NISTIR 90-4268

FULL SCALE SIMULATION OF A FATAL FIRE AND COMPARISON OF RESULTS WITH TWO MULTIROOM MODELS VOLUME II - - DATA

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March 5, 1990

Full Scale Simulation of a Fatal Fire

and

Comparison of Results With Two Multiroom Models

Robert S. Levine and Harold E. Nelson

NISTIR 90-4268

Volume II -- Data

Description of the SHARON 2 Test Printout

This seven room, two story full scale fire test was run on (about) 10-6-88 to provide data supporting the analysis of a fatal fire in Sharon Pa. NISTIR 90-4268 Volume I by Robert S. Levine and Harold E. Nelson reports the Sharon Pa. fire, a description and partial analysis of this test, and comparison of the predictions of two computer models with these test data.

These data are presented here in archive form. They can be used for further analysis and for evaluating the precision of improved multi-room fire computer models.

Please refer to NISTIR 90-4628 for a description of the test setup, dimensions, and instrumentation.

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 SSSSSS      HH    HH      AAAAAA      RRRRRRR      OOOOOO      NNN     NN      222222
SSSSSSSS     HH    HH     AAAAAAAA     RRRRRRRR    OOOOOOOO     NNN     NN     22222222
SS    SS     HH    HH     AA    AA     RR    RR    OO    OO     NNNN    NN     222   22
SS           HH    HH     AA    AA     RR    RR    OO    OO     NNNNN   NN         222
SSSSSSS      HHHHHHHH     AAAAAAAA     RRRRRRRR    OO    OO     NN NNN  NN        222
 SSSSSSS     HHHHHHHH     AAAAAAAA     RRRRRRR     OO    OO     NN  NNN NN       222
      SS     HH    HH     AA    AA     RR    RR    OO    OO     NN   NNNNN      222
SS    SS     HH    HH     AA    AA     RR    RR    OO    OO     NN    NNNN     222
SSSSSSSS     HH    HH     AA    AA     RR    RR    OOOOOOOO     NN     NNN    22222222
 SSSSSS      HH    HH     AA    AA     RR    RR     OOOOOO      NN     NNN    22222222
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                                                  00          00          00
 AAAAAA      CCCCCC                            000000000   000000000   000000000   77777777      111
AAAAAAAA    CCCCCCCC                          000000000   000000000   000000000   77777777     1111
AA    AA    CC    CC    ==========          00   000    00   000    00   000    77   777       11
AA    AA    CC    CC    ==========          00  0000    00  0000    00  0000         777       11
AAAAAAAA    CC                                00 00000   00 00000   00 00000        777       11
AAAAAAAA    CC                                00000 00   00000 00   00000 00       777       11
AA    AA    CC    CC    ==========          0000  00   0000  00   0000  00      777       11
AA    AA    CC    CC    ==========          000   00   000   00   000   00     777       11
AA    AA    CCCCCCCC                        000000000   000000000   000000000    777     11111111
AA    AA     CCCCCC                        000000000   000000000   000000000   777      11111111
                                            00          00          00
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                                                                          00
 111        55555555     ::::     55555555    55555555     ::::      000000000     111
1111        55555555    ::::::    55555555    55555555    ::::::    000000000     1111
  11        55          ::::::    55          55          ::::::    00   000        11
  11        5555555      ::::     5555555     5555555      ::::     00  0000        11
  11        55555555              55555555    55555555              00 00000       11
  11        55    55              55    55    55    55              00000 00       11
  11              55      ::::          55          55      ::::    0000  00       11
  11        555   55     ::::::   555   55    555   55     ::::::   000   00       11
11111111    55555555     ::::::   55555555    55555555     ::::::  000000000    11111111
11111111     555555       ::::     555555      555555       ::::   000000000    11111111
                                                                   00
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                                                  00
 111         111                            000000000     111                    888888       99999
1111        1111                           000000000    1111                   88888888    99999999
  11          11                           00   000       11                   88    88    99    99
  11          11                           00  0000       11                   88    88    99    99
  11          11                           00 00000       11                    888888    99999999
  11          11                           00000 00       11                    888888     9999999
  11          11                           0000  00       11                   88    88          99
  11          11                           000   00       11                   88    88          99
11111111    11111111                      000000000   11111111                88888888    9999999
11111111    11111111                      000000000   11111111                 888888      99999
```

RAPID DATA REDUCTION ROUTINES VERSION: 2.2 (88.1025) (400,400)

THE FILES USED FOR THIS RUN ARE AS FOLLOWS:

PURPOSE	FILENAME
RAPID CONTROL	R90:SHARON2.CTL/P
REGULAR OUTPUT	R90:SHARON2.SAV/P
INPUT DATA	R90:SHARON2.FRD/P
OUTPUT REDUCED DATA	R90:SHARON2.RED/P

RAPID CONTROL PARAMETERS

INTYPE:	2	INPRT:	0	INPNCH:	0	INSTOP:	0	INERR:	0	INSKIP:	1	INSAVE:	0	INTEST:	[illegible]
NTEST:	2	NPRT:	1	NPNCH:	1	NPLOT:	1	NCORR:	0	NERR:	0				

TABLE OF INSTRUMENTS

KH	ITYPE	I.D.	INSTRUMENT DESCRIPTION		COLUMN
0	1	TIME	ELAPSED TIME	(S)	1
14	2	O2FSNS	O2 CONC FS NR STAIRS 0.15 M UP FLOOR (TAYLOR)	(VOL %)	2
15	2	COFSNS	CO CONC FS NR STAIRS 0.15 M UP FLR #34391 SPAN 69.5	(VOL %)	3
16	2	CO2FSS	CO2 CONC FS NR STAIRS 0.15 M UP FLR #31445 SPAN 78	(VOL %)	4
17	2	O2 BR	O2 CONC IN BURN RM DOORWAY 0.15 M UP FLR (TAYLOR)	(VOL %)	5
18	2	O2FSTS	O2 FS DRWAY TOP OF STAIRS 0.30 M DN CLNG (TAYLOR)	(VOL %)	6
19	2	O2FSTS	O2 FS DRWAY TOP OF STAIRS 0.15 M UP FLOOR (TAYLOR)	(VOL %)	7
24	2	SP BRD	STATIC PRESSURE BURN ROOM DOORWAY	(PA)	8
25	2	SP DTS	STATIC PRESSURE DOORWAY TOP OF STAIRS	(PA)	9
26	2	SP SRD	STATIC PRESSURE SOUTH ROOM DOORWAY	(PA)	10
28	2	VEL FC	GAS VELOCITY IN FURNITURE CALORIMETER	(M/S)	11
29	2	O2 FC	O2 CONC IN FURNITURE CALORIMETER (TAYLOR)	(VOL %)	12
30	2	CO FC	CO CONC IN FURNITURE CALORIMETER #34753 SPAN 95.4	(VOL %)	13
31	2	CO2 FC	CO2 CONC IN FURNITURE CALORIMETER #34678 SPAN 93.5	(VOL %)	14
32	2	O2 SRF	O2 CONC IN SOUTH RM CENTER 0.15 M FROM FLR (TAYLOR)	(VOL %)	15
33	2	CO2SRF	CO2 CONC IN SRM CENTER 0.15 M FR FLR #34677 SPAN 97	(VOL %)	16
34	2	CO SRF	CO CONC IN SRM CENTER 0.15M FR FLR #32796 SPAN 100.9	(VOL %)	17
35	2	O2 SR	O2 CONC IN S RM CENTER 0.30 M FROM CLNG (TAYLOR)	(VOL %)	18
36	2	CO2SRC	CO2 CONC IN SRM CENTER 0.30M FR CLNG #32371 SPAN90.5	(VOL %)	19
37	2	CO SRC	CO CONC IN SRM CENTER 0.30M FROM CLNG #30760 SPAN 96	(VOL %)	20
38	2	STVEL9	PITOT TUBE IN STACK POSITION #9	(M/S)	21
39	2	STVEL8	PITOT TUBE IN STACK POSITION #8	(M/S)	22
40	2	STVEL7	PITOT TUBE IN STACK POSITION #7	(M/S)	23
41	2	STVEL6	PITOT TUBE IN STACK POSITION #6	(M/S)	24
42	2	STVEL5	PITOT TUBE IN STACK POSITION #5	(M/S)	25
43	2	STVEL4	PITOT TUBE IN STACK POSITION #4	(M/S)	26
44	2	STVEL3	PITOT TUBE IN STACK POSITION #3	(M/S)	27
45	2	STVEL2	PITOT TUBE IN STACK POSITION #2	(M/S)	28
46	2	STVEL1	PITOT TUBE IN STACK POSITION #1	(M/S)	29
47	2	WTLOSS	TOTAL WEIGHT LOSS	(KG)	30
49	2	TWNSC	TOWNHOUSE SCALE		31
50	2	O2 STK	O2 CONC STACK (TAYLOR)	(VOL %)	32
51	2	CO STK	CO CONC STACK #32369 SPAN 98.6	(VOL %)	33
52	2	CO2ST1	CO2 CONC STACK 1 #31497 SPAN 94.8	(VOL %)	34
53	2	CO2ST2	CO2 CONC STACK 2 #34540 SPAN 90.1	(VOL %)	35
54	2	CO NRC	CO CONC NORTH RM 0.30M FROM CEILING #30759 SPAN 96	(VOL %)	36
55	2	CO2NRC	CO2 CONC N RM 0.30M FROM CLNG #32372 SPAN 90.5	(VOL %)	37
56	2	CO2NRF	CO2 CONC SOFFIT 0.30 M DOWN STAIRS #34539 SPAN 91.5	(VOL %)	38
57	2	CO NRF	CO CONC SOFFIT 0.30 M DOWN STAIRS #34538 SPAN 96	(VOL %)	39
58	2	O2 NRC	O2 CONC NORTH RM 0.30 M FROM CEILING (TAYLOR)	(VOL %)	40
59	2	O2 NRF	O2 CONC SOFFIT 0.30 M DOWN STAIRS (TAYLOR)	(VOL %)	41
60	2	#1 008	TC TREE #1, UPSTAIRS HALLWAY 0.08 M FROM FLOOR	(C)	42
61	2	#1 015	TC TREE #1, UPSTAIRS HALLWAY 0.15 M FROM FLOOR	(C)	43
62	2	#1 030	TC TREE #1, UPSTAIRS HALLWAY 0.30 M FROM FLOOR	(C)	44
63	2	#1 061	TC TREE #1, UPSTAIRS HALLWAY 0.61 M FROM FLOOR	(C)	45

TABLE OF INSTRUMENTS

KH	ITYPE	I.D.	INSTRUMENT DESCRIPTION		COLUMN
64	2	#1 091	TC TREE #1, UPSTAIRS HALLWAY 0.91 M FROM FLOOR	(C)	46
65	2	#1 122	TC TREE #1, UPSTAIRS HALLWAY 1.22 M FROM FLOOR	(C)	47
66	2	#1 152	TC TREE #1, UPSTAIRS HALLWAY 1.52 M FROM FLOOR	(C)	48
67	2	#1 183	TC TREE #1, UPSTAIRS HALLWAY 1.83 M FROM FLOOR	(C)	49
68	2	#1 213	TC TREE #1, UPSTAIRS HALLWAY 2.13 M FROM FLOOR	(C)	50
69	2	#1 229	TC TREE #1, UPSTAIRS HALLWAY 2.29 M FROM FLOOR	(C)	51
70	2	#1 236	TC TREE #1, UPSTAIRS HALLWAY 2.36 M FROM FLOOR	(C)	52
71	2	#2 008	TC TREE #2, NORTH ROOM CENTER 0.08 M FROM FLOOR	(C)	53
72	2	#2 015	TC TREE #2, NORTH ROOM CENTER 0.15 M FROM FLOOR	(C)	54
73	2	#2 030	TC TREE #2, NORTH ROOM CENTER 0.30 M FROM FLOOR	(C)	55
74	2	#2 061	TC TREE #2, NORTH ROOM CENTER 0.61 M FROM FLOOR	(C)	56
75	2	#2 091	TC TREE #2, NORTH ROOM CENTER 0.91 M FROM FLOOR	(C)	57
76	2	#2 122	TC TREE #2, NORTH ROOM CENTER 1.22 M FROM FLOOR	(C)	58
77	2	#2 152	TC TREE #2, NORTH ROOM CENTER 1.52 M FROM FLOOR	(C)	59
78	2	#2 183	TC TREE #2, NORTH ROOM CENTER 1.83 M FROM FLOOR	(C)	60
79	2	#2 213	TC TREE #2, NORTH ROOM CENTER 2.13 M FROM FLOOR	(C)	61
80	2	#2 229	TC TREE #2, NORTH ROOM CENTER 2.29 M FROM FLOOR	(C)	62
81	2	#2 236	TC TREE #2, NORTH ROOM CENTER 2.36 M FROM FLOOR	(C)	63
82	2	#3 008	TC TREE #3, SOUTH ROOM CENTER 0.08 M FROM FLOOR	(C)	64
83	2	#3 015	TC TREE #3, SOUTH ROOM CENTER 0.15 M FROM FLOOR	(C)	65
84	2	#3 030	TC TREE #3, SOUTH ROOM CENTER 0.30 M FROM FLOOR	(C)	66
85	2	#3 061	TC TREE #3, SOUTH ROOM CENTER 0.61 M FROM FLOOR	(C)	67
86	2	#3 091	TC TREE #3, SOUTH ROOM CENTER 0.91 M FROM FLOOR	(C)	68
87	2	#3 122	TC TREE #3, SOUTH ROOM CENTER 1.22 M FROM FLOOR	(C)	69
88	2	#3 152	TC TREE #3, SOUTH ROOM CENTER 1.52 M FROM FLOOR	(C)	70
89	2	#3 183	TC TREE #3, SOUTH ROOM CENTER 1.83 M FROM FLOOR	(C)	71
90	2	#3 213	TC TREE #3, SOUTH ROOM CENTER 2.13 M FROM FLOOR	(C)	72
91	2	#3 229	TC TREE #3, SOUTH ROOM CENTER 2.29 M FROM FLOOR	(C)	73
92	2	#3 236	TC TREE #3, SOUTH ROOM CENTER 2.36 M FROM FLOOR	(C)	74
93	2	#4 008	TC TREE #4, SOUTH ROOM DOOR 0.08 M FROM FLOOR	(C)	75
94	2	#4 015	TC TREE #4, SOUTH ROOM DOOR 0.15 M FROM FLOOR	(C)	76
95	2	#4 030	TC TREE #4, SOUTH ROOM DOOR 0.30 M FROM FLOOR	(C)	77
96	2	#4 061	TC TREE #4, SOUTH ROOM DOOR 0.61 M FROM FLOOR	(C)	78
97	2	#4 091	TC TREE #4, SOUTH ROOM DOOR 0.91 M FROM FLOOR	(C)	79
98	2	#4 122	TC TREE #4, SOUTH ROOM DOOR 1.22 M FROM FLOOR	(C)	80
99	2	#4 152	TC TREE #4, SOUTH ROOM DOOR 1.52 M FROM FLOOR	(C)	81
100	2	#4 183	TC TREE #4, SOUTH ROOM DOOR 1.83 M FROM FLOOR	(C)	82
101	2	#4 196	TC TREE #4, SOUTH ROOM DOOR 1.96 M FROM FLOOR	(C)	83
102	2	#5 008	TC TREE #5, BURN ROOM CENTER 0.08 M FROM FLOOR	(C)	84
103	2	#5 015	TC TREE #5, BURN ROOM CENTER 0.15 M FROM FLOOR	(C)	85
104	2	#5 030	TC TREE #5, BURN ROOM CENTER 0.30 M FROM FLOOR	(C)	86
105	2	#5 061	TC TREE #5, BURN ROOM CENTER 0.61 M FROM FLOOR	(C)	87
106	2	#5 091	TC TREE #5, BURN ROOM CENTER 0.91 M FROM FLOOR	(C)	88
107	2	#5 122	TC TREE #5, BURN ROOM CENTER 1.22 M FROM FLOOR	(C)	89
108	2	#5 152	TC TREE #5, BURN ROOM CENTER 1.52 M FROM FLOOR	(C)	90

TABLE OF INSTRUMENTS

KH	ITYPE	I.D.	INSTRUMENT DESCRIPTION	COLUMN
109	2	#5 183	TC TREE #5, BURN ROOM CENTER 1.83 M FROM FLOOR (C)	91
110	2	#5 213	TC TREE #5, BURN ROOM CENTER 2.13 M FROM FLOOR (C)	92
111	2	#5 229	TC TREE #5, BURN ROOM CENTER 2.29 M FROM FLOOR (C)	93
112	2	#5 236	TC TREE #5, BURN ROOM CENTER 2.36 M FROM FLOOR (C)	94
113	2	#6 008	TC TREE #6, BURN ROOM DOOR 0.08 M FROM FLOOR (C)	95
114	2	#6 015	TC TREE #6, BURN ROOM DOOR 0.15 M FROM FLOOR (C)	96
115	2	#6 030	TC TREE #6, BURN ROOM DOOR 0.30 M FROM FLOOR (C)	97
116	2	#6 061	TC TREE #6, BURN ROOM DOOR 0.61 M FROM FLOOR (C)	98
117	2	#6 091	TC TREE #6, BURN ROOM DOOR 0.91 M FROM FLOOR (C)	99
118	2	#6 122	TC TREE #6, BURN ROOM DOOR 1.22 M FROM FLOOR (C)	100
119	2	#6 152	TC TREE #6, BURN ROOM DOOR 1.52 M FROM FLOOR (C)	101
120	2	#6 183	TC TREE #6, BURN ROOM DOOR 1.83 M FROM FLOOR (C)	102
121	2	#6 196	TC TREE #6, BURN ROOM DOOR 1.96 M FROM FLOOR (C)	103
122	2	#7 008	TC TREE #7,DNSTAIRS HALLWAY OUTSIDE BR 0.08 M FROM FLOOR (C)	104
123	2	#7 015	TC TREE #7,DNSTAIRS HALLWAY OUTSIDE BR 0.15 M FROM FLOOR (C)	105
124	2	#7 030	TC TREE #7,DNSTAIRS HALLWAY OUTSIDE BR 0.30 M FROM FLOOR (C)	106
125	2	#7 061	TC TREE #7,DNSTAIRS HALLWAY OUTSIDE BR 0.61 M FROM FLOOR (C)	107
126	2	#7 091	TC TREE #7,DNSTAIRS HALLWAY OUTSIDE BR 0.91 M FROM FLOOR (C)	108
127	2	#7 122	TC TREE #7,DNSTAIRS HALLWAY OUTSIDE BR 1.22 M FROM FLOOR (C)	109
128	2	#7 152	TC TREE #7,DNSTAIRS HALLWAY OUTSIDE BR 1.52 M FROM FLOOR (C)	110
129	2	#7 183	TC TREE #7,DNSTAIRS HALLWAY OUTSIDE BR 1.83 M FROM FLOOR (C)	111
130	2	#7 213	TC TREE #7,DNSTAIRS HALLWAY OUTSIDE BR 2.13 M FROM FLOOR (C)	112
131	2	#7 229	TC TREE #7,DNSTAIRS HALLWAY OUTSIDE BR 2.29 M FROM FLOOR (C)	113
132	2	#7 236	TC TREE #7,DNSTAIRS HALLWAY OUTSIDE BR 2.36 M FROM FLOOR (C)	114
133	2	#8 008	TC TREE #8, SOFFIT NEAR STAIRS 0.08 M FROM FLOOR (C)	115
134	2	#8 015	TC TREE #8, SOFFIT NEAR STAIRS 0.15 M FROM FLOOR (C)	116
135	2	#8 030	TC TREE #8, SOFFIT NEAR STAIRS 0.30 M FROM FLOOR (C)	117
136	2	#8 061	TC TREE #8, SOFFIT NEAR STAIRS 0.61 M FROM FLOOR (C)	118
137	2	#8 091	TC TREE #8, SOFFIT NEAR STAIRS 0.91 M FROM FLOOR (C)	119
138	2	#8 122	TC TREE #8, SOFFIT NEAR STAIRS 1.22 M FROM FLOOR (C)	120
139	2	#8 152	TC TREE #8, SOFFIT NEAR STAIRS 1.52 M FROM FLOOR (C)	121
140	2	#8 183	TC TREE #8, SOFFIT NEAR STAIRS 1.83 M FROM FLOOR (C)	122
141	2	#8 196	TC TREE #8, SOFFIT NEAR STAIRS 1.96 M FROM FLOOR (C)	123
142	2	TCGRID	TC ON GRID (C)	124
143	2	STK 01	TC STACK POSITION #01 (C)	125
144	2	STK 02	TC STACK POSITION #02 (C)	126
145	2	STK 03	TC STACK POSITION #03 (C)	127
146	2	STK 04	TC STACK POSITION #04 (C)	128
147	2	STK 05	TC STACK POSITION #05 (C)	129
148	2	STK 06	TC STACK POSITION #06 (C)	130
149	2	STK 07	TC STACK POSITION #07 (C)	131
150	2	STK 08	TC STACK POSITION #08 (C)	132
151	2	STK 09	TC STACK POSITION #09 (C)	133
152	2	QR1STK	TC QUICK RESPONSE IN STACK DUCT (C)	134
153	2	QR2STK	TC QUICK RESPONSE IN STACK DUCT (C)	135

TABLE OF INSTRUMENTS

KH	ITYPE	I.D.	INSTRUMENT DESCRIPTION		COLUMN
154	2	#9 008	TC TREE #9, DOORWAY TOP OF STAIRS 0.08 M FROM FLOOR	(C)	136
155	2	#9 015	TC TREE #9, DOORWAY TOP OF STAIRS 0.15 M FROM FLOOR	(C)	137
156	2	#9 030	TC TREE #9, DOORWAY TOP OF STAIRS 0.30 M FROM FLOOR	(C)	138
157	2	#9 061	TC TREE #9, DOORWAY TOP FO STAIRS 0.61 M FROM FLOOR	(C)	139
158	2	#9 091	TC TREE #9, DOORWAY TOP OF STAIRS 0.91 M FROM FLOOR	(C)	140
159	2	#9 122	TC TREE #9, DOORWAY TOP OF STAIRS 1.22 M FROM FLOOR	(C)	141
160	2	#9 152	TC TREE #9, DOORWAY TOP OF STAIRS 1.52 M FROM FLOOR	(C)	142
161	2	#9 183	TC TREE #9, DOORWAY TOP OF STAIRS 1.83 M FROM FLOOR	(C)	143
162	2	#9 196	TC TREE #9, DOORWAY TOP OF STAIRS 1.96 M FROM FLOOR	(C)	144
163	2	RMTEMP	ROOM TEMPERATURE OUTSIDE AT HOOK UP BOX	(C)	145
164	2	SORMLC	ROOM TEMPERATURE SOUTH ROOM LOAD CELL	(C)	146
165	2	NRMLC	ROOM TEMPERATURE NORTH ROOM LOAD CELL NEAR WINDOW	(C)	147
166	2	NRMLCD	ROOM TEMPERATURE NORTH ROOM LOAD CELL NEAR DOOR	(C)	148
167	2	TCBRMC	TC HALLWAY TREE NEAR BURN ROOM 0.08 M FROM CEILING	(C)	149
168	2	TCSOFF	TC 0.08 M UNDER SOFFIT	(C)	150

TABLE OF MULTIPLIERS

C 1= 1.000000
C 2= 1.000000

TABLE OF ADDERS

ADD 1= 0.000000
ADD 2= 0.000000

TABLE OF POWERS

POWER 1= 1.000000
POWER 2= 1.000000

INPUT DATA AS RECORDED BY FORMATTED RAW DATA

DATA FORMAT SPECIFICATION.

SKIP=(Z2S2R2S2)8

READING OF DATA FROM RAPID REDUCED DATA COMPLETED
TOTAL CHANNELS READ: 150 USED: 150 SKIPPED: 0

THE FOLLOWING SERIES' OF CHANNELS ARE EMPTY AND WILL BE USED FOR ANY AUTOMATICALLY ASSIGNED CREATED CHANNEL NUMBERS.

200 300 400 500 600 700 800 900
THE DATA MATRIX HAS ROOM FOR A MAXIMUM OF 800 NEWLY CREATED CHANNELS.

"TIME"

193 SECONDS TO IGNITION

THE TIME STORED IN CHANNEL 0
HAS HAD A TIME SHIFT OF 193.0 SECONDS SUBTRACTED FROM IT.

"THERMOCOUPLE"

LOW CHANNEL OF BLOCK = 60 (INSTRUMENT # 42)
HIGH CHANNEL OF BLOCK = 168 (INSTRUMENT #150)
TYPE "K" THERMOCOUPLES (DEG C)

"WT-LOSS"

SUBROUTINE "WTLOSS" CALCULATES THE TOTAL WEIGHT LOSS (KG) FROM THE CHANGE IN OUTPUT OF A LOAD-CELL TYPE TRANSDUCER.

CHANNEL 47 CONTAINS THE RAW DATA BEING CONVERTED TO TOTAL WEIGHT LOSS (KG).
THE FOLLOWING TEST CONDITIONS ARE BEING USED:
INITIAL TRANSDUCER OUTPUT = 0.17405E+01
WEIGHT-TO-OUTPUT CONVERSION FACTOR = 0.69300E+01 KG PER OUTPUT UNIT
A TOTAL OF 98 READINGS DEFAULTED TO THE INITIAL VALUE.

"GAS%"

TYPE 1 - FORM OF LN FIT OF CONCENTRATION VS. METER READING CALIBRATION CURVE (SINGLE RANGE)
TYPE 2 - FORM OF LN FIT OF CONCENTRATION VS. METER READING CALIBRATION CURVE (DOUBLE RANGE)
TYPE 3 - CHANGE IN CONCENTRATION DIRECTLY PROPORTIONAL TO CHANGE IN OUTPUT
TYPE 4 - CONCENTRATION INVERSLY PROPORTIONAL TO COMMON LOG OF OUTPUT

IF 'G' EQUALS THE GAS CONCENTRATION AND 'R' THE OUTPUT AND 'Z' DESIGNATES ZERO AND 'I' ANY OTHER KNOWN POINT, THEN:

$$G = G(I)*(R-R(Z)) / (R(I)-R(Z))$$

CHAN NO.	ZERO CONC OUTPUT	SPAN CONC OUTPUT	SPAN CONCENTRATION
14	0.15171E-02	-.22035	20.90

IF 'G' IS THE GAS CONCENTRATION AND 'R' THE ZERO-ADJUSTED METER READING, THEN: $G = -A * LN(1.0 - R/B)$

CHAN NO.	GAS ANALYZED	ANALYZER SERIAL NUMBER	MAX RANGE (%)	CURVE FIT COEFFICIENTS A	CURVE FIT COEFFICIENTS B	OUTPUT FOR ZERO CONC	OUTPUT FOR SPAN CONC	METER FOR SPAN CONC	CHANGE RANGE FLAG CHANNEL	CHANGE RANGE FLAG SCAN	CHANGE RANGE FLAG TIME
15	CO	34391	10.0	17.6194	230.505	0.00007	0.06950	69.50	NA	NA	NA
16	CO2	31445	20.0	37.3761	237.640	-0.00198	0.08045	78.00	NA	NA	NA

A TOTAL OF 6 NEGATIVE CALCULATED CONCENTRATIONS WERE FOUND.

IF 'G' EQUALS THE GAS CONCENTRATION AND 'R' THE OUTPUT AND 'Z' DESIGNATES ZERO AND 'I' ANY OTHER KNOWN POINT, THEN:

$$G = G(I)*(R-R(Z)) / (R(I)-R(Z))$$

CHAN NO.	ZERO CONC OUTPUT	SPAN CONC OUTPUT	SPAN CONCENTRATION
17	0.71510E-03	0.85349	20.90
18	0.23197E-02	0.84350	20.90
19	-.32300E-02	0.88737	20.90
29	-.13780E-02	0.83497	20.90

IF 'G' IS THE GAS CONCENTRATION AND 'R' THE ZERO-ADJUSTED METER READING, THEN: $G = -A * LN(1.0 - R/B)$

CHAN NO.	GAS ANALYZED	ANALYZER SERIAL NUMBER	MAX RANGE (%)	CURVE FIT COEFFICIENTS A	CURVE FIT COEFFICIENTS B	OUTPUT FOR ZERO CONC	OUTPUT FOR SPAN CONC	METER FOR SPAN CONC	CHANGE RANGE FLAG CHANNEL	CHANGE RANGE FLAG SCAN	CHANGE RANGE FLAG TIME
30	CO	34753	5.0	6.43810	185.106	-0.00005	0.09570	95.40	NA	NA	NA

A TOTAL OF 25 NEGATIVE CALCULATED CONCENTRATIONS WERE FOUND.

CHAN NO.	GAS ANALYZED	ANALYZER SERIAL NUMBER	MAX RANGE (%)	CURVE FIT COEFFICIENTS A	CURVE FIT COEFFICIENTS B	OUTPUT FOR ZERO CONC	OUTPUT FOR SPAN CONC	METER FOR SPAN CONC	CHANGE RANGE FLAG CHANNEL	CHANGE RANGE FLAG SCAN	CHANGE RANGE FLAG TIME
31	CO2	34678	10.0	16.6299	220.467	-0.00003	0.09369	93.50	NA	NA	NA

CHAN NO.	ZERO CONC OUTPUT	SPAN CONC OUTPUT	SPAN CONCENTRATION
32	0.28698E-02	0.21160	20.90

IF 'G' IS THE GAS CONCENTRATION AND 'R' THE ZERO-ADJUSTED METER READING, THEN: G = -A * LN(1.0 - R/B)

CHAN NO.	GAS ANALYZED	ANALYZER SERIAL NUMBER	MAX RANGE (%)	CURVE FIT COEFFICIENTS A	CURVE FIT COEFFICIENTS B	OUTPUT FOR ZERO CONC	OUTPUT FOR SPAN CONC	METER FOR SPAN CONC	CHANGE RANGE FLAG CHANNEL	CHANGE RANGE FLAG SCAN	CHANGE RANGE FLAG TIME
33	CO2	34677	10.0	16.7002	221.373	-0.00005	0.09913	97.00	NA	NA	NA
34	CO	32796	1.0	1.74700	229.930	0.00014	0.09981	*****	NA	NA	NA

A TOTAL OF 2 NEGATIVE CALCULATED CONCENTRATIONS WERE FOUND.

IF 'G' EQUALS THE GAS CONCENTRATION AND 'R' THE OUTPUT AND 'Z' DESIGNATES ZERO AND 'I' ANY OTHER KNOWN POINT, THEN:
G = G(I)*(R-R(Z)) / (R(I)-R(Z))

CHAN NO.	ZERO CONC OUTPUT	SPAN CONC OUTPUT	SPAN CONCENTRATION
35	0.43787E-02	-.83232	20.90

IF 'G' IS THE GAS CONCENTRATION AND 'R' THE ZERO-ADJUSTED METER READING, THEN: G = -A * LN(1.0 - R/B)

CHAN NO.	GAS ANALYZED	ANALYZER SERIAL NUMBER	MAX RANGE (%)	CURVE FIT COEFFICIENTS A	CURVE FIT COEFFICIENTS B	OUTPUT FOR ZERO CONC	OUTPUT FOR SPAN CONC	METER FOR SPAN CONC	CHANGE RANGE FLAG CHANNEL	CHANGE RANGE FLAG SCAN	CHANGE RANGE FLAG TIME
36	CO2	32371	20.0	39.0345	249.152	0.00010	0.09074	90.50	NA	NA	NA
37	CO	30760	10.0	17.8165	232.728	-0.00008	0.09618	96.00	NA	NA	NA

A TOTAL OF 18 NEGATIVE CALCULATED CONCENTRATIONS WERE FOUND.

IF 'G' EQUALS THE GAS CONCENTRATION AND 'R' THE OUTPUT AND 'Z' DESIGNATES ZERO AND 'I' ANY OTHER KNOWN POINT, THEN:
G = G(I)*(R-R(Z)) / (R(I)-R(Z))

CHAN NO.	ZERO CONC OUTPUT	SPAN CONC OUTPUT	SPAN CONCENTRATION
50	-.10226E-02	-.83957	20.90

IF 'G' IS THE GAS CONCENTRATION AND 'R' THE ZERO-ADJUSTED METER READING, THEN: G = -A * LN(1.0 - R/B)

CHAN NO.	GAS ANALYZED	ANALYZER SERIAL NUMBER	MAX RANGE (%)	CURVE FIT COEFFICIENTS A	CURVE FIT COEFFICIENTS B	OUTPUT FOR ZERO CONC	OUTPUT FOR SPAN CONC	METER FOR SPAN CONC	CHANGE RANGE FLAG CHANNEL	CHANGE RANGE FLAG SCAN	CHANGE RANGE FLAG TIME
51	CO	32369	2.0	3.05138	208.020	0.00049	0.09914	98.60	NA	NA	NA

A TOTAL OF 1 NEGATIVE CALCULATED CONCENTRATIONS WERE FOUND.

CHAN NO.	GAS ANALYZED	SERIAL NUMBER	RANGE (%)	A	B	ZERO CONC	SPAN CONC	METER FOR SPAN CONC	CHANNEL	SCAN	TIME
52	CO2	31497	4.0	7.42968	239.724	-0.00018	0.16158	94.80	NA	NA	NA
53	CO2	34540	20.0	32.8684	219.574	-0.00022	0.08989	90.10	NA	NA	NA
54	CO	30759	10.0	17.1453	226.150	-0.00025	0.09712	96.00	NA	NA	NA

A TOTAL OF 4 NEGATIVE CALCULATED CONCENTRATIONS WERE FOUND.

CHAN NO.	GAS ANALYZED	ANALYZER SERIAL NUMBER	MAX RANGE (%)	CURVE FIT COEFFICIENTS A	CURVE FIT COEFFICIENTS B	OUTPUT FOR ZERO CONC	OUTPUT FOR SPAN CONC	METER FOR SPAN CONC	CHANGE RANGE FLAG CHANNEL	CHANGE RANGE FLAG SCAN	CHANGE RANGE FLAG TIME
55	CO2	32372	20.0	29.7035	203.892	-0.00008	0.09090	90.50	NA	NA	NA

A TOTAL OF 25 NEGATIVE CALCULATED CONCENTRATIONS WERE FOUND.

CHAN NO.	GAS ANALYZED	ANALYZER SERIAL NUMBER	MAX RANGE (%)	CURVE FIT COEFFICIENTS A	CURVE FIT COEFFICIENTS B	OUTPUT FOR ZERO CONC	OUTPUT FOR SPAN CONC	METER FOR SPAN CONC	CHANGE RANGE FLAG CHANNEL	CHANGE RANGE FLAG SCAN	CHANGE RANGE FLAG TIME
56	CO2	34539	20.0	29.3901	202.437	-0.00019	0.09212	91.50	NA	NA	NA
57	CO	34538	15.0	20.0793	189.892	-0.00002	0.09601	96.00	NA	NA	NA

A TOTAL OF 24 NEGATIVE CALCULATED CONCENTRATIONS WERE FOUND.

IF 'G' EQUALS THE GAS CONCENTRATION AND 'R' THE OUTPUT AND 'Z' DESIGNATES ZERO AND 'I' ANY OTHER KNOWN POINT, THEN:

$$G = G(I)*(R-R(Z)) / (R(I)-R(Z))$$

CHAN NO.	ZERO CONC OUTPUT	SPAN CONC OUTPUT	SPAN CONCENTRATION
58	-.25088E-02	0.83564	20.90
59	0.64602E-02	-.83596	20.90

"DELAY"

TIME FOR DOWNSTAIRS GAS CONCENTRATIONS

THE FOLLOWING CHANNELS HAVE A DELAY TIME OF 9.0 S:
014 015 016 017 056 057 059

"DELAY"

TIME FOR UPSTAIRS GAS CONCENTRATIONS

THE FOLLOWING CHANNELS HAVE A DELAY TIME OF 18.0 S:
018 019 032 033 034 035 036 037 054 055
058

"VELOCITY"

THIS SUBROUTINE CONVERTS PRESSURE TRANSDUCER OUTPUT INTO AIR VELOCITY (M/S).

THERE ARE SIX TYPES OF PROBES RELATING TO CONFIGURATION AND OUTPUT AS FOLLOWS:

PROBE TYPE CODE	CONFIGURATION	OUTPUT
1	MONO-DIRECTIONAL	POSITIVE FOR POSITIVE AIR FLOW
-1	MONO-DIRECTIONAL	NEGATIVE FOR POSITIVE AIR FLOW
2	MONO-DIRECTIONAL	POSITIVE FOR NEGATIVE AIR FLOW
-2	MONO-DIRECTIONAL	NEGATIVE FOR NEGATIVE AIR FLOW
3	BI-DIRECTIONAL	POSITIVE FOR POSITIVE AIR FLOW
-3	BI-DIRECTIONAL	NEGATIVE FOR POSITIVE AIR FLOW

THE CALCULATED VELOCITIES ARE TEMPERATURE CORRECTED. THERE ARE THREE METHODS OF DETERMINING THAT TEMPERATURE:

METHOD #1 - OUTPUT FROM A SINGLE THERMOCOUPLE PLACED NEAR THE VELOCITY PROBE
METHOD #2 - AN ARBITRARY, USER-SUPPLIED, CONSTANT TEMPERATURE
METHOD #3 - A STRAIGHT-LINE INTERPOLATION OF OUTPUT FROM TWO THERMOCOUPLES NEAR THE VELOCITY PROBE
IF AN IMPROPER METHOD IS GIVEN, THE METHOD DEFAULTS TO #2.

CHANNEL	PROBE TYPE	ASSOC TC CHANNEL	ARBITRARY CONSTANT TEMP (DEG C)	TEMPERATURE INTERPOLATION: BETWEEN TC CHANNELS	RELATIVE LOCATION OF: TC1	TC2	PROBE	SENSI-TIVITY (PASCALS PER OU)	ZERO-FLOW OUTPUT (OU)
28	3	78	NA	NA	NA	NA	NA	49.7400	13.37200

"DELAY"

TIME FOR PULSE TO TRAVEL DOWN EXHAUST PIPE TO INSTRUMENTS

THE FOLLOWING CHANNELS HAVE A DELAY TIME OF 9.5 S:
152 153 031 030 029 028

"VELOCITY"

THIS SUBROUTINE CONVERTS PRESSURE TRANSDUCER OUTPUT INTO AIR VELOCITY (M/S).

THERE ARE SIX TYPES OF PROBES RELATING TO CONFIGURATION AND OUTPUT AS FOLLOWS:

PROBE TYPE CODE	CONFIGURATION	OUTPUT
1	MONO-DIRECTIONAL	POSITIVE FOR POSITIVE AIR FLOW
-1	MONO-DIRECTIONAL	NEGATIVE FOR POSITIVE AIR FLOW

-3 BI-DIRECTIONAL NEGATIVE FOR POSITIVE AIR FLOW

THE CALCULATED VELOCITIES ARE TEMPERATURE CORRECTED. THERE ARE THREE METHODS OF DETERMINING THAT TEMPERATURE

METHOD #1 - OUTPUT FROM A SINGLE THERMOCOUPLE PLACED NEAR THE VELOCITY PROBE
METHOD #2 - AN ARBITRARY, USER-SUPPLIED, CONSTANT TEMPERATURE
METHOD #3 - A STRAIGHT-LINE INTERPOLATION OF OUTPUT FROM TWO THERMOCOUPLES NEAR THE VELOCITY PROBE
IF AN IMPROPER METHOD IS GIVEN, THE METHOD DEFAULTS TO #2.

CHANNEL	PROBE TYPE	ASSOC TC CHANNEL	ARBITRARY CONSTANT TEMP (DEG C)	TEMPERATURE INTERPOLATION: BETWEEN TC CHANNELS	RELATIVE LOCATION OF: TC1	TC2	PROBE	SENSI-TIVITY (PASCALS PER OU)	ZERO-FLOW OUTPUT (OU)
46	1	143	NA	NA	NA	NA	NA	13.3320	0.00719
45	1	144	NA	NA	NA	NA	NA	13.3320	0.01007
44	1	145	NA	NA	NA	NA	NA	13.3320	0.01221
43	1	146	NA	NA	NA	NA	NA	13.3320	-0.01411

A TOTAL OF 134 VELOCITY READINGS DEFAULTED TO ZERO.

CHANNEL	PROBE TYPE	ASSOC TC CHANNEL	ARBITRARY CONSTANT TEMP (DEG C)	TEMPERATURE INTERPOLATION: BETWEEN TC CHANNELS	RELATIVE LOCATION OF: TC1	TC2	PROBE	SENSI-TIVITY (PASCALS PER OU)	ZERO-FLOW OUTPUT (OU)
42	1	147	NA	NA	NA	NA	NA	13.3320	-0.01941

A TOTAL OF 134 VELOCITY READINGS DEFAULTED TO ZERO.

CHANNEL	PROBE TYPE	ASSOC TC CHANNEL	ARBITRARY CONSTANT TEMP (DEG C)	TEMPERATURE INTERPOLATION: BETWEEN TC CHANNELS	RELATIVE LOCATION OF: TC1	TC2	PROBE	SENSI-TIVITY (PASCALS PER OU)	ZERO-FLOW OUTPUT (OU)
41	1	148	NA	NA	NA	NA	NA	13.3320	0.01166
40	1	149	NA	NA	NA	NA	NA	13.3320	0.02683
39	1	150	NA	NA	NA	NA	NA	13.3320	0.01083
38	1	151	NA	NA	NA	NA	NA	13.3320	-0.04622

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"PRESSURE"

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SUBROUTINE "PRESS" CALCULATES THE STATIC PRESSURE FROM PRESSURE TRANSDUCER OUTPUT.
THE PRESSURE PROBE ESSENTIALLY SENSES THE DIFFERENCE IN PRESSURE BETWEEN ITS TWO SIDES (E.G. INSIDE AND OUTSIDE A TEST CHAMBER.

CHANNEL NUMBER	OUTPUT FOR ZERO PRESSURE DIFFERENCE	CONVERSION FACTOR (PA/OU)
24	0.26083E-02	13.332
25	-.22601E-01	13.332
26	-.89811E-02	13.332

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CHANNEL 200 IS THE AVERAGE OF THE VALUES FROM THE FOLLOWING CHANNELS:

	CHANNEL	USE LOWER LIMIT	USE UPPER LIMIT	DISPOSITION OF VALUE OUTSIDE LIMIT D=DELETE, R=REPLACE LOWER	UPPER	LIMIT SOURCE AND VALUE C=CHANNEL, R=CONSTANT LOWER SOURCE/VALUE	UPPER SOURCE/VALUE	WEIGHTING FACTOR
1.	143	N	N	NA	NA	NA	NA	1.000
2.	144	N	N	NA	NA	NA	NA	1.000
3.	145	N	N	NA	NA	NA	NA	1.000
4.	148	N	N	NA	NA	NA	NA	1.000
5.	149	N	N	NA	NA	NA	NA	1.000
6.	150	N	N	NA	NA	NA	NA	1.000
7.	151	N	N	NA	NA	NA	NA	1.000

CHANNEL 201 IS THE AVERAGE OF THE VALUES FROM THE FOLLOWING CHANNELS:

	CHANNEL	USE LOWER LIMIT	USE UPPER LIMIT	DISPOSITION OF VALUE OUTSIDE LIMIT D=DELETE, R=REPLACE LOWER	UPPER	LIMIT SOURCE AND VALUE C=CHANNEL, R=CONSTANT LOWER SOURCE/VALUE	UPPER SOURCE/VALUE	WEIGHTING FACTOR
1.	46	N	N	NA	NA	NA	NA	1.000
2.	45	N	N	NA	NA	NA	NA	1.000
3.	44	N	N	NA	NA	NA	NA	1.000
4.	41	N	N	NA	NA	NA	NA	1.000
5.	40	N	N	NA	NA	NA	NA	1.000
6.	39	N	N	NA	NA	NA	NA	1.000
7.	38	N	N	NA	NA	NA	NA	1.000

"FLOW-RATE"

MASS FLOW RATE OF GASES THROUGH STACK

THIS SUBROUTINE USES PREVIOUSLY CALCULATED VELOCITY PROFILES OF AN OPENING TO CALCULATE:
1) THE NEUTRAL PLANE IN THE OPENING;
2) THE VOLUME FLOW RATE THROUGH THE OPENING;
3) THE MASS FLOW RATE THROUGH THE OPENING;
4) THE CONVECTIVE ENERGY TRANSFER RATE THROUGH THE OPENING.

THE FOLLOWING 1 VELOCITY PROBES WILL BE USED TO DETERMINE THESE VALUES:
MASS FLOW RATE

THE HEIGHT OF THE OPENING IS 1.220 METERS.
THE WIDTH OF THE OPENING IS 1.220 METERS.
THE NEGATIVE DIRECTION FLOW COEFFICIENT IS 0.680

VELOCITY CHANNEL	HEIGHT OF PROBE ABOVE BOTTOM OF OPENING (M)	CONSTANT (C)	FROM TC CHANNEL	INTERPOLATED ... BETWEEN TC CHANNELS	AND BETWEEN TC POSITIONS	AMBIENT TEMPERATURE (C)
201	0.610	NA	200	NA	NA	20.0

THE MASS FLOW RATE IN THE POSITIVE DIRECTION WILL BE STORED IN CREATED CHANNEL 202

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"HEAT-RATE"

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THIS SUBROUTINE CALCULATES THE RATE OF HEAT RELEASE THROUGH AN OPENING OR IN A CLOSED SYSTEM.

A SINGLE-SEGMENT AREA IS USED WITH ONE OXYGEN PROBE (CH. 50),
ONE VELOCITY PROBE (CH. 201),
AND ONE THERMOCOUPLE (CH. 200).
THE AREA OF THE OPENING IS 1.49 SQ METERS.

THE OXYGEN DEPLETION IS CORRECTED FOR CARBON DIOXIDE USING CHANNEL # 52.

THE HEAT OF COMBUSTION FOR THIS CALCULATION, IN TERMS OF A UNIT VOLUME OF OXYGEN CONSUMED AT STP IS 17010. KJ/M**3.

THE CALCULATED RATE OF HEAT RELEASE (KW) IS STORED IN CHANNEL 203.

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"HEAT-RATE"

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THIS SUBROUTINE CALCULATES THE RATE OF HEAT RELEASE THROUGH AN OPENING OR IN A CLOSED SYSTEM.

A SINGLE-SEGMENT AREA IS USED WITH ONE OXYGEN PROBE (CH. 50),
ONE VELOCITY PROBE (CH. 201),
AND ONE THERMOCOUPLE (CH. 200).
THE AREA OF THE OPENING IS 1.49 SQ METERS.

THE OXYGEN DEPLETION IS CORRECTED FOR CARBON DIOXIDE USING CHANNEL # 53.

THE HEAT OF COMBUSTION FOR THIS CALCULATION, IN TERMS OF A UNIT VOLUME OF OXYGEN CONSUMED AT STP IS 17010. KJ/M**3.

THE CALCULATED RATE OF HEAT RELEASE (KW) IS STORED IN CHANNEL 204.

"HEAT-RATE-2"

THIS SUBROUTINE CALCULATES THE RATE OF HEAT RELEASE BASED ON OXYGEN DEPLETION AND IS ESPECIALLY SUITED FOR USE WHERE THE EXHAUST GASES ARE ANALYZED IN A COLLECTION HOOD OR DUCT.

RHR CHANNEL	OXYGEN CHANNEL	MASS FLOW RATE		CO2 CORRECTION CHANNEL	B	SPECIFIC ENERGY
		CHANNEL	CONSTANT			
205	50	202		52	1.5	13100.0

"HEAT-RATE-2"

THIS SUBROUTINE CALCULATES THE RATE OF HEAT RELEASE BASED ON OXYGEN DEPLETION AND IS ESPECIALLY SUITED FOR USE WHERE THE EXHAUST GASES ARE ANALYZED IN A COLLECTION HOOD OR DUCT.

RHR CHANNEL	OXYGEN CHANNEL	MASS FLOW RATE		CO2 CORRECTION CHANNEL	B	SPECIFIC ENERGY
		CHANNEL	CONSTANT			
206	50	202		53	1.5	13100.0

"SPECIFY"

THE FOLLOWING CHANNEL NUMBERS WILL BE USED FOR THE NEXT 1CHANNEL(S) CREATED.
47

"SMOOTH"

CHANNEL 47 IS THE 3 POINT SMOOTH CURVE OF CHANNEL 47

"WT-RATE"

THE CALCULATIONS DONE HERE ARE BASED ON THE TOTAL WEIGHT LOSS FROM CHANNEL 47.

WARNING! THE CALCULATED RATE OF WEIGHT LOSS FOR SCAN 6 IS LESS THAN ZERO.
THERE MAY BE ERRORS IN RATE OF WEIGHT LOSS AFTER THIS POINT.
THE ERROR MAY BE DUE TO DEBRIS FALLING
THE ERROR MAY BE DUE TO DEBRIS FALLING ONTO LOAD PLATFORM.
THERE WILL BE NO FURTHER WARNINGS FOR THIS INSTRUMENT.

"HOT/COLD"

UPSTAIRS HALLWAY

THIS SUBROUTINE DETERMINES THE HOT/COLD GAS INTERFACE HEIGHT
BASED ON A GIVEN PERCENTAGE OF THE DIFFERENCE BETWEEN THE HOTTEST AND COLDEST TEMPERATURES IN A PROFILE.
IT ALSO CALCULATES THE AVERAGE TEMPERATURES ABOVE AND BELOW THE INTERFACE.

THERMOCOUPLE CHANNEL	HEIGHT ABOVE FLOOR
70	2.36
69	2.29
68	2.13
67	1.83
66	1.52
65	1.22
64	0.91
63	0.61
62	0.30
61	0.15
60	0.08

THE HEIGHT OF THE ROOM IS 2.44

THE FACTOR USED TO DETERMINE THE HOT/COLD INTERFACE TEMPERATURE WAS 15.0 PERCENT.

THE HEIGHT OF THE HOT/COLD INTERFACE IS STORED IN CREATED CHANNEL 208.
THE AVERAGE TEMPERATURE ABOVE THE INTERFACE IS STORED IN CREATED CHANNEL 209.
THE AVERAGE TEMPERATURE BELOW THE INTERFACE IS STORED IN CREATED CHANNEL 210.

"HOT/COLD"

NORTH ROOM CENTER

THIS SUBROUTINE DETERMINES THE HOT/COLD GAS INTERFACE HEIGHT
BASED ON A GIVEN PERCENTAGE OF THE DIFFERENCE BETWEEN THE HOTTEST AND COLDEST TEMPERATURES IN A PROFILE.
IT ALSO CALCULATES THE AVERAGE TEMPERATURES ABOVE AND BELOW THE INTERFACE.

THERMOCOUPLE CHANNEL	HEIGHT ABOVE FLOOR
81	2.36
80	2.29

76	1.22
75	0.91
74	0.61
73	0.30
72	0.15
71	0.08

THE HEIGHT OF THE ROOM IS 2.44

THE FACTOR USED TO DETERMINE THE HOT/COLD INTERFACE TEMPERATURE WAS 15.0 PERCENT.

THE HEIGHT OF THE HOT/COLD INTERFACE IS STORED IN CREATED CHANNEL 211.
THE AVERAGE TEMPERATURE ABOVE THE INTERFACE IS STORED IN CREATED CHANNEL 212.
THE AVERAGE TEMPERATURE BELOW THE INTERFACE IS STORED IN CREATED CHANNEL 213.

"HOT/COLD"

SOUTH ROOM CENTER

THIS SUBROUTINE DETERMINES THE HOT/COLD GAS INTERFACE HEIGHT
BASED ON A GIVEN PERCENTAGE OF THE DIFFERENCE BETWEEN THE HOTTEST AND COLDEST TEMPERATURES IN A PROFILE.
IT ALSO CALCULATES THE AVERAGE TEMPERATURES ABOVE AND BELOW THE INTERFACE.

THERMOCOUPLE CHANNEL	HEIGHT ABOVE FLOOR
92	2.36
90	2.13
87	1.22
86	0.91
85	0.61
84	0.30
82	0.08

THE HEIGHT OF THE ROOM IS 2.44

THE FACTOR USED TO DETERMINE THE HOT/COLD INTERFACE TEMPERATURE WAS 15.0 PERCENT.

THE HEIGHT OF THE HOT/COLD INTERFACE IS STORED IN CREATED CHANNEL 214.
THE AVERAGE TEMPERATURE ABOVE THE INTERFACE IS STORED IN CREATED CHANNEL 215.
THE AVERAGE TEMPERATURE BELOW THE INTERFACE IS STORED IN CREATED CHANNEL 216.

"HOT/COLD"

DOORWAY SOUTH ROOM

THIS SUBROUTINE DETERMINES THE HOT/COLD GAS INTERFACE HEIGHT
BASED ON A GIVEN PERCENTAGE OF THE DIFFERENCE BETWEEN THE HOTTEST AND COLDEST TEMPERATURES IN A PROFILE.
IT ALSO CALCULATES THE AVERAGE TEMPERATURES ABOVE AND BELOW THE INTERFACE.

101	1.96
100	1.83
99	1.52
98	1.22
97	0.91
96	0.61
95	0.30
94	0.15
93	0.08

THE HEIGHT OF THE ROOM IS 2.03

THE FACTOR USED TO DETERMINE THE HOT/COLD INTERFACE TEMPERATURE WAS 15.0 PERCENT.

THE HEIGHT OF THE HOT/COLD INTERFACE IS STORED IN CREATED CHANNEL 217.
THE AVERAGE TEMPERATURE ABOVE THE INTERFACE IS STORED IN CREATED CHANNEL 218.
THE AVERAGE TEMPERATURE BELOW THE INTERFACE IS STORED IN CREATED CHANNEL 219.

"HOT/COLD"

BURN ROOM (CENTER)

THIS SUBROUTINE DETERMINES THE HOT/COLD GAS INTERFACE HEIGHT
BASED ON A GIVEN PERCENTAGE OF THE DIFFERENCE BETWEEN THE HOTTEST AND COLDEST TEMPERATURES IN A PROFILE.
IT ALSO CALCULATES THE AVERAGE TEMPERATURES ABOVE AND BELOW THE INTERFACE.

THERMOCOUPLE CHANNEL	HEIGHT ABOVE FLOOR
112	2.36
111	2.29
110	2.13
109	1.83
108	1.52
106	0.91
105	0.61
104	0.30
102	0.08

THE HEIGHT OF THE ROOM IS 2.44

THE FACTOR USED TO DETERMINE THE HOT/COLD INTERFACE TEMPERATURE WAS 15.0 PERCENT.

THE HEIGHT OF THE HOT/COLD INTERFACE IS STORED IN CREATED CHANNEL 220.
THE AVERAGE TEMPERATURE ABOVE THE INTERFACE IS STORED IN CREATED CHANNEL 221.
THE AVERAGE TEMPERATURE BELOW THE INTERFACE IS STORED IN CREATED CHANNEL 222.

"HOT/COLD"

BURN ROOM (CENTER)

IT ALSO CALCULATES THE AVERAGE TEMPERATURES ABOVE AND BELOW THE INTERFACE.

THERMOCOUPLE CHANNEL	HEIGHT ABOVE FLOOR
121	1.96
120	1.83
119	1.52
118	1.22
117	0.91
116	0.61
115	0.30
114	0.15
113	0.08

THE HEIGHT OF THE ROOM IS 2.44

THE FACTOR USED TO DETERMINE THE HOT/COLD INTERFACE TEMPERATURE WAS 15.0 PERCENT.

THE HEIGHT OF THE HOT/COLD INTERFACE IS STORED IN CREATED CHANNEL 223.
THE AVERAGE TEMPERATURE ABOVE THE INTERFACE IS STORED IN CREATED CHANNEL 224.
THE AVERAGE TEMPERATURE BELOW THE INTERFACE IS STORED IN CREATED CHANNEL 225.

"HOT/COLD"

HALLWAY DOWNSTAIRS OUTSIDE BURN ROOM

THIS SUBROUTINE DETERMINES THE HOT/COLD GAS INTERFACE HEIGHT
BASED ON A GIVEN PERCENTAGE OF THE DIFFERENCE BETWEEN THE HOTTEST AND COLDEST TEMPERATURES IN A PROFILE.
IT ALSO CALCULATES THE AVERAGE TEMPERATURES ABOVE AND BELOW THE INTERFACE.

THERMOCOUPLE CHANNEL	HEIGHT ABOVE FLOOR
132	2.36
131	2.29
130	2.13
129	1.83
128	1.52
127	1.22
126	0.91
125	0.61
124	0.30
123	0.15
122	0.08

THE HEIGHT OF THE ROOM IS 2.99

THE FACTOR USED TO DETERMINE THE HOT/COLD INTERFACE TEMPERATURE WAS 15.0 PERCENT.

THE HEIGHT OF THE HOT/COLD INTERFACE IS STORED IN CREATED CHANNEL 226.
THE AVERAGE TEMPERATURE ABOVE THE INTERFACE IS STORED IN CREATED CHANNEL 227.
THE AVERAGE TEMPERATURE BELOW THE INTERFACE IS STORED IN CREATED CHANNEL 228.

"HOT/COLD"

SOFFIT NEAR STAIRS

THIS SUBROUTINE DETERMINES THE HOT/COLD GAS INTERFACE HEIGHT
BASED ON A GIVEN PERCENTAGE OF THE DIFFERENCE BETWEEN THE HOTTEST AND COLDEST TEMPERATURES IN A PROFILE.
IT ALSO CALCULATES THE AVERAGE TEMPERATURES ABOVE AND BELOW THE INTERFACE.

THERMOCOUPLE CHANNEL	HEIGHT ABOVE FLOOR
141	1.96
140	1.83
139	1.52
138	1.22
137	0.91
136	0.61
135	0.30
134	0.15
133	0.08

THE HEIGHT OF THE ROOM IS 2.69

THE FACTOR USED TO DETERMINE THE HOT/COLD INTERFACE TEMPERATURE WAS 15.0 PERCENT.

THE HEIGHT OF THE HOT/COLD INTERFACE IS STORED IN CREATED CHANNEL 229.
THE AVERAGE TEMPERATURE ABOVE THE INTERFACE IS STORED IN CREATED CHANNEL 230.
THE AVERAGE TEMPERATURE BELOW THE INTERFACE IS STORED IN CREATED CHANNEL 231.

"SPECIFY"

THE FOLLOWING CHANNEL NUMBERS WILL BE USED FOR THE NEXT 2CHANNEL(S) CREATED.
49 49

"COMPUTE"

TOWNHOUSE SCALE TOTAL WEIGHT LOSS

THE RESULTS OF THE COMPUTATION ...
(49 + 1.3657) * 222.64
... ARE STORED IN CHANNEL 49.

"SMOOTH"

"WT-RATE"

THE CALCULATIONS DONE HERE ARE BASED ON THE TOTAL WEIGHT LOSS FROM CHANNEL 49.

THE CORRESPONDING TIME CHANNEL IS 0.
THE RATE OF WEIGHT LOSS (KG/S) IS STORED IN CHANNEL 232.

WARNING! THE CALCULATED RATE OF WEIGHT LOSS FOR SCAN 3 IS LESS THAN ZERO.
THERE MAY BE ERRORS IN RATE OF WEIGHT LOSS AFTER THIS POINT.
THE ERROR MAY BE DUE TO DEBRIS FALLING ONTO LOAD PLATFORM.
THERE WILL BE NO FURTHER WARNINGS FOR THIS INSTRUMENT.

"MASS-FLOW-3"

THIS SUBROUTINE IS DESIGNED TO CALCULATE THE MASS FLOW RATE OF GAS THROUGH A DUCT OR OTHER EXHAUST WHERE THE GAS VELOCITY AND TEMPERATURE ARE KNOWN.

MASS FLOW RATE CHANNEL	VELOCITY CHANNEL	CROSS SECTIONAL AREA	TEMPERATURE		FLOW COEFF	AMBIENT TEMPERATURE	
			CHANNEL	CONSTANT		CHANNEL	CONSTANT
233	28	0.2	152	NA	0.90	NA	20.0

"HEAT-RATE-2"

THIS SUBROUTINE CALCULATES THE RATE OF HEAT RELEASE BASED ON OXYGEN DEPLETION AND IS ESPECIALLY SUITED FOR USE WHERE THE EXHAUST GASES ARE ANALYZED IN A COLLECTION HOOD OR DUCT.

RHR CHANNEL	OXYGEN CHANNEL	MASS FLOW RATE		CO2 CORRECTION CHANNEL	B	SPECIFIC ENERGY
		CHANNEL	CONSTANT			
234	29	233		31	1.5	13100.0

"COMPUTE"

FIND TOTAL RHR FROM BOTH HOODS

"RENAME"

END OF CONVERSIONS

TABLE OF CHANNELS CREATED FOR REDUCED DATA

KH	ITYPE	I.D.	INSTRUMENT DESCRIPTION		COLUMN
47	3	WTLOSS	TOTAL WEIGHT LOSS	(KG)	30
49	3	TWLTHS	TOTAL WEIGHT LOSS TOWNHOUSE SCALE	(KG)	31
200	3	STKAVG	AVERAGE STACK TEMPERATURE	(DEG C)	151
201	3	VELAVG	AVERAGE GAS VELOCITY IN THE STACK	(M/S)	152
202	3	MFLOW	MASS FLOW RATE OF GASES THRU STACK	(KG/S)	153
203	3	HRRST1	HEAT RR IN STACK METHOD 1 USING CHANNELS 50 AND 52	(KW)	154
204	3	HRRST1	HEAT RELEASE RATE IN STACK USING CHANNELS 50 AND 53	(KW)	155
205	3	HRRST2	HEAT RR IN STACK METHOD 2 USING CHANNELS 50 AND 52	(KW)	156
206	3	HRRST2	HEAT RELEASE RATE IN STACK USING CHANNELS 50 AND 53	(KW)	157
207	3	RWL	RATE OF WEIGHT LOSS	(KG/S)	158
208	3	HGTUHW	HEIGHT OF HOT/COLD INTERFACE UPSTAIRS HALLWAY	(M)	159
209	3	HI UHW	AVE TEMP ABOVE HOT/COLD INTERFACE UPSTAIRS HALLWAY	(DEG C)	160
210	3	LO UHW	AVE TEMP BELOW HOT/COLD INTERFACE UPSTAIRS HALLWAY	(DEG C)	161
211	3	HGTNRC	HEIGHT OF HOT/COLD INTERFACE NORTH ROOM CENTER	(M)	162
212	3	HI NRC	AVE TEMP ABOVE HOT/COLD INTERFACE NORTH ROOM CENTER	(DEG C)	163
213	3	LO NRC	AVE TEMP BELOW HOT/COLD INTERFACE NORTH ROOM CENTER	(DEG C)	164
214	3	HGTSRC	HEIGHT OF HOT/COLD INTERFACE SOUTH ROOM CENTER	(M)	165
215	3	HI SRC	AVE TEMP ABOVE HOT/COLD INTERFACE SOUTH ROOM CENTER	(DEG C)	166
216	3	LO SRC	AVE TEMP BELOW HOT/COLD INTERFACE SOUTH ROOM CENTER	(DEG C)	167
217	3	HGTDSR	HEIGHT OF HOT/COLD INTERFACE DOORWAY SOUTH ROOM	(M)	168
218	3	HI DSR	AVE TEMP ABOVE HOT/COLD INTERFACE DOORWAY SOUTH ROOM	(DEG C)	169
219	3	LO DSR	AVE TEMP BELOW HOT/COLD INTERFACE DOORWAY SOUTH ROOM	(DEG C)	170
220	3	HGTBRC	HEIGHT OF HOT/COLD INTERFACE BURN ROOM (CENTER)	(M)	171
221	3	HI BRC	AVE TEMP ABOVE HOT/COLD INTERFACE BURN ROOM (CENTER)	(DEG C)	172
222	3	LO BRC	AVE TEMP BELOW HOT/COLD INTERFACE BURN ROOM (CENTER)	(DEG C)	173
223	3	HGTBRC	HEIGHT OF HOT/COLD INTERFACE BURN ROOM CENTER	(M)	174
224	3	HI BRC	AVE TEMP ABOVE HOT/COLD INTERFACE BURN ROOM CENTER	(DEG C)	175
225	3	LO BRC	AVE TEMP BELOW HOT/COLD INTERFACE BURN ROOM CENTER	(DEG C)	176
226	3	HGTHWD	HGT OF HOT/COLD INTERFACE HALLWAY DNSTRS OUTSIDE BRM	(M)	177
227	3	HI HWD	AVE TEMP ABOVE H/C INTERFACE HWAY DNSTRS OUTSIDE BRM	(DEG C)	178
228	3	LO HWD	AVE TEMP BELOW H/C INTERFACE HWAY DNSTRS OUTSIDE BRM	(DEG C)	179
229	3	HGTSNS	HEIGHT OF HOT/COLD INTERFACE SOFFIT NEAR STAIRS	(M)	180
230	3	HI SNS	AVE TEMP ABOVE HOT/COLD INTERFACE SOFFIT NEAR STAIRS	(DEG C)	181
231	3	LO SNS	AVE TEMP BELOW HOT/COLD INTERFACE SOFFIT NEAR STAIRS	(DEG C)	182
232	3	RWLTHS	RATE OF WEIGHT LOSS TOWNHOUSE SCALE	(KG/S)	183
233	3	MFLOW	MASS FLOW RATE OF GAS THRU STACK	(KG/S)	184
234	3	HRR	HEAT RELEASE RATE THRU STACK	(KW)	185
235	3	RHRTH	FIND TOTAL RHR BOTH HOODS	(KW)	186

TABLE OF MULTIPLIERS
C 3= 1.000000

TABLE OF ADDERS
ADD 3= 0.000000

TABLE OF POWERS
POWER 3= 1.000000

INTERPRETATION OF CHANNEL ID'S CREATED BY THIS PROGRAM:

AVG - THE AVERAGE OF "N" READINGS

TABLE OF CHANNELS CREATED FOR REDUCED DATA

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206	3	HRRST2	HEAT RELEASE RATE IN STACK USING CHANNELS 50 AND 53	(KW)	157
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ADD 3= 0.000000

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POWER 3= 1.000000

INTERPRETATION OF CHANNEL ID'S CREATED BY THIS PROGRAM:

AVG - THE AVERAGE OF "N" READINGS

VNEG	- VOLUME FLOW RATE IN NEGATIVE DIRECTION (M**3/S)
VPOS	- VOLUME FLOW RATE IN POSITIVE DIRECTION (M**3/S)
MNEG	- MASS FLOW RATE IN NEGATIVE DIRECTION (KG/S)
MPOS	- MASS FLOW RATE IN POSITIVE DIRECTION (KG/S)
ENEG	- CONVECTIVE ENERGY TRANSFER RATE IN NEGATIVE DIRECTION (KW)
EPOS	- CONVECTIVE ENERGY TRANSFER RATE IN POSITIVE DIRECTION (KW)
VMFR	- MASS FLOW RATE OF GAS FROM VELOCITY AND DENSITY (KG/S)
%WL	- PERCENT WEIGHT LOSS
RWL	- RATE OF WEIGHT LOSS (KG/S)
HRO2	- RATE OF HEAT RELEASE BY OXYGEN CONSUMPTION METHOD (KW)
RHR	- RATE OF HEAT RELEASE BY ALTERNATE OXYGEN CONSUMPTION METHOD (KW)
HCHT	- HEIGHT OF THE HOT/COLD GAS INTERFACE (M)
HCHA	- AVERAGE TEMPERATURE ABOVE THE HOT/COLD INTERFACE (DEG C)
HCCA	- AVERAGE TEMPERATURE BELOW THE HOT/COLD INTERFACE (DEG C)

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

TIME (0)		O2FSNS (14)	COFSNS (15)	CO2FSS (16)	O2 BR (17)	O2FSTS (18)	O2FSTS (19)	SP BRD (24)	SP [illegible] (25)	SP SRD ([illegible]
-193.0	-193.0	20.27	0.6106	0.5553E-02	20.89	20.90	20.89	-.8078E-02	[illegible]	[illegible]
-181.0	-181.0	20.46	0.6074	0.3078	20.89	20.90	20.90	0.6579E-02	[illegible]	[illegible]
-169.0	-169.0	20.80	0.6085	1.158	20.89	20.90	20.89	0.7373E-02	[illegible]	[illegible]
-157.0	-157.0	20.61	0.6088	0.6671	20.89	20.90	20.89	0.1142E-01	[illegible]	[illegible]
-145.0	-145.0	20.86	0.6108	0.1051	20.89	20.90	20.89	0.8812E-03	[illegible]	[illegible]
-133.0	-133.0	20.68	0.6231	0.0000	20.89	20.90	20.90	0.4880E-03	[illegible]	0.1407
-121.0	-121.0	20.90	0.6122	0.5546	20.90	20.90	20.89	0.6290E-02	[illegible]	0.5258
-109.0	-109.0	20.59	0.6079	1.127	20.89	20.90	20.89	0.7997E-02	[illegible]	[illegible]
-97.00	-97.00	20.62	0.6107	1.351	20.89	20.90	20.89	-.9162E-02	[illegible]	[illegible]
-85.00	-85.00	20.79	0.6116	0.6694	20.89	20.90	20.89	0.6988E-01	[illegible]	[illegible]
-73.00	-73.00	20.45	0.6071	0.1329	20.89	20.90	20.90	0.1292E-02	0.2284E-01	0.8840E-01
-60.00	-60.00	20.62	0.6070	0.4884	20.89	20.90	20.90	-.2965E-02	0.2178E-01	0.7735E-01
-48.00	-48.00	20.60	0.6102	1.072	20.89	20.90	20.90	-.4253E-03	0.3062E-01	0.8652E-01
-36.00	-36.00	20.74	0.6074	1.302	20.88	20.90	20.89	-.5311E-01	0.2410E-01	0.8458E-01
-24.00	-24.00	20.95	0.6089	1.067	20.88	20.90	20.89	0.7733E-02	0.2846E-01	0.9643E-01
-12.00	-12.00	20.73	0.6131	0.2448	20.88	20.90	20.89	0.1050E-01	0.2994E-01	0.6973E-01
0.0000	0.0000	20.72	0.6083	0.8434E-01	20.88	20.90	20.89	-.1068	0.4082E-01	0.5952E-01
12.00	12.00	20.50	0.6082	1.047	20.88	20.88	20.89	-.2427	0.3548E-01	0.1219
24.00	24.00	20.49	0.6106	1.302	20.89	20.87	20.85	-.3204	0.2488E-01	0.1010
36.00	36.00	20.91	0.6112	36.00	36.00	20.91	0.6112	0.3949	20.89	20.88
49.00	49.00	21.03	0.6124	0.4179	20.88	20.88	20.43	-.3543	-.1516	0.7503E-01
61.00	61.00	21.02	0.6146	1.062	20.88	20.87	20.00	-.4385	-.2110	0.1172
73.00	73.00	20.78	0.6108	1.094	20.88	20.84	19.00	-.5637	-.4062	0.1928
85.00	85.00	20.55	0.6089	0.4895	20.87	20.80	16.86	-.7021	-.6641	0.3679
97.00	97.00	20.34	0.6100	0.3514	20.87	20.71	14.54	-1.120	-1.118	0.7435
109.0	109.0	20.66	0.6161	1.285	20.81	20.41	12.88	-1.051	-1.088	0.7152
121.0	121.0	20.68	0.6218	1.152	20.66	20.14	11.12	-1.499	-.9233	0.4019
134.0	134.0	20.29	0.6351	0.5510	20.62	19.70	8.969	-1.934	-1.139	0.7123
146.0	146.0	19.98	0.6813	1.467	20.46	19.18	7.190	-.9173	-1.388	0.5065
158.0	158.0	19.96	0.7443	1.054	20.28	18.38	5.971	-1.299	-1.188	0.4064
170.0	170.0	19.83	0.7508	0.5001	20.01	17.11	5.330	-.9271	-1.289	0.4754
182.0	182.0	20.07	0.7467	1.262	19.74	15.97	4.994	-1.071	-1.140	0.6138
194.0	194.0	19.94	0.7747	0.9027	19.56	14.76	4.677	-1.280	-.8453	0.4119
207.0	207.0	19.85	0.8097	1.237	19.60	13.11	4.251	-1.146	-.8867	0.3108
219.0	219.0	19.06	0.9440	1.966	19.15	11.94	3.985	-.9993	-.9515	0.4091
231.0	231.0	18.74	1.210	1.576	18.32	10.93	3.705	-1.361	-1.142	0.3791
243.0	243.0	17.03	1.703	2.638	17.57	9.768	3.356	-1.192	-.9688	0.3670
255.0	255.0	17.30	1.803	3.850	17.11	8.954	2.987	-1.101	-1.052	0.3183
267.0	267.0	16.59	1.889	3.465	16.23	8.256	2.646	-.6248	-.9787	0.4344
280.0	280.0	15.50	2.102	3.526	15.44	7.446	2.303	-.3092	-1.062	0.3079
292.0	292.0	15.40	2.158	4.338	14.58	6.763	2.135	-.1863	-.7072	0.3904
304.0	304.0	14.97	2.330	4.595	13.66	6.207	2.061	-.1951	-.8355	0.4528
316.0	316.0	14.46	2.483	5.664	13.34	5.652	2.010	-.3320	-.8666	0.3122
328.0	328.0	15.03	2.352	4.635	13.34	5.249	1.937	-.2648	-.7051	0.5357
341.0	341.0	14.62	2.424	4.978	12.07	4.788	1.761	-.3650	-1.058	0.3931
353.0	353.0	14.09	2.632	5.811	11.46	4.404	1.601	-.3345	-.8774	0.4446
365.0	365.0	13.27	2.868	5.648	11.07	4.167	1.502	-.4004	-.9139	0.3491
377.0	377.0	11.92	3.150	7.453	11.60	3.921	1.492	-.3795	-.7952	0.3960
389.0	389.0	13.00	2.959	7.320	11.65	3.586	1.401	-.2558	-.8570	0.3336
401.0	401.0	13.88	2.729	5.795	11.48	3.351	1.247	-.3310	-.7881	0.3901

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

TIME (0)		O2FSNS (14)	COFSNS (15)	CO2FSS (16)	O2 BR (17)	O2FSTS (18)	O2FSTS (19)	SP BRD (24)	SP STS (25)	SP SRD (26)
414.0	414.0	13.89	2.804	5.442	10.95	3.214	1.098	-.4150	[illegible]	0.2879
426.0	426.0	13.49	2.888	6.783	11.33	2.995	1.012	-.3073	[illegible]	0.3636
438.0	438.0	12.80	3.092	7.602	11.91	2.825	0.9937	-.4155	[illegible]	0.4077
450.0	450.0	13.09	3.046	6.226	10.98	2.628	0.9353	-.6349	[illegible]	0.2833
462.0	462.0	12.88	2.981	6.371	10.80	2.465	0.8885	-.2940	[illegible]	0.3466
474.0	474.0	12.39	3.051	7.350	10.90	2.332	0.8823	-.7700	[illegible]	0.3876
486.0	486.0	12.61	3.012	7.289	11.23	2.181	0.8696	-.6240	[illegible]	0.3057
499.0	499.0	12.50	3.020	6.814	10.33	2.123	0.8455	-1.073	[illegible]	0.2348
511.0	511.0	12.47	2.912	6.134	10.88	2.075	0.8152	-.5418	[illegible]	0.3093
523.0	523.0	13.56	2.703	6.701	9.955	1.984	0.8069	-.5317	[illegible]	0.2572
535.0	535.0	11.55	3.034	8.505	9.036	1.887	0.8369	-1.027	[illegible]	0.2730
547.0	547.0	11.59	2.850	7.352	8.739	1.787	0.8611	-.6920	[illegible]	0.3998
559.0	559.0	14.26	2.172	4.642	8.895	1.756	0.8881	-.5021	[illegible]	0.4137
571.0	571.0	14.91	2.095	4.994	8.272	1.735	0.9843	-.5185	[illegible]	0.3955
583.0	583.0	13.16	2.296	6.836	8.346	1.665	1.106	-.2913	[illegible]	0.3465
596.0	596.0	11.99	2.475	6.882	8.990	1.659	1.199	-.3394	[illegible]	0.3448
608.0	608.0	11.70	2.383	6.427	8.836	1.655	1.346	-.2292	[illegible]	0.2626
620.0	620.0	14.18	1.842	5.447	9.229	1.669	1.442	-.4103	[illegible]	0.3812
632.0	632.0	12.02	2.191	8.083	8.656	1.710	1.506	-.5794	[illegible]	0.3982
644.0	644.0	12.83	1.992	7.688	8.391	1.766	1.592	-.3431	-.8022	0.3827
656.0	656.0	12.45	2.011	7.554	8.431	1.812	1.653	-.3645	-.8584	0.3517
668.0	668.0	14.39	1.652	5.104	8.729	1.841	1.691	-.4815	-.9219	0.6550
680.0	680.0	13.89	1.796	5.236	8.289	1.895	1.753	-.3463	-.9077	0.2593
692.0	692.0	13.12	1.898	6.421	7.238	1.966	2.002	-.4526	-.7572	0.4688E-01
704.0	704.0	14.34	1.640	6.538	7.876	2.039	2.173	-.4716	-.7519	-.1558
716.0	716.0	14.08	1.440	6.046	7.277	2.104	2.045	-1.042	-.7617	0.3838
729.0	729.0	13.66	1.449	5.584	8.036	2.170	1.999	-.4392	-.9436	0.2413
741.0	741.0	13.19	1.554	5.985	7.338	2.244	2.219	-.5985	-.6551	0.3642
753.0	753.0	12.88	1.550	6.796	6.072	2.313	2.237	-1.170	-.6882	0.2831
765.0	765.0	13.01	1.513	7.608	5.413	2.371	2.131	-.7238	-.8069	0.2355
777.0	777.0	12.80	1.483	7.420	6.108	2.431	2.083	-1.028	-.6808	0.1863
789.0	789.0	13.32	1.620	6.278	6.513	2.477	2.127	-.7947	-.6857	0.3162
801.0	801.0	13.08	1.537	5.813	6.552	2.520	2.294	-.9757	-.7262	0.2933
813.0	813.0	12.96	1.494	6.990	6.581	2.561	2.476	-.8545	-.5405	0.3044
826.0	826.0	13.17	1.408	6.264	6.463	2.590	2.712	-.5683	-.6251	0.2137
838.0	838.0	13.38	1.344	6.133	6.753	2.642	2.951	-.5622	-.6511	0.2999
850.0	850.0	13.29	1.328	6.802	7.044	2.720	3.131	-.5607	-.5495	0.1644
862.0	862.0	13.64	1.278	6.823	7.398	2.804	3.359	-.5427	-.7173	0.3594
874.0	874.0	12.64	1.382	7.086	7.861	2.912	3.602	-.5897	-.6761	0.2209
886.0	886.0	12.90	1.336	6.312	7.492	3.030	3.848	-.5725	-.6265	0.2544
898.0	898.0	14.44	1.197	5.450	7.177	3.139	4.015	-.7146	-.6782	0.2216
910.0	910.0	14.41	1.171	6.149	7.365	3.280	4.106	-.1979	-.9045	0.2826
923.0	923.0	13.99	1.177	5.807	8.124	3.459	4.125	-.5132	-.6880	0.2059
935.0	935.0	13.40	1.191	6.285	9.354	3.620	4.162	-.5454	-.7578	0.1967
947.0	947.0	13.54	1.153	6.778	9.543	3.760	4.292	-.6192	-.5118	0.3067
959.0	959.0	12.84	1.168	6.487	9.627	3.861	4.343	-.3622	-.4811	0.2621
971.0	971.0	11.96	1.232	8.308	9.695	3.959	4.485	-.1158E-01	-.5879	0.2108
984.0	984.0	11.80	1.221	8.360	10.21	4.070	4.771	0.4658E-01	-.4905	0.2199
996.0	996.0	12.75	1.122	6.586	10.26	4.198	5.017	-.1846	-.8156	0.3015
1008.	1008.	10.87	1.306	9.997	10.14	4.311	5.227	0.8790E-02	-.9702	0.2768

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	TIME (0)	O2FSNS (14)	COFSNS (15)	CO2FSS (16)	O2 BR (17)	O2FSTS (18)	O2FSTS (19)	SP BRD (24)	SP [illegible] (25)	SP [illegible] (26)
1020.	1020.	11.47	1.223	8.690	10.19	4.460	5.339	-.1571	[illegible]	0.2865
1032.	1032.	11.85	1.136	7.324	10.03	4.608	5.393	-.4330	[illegible]	0.1571
1044.	1044.	12.44	1.098	8.140	10.23	4.715	5.455	-.8818E-02	[illegible]	0.2056
1057.	1057.	13.14	1.029	6.176	10.62	4.876	5.549	-.3151	[illegible]	0.2011
1069.	1069.	10.42	1.064	9.360	10.52	4.967	4.992	-.4598	[illegible]	0.1894
1081.	1081.	12.25	1.007	7.968	12.93	4.994	4.635	-.2667E-01	[illegible]	0.4029
1093.	1093.	12.59	1.017	6.454	11.51	5.083	5.325	-.4184E-01	[illegible]	0.3722
1105.	1105.	12.66	1.031	7.549	14.95	5.193	6.245	0.6316	[illegible]	0.2645
1118.	1118.	13.77	0.9876	5.871	17.01	5.299	7.253	0.5247	[illegible]	0.2980
1130.	1130.	14.75	0.9510	5.510	17.91	5.428	8.054	0.5857	[illegible]	0.3328
1142.	1142.	14.82	0.9410	5.500	18.74	5.663	8.683	0.8302	[illegible]	0.3069
1154.	1154.	14.97	0.9385	4.613	18.94	5.949	9.190	0.4983	[illegible]	0.2536
1166.	1166.	15.17	0.9267	5.251	18.67	6.191	9.650	0.4972	[illegible]	0.2658
1179.	1179.	15.30	0.9312	4.388	18.28	6.672	10.14	0.3363	[illegible]	0.2578
1191.	1191.	15.20	0.9297	5.232	16.96	7.149	10.50	0.6837	[illegible]	0.2170
1203.	1203.	14.97	0.9486	4.429	17.74	7.444	10.82	0.3781	[illegible]	0.1408
1215.	1215.	15.43	0.9505	5.143	18.81	7.747	11.07	0.7365	[illegible]	0.2088
1228.	1228.	14.91	0.9524	4.284	19.38	8.158	11.29	0.6329	[illegible]	0.3933
1240.	1240.	15.46	0.9636	4.732	18.78	8.656	11.52	0.4090	[illegible]	0.1203
1252.	1252.	16.27	0.9428	4.850	19.01	9.036	11.81	0.4945	[illegible]	0.2704
1264.	1264.	16.10	0.9461	3.563	19.48	9.277	12.22	0.5802	-.3399	0.2595
1276.	1276.	15.87	0.9644	4.577	19.74	9.633	12.61	0.7375	-.5559	0.4715
1289.	1289.	15.76	0.9810	3.799	19.89	10.01	12.99	0.6579	-.4818	0.5115
1301.	1301.	16.36	0.9558	3.034	19.94	10.30	13.26	0.5426	-.5873	0.4914
1313.	1313.	16.64	0.9445	4.044	20.01	10.58	13.49	0.6927	-.5082	-.1822
1325.	1325.	17.57	0.9369	3.334	20.00	10.99	13.72	0.6678	-.3855	0.2377
1337.	1337.	17.54	0.9614	2.981	20.08	11.21	14.00	0.7888	-.3930	0.1764
1349.	1349.	17.29	1.007	4.041	20.07	11.29	14.24	0.5446	-.4642	0.1428
1362.	1362.	17.55	0.9935	4.318	20.08	11.70	14.44	0.6195	-.5566	0.3396
1374.	1374.	17.51	1.033	4.123	19.94	12.08	14.68	0.8494	-.4876	0.2448
1386.	1386.	17.27	1.049	3.377	19.99	12.37	14.83	0.7601	-.4701	0.1491
1398.	1398.	18.91	0.9986	3.032	20.05	12.65	14.94	0.7382	-.4459	0.1486
1410.	1410.	20.96	0.9446	3.158	20.11			0.8251	-.4509	0.2624
1422.	1422.							0.7935	-.4055	0.2194
MINIMUM:	-193.0	10.42	0.6070	0.0000	5.413	1.655	0.8069	-1.934	-1.388	-.1822
AT SCAN:	1	105	12	6	80	67	60	28	29	125
MAXIMUM:	1422.	21.03	3.150	9.997	20.90	20.90	20.90	0.8494	0.4082E-01	0.7435
AT SCAN:	134	21	48	100	7	12	6	130	17	25
AVERAGE:	613.7	15.79	1.395	4.516	14.54	8.847	7.971	-.2616	-.6128	0.2819

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	VEL FC (28)	O2 FC (29)	CO FC (30)	CO2 FC (31)	O2 SRF (32)	CO2SRF (33)	CO SRF (34)	O2 SR (35)	CO2SRC (36)	CO SRC (37)
-193.0	0.5861	20.90	0.0000	0.4777E-01	20.91	0.4871E-01	0.3061E-03	20.90	[illegible]	0.0000
-181.0	0.5992	20.95	0.0000	0.4765E-01	20.90	0.5033E-01	0.5469E-03	20.90	[illegible]	[illegible]
-169.0	0.5992	20.98	0.0000	0.4492E-01	20.90	0.5161E-01	0.7245E-03	20.90	[illegible]	0.1535E-02
-157.0	0.6445	20.92	0.0000	0.4551E-01	20.90	0.5173E-01	0.6553E-03	20.90	[illegible]	[illegible]
-145.0	0.6054	20.97	0.0000	0.4689E-01	20.91	0.5423E-01	0.3058E-03	20.90	[illegible]	0.0000
-133.0	0.5977	20.98	0.0000	0.4810E-01	20.91	0.5464E-01	0.1152E-03	20.90	[illegible]	0.0000
-121.0	0.5992	20.94	0.0000	0.4842E-01	20.91	0.5156E-01	0.7388E-04	20.90	[illegible]	0.0000
-109.0	0.5992	20.96	0.0000	0.4754E-01	20.90	0.5056E-01	0.2017E-03	20.90	[illegible]	0.0000
-97.00	0.5992	20.91	0.0000	0.4807E-01	20.91	0.5152E-01	0.2828E-03	20.90	[illegible]	[illegible]
-85.00	0.5992	20.91	0.0000	0.4746E-01	20.91	0.5262E-01	0.1486E-03	20.90	[illegible]	[illegible]
-73.00	0.5992	20.91	0.0000	0.4882E-01	20.91	0.5112E-01	0.4032E-04	20.90	[illegible]	[illegible]
-60.00	0.5992	20.94	0.0000	0.5086E-01	20.90	0.4853E-01	0.2323E-03	20.90	[illegible]	[illegible]
-48.00	0.6445	20.93	0.0000	0.4861E-01	20.90	0.5055E-01	0.2373E-03	20.90	0.6733E-01	0.0000
-36.00	0.6565	20.98	0.0000	0.5162E-01	20.90	0.5192E-01	0.4743E-04	20.90	0.6596E-01	0.0000
-24.00	0.6112	20.96	0.0000	0.4870E-01	20.90	0.5217E-01	0.0000	20.90	0.6829E-01	0.0000
-12.00	0.5992	20.93	0.0000	0.4923E-01	20.90	0.5086E-01	0.1474E-03	20.90	0.7315E-01	0.0000
0.0000	0.5992	20.93	0.0000	0.4766E-01	20.90	0.4825E-01	0.4490E-03	20.90	0.8111E-01	0.0000
12.00	0.5992	20.97	0.0000	0.4596E-01	20.91	0.4656E-01	0.4482E-03	20.90	0.8386E-01	0.0000
24.00	0.5992	20.94	0.0000	0.4747E-01	20.90	0.4744E-01	0.2193E-03	20.90	0.8603E-01	0.1036E-02
36.00	0.5992	20.91	0.0000	0.4730E-01	20.91	0.5082E-01	0.2104E-03	20.90	0.8812E-01	0.4011E-02
49.00	0.5992	20.94	0.0000	0.4882E-01	20.91	0.5240E-01	0.2924E-03	20.90	0.7944E-01	0.3726E-02
61.00	0.6452	20.98	0.0000	0.4869E-01	20.92	0.5375E-01	0.2488E-03	20.88	0.9043E-01	0.4848E-03
73.00	0.6614	20.93	0.0000	0.5101E-01	20.91	0.5346E-01	0.1983E-03	20.76	0.1781	0.0000
85.00	0.6727	20.87	0.0000	0.8342E-01	20.90	0.5174E-01	0.2365E-03	20.44	0.4456	0.0000
97.00	0.6903	20.79	0.9795E-03	0.1679	20.90	0.5254E-01	0.3555E-03	19.76	1.030	0.8662E-02
109.0	0.7486	20.58	0.1404E-01	0.3273	20.90	0.5153E-01	0.6179E-03	18.69	1.936	0.1068
121.0	0.7284	20.32	0.6479E-01	0.5201	20.90	0.4903E-01	0.6496E-03	17.35	3.029	0.4164
134.0	0.7223	19.98	0.1921	0.7590	20.89	0.5737E-01	0.3019E-03	15.68	4.350	1.079
146.0	0.7353	19.57	0.3791	1.081	20.84	0.8132E-01	0.1056E-02	14.18	5.547	1.806
158.0	0.6959	19.06	0.5852	1.425	20.70	0.1833	0.7385E-02	12.59	6.909	2.552
170.0	0.7438	18.75	0.7221	1.697	20.39	0.4134	0.3462E-01	11.05	8.321	3.148
182.0	0.7631	18.45	0.8253	1.994	19.89	0.7756	0.1224	9.854	9.492	3.470
194.0	0.7682	18.25	0.8678	2.193	19.16	1.328	0.2794	8.817	10.55	3.671
207.0	0.7726	18.07	0.8962	2.354	18.08	2.147	0.5417	7.886	11.52	3.809
219.0	0.8265	17.87	0.9220	2.518	16.86	3.044	0.9009	7.207	12.24	3.880
231.0	0.8464	17.74	0.9259	2.661	15.68	3.933	1.270	6.631	12.85	3.878
243.0	0.8478	17.56	0.9201	2.806	14.74	4.671	1.566	6.120	13.43	3.816
255.0	0.8511	17.41	0.9011	2.928	13.65	5.553	1.929	5.646	13.98	3.730
267.0	0.8511	17.31	0.8860	3.030	12.41	6.582	2.354	5.152	14.57	3.700
280.0	0.9007	17.28	0.9003	3.119	11.08	7.814	2.803	4.644	15.16	3.814
292.0	0.9115	17.18	0.9458	3.200	9.753	9.115	3.239	4.259	15.58	3.998
304.0	0.9150	17.08	0.9826	3.255	8.744	10.16	3.488	3.902	15.98	4.222
316.0	0.9187	17.05	1.032	3.270	8.372	10.57	3.525	3.601	16.30	4.482
328.0	0.9160	17.01	1.079	3.333	7.710	11.34	3.526	3.332	16.57	4.655
341.0	0.9197	16.93	1.106	3.430	6.789	12.42	3.525	3.093	[illegible]	[illegible]
353.0	0.8722	16.91	1.125	3.440	6.765	12.46	3.526	2.909	16.95	4.809
365.0	0.8614	16.83	1.153	3.506	6.137	13.22	3.526	2.702	17.12	4.877
377.0	0.8607	16.79	1.156	3.546	5.374	14.13	3.526	2.525	17.25	4.908
389.0	0.9072	16.73	1.142	3.533	5.004	14.54	3.525	2.407	17.33	4.881
401.0	0.9226	16.84	1.105	3.470	4.852	14.72	3.526	2.290	17.43	4.839

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	VEL FC (28)	O2 FC (29)	CO FC (30)	CO2 FC (31)	O2 SRF (32)	CO2SRF (33)	CO SRF (34)	O2 SR (35)	CO2SRC (36)	CO SRC (37)
414.0	0.9241	16.74	1.116	3.520	5.034	14.51	3.526	2.132	[illegible]	4.856
426.0	0.9265	16.62	1.155	3.607	4.863	14.73	3.526	1.984	[illegible]	4.540
438.0	0.9255	16.62	1.140	3.671	4.196	15.53	3.526	1.855	[illegible]	4.720
450.0	0.9297	16.64	1.088	3.668	3.666	16.18	3.526	1.749	[illegible]	4.568
462.0	0.9291	16.57	1.051	3.666	3.485	16.43	3.526	1.651	[illegible]	4.431
474.0	0.9314	16.51	1.023	3.711	3.556	16.37	3.526	1.577	[illegible]	4.289
486.0	0.9297	16.61	0.9756	3.685	3.601	16.35	3.526	1.510	18.26	4.129
499.0	0.9290	16.63	0.9348	3.680	3.217	16.81	3.526	1.445	18.33	3.973
511.0	0.9338	16.60	0.9129	3.700	2.629	17.51	3.526	1.400	18.39	3.846
523.0	0.9364	16.50	0.8914	3.759	2.247	17.96	3.526	1.345	18.48	3.700
535.0	0.9385	16.48	0.8544	3.768	2.444	17.68	3.526	1.290	18.58	3.568
547.0	0.9426	16.54	0.8267	3.786	2.588	17.52	3.526	1.260	18.65	3.451
559.0	0.9851	16.56	0.7899	3.778	2.230	18.03	3.526	1.254	18.72	3.298
571.0	0.9970	16.53	0.7542	3.842	2.022	18.35	3.526	1.251	18.79	3.083
583.0	0.9990	16.54	0.7050	3.850	2.087	18.30	3.526	1.266	18.86	2.863
596.0	1.046	16.54	0.6517	3.845	1.996	18.50	3.526	1.326	18.90	2.629
608.0	1.018	16.47	0.6009	3.852	1.943	18.63	3.526	1.406	18.89	2.407
620.0	1.007	16.53	0.5501	3.858	1.857	18.83	3.527	1.505	18.84	2.204
632.0	1.008	16.55	0.5013	3.835	1.729	19.09	3.528	1.587	18.83	2.012
644.0	1.011	16.56	0.4604	3.829	1.684	19.24	3.363	1.647	18.84	1.842
656.0	1.013	16.58	0.4280	3.841	1.638	19.41	3.004	1.708	18.83	1.704
668.0	1.019	16.58	0.3942	3.853	1.670	19.39	2.713	1.772	18.82	1.578
680.0	1.017	16.51	0.3663	3.895	1.760	19.31	2.554	1.823	18.82	1.464
692.0	1.016	16.60	0.3440	3.896	1.810	19.33	2.398	1.880	18.78	1.384
704.0	1.017	16.56	0.3277	3.896	1.844	19.30	2.398	1.994	18.65	1.311
716.0	1.016	16.56	0.3121	3.881	1.879	19.27	2.458	2.119	18.52	1.235
729.0	1.062	16.68	0.2841	3.750	1.880	19.39	2.250	2.166	18.48	1.201
741.0	1.070	16.79	0.2828	3.713	1.882	19.53	1.996	2.174	18.46	1.199
753.0	1.068	16.82	0.2743	3.721	1.947	19.57	1.783	2.262	18.38	1.169
765.0	1.067	16.79	0.2679	3.757	2.049	19.45	1.712	2.343	18.32	1.156
777.0	1.067	16.88	0.2685	3.686	2.109	19.37	1.633	2.345	18.33	1.186
789.0	1.066	16.90	0.2715	3.613	2.141	19.30	1.605	2.327	18.38	1.200
801.0	1.065	16.84	0.2744	3.623	2.210	19.22	1.561	2.318	18.41	1.197
813.0	1.062	16.81	0.2776	3.652	2.274	19.20	1.435	2.356	18.39	1.184
826.0	1.063	16.80	0.2717	3.653	2.275	19.20	1.465	2.456	18.28	1.141
838.0	1.062	16.91	0.2622	3.648	2.278	19.23	1.455	2.573	18.16	1.113
850.0	1.019	16.84	0.2577	3.676	2.322	19.21	1.386	2.729	17.98	1.084
862.0	1.008	17.00	0.2460	3.558	2.347	19.23	1.354	2.902	17.79	1.038
874.0	1.008	17.00	0.2379	3.523	2.369	19.25	1.351	3.066	17.62	0.9952
886.0	1.049	16.91	0.2334	3.572	2.427	19.16	1.298	3.248	17.42	0.9520
898.0	1.016	16.98	0.2213	3.498	2.543	18.93	1.229	3.462	17.19	0.9178
910.0	1.004	17.04	0.2145	3.463	2.716	18.66	1.170	3.650	17.01	0.8960
923.0	1.005	17.21	0.2024	3.401	2.898	18.42	1.111	3.794	16.86	0.8724
935.0	1.051	17.08	0.1990	3.455	3.015	18.26	1.077	3.903	16.76	0.8561
947.0	1.063	17.11	0.1965	3.486	3.085	18.22	1.067	3.988	16.70	0.8458
959.0	1.063	17.13	0.1902	3.459	3.228	18.08	1.036	4.081	16.62	0.8290
971.0	1.066	17.12	0.1868	3.411	3.367	17.88	1.006	4.181	16.50	0.8046
984.0	1.066	17.10	0.1858	3.406	3.496	17.73	0.9713	4.286	16.40	0.7700
996.0	1.066	17.18	0.1803	3.387	3.587	17.69	0.9586	4.438	16.26	0.7209
1008.	1.065	17.23	0.1700	3.369	3.675	17.57	0.9440	4.622	16.05	0.6628

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	VEL FC (28)	O2 FC (29)	CO FC (30)	CO2 FC (31)	O2 SRF (32)	CO2SRF (33)	CO SRF (34)	O2 SR (35)	CO2SRC (36)	CO SRC (37)
1020.	1.065	17.19	0.1618	3.334	3.719	17.48	0.9357	4.811	15.95	0.6091
1032.	1.066	17.23	0.1579	3.393	3.652	17.53	0.9570	4.969	15.83	0.5885
1044.	1.065	17.32	0.1491	3.311	3.754	17.39	0.9364	5.096	15.54	0.5333
1057.	1.068	17.19	0.1457	3.336	3.906	17.20	0.8990	5.211	15.41	0.4978
1069.	1.027	17.21	0.1416	3.303	4.024	17.07	0.8732	5.315	15.26	0.4922
1081.	1.020	17.19	0.1453	3.322	4.302	16.72	0.8129	5.260	15.29	0.5721
1093.	1.019	17.20	0.1811	3.325	4.589	16.37	0.7552	5.052	15.58	0.6879
1105.	1.017	17.38	0.1879	3.212	4.718	16.21	0.7338	5.054	15.51	0.7156
1118.	1.016	17.42	0.1734	3.216	4.719	16.21	0.7370	5.460	15.10	0.6650
1130.	1.014	17.44	0.1627	3.115	4.767	16.16	0.7385	5.996	14.53	0.6405
1142.	0.9657	17.59	0.1605	3.011	4.883	16.03	0.7280	6.591	13.87	0.6363
1154.	0.9978	17.71	0.1598	2.887	5.007	15.84	0.7297	7.123	13.27	0.6414
1166.	1.009	17.85	0.1597	2.769	5.134	15.64	0.7411	7.592	12.74	0.6493
1179.	1.009	17.88	0.1610	2.661	5.368	15.34	0.7309	8.149	12.14	0.6543
1191.	1.006	17.95	0.1633	2.567	5.565	15.09	0.7172	8.625	11.64	0.6717
1203.	1.005	18.08	0.1694	2.486	5.799	14.78	0.7094	9.044	11.19	0.6980
1215.	1.004	18.15	0.1723	2.380	6.068	14.42	0.7043	9.411	10.80	0.7229
1228.	0.9566	18.28	0.1791	2.310	6.207	14.23	0.7004	9.811	10.39	0.7333
1240.	0.9445	18.38	0.1792	2.210	6.413	13.96	0.7019	10.18	10.01	0.7365
1252.	0.9423	18.42	0.1779	2.168	6.995	13.21	0.7069	10.49	9.718	0.7455
1264.	0.9399	18.46	0.1787	2.118	7.619	12.40	0.7127	10.75	9.477	0.7527
1276.	0.9389	18.61	0.1750	2.050	7.905	12.05	0.7175	10.99	9.235	0.7492
1289.	0.9378	18.67	0.1737	1.991	7.862	12.15	0.7159	11.35	8.888	0.7401
1301.	0.9358	18.70	0.1717	1.911	7.878	12.17	0.7154	11.71	8.533	0.7327
1313.	0.9353	18.81	0.1731	1.866	8.483	11.46	0.7220	12.07	8.178	0.7128
1325.	0.9331	18.91	0.1704	1.798	8.907	10.95	0.7231	12.39	7.875	0.6901
1337.	0.9324	18.86	0.1693	1.757	9.211	10.59	0.7241	12.64	7.642	0.6801
1349.	0.9319	19.00	0.1649	1.697	9.624	10.12	0.7281	12.87	7.428	0.6727
1362.	0.9310	19.10	0.1590	1.629	9.938	9.791	0.7275	13.12	7.209	0.6627
1374.	0.9308	19.15	0.1524	1.548	10.62	9.066	0.7255	13.40	6.938	0.6452
1386.	0.9304	19.22	0.1502	1.523	10.78	8.883	0.7215	13.67	6.679	0.6225
1398.	0.9745	19.21	0.1465	1.468	10.64	9.035	0.7165	13.88	6.472	0.6048
1410.	0.9851	19.22	0.1435	1.427						
MINIMUM:	0.5861	16.47	0.0000	0.4492E-01	1.638	0.4656E-01	0.0000	1.251	0.6334E-01	0.0000
AT SCAN:	1	67	1	3	71	18	15	64	5	1
MAXIMUM:	1.070	20.98	1.156	3.896	20.92	19.57	3.528	20.90	18.90	4.908
AT SCAN:	78	22	48	75	22	79	69	21	66	48
AVERAGE:	0.8963	18.10	0.3839	2.477	9.069	11.52	1.437	8.399	11.97	1.620

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	STVEL9 (38)	STVEL8 (39)	STVEL7 (40)	STVEL6 (41)	STVEL5 (42)	STVEL4 (43)	STVEL3 (44)	STVEL2 (45)	STVEL1 (46)	KTLOSS (47)
-193.0	2.395	2.926	2.896	2.734	0.0000	0.0000	2.867	3.074	[illegible]	-.3725E-03
-181.0	2.282	2.711	2.974	2.815	0.0000	0.0000	2.819	3.343	[illegible]	0.1157E-03
-169.0	2.318	2.685	2.880	2.548	0.0000	0.0000	2.722	3.649	[illegible]	0.1157E-03
-157.0	2.268	2.683	2.966	2.639	0.0000	0.0000	2.881	3.364	[illegible]	0.0000
-145.0	2.386	2.766	2.811	2.566	0.0000	0.0000	2.724	3.409	[illegible]	0.7542
-133.0	2.155	2.773	2.873	2.610	0.0000	0.0000	2.883	3.169	[illegible]	0.7542
-121.0	2.448	3.048	2.903	2.722	0.0000	0.0000	2.297	3.219	[illegible]	0.7542
-109.0	2.329	3.054	3.090	2.589	0.0000	0.0000	2.647	3.273	[illegible]	0.0000
-97.00	2.409	2.953	2.995	2.553	0.0000	0.0000	2.583	3.394	[illegible]	0.4626E-03
-85.00	2.481	3.174	3.088	2.560	0.0000	0.0000	2.542	3.218	[illegible]	0.6939E-03
-73.00	2.251	2.977	3.194	2.776	0.0000	0.0000	2.683	3.213	[illegible]	0.7124E-03
-60.00	2.198	2.761	2.871	2.671	0.0000	0.0000	2.613	3.391	[illegible]	0.2219E-03
-48.00	2.358	2.964	3.039	2.638	0.0000	0.0000	2.504	3.369	3.053	0.0000
-36.00	2.389	2.949	2.889	2.497	0.0000	0.0000	2.765	3.569	3.283	0.0000
-24.00	2.356	2.955	3.120	2.723	0.0000	0.0000	2.729	3.297	2.884	0.0000
-12.00	2.243	2.794	2.939	2.562	0.0000	0.0000	2.744	3.617	3.181	0.0000
0.0000	2.274	2.908	2.992	2.642	0.0000	0.0000	2.842	3.506	3.057	0.0000
12.00	2.392	3.031	2.961	2.566	0.0000	0.0000	2.565	3.447	3.367	0.0000
24.00	2.419	3.012	3.070	2.683	0.0000	0.0000	2.478	3.386	3.210	0.0000
36.00	2.421	2.735	2.839	2.763	0.0000	0.0000	3.220	3.525	3.221	0.0000
49.00	2.481	2.993	2.825	2.669	0.0000	0.0000	2.739	3.438	3.323	0.0000
61.00	2.434	3.111	3.204	2.685	0.0000	0.0000	2.619	3.448	3.357	0.1848E-02
73.00	2.457	3.163	3.176	2.671	0.0000	0.0000	2.584	3.399	3.318	0.1848E-02
85.00	2.404	3.271	3.414	2.597	0.0000	0.0000	2.288	3.349	3.257	0.1848E-02
97.00	2.640	2.991	2.989	2.827	0.0000	0.0000	2.385	3.051	3.265	0.0000
109.0	2.540	3.067	3.161	2.915	0.0000	0.0000	2.332	3.223	3.131	0.4622E-02
121.0	2.278	2.847	2.872	2.742	0.0000	0.0000	2.673	3.418	3.282	0.5029E-01
134.0	2.372	3.119	2.995	2.699	0.0000	0.0000	2.652	3.459	3.246	0.9817E-01
146.0	2.672	3.149	3.236	3.058	0.0000	0.0000	2.476	3.051	3.813	0.1317
158.0	3.001	3.302	3.616	3.342	0.0000	0.0000	2.769	3.866	6.220	0.1199
170.0	3.097	3.771	3.880	3.386	0.0000	0.0000	2.536	3.914	7.377	0.1116
182.0	2.929	3.508	3.939	3.218	0.0000	0.0000	2.944	4.131	7.058	0.1067
194.0	2.936	3.393	3.910	3.476	0.0000	0.0000	3.053	3.925	6.357	0.1039
207.0	2.970	3.461	3.836	3.193	0.0000	0.0000	2.812	3.909	5.442	0.1028
219.0	2.946	3.378	3.585	3.320	0.0000	0.0000	2.850	4.041	4.912	0.1014
231.0	2.889	3.503	3.580	3.284	0.0000	0.0000	2.707	3.918	4.874	0.1019
243.0	3.121	3.479	3.741	3.297	0.0000	0.0000	2.904	4.140	4.603	0.1014
255.0	2.918	3.317	3.562	3.151	0.0000	0.0000	2.853	4.301	4.887	0.1033
267.0	3.079	3.635	3.669	3.318	0.0000	0.0000	2.505	3.920	4.499	0.7140E-01
280.0	3.167	3.625	3.759	3.297	0.0000	0.0000	2.993	3.784	4.093	0.3391E-01
292.0	2.871	3.402	3.569	3.350	0.0000	0.0000	2.990	3.803	4.332	0.0000
304.0	3.132	3.447	3.787	3.263	0.0000	0.0000	2.818	3.864	4.431	0.0000
316.0	3.290	3.614	3.701	3.591	0.0000	0.0000	2.694	3.579	4.366	0.0000
328.0	3.098	3.676	4.032	3.400	0.0000	0.0000	3.093	3.847	4.830	0.0000
341.0	2.939	3.641	3.948	3.385	0.0000	0.0000	3.039	4.124	4.691	0.0000
353.0	3.127	3.778	4.008	3.382	0.0000	0.0000	2.681	3.843	4.673	0.0000
365.0	2.917	3.684	3.877	3.190	0.0000	0.0000	2.716	4.176	4.469	0.0000
377.0	3.150	3.711	3.739	3.297	0.0000	0.0000	2.536	3.981	4.194	0.0000
389.0	2.949	3.853	3.775	3.344	0.0000	0.0000	2.697	3.672	3.843	0.0000
401.0	3.129	3.723	3.884	3.504	0.0000	0.0000	2.695	3.592	3.484	0.0000

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	STVEL9 (38)	STVEL8 (39)	STVEL7 (40)	STVEL6 (41)	STVEL5 (42)	STVEL4 (43)	STVEL3 (44)	STVEL2 (45)	STVEL1 (46)	WTLOSS (47)
414.0	3.122	3.721	3.866	3.679	0.0000	0.0000	2.671	3.668	3.725	0.0000
426.0	3.172	3.583	3.922	3.549	0.0000	0.0000	2.832	4.168	3.[illegible]	0.0000
438.0	3.152	3.633	3.938	3.561	0.0000	0.0000	3.189	4.436	3.[illegible]	0.0000
450.0	3.140	3.643	4.010	3.581	0.0000	0.0000	3.165	4.332	3.[illegible]	0.0000
462.0	3.054	3.463	3.940	3.512	0.0000	0.0000	3.307	4.236	3.[illegible]	0.0000
474.0	3.085	3.502	3.767	3.536	0.0000	0.0000	2.968	4.059	4.[illegible]	0.0000
486.0	3.171	3.556	3.580	3.556	0.0000	0.0000	2.985	3.759	4.[illegible]	0.0000
499.0	3.303	3.600	3.931	3.545	0.0000	0.0000	2.980	3.696	4.104	0.0000
511.0	3.034	3.504	3.917	3.407	0.0000	0.0000	2.818	3.920	3.[illegible]	0.0000
523.0	2.931	3.652	3.787	3.476	0.0000	0.0000	3.027	3.849	3.383	0.0000
535.0	3.109	3.559	3.771	3.534	0.0000	0.0000	2.769	3.940	3.208	0.0000
547.0	2.941	3.561	3.748	3.209	0.0000	0.0000	2.789	4.246	3.524	0.0000
559.0	3.093	3.632	3.720	3.322	0.0000	0.0000	2.808	3.915	3.556	0.0000
571.0	3.073	3.408	3.790	3.394	0.0000	0.0000	2.745	3.896	3.453	0.0000
583.0	2.988	3.397	3.598	3.442	0.0000	0.0000	2.848	4.026	3.685	0.0000
596.0	3.102	3.648	3.911	3.397	0.0000	0.0000	2.804	4.126	3.677	0.0000
608.0	2.929	3.601	3.809	3.455	0.0000	0.0000	2.725	3.747	3.799	0.0000
620.0	3.189	3.636	3.900	3.338	0.0000	0.0000	2.812	3.785	3.794	0.0000
632.0	3.100	3.448	3.711	3.373	0.0000	0.0000	2.652	3.757	3.954	0.0000
644.0	2.847	3.438	3.579	3.163	0.0000	0.0000	2.901	4.120	3.908	0.0000
656.0	2.970	3.489	3.570	3.097	0.0000	0.0000	2.801	3.985	3.859	0.0000
668.0	3.064	3.470	3.990	3.416	0.0000	0.0000	2.784	4.003	4.248	0.0000
680.0	3.062	3.446	3.697	3.372	0.0000	0.0000	3.155	3.893	3.854	0.0000
692.0	3.050	3.592	3.702	3.313	0.0000	0.0000	2.684	4.116	4.077	0.0000
704.0	3.175	3.552	3.777	3.212	0.0000	0.0000	2.695	3.959	3.815	0.0000
716.0	3.042	3.539	3.606	3.291	0.0000	0.0000	2.823	4.055	3.854	0.0000
729.0	3.240	3.749	3.596	3.418	0.0000	0.0000	2.811	3.768	3.533	0.0000
741.0	2.962	3.720	3.749	3.308	0.0000	0.0000	2.997	4.028	3.609	0.0000
753.0	2.869	3.552	3.573	3.312	0.0000	0.0000	2.933	4.125	3.744	0.0000
765.0	2.959	3.490	3.681	3.257	0.0000	0.0000	3.082	3.785	3.581	0.0000
777.0	2.907	3.714	3.603	3.426	0.0000	0.0000	3.011	4.039	3.428	0.0000
789.0	3.206	3.525	3.551	3.327	0.0000	0.0000	2.848	3.881	3.652	0.0000
801.0	2.884	3.330	3.452	3.336	0.0000	0.0000	3.194	3.992	3.877	0.0000
813.0	3.020	3.297	3.373	3.363	0.0000	0.0000	2.731	3.474	3.469	0.0000
826.0	2.800	3.458	3.571	2.926	0.0000	0.0000	2.763	3.874	3.467	0.0000
838.0	2.909	3.365	3.289	3.060	0.0000	0.0000	2.553	3.744	3.795	0.0000
850.0	2.884	3.438	3.563	3.165	0.0000	0.0000	2.602	3.735	3.663	0.0000
862.0	2.938	3.448	3.640	3.200	0.0000	0.0000	2.761	3.797	3.503	0.0000
874.0	3.111	3.483	3.538	3.413	0.0000	0.0000	2.570	3.862	3.605	0.0000
886.0	2.922	3.448	3.521	3.303	0.0000	0.0000	2.621	3.547	3.545	0.0000
898.0	2.879	3.420	3.502	3.147	0.0000	0.0000	2.720	3.839	3.589	0.0000
910.0	3.074	3.332	3.452	3.243	0.0000	0.0000	2.724	3.747	3.492	0.0000
923.0	2.996	3.348	3.531	3.340	0.0000	0.0000	2.715	3.662	3.587	0.0000
935.0	2.862	3.441	3.614	3.394	0.0000	0.0000	2.673	3.653	3.722	0.0000
947.0	2.908	3.357	3.473	3.014	0.0000	0.0000	2.512	3.699	3.588	2.158
959.0	3.028	3.423	3.489	3.064	0.0000	0.0000	2.552	3.863	3.541	2.158
971.0	3.101	3.432	3.381	3.244	0.0000	0.0000	2.867	3.522	3.520	3.644
984.0	2.968	3.158	3.306	3.123	0.0000	0.0000	2.725	3.762	3.649	1.462
996.0	2.758	3.436	3.384	3.182	0.0000	0.0000	2.733	3.653	3.485	1.460
1008.	2.898	3.299	3.428	3.070	0.0000	0.0000	2.650	3.897	3.619	0.0000

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	STVEL9 (38)	STVEL8 (39)	STVEL7 (40)	STVEL6 (41)	STVEL5 (42)	STVEL4 (43)	STVEL3 (44)	STVEL2 (45)	STVEL1 (46)	WTLOSS (47)
1020.	2.788	3.308	3.473	3.145	0.0000	0.0000	2.844	4.020	3.647	0.0000
1032.	2.896	3.569	3.537	3.183	0.0000	0.0000	2.436	3.676	3.411	0.0000
1044.	2.896	3.426	3.380	3.099	0.0000	0.0000	2.740	3.604	3.297	0.0000
1057.	2.732	3.500	3.489	3.167	0.0000	0.0000	2.603	3.487	3.321	0.0000
1069.	3.015	3.626	3.529	3.020	0.0000	0.0000	2.503	3.463	3.430	0.0000
1081.	2.823	3.210	3.455	3.292	0.0000	0.0000	2.617	3.588	3.641	0.0000
1093.	2.776	3.270	3.422	2.942	0.0000	0.0000	2.639	3.834	3.795	0.0000
1105.	2.806	3.180	3.406	3.127	0.0000	0.0000	2.793	3.866	3.575	0.0000
1118.	2.619	3.407	3.392	2.949	0.0000	0.0000	2.569	3.416	3.216	0.0000
1130.	2.680	3.332	3.424	2.939	0.0000	0.0000	2.644	3.684	3.340	0.0000
1142.	2.636	3.493	3.363	2.953	0.0000	0.0000	2.477	3.774	3.382	0.0000
1154.	2.799	3.093	3.315	3.042	0.0000	0.0000	2.656	3.707	3.328	0.0000
1166.	2.572	3.195	3.426	2.906	0.0000	0.0000	2.705	3.570	3.238	0.0000
1179.	2.505	3.126	3.290	2.902	0.0000	0.0000	2.913	3.825	3.505	0.0000
1191.	2.614	3.433	3.384	2.782	0.0000	0.0000	2.576	3.392	3.103	0.0000
1203.	2.666	3.301	3.290	2.932	0.0000	0.0000	2.769	3.483	3.201	0.0000
1215.	2.843	3.542	3.521	3.125	0.0000	0.0000	2.491	3.389	3.044	0.0000
1228.	2.570	3.554	3.659	2.897	0.0000	0.0000	2.587	3.648	3.433	0.0000
1240.	2.721	3.123	3.207	3.054	0.0000	0.0000	2.626	3.464	3.479	2.143
1252.	2.851	3.370	3.409	2.753	0.0000	0.0000	2.414	3.629	3.404	2.143
1264.	2.647	3.445	3.249	2.557	0.0000	0.0000	2.371	3.253	3.221	3.627
1276.	2.590	3.207	3.143	2.942	0.0000	0.0000	2.473	3.378	3.368	3.310
1289.	2.875	3.231	3.128	2.726	0.0000	0.0000	2.358	3.618	3.405	4.986
1301.	2.825	3.333	3.368	2.849	0.0000	0.0000	2.544	3.454	3.578	5.285
1313.	2.705	3.145	2.940	2.760	0.0000	0.0000	2.588	3.647	3.364	5.173
1325.	2.615	3.181	3.027	2.657	0.0000	0.0000	2.507	3.643	3.547	5.248
1337.	2.744	3.058	3.165	2.855	0.0000	0.0000	2.223	3.195	3.389	5.467
1349.	2.600	3.036	3.333	2.811	0.0000	0.0000	2.327	3.303	3.243	4.669
1362.	2.467	3.260	3.168	2.778	0.0000	0.0000	2.463	3.502	3.299	3.181
1374.	2.540	3.139	3.293	2.700	0.0000	0.0000	2.515	3.620	3.362	1.523
1386.	2.528	3.345	3.392	2.966	0.0000	0.0000	2.772	3.635	3.370	0.8448
1398.	2.593	3.300	3.270	2.581	0.0000	0.0000	2.447	3.521	3.570	0.8452
1410.	2.714	3.397	3.319	2.902	0.0000	0.0000	2.361	3.305	3.588	0.8450
1422.	2.655	3.142	3.066	2.632	0.0000	0.0000	2.556	3.370	3.535	0.8399
MINIMUM:	2.155	2.683	2.811	2.497	0.0000	0.0000	2.223	3.051	2.865	-.3725E-08
AT SCAN:	6	4	5	14	1	1	127	25	11	1
MAXIMUM:	3.303	3.853	4.032	3.679	0.0000	0.0000	3.307	4.436	7.377	5.467
AT SCAN:	58	49	44	51	1	1	55	53	31	127
AVERAGE:	2.803	3.341	3.453	3.082	0.0000	0.0000	2.716	3.696	3.764	0.4823

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	TWLTHS (49)	O2 STK (50)	CO STK (51)	CO2ST1 (52)	CO2ST2 (53)	CO NRC (54)	CO2NRC (55)	CO2NRF (56)	CO NRF (57)	O2 NRC (58)
-193.0	0.6688E-01	20.90	0.0000	0.2593E-01	0.1016	0.2817E-01	0.0000	4.238	0.0000	20.90
-181.0	0.1856	20.89	0.1961E-02	0.2767E-01	0.1506	0.1651E-01	0.0000	4.266	0.0000	20.90
-169.0	0.2005	20.88	0.3965E-02	0.2480E-01	0.1816	0.4287E-02	0.0000	4.275	0.0000	20.89
-157.0	0.2980E-01	20.89	0.4106E-02	0.2462E-01	0.1909	0.2138E-02	0.0000	4.274	0.0000	20.89
-145.0	-.2215E-01	20.90	0.5841E-02	0.2264E-01	0.1646	0.0000	0.0000	4.238	0.0000	20.89
-133.0	0.5209E-01	20.90	0.4842E-02	0.2417E-01	0.1405	0.0000	0.0000	4.286	0.0000	20.89
-121.0	0.7438E-01	20.89	0.2509E-02	0.2393E-01	0.1191	0.0000	0.0000	4.269	0.0000	20.89
-109.0	0.2229	20.89	0.3171E-02	0.2034E-01	0.1371	0.1016E-02	0.0000	4.252	0.0000	20.90
-97.00	0.1561	20.88	0.2875E-02	0.2335E-01	0.1448	0.7174E-02	0.0000	4.247	0.0000	20.90
-85.00	0.8925E-01	20.88	0.1793E-02	0.2248E-01	0.1229	0.1687E-01	0.0000	4.230	0.0000	20.89
-73.00	-.2696	20.89	0.2053E-02	0.2020E-01	0.9420E-01	0.2072E-01	0.0000	4.252	0.0000	20.89
-60.00	-.5399	20.88	0.6143E-03	0.2046E-01	0.8586E-01	0.2458E-01	0.0000	4.258	0.0000	20.90
-48.00	-.6380	20.90	0.5704E-03	0.2216E-01	0.1067	0.3423E-01	0.0000	4.260	0.0000	20.90
-36.00	-.6900	20.88	0.1110E-02	0.2147E-01	0.1031	0.4411E-01	0.0000	4.261	0.0000	20.90
-24.00	-.8533	20.88	0.1814E-02	0.2168E-01	0.8701E-01	0.5679E-01	0.0000	4.228	0.0000	20.89
-12.00	-.9126	20.88	0.4793E-02	0.2200E-01	0.6789E-01	0.6117E-01	0.0000	4.260	0.0000	20.89
0.0000	-.7346	20.89	0.1807E-02	0.2212E-01	0.1048	0.5822E-01	0.0000	4.285	0.0000	20.89
12.00	-.2225	20.90	0.2618E-02	0.2266E-01	0.1333	0.5557E-01	0.0000	4.286	0.0000	20.89
24.00	-.2077	20.90	0.1267E-02	0.2208E-01	0.1564	0.6552E-01	0.0000	4.308	0.0000	20.89
36.00	-.1885E-01	20.89	0.2379E-02	0.1915E-01	0.1459	0.8061E-01	0.0000	4.384	0.0000	20.89
49.00	-.1466	20.89	0.3785E-02	0.2254E-01	0.1205	0.8191E-01	0.0000	4.554	0.0000	20.89
61.00	0.5959E-01	20.89	0.3435E-02	0.2523E-01	0.1130	0.7427E-01	0.0000	4.841	0.0000	20.87
73.00	0.3416	20.87	0.2317E-02	0.3003E-01	0.1538	0.7383E-01	0.0000	5.413	0.0000	20.76
85.00	1.291	20.87	0.1186E-02	0.3904E-01	0.1745	0.7981E-01	0.6439E-01	6.694	0.5654E-02	20.43
97.00	3.117	20.83	0.2596E-02	0.6296E-01	0.1964	0.1109	0.4254	9.241	0.4344	19.77
109.0	5.299	20.77	0.1096E-01	0.7802E-01	0.1963	0.2881	1.117	11.34	2.287	18.72
121.0	7.891	20.77	0.2331E-01	0.6863E-01	0.1728	0.6531	1.896	12.20	4.730	17.51
134.0	11.30	20.78	0.4112E-01	0.7015E-01	0.2069	1.234	2.849	13.78	6.227	16.18
146.0	14.96	20.76	0.5662E-01	0.7703E-01	0.2445	1.878	3.845	13.96	7.362	14.88
158.0	19.05	19.53	0.3064	1.318	2.219	2.564	5.058	15.63	7.906	13.32
170.0	22.86	16.96	0.1842	2.247	3.633	3.134	6.401	16.94	7.739	11.71
182.0	26.57	17.08	0.1393	1.764	2.799	3.474	7.536	17.67	7.017	10.51
194.0	30.25	17.83	0.1517	1.465	2.314	3.677	8.490	18.03	6.636	9.536
207.0	34.18	18.31	0.1866	1.237	1.972	3.846	9.458	18.03	6.393	8.521
219.0	37.74	18.65	0.2534	1.073	1.691	3.908	10.26	18.33	5.963	7.692
231.0	40.91	18.83	0.2753	1.076	1.691	3.879	10.90	18.56	5.312	7.094
243.0	43.92	18.64	0.2270	1.180	1.870	3.840	11.53	18.86	4.630	6.522
255.0	46.93	18.70	0.1881	1.173	1.905	3.782	12.12	19.02	4.661	6.021
267.0	50.01	18.65	0.1520	1.131	1.829	3.771	12.66	19.12	4.460	5.557
280.0	53.32	18.83	0.1053	1.076	1.733	3.934	13.31	19.11	4.938	4.973
292.0	56.41	18.86	0.9993E-01	1.091	1.717	4.115	13.78	19.22	5.963	4.554
304.0	59.41	18.84	0.1053	1.103	1.737	4.323	14.17	19.37	6.885	4.180
316.0	62.38	18.74	0.8707E-01	1.154	1.843	4.558	14.54	19.35	7.261	3.818
328.0	65.21	18.59	0.6830E-01	1.273	2.035	4.666	14.77	19.13	7.994	3.571
341.0	68.18	18.44	0.7159E-01	1.286	2.039	4.759	15.00	19.09	7.065	3.367
353.0	70.71	18.53	0.6943E-01	1.196	1.863	4.867	15.22	18.76	7.479	3.125
365.0	73.24	18.57	0.7528E-01	1.203	1.889	4.938	15.43	18.67	7.274	2.878
377.0	75.62	18.56	0.7672E-01	1.180	1.858	4.973	15.60	18.75	7.223	2.700
389.0	78.08	18.71	0.8006E-01	1.065	1.676	4.963	15.72	18.73	6.728	2.552
401.0	80.21	19.01	0.8820E-01	0.9242	1.444	4.967	15.84	18.67	6.331	2.414

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	TWLTHS (49)	O2 STK (50)	CO STK (51)	CO2ST1 (52)	CO2ST2 (53)	CO NRC (54)	CO2NRC (55)	CO2NRF (56)	CO NRF (57)	O2 NRC (58)
414.0	82.85	18.95	0.1025	1.029	1.621	4.984	15.94	18.62	5.888	2.296
426.0	85.32	18.68	0.1245	1.287	2.071	4.953	16.07	18.37	5.172	2.129
438.0	87.87	17.72	0.1098	1.736	2.788	4.845	16.24	18.64	5.455	1.964
450.0	90.09	17.43	0.1194	1.725	2.751	4.756	16.37	18.81	4.713	1.868
462.0	92.37	17.47	0.1087	1.700	2.697	4.665	16.49	18.69	4.823	1.773
474.0	94.67	17.66	0.1428	1.523	2.422	4.509	16.62	18.63	4.436	1.680
486.0	96.85	17.88	0.1580	1.471	2.383	4.352	16.71	18.67	4.137	1.599
499.0	98.99	18.15	0.1519	1.324	2.153	4.209	16.80	18.78	4.149	1.531
511.0	100.8	18.42	0.1640	1.210	1.981	4.067	16.90	18.77	4.025	1.472
523.0	102.8	18.53	0.2071	1.150	1.839	3.908	17.02	18.81	3.610	1.409
535.0	104.8	18.67	0.2256	1.077	1.732	3.788	17.10	18.98	3.093	1.355
547.0	107.0	18.81	0.2056	1.062	1.698	3.672	17.14	19.01	2.763	1.332
559.0	109.0	18.73	0.2307	1.078	1.726	3.477	17.21	18.94	2.181	1.311
571.0	111.0	18.77	0.2247	1.058	1.675	3.260	17.31	18.94	1.839	1.292
583.0	112.9	18.79	0.2308	1.063	1.675	3.080	17.36	19.05	1.640	1.292
596.0	115.3	18.81	0.2178	1.029	1.625	2.905	17.35	19.03	1.349	1.331
608.0	117.5	18.78	0.2345	1.068	1.703	2.692	17.34	18.86	1.113	1.401
620.0	119.4	18.79	0.2167	1.061	1.701	2.461	17.31	18.85	0.9237	1.498
632.0	122.9	18.80	0.2233	1.057	1.676	2.217	17.34	18.72	0.7343	1.575
644.0	128.7	18.76	0.2244	1.072	1.680	2.044	17.34	18.79	0.6312	1.641
656.0	136.3	18.77	0.2121	1.052	1.651	1.915	17.34	18.64	0.6277	1.708
668.0	142.7	18.82	0.2284	1.066	1.682	1.783	17.37	18.66	0.6363	1.770
680.0	147.3	18.74	0.1930	1.066	1.682	1.658	17.34	18.71	0.5516	1.827
692.0	150.7	18.81	0.2151	1.057	1.653	1.548	17.31	18.60	0.5281	1.906
704.0	153.9	18.83	0.2024	1.019	1.579	1.481	17.22	18.38	0.6049	1.990
716.0	157.0	18.92	0.1778	0.9847	1.546	1.399	17.12	18.00	0.6821	2.069
729.0	160.6	18.93	0.1817	0.9844	1.584	1.328	17.09	18.26	0.7256	2.145
741.0	162.7	18.93	0.2161	0.9687	1.603	1.293	17.08	18.57	0.7481	2.183
753.0	165.1	18.98	0.1982	0.9566	1.591	1.264	17.02	18.37	0.7489	2.276
765.0	167.6	18.99	0.1691	0.9427	1.541	1.273	16.93	18.41	0.8202	2.349
777.0	171.1	19.08	0.1870	0.9180	1.469	1.298	16.90	18.59	1.197	2.360
789.0	174.3	19.03	0.2016	0.9438	1.485	1.304	16.91	18.57	1.230	2.368
801.0	177.9	19.05	0.1827	0.9187	1.455	1.308	16.92	18.47	1.172	2.361
813.0	181.4	19.13	0.1464	0.8588	1.371	1.308	16.91	18.22	1.103	2.381
826.0	185.1	19.16	0.1232	0.8770	1.384	1.268	16.82	17.84	0.9694	2.461
838.0	187.9	19.20	0.9767E-01	0.8516	1.321	1.245	16.72	17.72	0.8651	2.566
850.0	190.2	19.23	0.9217E-01	0.8333	1.290	1.223	16.57	17.51	0.7925	2.703
862.0	191.5	19.28	0.8761E-01	0.8039	1.273	1.178	16.39	17.34	0.8003	2.841
874.0	192.1	19.35	0.8165E-01	0.7890	1.261	1.129	16.24	17.28	0.7909	2.992
886.0	191.7	19.37	0.7802E-01	0.7519	1.178	1.080	16.08	17.08	0.7031	3.176
898.0	191.9	19.46	0.7302E-01	0.7196	1.126	1.048	15.91	16.79	0.6348	3.357
910.0	190.9	19.47	0.7962E-01	0.7341	1.163	1.033	15.75	16.58	0.6371	3.512
923.0	189.8	19.43	0.7971E-01	0.7537	1.210	1.000	15.55	16.68	0.5850	3.699
935.0	188.5	19.46	0.7665E-01	0.7139	1.145	0.9675	15.41	16.63	0.6287	3.828
947.0	188.1	19.51	0.7479E-01	0.6931	1.104	0.9361	15.31	17.20	0.7905	3.916
959.0	188.4	19.56	0.7679E-01	0.6842	1.063	0.9127	15.20	17.46	0.7017	4.033
971.0	188.2	19.55	0.7142E-01	0.6780	1.054	0.8882	15.11	17.43	0.7286	4.134
984.0	189.2	19.57	0.7740E-01	0.6892	1.105	0.8656	15.04	17.57	0.8096	4.233
996.0	192.4	19.55	0.7949E-01	0.6701	1.078	0.8638	14.91	17.47	0.6955	4.371
1008.	196.1	19.60	0.7792E-01	0.6572	1.039	0.8302	14.73	17.28	0.6461	4.547

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	TWLTHS (49)	O2 STK (50)	CO STK (51)	CO2ST1 (52)	CO2ST2 (53)	CO NRC (54)	CO2NRC (55)	CO2NRF (56)	CO NRF (57)	O2 NRC (58)
1020.	199.5	19.63	0.7215E-01	0.6330	0.9793	0.7916	14.51	17.15	[illegible]	[illegible]
1032.	200.6	19.64	0.6619E-01	0.6144	0.9493	0.7510	14.35	17.07	[illegible]	[illegible]
1044.	201.7	19.68	0.6782E-01	0.6328	0.9768	0.7184	14.24	17.14	[illegible]	[illegible]
1057.	199.5	19.63	0.6915E-01	0.6467	0.9826	0.7025	14.10	17.39	[illegible]	[illegible]
1069.	197.9	19.61	0.7346E-01	0.6419	0.9695	0.6902	13.94	17.60	[illegible]	[illegible]
1081.	197.8	19.68	0.7890E-01	0.6187	0.9322	0.7873	13.95	17.83	[illegible]	[illegible]
1093.	201.3	19.54	0.8794E-01	0.7066	1.096	0.8834	14.09	18.58	[illegible]	[illegible]
1105.	204.4	19.53	0.9828E-01	0.6539	1.033	0.8767	14.08	18.38	[illegible]	[illegible]
1118.	205.9	19.72	0.8509E-01	0.5476	0.8481	0.8307	13.78	16.06	[illegible]	[illegible]
1130.	205.1	19.84	0.7616E-01	0.5026	0.7689	0.7815	13.36	14.69	[illegible]	5.695
1142.	203.6	19.89	0.7669E-01	0.5059	0.8038	0.7731	12.80	13.88	[illegible]	6.233
1154.	203.9	19.94	0.7606E-01	0.4674	0.7724	0.7761	12.28	13.46	[illegible]	6.712
1166.	205.6	19.98	0.7465E-01	0.4591	0.7758	0.7770	11.78	13.31	1.541	7.179
1179.	206.8	20.00	0.7217E-01	0.4301	0.7269	0.7841	11.09	13.03	1.440	7.812
1191.	206.4	20.02	0.7212E-01	0.4140	0.6629	0.8032	10.55	12.75	1.473	8.303
1203.	204.7	20.09	0.6886E-01	0.3952	0.6268	0.8197	10.14	12.26	1.617	8.703
1215.	203.9	20.10	0.6943E-01	0.3990	0.6644	0.8287	9.770	12.09	1.666	9.057
1228.	202.3	20.12	0.6521E-01	0.3829	0.6520	0.8293	9.329	12.24	1.778	9.447
1240.	200.3	20.13	0.6567E-01	0.3714	0.6008	0.8196	9.001	12.13	1.364	9.805
1252.	197.9	20.18	0.6608E-01	0.3620	0.5728	0.8282	8.731	11.53	1.462	10.12
1264.	195.3	20.17	0.6830E-01	0.3673	0.5680	0.8378	8.448	11.62	1.345	10.41
1276.	193.5	20.17	0.6556E-01	0.3483	0.5640	0.8370	8.183	11.27	1.262	10.63
1289.	192.1	20.23	0.6112E-01	0.3252	0.5147	0.8332	7.825	10.57	1.400	10.99
1301.	191.1	20.24	0.5843E-01	0.3210	0.5085	0.8300	7.457	10.31	1.430	11.43
1313.	190.2	20.25	0.5674E-01	0.3063	0.4937	0.8272	7.161	10.05	1.305	11.79
1325.	189.2	20.28	0.5784E-01	0.3042	0.5085	0.8115	6.872	9.805	1.201	12.09
1337.	188.3	20.30	0.6140E-01	0.3000	0.4958	0.8034	6.602	9.434	1.178	12.39
1349.	187.6	20.30	0.5695E-01	0.2914	0.4688	0.7965	6.349	9.228	1.156	12.68
1362.	187.4	20.29	0.6072E-01	0.3115	0.4846	0.7641	6.116	8.831	1.024	12.93
1374.	186.9	20.28	0.5964E-01	0.2957	0.4639	0.7412	5.883	8.732	1.086	13.17
1386.	186.3	20.33	0.5645E-01	0.2774	0.4492	0.7438	5.715	8.749	1.146	13.40
1398.	185.5	20.34	0.5806E-01	0.2714	0.4193	0.7419	5.484	8.499	1.017	13.67
1410.	185.2	20.37	0.5149E-01	0.2554	0.4017			8.339	0.9312	
1422.	184.7	20.39	0.5207E-01	0.2497	0.4069					
MINIMUM:	-.9126	16.96	0.0000	0.1915E-01	0.6789E-01	0.0000	0.0000	4.228	0.0000	1.292
AT SCAN:	16	31	1	20	16	5	1	15	1	64
MAXIMUM:	206.8	20.90	0.3064	2.247	3.633	4.984	17.37	19.37	7.994	20.90
AT SCAN:	114	5	30	31	31	51	72	42	44	13
AVERAGE:	113.4	19.55	0.9817E-01	0.6878	1.114	1.734	10.80	14.22	2.211	8.415

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	O2 NRF (59)	#1 008 (60)	#1 015 (61)	#1 030 (62)	#1 061 (63)	#1 091 (64)	#1 122 (65)	#1 152 (66)	#1 183 (67)	#1 213 (68)
-193.0	20.92	22.40	22.20	22.30	22.60	22.90	22.90	23.10	23.10	23.30
-181.0	20.91	22.40	22.20	22.30	22.60	22.90	22.90	23.10	23.20	23.30
-169.0	20.90	22.30	22.20	22.40	22.60	22.90	23.00	23.10	23.20	23.30
-157.0	20.91	22.30	22.20	22.30	22.70	22.90	22.90	23.10	23.10	23.30
-145.0	20.92	22.30	22.20	22.30	22.70	22.90	22.90	23.10	23.10	23.30
-133.0	20.91	19.10	17.00	19.20	17.10	18.10	15.30	19.60	19.20	17.30
-121.0	20.92	20.90	20.40	21.10	20.50	21.10	21.00	21.80	21.90	22.00
-109.0	20.92	22.20	22.10	22.30	22.60	22.90	22.90	23.10	23.10	23.20
-97.00	20.91	22.30	22.10	22.30	22.60	22.80	22.90	23.10	23.10	23.20
-85.00	20.92	22.30	22.10	22.20	22.60	22.80	22.90	23.00	23.20	23.30
-73.00	20.91	22.30	22.10	22.20	22.50	22.90	22.90	23.10	23.20	23.30
-60.00	20.91	22.20	22.10	22.30	22.50	22.90	22.90	23.00	23.10	23.30
-48.00	20.91	22.10	22.10	22.20	22.60	22.90	22.90	23.00	23.10	23.30
-36.00	20.91	22.10	22.10	22.20	22.60	22.90	23.00	23.10	23.10	23.30
-24.00	20.91	22.10	22.10	22.30	22.60	22.90	23.00	23.00	23.10	23.30
-12.00	20.92	22.20	22.10	22.30	22.60	22.80	22.90	23.10	23.10	23.30
0.0000	20.92	22.10	22.10	22.20	22.60	22.90	22.90	23.00	23.10	23.30
12.00	20.90	22.20	22.10	22.30	22.60	22.90	22.90	23.00	23.10	23.30
24.00	20.87	22.30	22.10	22.20	22.60	22.90	22.90	23.00	23.10	23.30
36.00	20.79	22.30	22.10	22.40	22.70	22.90	23.00	23.10	23.30	23.50
49.00	20.57	22.60	22.10	22.60	22.90	23.40	24.00	24.30	25.20	25.20
61.00	20.25	22.80	22.10	23.60	25.00	25.70	27.80	28.10	28.80	28.80
73.00	19.71	23.00	22.10	25.30	28.80	30.60	35.10	36.40	37.10	39.50
85.00	18.71	23.30	22.10	26.80	32.60	44.20	57.80	63.20	64.80	66.20
97.00	16.61	24.30	22.10	25.40	30.50	56.00	84.30	93.80	92.30	94.10
109.0	13.18	27.10	22.10	29.30	44.80	68.90	98.60	104.4	111.1	113.7
121.0	10.37	30.80	22.10	37.50	53.40	73.00	101.4	105.0	112.2	122.4
134.0	8.333	26.50	22.10	35.40	64.00	87.20	116.8	123.8	134.8	139.6
146.0	6.739	27.00	22.20	36.20	75.10	101.3	119.9	134.6	144.7	156.5
158.0	5.865	31.30	22.20	43.70	90.70	117.2	144.7	155.5	166.7	183.3
170.0	4.805	30.70	22.20	54.80	98.00	127.1	161.8	175.6	188.4	205.5
182.0	3.699	34.10	22.20	59.40	105.1	138.4	172.9	181.2	194.6	213.2
194.0	2.858	38.30	22.30	65.60	110.0	146.7	167.8	186.0	200.4	218.4
207.0	2.184	44.10	22.30	68.80	116.6	154.6	183.8	195.7	210.0	223.9
219.0	1.801	48.80	22.30	75.70	125.6	155.8	185.6	200.7	214.8	234.3
231.0	1.531	53.50	22.30	86.50	137.3	172.7	198.4	206.9	223.1	241.6
243.0	1.320	56.80	22.40	92.30	142.7	174.2	192.7	203.3	220.7	247.9
255.0	1.155	58.80	22.30	91.60	148.1	176.4	204.7	217.0	228.0	251.6
267.0	1.052	61.80	22.40	97.70	150.2	172.4	203.5	219.0	233.0	258.6
280.0	0.9391	68.30	22.40	110.8	158.5	178.8	202.6	217.5	238.5	256.9
292.0	0.8594	66.60	22.40	106.5	157.4	185.0	206.9	221.1	233.6	253.7
304.0	0.7521	70.40	22.40	111.3	166.9	187.4	214.7	227.8	236.9	257.6
316.0	0.6559	79.10	22.40	116.5	162.9	184.2	203.3	217.7	236.3	255.5
328.0	0.4862	74.20	22.40	117.3	165.8	191.8	214.7	233.4	246.9	261.8
341.0	0.3169	81.70	22.50	122.3	163.6	189.1	219.7	229.4	239.0	263.3
353.0	0.2416	79.70	22.50	117.1	167.8	186.1	218.0	229.2	246.2	266.7
365.0	0.2464	81.90	22.50	120.8	171.3	189.3	215.8	226.1	248.9	266.0
377.0	0.2349	79.40	22.60	118.0	172.7	184.4	213.4	229.6	246.4	264.4
389.0	0.2214	81.70	22.60	126.3	171.1	188.4	210.3	229.1	247.6	267.9
401.0	0.2269	80.80	22.70	122.0	172.7	190.5	217.2	233.3	246.3	267.3

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	O2 NRF (59)	#1 008 (60)	#1 015 (61)	#1 030 (62)	#1 061 (63)	#1 091 (64)	#1 122 (65)	#1 152 (66)	#1 183 (67)	#1 213 (68)
414.0	0.2322	84.80	22.60	129.9	172.7	193.7	213.6	231.1	[illegible]	269.7
426.0	0.2853	84.90	22.60	130.0	174.4	188.6	228.2	237.3	[illegible]	274.6
438.0	0.3443	87.60	22.60	130.2	178.8	200.1	223.8	236.7	[illegible]	274.5
450.0	0.3362	87.50	22.70	132.9	179.8	196.8	222.4	231.2	[illegible]	273.7
462.0	0.3217	82.60	22.60	131.1	179.9	197.3	224.3	234.1	[illegible]	275.1
474.0	0.3220	90.10	22.70	133.5	182.7	204.1	230.0	240.8	[illegible]	273.6
486.0	0.3316	85.20	22.70	131.6	183.6	205.5	230.0	241.2	[illegible]	278.6
499.0	0.3455	83.60	22.70	131.3	183.5	199.7	219.5	233.7	[illegible]	272.8
511.0	0.3594	92.20	22.70	136.1	183.1	198.8	231.9	244.6	[illegible]	280.5
523.0	0.4044	93.20	22.80	143.1	186.1	200.7	228.7	243.3	[illegible]	282.0
535.0	0.4160	94.90	22.80	141.5	186.0	200.5	228.1	246.1	[illegible]	288.6
547.0	0.3930	107.4	22.90	144.2	192.5	213.8	235.4	253.4	[illegible]	290.3
559.0	0.3746	102.0	22.90	147.2	198.0	217.4	238.4	251.6	272.2	292.5
571.0	0.4341	103.0	23.00	151.3	200.5	221.1	240.6	252.9	269.8	290.4
583.0	0.5143	102.0	23.00	151.2	197.6	220.3	251.7	258.2	277.8	300.7
596.0	0.6065	98.60	23.10	156.1	197.9	221.1	255.7	266.3	278.0	302.7
608.0	0.7636	100.1	23.10	151.2	198.4	220.8	250.4	257.6	276.3	305.6
620.0	1.020	100.5	23.30	148.4	205.1	223.4	250.2	264.0	281.4	306.4
632.0	1.143	96.20	23.30	148.4	206.0	224.9	250.9	268.3	284.2	311.3
644.0	1.226	99.20	23.30	151.9	209.8	229.2	251.0	272.5	296.6	310.6
656.0	1.250	104.6	23.30	156.3	208.2	229.5	264.1	269.6	289.4	309.9
668.0	1.386	100.7	23.30	150.5	209.3	234.2	263.4	276.4	289.9	317.6
680.0	1.433	100.5	23.30	158.9	214.8	233.3	259.9	274.5	290.9	312.9
692.0	1.360	99.70	23.50	156.6	209.1	232.5	260.5	277.3	290.7	313.1
704.0	1.414	106.0	23.50	159.3	214.1	237.4	263.9	272.1	287.2	306.8
716.0	1.563	105.1	23.50	156.9	217.8	232.2	257.6	268.5	284.1	306.9
729.0	1.783	106.3	23.40	161.8	206.4	229.5	262.6	274.4	292.1	308.9
741.0	1.544	107.9	23.40	160.7	217.5	231.8	253.3	272.8	285.8	303.4
753.0	1.470	103.3	23.50	152.4	203.8	223.7	255.7	268.9	281.8	300.7
765.0	1.635	98.60	23.50	154.7	209.7	227.4	250.8	260.2	272.5	297.0
777.0	1.554	103.1	23.70	154.5	206.5	226.5	254.2	269.5	276.6	294.0
789.0	1.406	102.4	23.70	153.4	204.4	226.8	252.8	266.6	278.2	297.8
801.0	1.374	102.8	23.60	154.5	202.5	219.7	251.0	261.1	277.6	294.0
813.0	1.423	101.2	23.50	156.9	204.4	218.8	244.7	260.9	277.5	292.5
826.0	1.658	103.2	23.80	154.9	201.9	226.6	253.9	260.2	271.2	287.9
838.0	1.911	103.3	23.60	150.6	203.1	223.0	247.0	257.9	273.4	286.4
850.0	2.184	102.7	23.70	154.0	203.4	225.3	240.4	253.5	267.6	285.1
862.0	2.469	101.9	24.00	153.7	204.2	221.5	239.6	251.3	266.2	288.7
874.0	2.712	102.8	23.90	153.4	202.5	229.4	252.0	260.8	272.9	286.3
886.0	2.870	100.6	24.00	149.5	200.4	218.0	248.6	255.0	268.3	284.3
898.0	3.133	103.4	24.00	150.7	208.0	224.5	245.2	253.6	267.7	283.5
910.0	3.423	102.9	24.00	156.0	202.4	223.8	246.6	257.4	270.0	283.3
923.0	3.698	104.6	24.00	153.0	203.9	223.1	243.5	250.6	268.8	282.1
935.0	3.732	103.6	24.20	153.4	203.6	220.1	239.1	254.3	267.6	281.9
947.0	3.672	100.8	24.00	154.5	200.0	218.0	243.1	257.2	269.3	285.6
959.0	3.265	105.2	23.90	157.9	204.0	221.9	244.2	256.7	271.6	284.5
971.0	3.024	106.4	24.00	157.7	202.7	224.3	254.3	261.5	275.1	286.6
984.0	2.857	105.8	24.10	158.7	203.3	225.7	248.6	254.8	274.8	289.0
996.0	2.712	106.6	24.20	156.5	207.2	228.1	253.8	256.0	272.7	289.1
1008.	2.699	108.1	24.50	164.3	208.4	225.6	255.7	260.0	272.9	289.5

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	O2 NRF (59)	#1 008 (60)	#1 015 (61)	#1 030 (62)	#1 061 (63)	#1 091 (64)	#1 122 (65)	#1 152 (66)	[illegible]	#1 213 ([illegible])
1020.	2.846	112.6	24.60	163.3	211.6	227.6	249.5	257.5	[illegible]	291.[illegible]
1032.	3.057	105.3	24.10	157.7	210.7	225.8	246.2	256.5	[illegible]	289.[illegible]
1044.	3.144	103.1	23.90	158.6	209.9	227.1	253.4	256.9	[illegible]	289.2
1057.	3.108	108.7	23.90	163.6	206.5	228.9	259.2	265.1	[illegible]	294.6
1069.	2.779	106.6	24.00	167.5	209.2	231.4	250.2	263.9	[illegible]	297.5
1081.	2.516	118.6	24.00	172.1	218.5	238.6	264.4	271.5	[illegible]	298.5
1093.	2.239	110.1	24.30	169.5	217.6	239.7	265.8	275.0	296.5	303.9
1105.	1.512	114.1	24.30	166.5	211.8	229.1	260.7	267.1	280.2	299.4
1118.	1.573	119.4	24.40	170.3	214.0	232.5	254.1	266.9	[illegible]	292.8
1130.	3.236	110.8	24.20	167.9	212.2	235.5	256.5	258.6	[illegible]	289.1
1142.	4.936	112.6	24.20	168.0	208.5	223.4	249.6	256.4	[illegible]	285.3
1154.	6.165	110.9	24.40	161.5	205.8	222.7	244.5	257.8	272.0	278.4
1166.	6.722	109.2	24.20	161.7	204.5	220.7	244.4	250.8	261.3	272.9
1179.	7.073	107.2	24.30	157.4	206.1	220.4	243.8	249.2	257.8	269.3
1191.	7.542	107.2	24.50	156.5	199.1	216.6	238.2	252.6	258.2	268.4
1203.	8.005	109.7	24.60	160.2	200.9	217.1	237.0	245.8	255.7	266.5
1215.	8.513	107.8	24.40	160.1	203.4	218.0	237.0	239.4	250.7	261.5
1228.	8.921	106.2	24.60	157.8	197.3	215.6	239.4	241.8	249.4	260.3
1240.	8.825	102.6	24.30	150.6	198.1	214.1	232.1	239.6	250.6	258.4
1252.	9.095	109.3	24.60	154.0	194.1	213.9	232.0	229.8	243.6	254.0
1264.	9.659	103.7	24.50	150.5	190.0	208.3	224.6	230.2	241.5	252.8
1276.	9.960	101.3	24.40	153.4	188.3	208.8	233.4	231.8	240.0	251.0
1289.	10.45	100.5	24.60	148.8	188.0	203.1	221.3	228.6	237.9	248.5
1301.	11.06	102.2	24.70	150.2	189.2	205.0	222.8	229.4	236.3	246.1
1313.	11.54	107.4	24.60	151.6	188.2	203.0	222.0	224.5	234.7	243.1
1325.	11.99	102.9	24.50	149.5	188.5	204.0	220.8	223.2	229.9	241.9
1337.	12.39	105.6	24.60	145.3	186.0	198.2	215.0	223.0	230.4	238.7
1349.	12.75	102.5	24.60	146.7	185.7	203.6	220.6	222.3	227.0	236.9
1362.	13.17	105.1	24.40	147.6	185.3	197.3	213.5	217.5	226.7	235.1
1374.	13.66	101.8	24.50	145.0	182.7	195.3	216.2	221.1	227.0	237.7
1386.	13.98	103.2	24.70	147.2	178.3	190.6	212.6	217.3	225.7	232.2
1398.	14.14	100.7	24.70	145.0	186.2	195.6	213.6	218.8	225.6	232.0
1410.	14.33	100.5	24.90	144.8	182.8	196.3	212.8	216.0	225.0	229.8
1422.		98.70	24.60	142.0	174.7	187.9	205.8	215.4	222.0	229.1
MINIMUM:	0.2214	19.10	17.00	19.20	17.10	18.10	15.30	19.60	16.20	17.30
AT SCAN:	49	6	6	6	6	6	6	6	6	6
MAXIMUM:	20.92	119.4	24.90	172.1	218.5	239.7	265.8	277.3	296.6	317.6
AT SCAN:	5	109	133	106	106	107	107	74	70	72
AVERAGE:	6.930	78.94	23.17	115.9	153.7	170.2	190.6	199.0	209.9	223.7

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#1 229 (69)	#1 236 (70)	#2 008 (71)	#2 015 (72)	#2 030 (73)	#2 061 (74)	#2 091 (75)	#2 122 (76)	#2 152 (77)	#2 183 (78)
-193.0	23.30	23.40	22.80	22.70	22.80	22.90	23.00	23.00	23.10	23.20
-181.0	23.30	23.40	22.70	22.70	22.80	22.90	23.00	23.00	23.20	23.20
-169.0	23.30	23.40	22.80	22.70	22.80	22.90	23.00	23.10	23.10	23.20
-157.0	23.30	23.30	22.70	22.70	22.80	22.90	23.00	23.00	23.20	23.20
-145.0	23.30	23.30	22.70	22.70	22.80	22.90	23.00	23.00	23.10	23.20
-133.0	19.30	21.00	18.90	19.40	18.30	17.50	16.20	16.60	15.20	16.00
-121.0	22.10	22.10	20.90	22.20	22.80	22.90	22.90	23.00	23.10	23.20
-109.0	23.30	23.30	22.80	22.90	22.90	22.90	23.00	23.00	23.10	23.20
-97.00	23.30	23.30	22.80	22.80	22.80	22.90	23.00	23.00	23.10	23.20
-85.00	23.30	23.30	22.80	22.80	22.90	22.90	23.00	23.00	23.10	23.20
-73.00	23.30	23.30	22.80	22.80	22.90	22.90	23.00	23.00	23.10	23.20
-60.00	23.30	23.30	22.70	22.70	22.80	22.90	23.00	23.00	23.10	23.20
-48.00	23.30	23.30	22.70	22.70	22.80	22.90	23.00	23.00	23.10	23.20
-36.00	23.30	23.40	22.60	22.60	22.80	22.90	23.00	23.10	23.10	23.20
-24.00	23.30	23.30	22.60	22.70	22.80	22.90	23.00	23.00	23.10	23.20
-12.00	23.30	23.30	22.60	22.70	22.80	22.90	23.00	23.00	23.10	23.20
0.0000	23.30	23.30	22.60	22.60	22.80	22.90	23.00	23.00	23.10	23.10
12.00	23.30	23.30	22.60	22.70	22.80	22.90	22.90	23.00	23.10	23.20
24.00	23.30	23.40	22.60	22.60	22.80	22.90	22.90	23.00	23.10	23.20
36.00	23.70	23.70	22.60	22.70	22.80	22.90	23.00	23.00	23.10	23.20
49.00	27.40	29.10	22.70	22.70	22.80	22.90	23.00	23.00	23.10	23.20
61.00	34.10	37.30	22.80	22.80	22.90	22.90	22.90	23.00	23.10	23.20
73.00	52.20	57.30	22.90	22.90	22.90	22.90	23.00	23.10	23.30	24.00
85.00	87.30	94.90	23.00	23.00	23.00	23.00	23.70	24.00	26.00	28.60
97.00	123.3	136.4	23.00	23.10	23.50	25.10	28.70	34.80	37.20	40.60
109.0	133.8	139.5	23.60	23.70	24.30	27.90	39.70	50.80	54.50	58.30
121.0	140.8	147.3	24.00	24.20	25.10	36.70	52.00	64.30	67.60	70.00
134.0	155.0	164.0	24.70	25.70	29.20	46.80	61.30	73.40	76.70	79.10
146.0	187.2	199.8	25.70	27.20	38.00	54.60	69.80	79.60	85.60	87.30
158.0	215.3	228.5	27.90	35.40	45.70	64.00	75.20	88.60	95.10	101.7
170.0	231.4	240.0	33.10	42.60	53.20	72.00	84.70	101.5	109.1	113.8
182.0	234.6	246.3	39.60	49.00	60.20	83.00	94.70	110.0	120.5	123.4
194.0	233.9	243.4	43.20	54.90	68.20	90.60	103.3	114.3	125.3	128.3
207.0	243.3	251.8	49.20	61.00	74.10	94.80	112.8	120.5	129.4	134.3
219.0	253.9	263.6	52.10	65.00	82.00	99.90	111.8	121.7	132.0	138.1
231.0	263.5	270.8	56.60	69.40	85.60	103.3	119.2	127.5	138.2	143.3
243.0	268.4	279.6	58.20	72.80	91.30	110.2	124.1	131.9	142.0	150.7
255.0	270.7	279.7	63.70	76.80	93.80	113.7	123.1	136.0	144.0	150.5
267.0	276.2	281.8	66.40	79.60	97.00	116.1	124.8	135.5	147.5	154.7
280.0	276.6	285.0	69.40	82.40	99.70	118.2	132.1	139.3	149.5	153.6
292.0	273.8	283.5	71.90	86.20	102.1	120.8	131.7	141.1	152.6	157.6
304.0	275.4	282.7	73.00	87.80	101.4	122.0	133.4	141.8	150.7	154.8
316.0	270.5	281.5	74.30	87.90	103.9	123.6	133.6	142.7	152.8	159.7
328.0	277.2	283.0	76.30	89.30	106.8	123.8	134.8	144.0	151.9	162.8
341.0	278.4	285.0	75.80	90.30	105.8	124.1	135.6	144.7	153.0	158.5
353.0	280.6	288.6	78.90	93.40	107.1	127.0	135.3	145.8	154.1	164.3
365.0	280.5	289.3	80.80	92.90	107.3	128.2	134.4	143.4	156.1	162.2
377.0	280.5	290.1	80.70	93.60	108.6	127.6	135.6	145.6	156.6	164.8
389.0	282.8	289.6	82.20	94.40	109.4	128.6	138.1	145.1	154.3	163.2
401.0	287.3	294.4	82.40	95.20	109.9	130.4	138.4	147.2	155.7	163.0

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#1 229 (69)	#1 236 (70)	#2 008 (71)	#2 015 (72)	#2 030 (73)	#2 061 (74)	#2 091 (75)	#2 122 (76)	#2 153 (77)	#2 183 (78)
414.0	287.1	292.6	83.50	95.50	111.2	128.8	140.2	149.2	159.1	167.6
426.0	291.8	299.4	82.10	95.70	111.5	131.9	144.2	149.8	160.5	167.4
438.0	289.0	297.1	83.60	98.90	113.0	131.5	143.6	151.6	162.3	170.2
450.0	292.6	299.9	84.90	98.00	115.7	132.5	140.9	153.3	162.7	168.3
462.0	294.0	300.7	83.40	98.50	113.4	131.1	142.6	154.3	163.1	173.8
474.0	288.6	299.3	85.30	99.60	114.9	134.4	142.3	152.2	164.5	171.6
486.0	293.8	300.2	87.80	99.90	114.1	134.7	145.3	153.3	165.9	175.0
499.0	290.1	297.6	87.50	100.4	115.9	135.4	148.1	157.0	165.4	171.8
511.0	296.4	305.5	87.60	101.2	115.8	135.7	145.7	156.1	167.6	172.1
523.0	298.6	305.6	87.40	102.3	117.2	137.2	147.1	157.0	168.4	177.8
535.0	307.0	314.4	88.80	104.0	118.0	137.4	147.9	159.5	169.9	179.5
547.0	304.7	313.1	90.30	104.5	119.4	140.0	149.2	162.7	172.2	181.6
559.0	306.7	312.6	89.90	105.5	120.1	142.2	150.9	160.7	175.3	186.0
571.0	311.8	319.0	91.40	107.1	121.3	142.3	153.3	164.8	174.8	181.7
583.0	322.3	329.4	91.80	107.7	122.5	144.2	154.1	165.2	175.4	182.8
596.0	319.2	327.6	92.80	107.5	123.1	146.5	155.4	169.4	178.7	185.0
608.0	325.5	330.9	91.80	108.2	125.3	147.4	158.7	170.2	180.4	188.9
620.0	326.6	335.2	93.50	109.7	124.5	148.6	158.6	171.2	180.9	192.5
632.0	330.4	336.1	94.10	111.7	126.1	150.7	162.5	169.8	184.3	191.4
644.0	329.1	336.0	95.70	113.4	129.2	152.1	164.0	175.9	186.4	193.5
656.0	330.1	342.8	95.30	113.1	128.7	154.4	166.7	179.3	187.9	195.8
668.0	335.9	345.1	96.70	113.4	130.3	154.5	166.9	178.5	189.1	198.1
680.0	332.6	340.7	97.70	114.8	129.5	155.5	170.2	179.7	192.4	204.0
692.0	331.6	339.8	97.00	114.9	133.1	157.0	168.0	179.3	192.4	200.8
704.0	324.1	333.1	96.00	116.7	133.0	158.7	170.0	180.0	193.1	200.1
716.0	325.6	333.0	98.20	116.9	133.2	159.9	168.3	181.3	195.0	201.6
729.0	325.0	330.5	97.60	114.3	135.4	159.5	169.9	180.1	192.6	200.0
741.0	317.6	324.1	99.40	116.9	136.1	159.2	170.7	181.7	192.6	202.6
753.0	316.6	325.5	98.60	116.3	136.7	159.8	171.3	180.1	192.3	198.5
765.0	311.6	318.1	98.40	117.2	136.8	161.5	170.8	182.2	192.3	197.7
777.0	309.5	316.2	98.80	117.4	135.7	161.5	168.7	180.0	192.0	196.9
789.0	310.7	315.1	98.80	118.7	135.7	158.2	172.7	180.3	189.5	196.4
801.0	308.8	316.5	98.60	118.5	135.7	158.0	170.4	179.1	188.7	195.4
813.0	304.9	309.7	97.30	117.2	136.5	157.0	168.7	177.8	188.5	194.2
826.0	305.9	315.0	98.90	117.7	135.1	159.0	168.7	176.2	186.8	191.8
838.0	302.1	310.7	97.90	117.5	134.1	158.0	168.2	177.0	186.6	194.0
850.0	303.8	309.6	98.90	116.8	133.3	158.4	167.2	175.5	185.2	191.8
862.0	300.9	308.6	97.80	116.6	133.6	155.5	166.8	178.2	187.2	192.1
874.0	300.7	309.1	96.20	116.2	136.7	155.0	164.6	177.8	184.2	192.4
886.0	298.1	306.2	96.90	116.7	134.9	155.9	167.7	176.4	185.6	192.3
898.0	298.2	303.5	97.20	116.3	135.4	155.1	164.0	172.9	184.4	190.9
910.0	297.4	303.4	97.20	116.5	133.9	154.9	164.4	173.5	184.6	189.2
923.0	298.3	304.7	96.00	115.7	133.5	153.7	165.8	175.2	183.6	189.6
935.0	298.5	304.8	96.90	116.8	132.6	154.7	167.4	174.9	183.5	189.9
947.0	301.2	307.8	95.60	116.3	133.6	155.0	167.2	177.0	184.6	193.5
959.0	302.1	309.4	97.30	117.3	136.3	156.7	165.3	173.7	186.6	192.7
971.0	300.8	307.2	95.40	117.3	135.1	155.3	166.9	175.2	186.6	192.8
984.0	301.8	308.8	96.40	115.6	134.5	156.9	168.0	178.7	188.2	197.3
996.0	305.9	315.2	97.60	116.4	135.2	157.7	167.1	177.3	189.3	195.5
1008.	306.9	314.6	99.00	117.4	135.5	157.9	168.3	175.8	189.6	195.3

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#1 229 (69)	#1 236 (70)	#2 008 (71)	#2 015 (72)	#2 030 (73)	#2 061 (74)	#2 091 (75)	#2 122 (76)	#2 [illegible] [illegible]	#2 [illegible] (78)
1020.	305.7	313.2	98.40	117.6	135.9	157.7	166.9	178.2	190.2	194.9
1032.	305.0	315.9	99.60	119.2	136.6	158.6	170.1	181.3	190.[illegible]	195.1
1044.	307.0	314.6	99.30	118.9	137.1	158.4	169.4	181.9	19[illegible].7	196.1
1057.	311.0	317.8	99.80	119.7	137.3	160.0	170.6	179.7	189.[illegible]	194.5
1069.	311.4	319.1	99.30	120.1	138.9	160.7	168.6	180.7	19[illegible].7	198.9
1081.	315.5	326.4	99.00	119.6	137.3	162.3	173.5	178.3	192.[illegible]	200.8
1093.	324.8	333.2	101.1	120.0	139.6	162.3	174.2	184.1	196.0	205.4
1105.	314.6	319.7	100.7	119.8	139.2	163.1	174.9	183.1	196.5	202.3
1118.	303.5	310.3	100.9	120.0	140.7	162.3	174.0	184.0	196.3	200.7
1130.	302.0	309.1	101.9	121.0	140.0	162.9	173.1	182.2	195.2	200.0
1142.	300.3	307.5	102.1	120.0	140.9	162.1	171.7	181.3	191.8	197.3
1154.	291.0	296.7	101.2	119.0	140.7	160.9	171.5	180.7	190.9	195.5
1166.	288.4	296.2	101.9	119.2	139.3	159.7	169.6	179.7	190.2	194.1
1179.	281.4	289.4	100.7	117.9	138.4	158.9	169.7	177.9	186.9	193.8
1191.	280.5	287.3	100.3	118.9	137.9	158.1	169.1	177.4	185.9	193.1
1203.	276.3	284.2	100.6	119.5	138.8	157.9	166.4	175.7	186.0	190.4
1215.	276.2	284.4	100.1	116.7	137.7	155.3	167.1	175.8	183.9	189.0
1228.	273.7	280.0	100.1	118.2	136.5	156.2	167.7	176.3	182.7	188.0
1240.	270.3	275.9	100.7	117.7	134.8	156.0	165.6	173.1	182.5	186.7
1252.	265.8	273.3	98.50	116.4	136.0	152.7	166.2	174.5	181.7	187.1
1264.	264.1	271.8	98.80	116.8	134.0	154.7	163.1	171.9	179.7	184.2
1276.	262.9	270.3	100.2	116.8	132.5	152.1	163.5	169.9	179.2	182.1
1289.	259.4	266.0	98.90	116.0	133.1	150.9	162.2	169.4	178.2	181.3
1301.	258.3	264.2	98.90	114.8	131.6	151.2	161.8	170.1	177.1	180.2
1313.	255.1	258.1	97.80	113.6	131.5	150.3	160.1	168.3	174.6	178.1
1325.	251.8	256.5	98.00	113.9	131.5	150.2	158.4	166.0	172.3	178.0
1337.	249.4	258.3	98.40	114.4	130.1	148.2	157.6	164.2	171.7	175.4
1349.	248.4	254.4	97.40	113.2	129.8	147.5	156.3	164.5	171.4	175.2
1362.	244.4	251.9	98.00	113.1	128.2	145.5	155.5	163.4	171.1	174.6
1374.	247.4	251.9	96.50	112.7	128.3	145.1	155.8	165.8	170.8	173.7
1386.	242.7	250.3	95.70	113.0	127.7	144.8	153.3	165.8	169.7	173.7
1398.	243.6	249.4	96.70	111.9	128.6	145.1	154.7	163.2	167.6	173.3
1410.	241.2	246.5	95.60	111.9	126.8	145.1	153.3	163.4	168.5	172.7
1422.	239.3	244.3	97.50	111.6	125.1	142.9	152.9	160.2	168.1	171.6
MINIMUM:	19.30	21.00	18.90	19.40	18.30	17.50	16.20	16.60	15.20	16.00
AT SCAN:	6	6	6	6	6	6	6	6	6	6
MAXIMUM:	335.9	345.1	102.1	121.0	140.9	163.1	174.9	184.1	196.5	205.4
AT SCAN:	72	72	111	110	111	108	108	107	108	107
AVERAGE:	237.2	243.6	75.13	88.07	101.4	118.0	126.8	134.8	142.8	147.9

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#2 213 (79)	#2 229 (80)	#2 236 (81)	#3 008 (82)	#3 030 (84)	#3 061 (85)	#3 091 (86)	#3 122 (87)	#3 [illegible] (88)	#3 236 (91)
-193.0	23.30	23.60	23.60	23.20	23.00	23.10	23.40	23.40	[illegible]	24.10
-181.0	23.30	23.60	23.60	23.20	23.00	23.10	23.40	23.40	[illegible]	24.10
-169.0	23.30	23.60	23.60	23.20	23.00	23.10	23.40	23.40	[illegible]	24.20
-157.0	23.30	23.60	23.60	23.20	23.00	23.10	23.30	23.40	[illegible]	24.20
-145.0	23.30	23.60	23.60	23.30	23.10	23.10	23.30	23.40	[illegible]	24.10
-133.0	15.50	21.20	17.80	20.50	18.40	13.50	20.60	6.600	[illegible]	19.30
-121.0	23.30	23.60	23.60	23.20	23.00	23.10	23.30	23.40	23.80	24.10
-109.0	23.30	23.60	23.60	23.20	23.00	23.10	23.40	23.40	23.80	24.10
-97.00	23.30	23.60	23.60	23.20	23.00	23.10	23.30	23.40	23.80	24.10
-85.00	23.30	23.60	23.60	23.20	23.00	23.10	23.30	23.40	23.70	24.20
-73.00	23.30	23.60	23.60	23.20	23.00	23.10	23.30	23.40	23.70	24.20
-60.00	23.30	23.60	23.60	23.20	23.00	23.10	23.30	23.40	23.80	24.20
-48.00	23.30	23.60	23.60	23.20	22.90	23.10	23.40	23.40	23.70	24.20
-36.00	23.30	23.60	23.60	23.20	23.00	23.10	23.40	23.40	23.70	24.10
-24.00	23.30	23.60	23.60	23.20	23.00	23.10	23.40	23.40	23.70	24.10
-12.00	23.30	23.60	23.60	23.20	23.00	23.10	23.30	23.40	23.70	24.10
0.0000	23.30	23.60	23.60	23.20	23.00	23.10	23.30	23.40	23.70	24.10
12.00	23.30	23.60	23.60	23.20	23.00	23.10	23.30	23.40	23.70	24.20
24.00	23.30	23.60	23.60	23.20	23.00	23.10	23.30	23.40	23.70	24.10
36.00	23.30	23.60	23.60	23.20	23.00	23.00	23.30	23.30	23.70	24.20
49.00	23.30	23.60	23.60	23.20	23.10	23.10	23.30	23.30	23.70	24.20
61.00	24.00	25.00	25.10	23.30	23.10	23.20	23.30	23.40	24.60	26.30
73.00	26.00	30.00	30.60	23.40	23.20	23.30	23.50	23.70	28.80	34.30
85.00	35.60	41.20	43.70	23.50	23.30	23.40	24.00	26.50	39.90	53.00
97.00	49.80	61.20	66.40	23.70	23.50	24.50	26.00	33.20	55.20	75.60
109.0	65.90	76.10	78.00	24.20	24.00	26.10	34.50	43.80	70.80	92.00
121.0	77.60	85.30	87.90	24.90	24.50	32.10	45.80	54.10	83.60	100.4
134.0	88.10	96.90	99.60	25.90	27.80	40.60	55.20	65.80	93.10	112.2
146.0	94.20	104.0	106.6	27.10	33.10	50.70	66.10	73.90	101.9	125.8
158.0	112.6	122.2	124.7	28.80	37.70	59.00	75.20	84.30	122.2	139.2
170.0	124.7	136.1	139.1	31.10	46.70	65.00	86.20	93.80	131.9	155.1
182.0	132.6	144.1	148.0	33.90	52.50	72.40	93.50	102.5	141.4	165.9
194.0	138.1	151.8	156.2	38.70	58.60	80.20	100.2	111.8	150.0	172.1
207.0	148.6	157.4	157.9	42.60	64.50	85.90	103.8	117.6	154.0	175.6
219.0	153.3	158.7	161.8	46.50	68.70	89.60	110.5	121.4	157.3	179.4
231.0	159.4	164.4	167.5	50.60	73.20	93.90	114.8	126.5	164.1	189.6
243.0	160.0	168.9	172.0	53.70	77.30	98.30	116.8	129.0	164.5	190.2
255.0	163.6	169.5	170.9	56.80	81.30	100.7	122.5	132.8	172.3	192.9
267.0	168.7	176.3	176.4	59.90	83.60	105.1	127.8	138.2	177.8	199.2
280.0	169.7	177.6	178.3	62.40	86.10	109.3	128.8	142.2	178.3	200.9
292.0	171.4	176.6	177.8	65.30	89.90	109.4	127.7	141.5	176.2	196.0
304.0	173.1	182.0	183.4	66.90	93.10	112.4	128.3	145.2	177.5	197.5
316.0	177.1	182.9	183.7	67.80	92.70	113.3	129.7	143.4	177.9	196.5
328.0	174.0	182.1	184.1	70.50	95.10	116.0	132.8	145.5	185.9	205.7
341.0	175.4	182.6	184.3	70.60	96.70	116.4	134.8	146.8	185.1	203.3
353.0	178.9	185.8	188.0	72.60	96.50	115.9	134.0	147.3	184.4	204.7
365.0	180.4	185.9	187.4	73.70	96.60	116.3	134.5	147.1	185.6	205.4
377.0	178.2	185.5	186.8	74.00	98.00	116.3	137.4	150.5	187.1	204.0
389.0	179.8	188.2	190.6	75.10	99.00	117.0	137.7	150.9	188.3	205.5
401.0	180.9	187.2	188.7	75.70	99.60	118.8	137.7	151.5	188.4	205.9

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#2 213 (79)	#2 229 (80)	#2 236 (81)	#3 008 (82)	#3 030 (84)	#3 061 (85)	#3 091 (86)	#3 122 (87)	#3 213 (88)	#3 236 (89)
414.0	180.8	188.2	190.5	75.80	99.30	119.3	137.9	151.0	188.2	203.1
426.0	184.0	192.6	193.8	76.80	99.90	119.8	139.3	151.6	193.0	212.9
438.0	182.9	189.7	190.6	76.80	100.5	120.7	143.1	157.1	192.4	210.3
450.0	183.7	190.1	191.1	77.90	102.1	121.4	144.5	154.6	194.9	205.9
462.0	185.5	191.9	194.1	78.70	103.6	123.2	142.7	154.2	198.3	210.3
474.0	187.4	194.8	194.3	79.20	104.4	125.0	143.9	155.1	195.2	211.6
486.0	185.7	193.8	193.4	78.90	104.6	123.8	144.3	154.8	198.6	214.4
499.0	187.9	194.1	195.2	80.00	105.4	125.2	148.1	158.1	197.2	213.3
511.0	188.4	195.0	197.6	80.70	106.3	125.9	147.1	158.2	194.2	219.0
523.0	192.2	199.6	200.2	80.00	106.9	127.1	148.3	160.0	201.4	218.1
535.0	196.2	201.2	202.5	81.30	107.9	127.9	149.4	161.9	207.2	220.7
547.0	194.2	201.0	201.6	82.20	108.2	128.9	149.8	162.8	203.4	224.4
559.0	201.3	206.8	207.3	82.90	109.0	131.3	152.2	165.1	209.2	226.4
571.0	199.2	205.3	207.2	83.20	110.6	132.7	153.5	168.1	211.4	227.7
583.0	199.6	206.6	209.2	84.20	111.7	133.7	153.6	168.5	212.0	232.4
596.0	201.8	208.2	210.4	84.90	112.4	134.5	158.2	171.8	215.4	231.4
608.0	202.7	210.4	212.8	85.70	113.1	135.4	157.8	170.7	221.0	233.1
620.0	206.4	214.8	216.0	85.90	114.5	136.5	158.9	173.4	221.5	237.9
632.0	209.7	219.2	221.9	87.40	115.4	138.4	159.4	176.9	222.5	238.6
644.0	214.6	218.5	220.8	87.50	116.5	139.8	161.8	176.3	226.5	244.4
656.0	211.9	221.3	223.5	87.90	117.4	142.5	163.3	180.1	222.9	245.6
668.0	213.1	221.3	223.2	89.10	118.7	143.7	166.4	183.8	226.7	242.2
680.0	217.9	222.5	225.2	89.60	119.6	145.7	167.5	182.2	231.4	242.4
692.0	218.9	223.5	225.1	91.20	120.9	148.0	169.9	182.6	226.7	244.4
704.0	214.1	222.2	226.1	91.90	122.5	148.6	171.8	184.2	231.1	246.4
716.0	213.9	222.4	225.3	92.00	123.0	149.7	170.9	184.5	225.2	244.2
729.0	216.7	221.1	223.9	92.10	123.0	147.7	172.4	185.0	228.9	241.7
741.0	217.0	221.6	223.5	92.30	123.4	148.4	170.8	183.7	226.1	240.6
753.0	216.0	222.4	225.6	92.80	122.5	148.5	171.7	183.5	229.2	238.6
765.0	211.0	217.2	217.8	92.50	123.0	147.6	171.5	182.6	227.5	239.8
777.0	211.4	217.6	218.2	92.10	123.7	149.0	169.5	181.8	221.2	237.0
789.0	211.1	214.6	215.8	92.30	124.1	149.2	169.4	182.4	220.1	237.9
801.0	209.2	213.8	214.8	92.60	122.4	149.1	168.1	183.0	221.7	233.6
813.0	208.5	213.8	214.6	92.50	122.5	147.4	167.7	183.1	223.9	233.6
826.0	208.9	214.8	215.9	93.40	124.8	148.4	169.1	181.8	219.1	233.3
838.0	207.6	212.5	213.8	93.00	123.7	149.5	168.1	180.9	216.5	230.9
850.0	204.0	211.3	214.1	93.50	123.1	147.7	168.2	181.3	216.7	229.1
862.0	208.2	209.8	210.8	93.90	123.9	147.2	166.9	180.2	218.6	229.4
874.0	206.0	210.5	212.3	93.90	124.0	146.6	167.0	181.0	219.5	228.2
886.0	205.6	210.1	210.8	93.90	123.3	147.0	169.2	179.5	218.1	228.7
898.0	203.3	210.6	212.3	93.10	122.2	146.1	166.9	178.6	217.4	226.4
910.0	199.7	209.0	211.5	93.40	122.1	145.7	165.9	179.6	215.2	230.5
923.0	201.3	208.9	211.0	92.60	121.3	145.8	164.4	177.5	217.5	228.8
935.0	198.2	208.6	211.4	92.60	121.6	145.9	167.7	176.1	214.3	225.9
947.0	202.0	207.8	210.3	92.20	121.3	144.5	166.5	177.4	216.1	229.0
959.0	206.6	211.0	211.3	93.00	122.5	145.5	164.8	177.4	217.9	225.4
971.0	204.4	211.0	214.5	93.20	122.3	147.1	165.5	178.6	218.1	229.7
984.0	206.4	212.5	215.0	93.10	122.9	146.2	164.8	181.0	217.2	231.9
996.0	207.9	214.5	216.1	93.60	124.2	145.6	164.6	178.3	217.2	231.2
1008.	209.5	215.5	216.3	94.10	124.0	146.1	166.8	181.7	218.2	232.4

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#2 213 (79)	#2 229 (80)	#2 236 (81)	#3 008 (82)	#3 030 (84)	#3 061 (85)	#3 091 (86)	#3 122 (87)	#3 213 (88)	#3 236 (91)
1020.	212.1	217.8	219.7	93.60	125.2	146.9	166.4	181.5	218.6	234.6
1032.	211.0	215.7	214.7	94.60	125.4	147.8	166.1	182.5	220.5	233.2
1044.	208.9	214.1	217.0	94.50	124.8	148.5	169.0	182.9	[illegible]	231.5
1057.	210.7	216.9	217.5	94.60	125.5	148.7	168.0	182.4	222.2	237.1
1069.	212.6	216.0	218.7	94.40	125.9	149.8	167.5	182.3	221.1	240.5
1081.	212.7	221.4	220.4	95.70	127.1	150.0	170.1	182.2	221.3	240.8
1093.	218.4	225.6	225.5	96.20	127.2	153.2	173.7	186.1	219.9	243.1
1105.	212.0	223.1	223.3	96.60	128.4	153.3	178.3	188.0	225.6	241.4
1118.	211.6	222.1	221.1	97.70	129.5	154.0	172.8	186.8	228.5	236.7
1130.	211.9	217.0	217.7	97.10	129.8	153.6	174.7	188.0	223.7	238.1
1142.	211.1	216.4	219.4	97.90	130.1	152.1	171.6	184.4	218.4	232.3
1154.	207.2	212.4	214.5	97.10	129.3	151.7	170.3	182.2	219.1	229.9
1166.	207.4	212.4	211.7	96.70	128.5	150.0	169.9	182.5	218.0	227.4
1179.	205.9	209.7	211.0	96.40	127.5	148.6	170.2	182.2	213.7	224.0
1191.	208.3	209.4	208.5	96.70	127.3	148.1	167.0	180.3	209.7	221.5
1203.	203.2	208.8	208.5	95.50	126.3	146.5	166.0	179.3	211.7	219.7
1215.	198.3	203.7	204.6	95.70	126.9	148.2	165.4	176.6	206.2	221.2
1228.	199.9	204.3	207.0	95.10	125.1	146.6	166.9	175.3	207.3	218.5
1240.	197.5	204.0	206.0	94.80	126.0	146.3	164.4	175.3	207.5	217.1
1252.	197.5	201.0	202.1	94.50	124.8	144.2	163.0	175.2	206.2	213.0
1264.	193.0	200.7	200.9	93.90	124.0	143.4	163.6	172.8	201.4	211.4
1276.	189.4	197.5	198.9	93.50	123.2	144.0	162.3	173.4	200.8	211.0
1289.	190.1	196.8	197.1	93.30	123.0	142.9	160.9	170.4	201.0	207.3
1301.	191.4	195.7	196.0	93.00	122.3	141.5	156.7	166.3	199.5	208.1
1313.	187.2	192.0	193.5	92.40	121.8	140.6	155.5	165.9	197.8	206.9
1325.	186.4	191.7	191.9	93.00	122.3	140.8	157.3	167.1	196.1	205.1
1337.	187.3	191.4	191.5	93.00	120.8	139.2	155.5	165.4	194.3	200.5
1349.	185.4	190.3	191.2	92.70	120.5	139.2	155.0	165.5	193.4	200.9
1362.	185.5	189.3	189.1	92.70	120.5	138.4	154.9	164.4	189.1	199.8
1374.	184.6	189.0	189.1	92.40	119.2	137.1	153.5	162.3	190.4	200.2
1386.	183.6	186.9	187.7	91.30	119.2	136.6	152.4	162.6	189.6	196.3
1398.	182.4	184.9	186.6	91.30	117.6	136.1	151.4	160.0	188.8	198.5
1410.	181.1	186.0	185.9	90.70	117.5	135.9	150.1	160.3	190.9	192.8
1422.	177.2	185.4	185.7	90.60	117.0	135.4	149.2	160.6	188.5	196.0
MINIMUM:	15.50	21.20	17.80	20.50	18.40	13.50	20.60	6.600	14.50	19.30
AT SCAN:	6	6	6	6	6	6	6	6	6	6
MAXIMUM:	218.9	225.6	226.1	97.90	130.1	154.0	178.3	188.0	231.4	246.4
AT SCAN:	74	107	75	111	111	109	108	108	73	75
AVERAGE:	158.7	164.2	165.4	70.97	92.72	110.1	126.1	136.0	166.9	179.2

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#4 008 (93)	#4 015 (94)	#4 030 (95)	#4 061 (96)	#4 091 (97)	#4 122 (98)	#4 152 (99)	#4 183 (100)	#4 [illegible]	#5 [illegible]
-193.0	23.10	23.10	23.10	23.10	23.20	23.20	23.30	23.40	[illegible]	[illegible]
-181.0	23.20	23.10	23.10	23.10	23.20	23.20	23.30	23.40	[illegible]	[illegible]
-169.0	23.10	23.10	23.10	23.10	23.10	23.10	23.30	23.40	[illegible]	[illegible]
-157.0	23.10	23.10	23.10	23.10	23.20	23.20	23.20	23.40	[illegible]	[illegible]
-145.0	23.10	23.10	23.10	23.10	23.10	23.20	23.20	23.40	[illegible]	21.00
-133.0	21.30	15.70	16.70	15.50	14.80	12.70	17.20	21.40	[illegible]	18.60
-121.0	23.10	23.10	23.10	23.10	23.20	23.20	23.30	23.40	[illegible]	20.80
-109.0	23.10	23.10	23.10	23.10	23.20	23.20	23.20	23.40	[illegible]	20.70
-97.00	23.10	23.10	23.10	23.10	23.10	23.20	23.20	23.40	[illegible]	20.60
-85.00	23.10	23.10	23.10	23.10	23.10	23.20	23.20	23.40	[illegible]	20.90
-73.00	23.10	23.10	23.10	23.10	23.20	23.20	23.20	23.40	[illegible]	21.20
-60.00	23.10	23.10	23.10	23.10	23.10	23.10	23.20	23.40	[illegible]	21.10
-48.00	23.10	23.10	23.10	23.10	23.10	23.10	23.30	23.40	[illegible]	21.10
-36.00	23.10	23.10	23.10	23.10	23.10	23.20	23.20	23.40	[illegible]	21.30
-24.00	23.20	23.10	23.00	23.10	23.10	23.10	23.20	23.30	[illegible]	21.60
-12.00	23.10	23.00	23.00	23.00	23.10	23.10	23.20	23.30	[illegible]	21.50
0.0000	23.10	23.00	23.10	23.10	23.10	23.10	23.20	23.40	[illegible]	[illegible]
12.00	23.10	23.00	23.00	23.10	23.10	23.10	23.20	23.40	[illegible]	21.70
24.00	23.00	23.00	23.00	23.10	23.10	23.10	23.20	23.40	[illegible]	21.50
36.00	23.00	23.00	23.10	23.00	23.10	23.10	23.20	23.40	[illegible]	21.80
49.00	23.00	23.00	23.10	23.10	23.10	23.20	23.20	23.30	23.60	22.30
61.00	23.00	23.00	23.10	23.10	23.10	23.20	23.30	23.40	23.60	23.80
73.00	23.30	23.60	23.90	24.50	24.80	25.40	26.10	25.90	26.80	28.00
85.00	24.20	24.80	27.20	29.20	30.30	32.30	34.70	34.00	37.10	35.80
97.00	23.60	23.80	25.00	39.00	42.80	47.50	51.50	48.90	53.40	38.30
109.0	23.70	23.90	24.80	54.30	56.30	61.60	67.90	67.00	74.40	40.50
121.0	24.00	25.80	33.10	60.60	62.60	69.30	75.10	75.00	81.60	55.10
134.0	24.60	27.50	39.40	70.50	73.00	79.90	86.40	85.50	93.00	68.10
146.0	26.10	31.90	52.50	80.20	82.00	89.00	95.50	95.20	102.5	103.8
158.0	29.70	37.80	59.30	92.00	91.60	101.1	108.4	107.8	117.7	128.2
170.0	34.70	43.90	65.30	102.7	105.3	113.3	121.9	121.0	130.1	145.4
182.0	40.00	51.30	74.90	110.3	115.3	125.5	131.4	130.7	138.6	152.3
194.0	44.10	55.40	90.10	115.1	120.3	130.1	136.6	137.1	146.1	179.2
207.0	50.20	61.80	101.7	121.7	127.8	137.1	143.2	143.2	152.0	175.1
219.0	54.60	67.50	110.1	123.0	130.2	140.2	146.2	146.3	154.6	206.3
231.0	59.20	72.30	107.2	129.0	136.3	145.5	150.9	151.3	158.1	224.2
243.0	64.00	74.80	116.3	131.0	137.7	147.6	154.7	154.4	160.9	211.4
255.0	66.10	78.10	127.3	138.5	146.3	156.1	162.1	162.1	168.7	198.8
267.0	69.80	81.10	128.1	139.9	146.8	156.8	163.6	163.7	169.2	186.9
280.0	73.40	84.90	132.3	143.7	149.2	157.2	163.6	164.4	171.6	189.1
292.0	76.20	87.50	131.8	145.5	151.8	158.5	164.8	165.3	172.5	195.0
304.0	77.60	91.40	136.9	149.1	154.6	161.0	167.4	167.8	175.8	195.4
316.0	78.90	91.10	136.0	146.5	153.0	159.6	164.3	166.8	173.5	205.5
328.0	81.50	95.70	135.6	146.2	155.2	162.7	169.4	169.3	177.5	197.9
341.0	82.80	98.00	136.3	149.2	156.1	163.8	168.7	169.6	175.0	215.6
353.0	83.90	95.90	138.7	151.2	159.0	166.4	171.0	170.8	176.9	250.3
365.0	84.40	96.50	139.7	150.0	158.1	167.1	173.0	174.5	179.0	248.6
377.0	85.60	96.60	139.7	151.8	159.9	167.0	172.4	173.6	179.7	235.8
389.0	84.30	100.9	142.1	155.6	162.1	169.8	175.4	175.4	179.9	228.8
401.0	85.20	98.00	136.6	151.4	160.3	169.2	173.0	174.1	179.8	236.3

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#4 008 (93)	#4 015 (94)	#4 030 (95)	#4 061 (96)	#4 091 (97)	#4 122 (98)	#4 152 (99)	#4 183 (100)	#4 195 (101)	#5 005 (102)
414.0	87.20	97.80	142.2	155.6	163.0	170.3	175.8	176.9	182.[illegible]	239.[illegible]
426.0	85.30	100.6	145.1	157.6	161.8	170.4	175.8	177.5	[illegible]	268.[illegible]
438.0	89.00	105.5	143.9	156.5	164.6	173.2	178.4	179.8	[illegible]	340.[illegible]
450.0	89.10	102.2	145.6	157.3	164.9	172.4	178.6	179.7	[illegible]	335.[illegible]
462.0	88.70	107.0	148.6	161.6	169.5	177.6	181.9	181.1	[illegible]	324.[illegible]
474.0	89.80	102.1	142.8	159.5	165.1	174.0	179.8	179.7	[illegible]	357.[illegible]
486.0	90.70	102.8	149.0	164.6	171.3	178.3	183.0	183.1	[illegible]	348.9
499.0	90.90	104.2	147.7	163.1	171.3	178.3	183.8	183.8	[illegible]	323.[illegible]
511.0	91.50	104.6	150.2	161.8	168.7	177.0	183.1	184.0	[illegible]	331.[illegible]
523.0	92.30	106.9	157.1	165.1	171.6	178.7	183.8	185.8	[illegible]	315.[illegible]
535.0	92.80	105.6	155.5	168.3	174.1	181.2	186.8	188.7	194.7	651.6
547.0	93.50	105.4	157.7	171.2	177.9	186.1	190.6	191.8	197.7	473.0
559.0	95.20	107.5	160.9	171.2	179.1	187.0	191.9	192.3	197.7	541.2
571.0	94.60	109.9	156.6	173.3	180.5	188.4	193.8	195.1	199.2	1190.
583.0	96.30	112.4	164.4	178.9	185.9	192.4	197.0	197.6	203.1	1195
596.0	96.80	109.8	163.7	178.1	185.3	192.6	198.5	197.7	205.0	1178.
608.0	98.70	113.7	164.3	177.5	185.0	193.3	197.5	197.9	204.7	971.9
620.0	98.70	113.8	167.6	184.0	190.7	198.2	203.4	202.8	208.3	982.9
632.0	99.50	117.9	168.2	180.7	189.8	197.6	204.7	204.8	212.1	940.7
644.0	98.70	115.5	171.1	186.5	192.5	200.6	207.6	207.6	214.7	910.9
656.0	101.4	118.8	174.1	185.2	192.5	201.1	208.1	208.5	214.8	961.7
668.0	101.6	122.0	177.3	190.4	197.0	205.5	211.4	211.7	218.8	939.1
680.0	104.0	129.8	174.1	189.0	196.8	206.6	210.9	211.2	218.5	950.7
692.0	104.2	124.3	176.7	189.5	195.6	204.6	211.1	212.3	222.2	869.8
704.0	103.6	123.1	176.6	190.4	198.3	207.1	213.0	212.4	220.6	873.6
716.0	105.7	122.4	171.2	191.4	196.8	206.0	211.1	210.6	216.9	967.9
729.0	104.8	120.5	172.5	188.5	196.6	203.6	210.1	210.6	217.2	950.5
741.0	104.6	119.4	173.4	189.0	197.2	206.6	212.6	211.7	217.8	1017.
753.0	104.1	120.8	173.0	186.8	194.3	203.1	208.8	208.5	214.7	933.1
765.0	103.1	122.2	175.1	188.4	195.1	202.6	207.8	207.6	213.1	993.4
777.0	103.9	124.3	174.4	188.7	195.1	201.9	205.8	205.1	209.6	959.9
789.0	103.4	122.3	170.4	187.1	192.9	200.2	205.1	206.2	213.6	965.3
801.0	103.4	122.0	171.3	183.0	191.4	198.2	203.5	205.6	211.9	990.6
813.0	104.5	121.9	174.3	187.1	194.4	201.8	206.1	205.8	211.3	965.3
826.0	104.4	125.9	171.4	186.6	191.6	199.2	204.1	203.9	210.9	968.3
838.0	103.3	124.8	173.0	184.2	193.2	200.5	204.3	203.9	209.7	973.2
850.0	104.8	122.4	171.6	182.6	187.4	194.5	199.6	200.5	208.9	987.2
862.0	104.6	124.2	169.7	183.6	189.6	195.4	200.3	199.6	206.4	997.1
874.0	104.2	123.5	170.9	180.1	188.2	198.1	203.2	202.0	207.8	968.4
886.0	103.8	121.8	169.6	182.0	187.4	195.1	200.0	199.8	205.4	957.5
898.0	106.0	123.9	167.6	182.7	190.2	197.0	203.2	202.4	207.4	576.8
910.0	104.8	123.5	170.7	183.0	189.0	194.7	200.3	200.3	206.7	542.5
923.0	104.4	120.5	170.0	184.2	191.3	197.2	201.1	200.2	204.5	460.8
935.0	103.1	123.3	170.6	184.7	188.9	194.4	199.1	199.0	207.6	433.3
947.0	105.2	122.5	173.5	184.3	189.9	196.8	201.0	199.6	205.3	442.8
959.0	105.2	121.7	168.6	182.5	189.2	196.5	200.4	199.1	204.2	470.6
971.0	105.0	126.5	169.9	183.8	191.8	197.2	202.0	201.5	207.6	526.1
984.0	106.8	129.5	173.4	184.2	191.7	197.1	202.3	201.9	208.8	614.2
996.0	105.8	125.3	175.9	186.0	191.4	197.8	202.2	202.0	207.3	614.7
1008.	106.3	125.1	174.7	184.2	191.5	197.8	205.6	205.7	211.3	634.1

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#4 008 (93)	#4 015 (94)	#4 030 (95)	#4 061 (96)	#4 091 (97)	#4 122 (98)	#4 152 (99)	#4 183 (100)	#4 [illegible]	#5 [illegible] (101)
1020.	106.7	129.7	176.5	187.7	193.0	201.4	206.4	205.5	[illegible]	649.7
1032.	106.7	127.3	170.2	187.2	193.0	201.0	205.3	203.5	[illegible]	687.8
1044.	107.8	125.4	173.8	190.3	194.4	200.7	205.3	204.6	[illegible]	686.3
1057.	107.5	123.7	179.5	190.1	195.6	202.0	208.1	206.5	[illegible]	661.3
1069.	108.0	126.4	176.3	191.0	195.9	203.1	208.9	207.4	[illegible]	748.2
1081.	108.4	130.8	177.2	193.7	197.2	204.3	208.9	207.8	[illegible]	733.5
1093.	109.2	129.8	180.4	193.2	200.3	207.1	211.6	210.7	[illegible]	728.4
1105.	112.8	136.6	176.9	192.6	199.5	207.4	213.0	211.8	[illegible]	585.9
1118.	111.4	131.5	179.8	189.5	197.5	206.5	211.0	209.6	[illegible]	629.9
1130.	111.0	135.5	174.0	192.0	197.2	204.4	207.7	206.3	[illegible]	684.2
1142.	109.5	130.8	174.5	186.5	194.6	201.4	204.8	203.4	209.4	671.7
1154.	111.0	128.2	175.6	186.3	191.8	198.5	202.8	201.6	209.3	671.6
1166.	111.7	134.2	175.2	187.0	191.9	197.5	201.7	200.4	207.1	595.8
1179.	109.0	133.7	175.0	183.2	190.7	198.0	201.0	200.3	205.3	592.8
1191.	108.2	128.2	170.6	180.4	185.4	193.0	197.9	197.1	203.4	609.7
1203.	108.5	131.0	167.6	179.0	185.5	192.3	196.9	196.4	203.3	581.8
1215.	109.1	136.4	168.8	178.0	183.5	189.5	194.5	194.5	201.9	583.1
1228.	108.1	131.1	167.2	177.1	181.8	188.5	193.0	193.6	198.8	598.2
1240.	107.6	126.2	167.9	176.0	182.4	189.3	193.5	192.5	198.5	611.8
1252.	107.2	124.3	164.9	175.4	179.8	186.6	191.9	191.0	196.9	632.1
1264.	105.8	122.2	166.4	173.1	178.1	184.3	188.9	187.8	195.2	632.6
1276.	106.0	124.1	161.7	170.7	175.7	182.8	188.3	186.4	192.0	650.5
1289.	105.4	124.1	162.2	171.6	177.7	184.0	187.9	185.9	190.8	634.1
1301.	104.9	122.6	162.2	169.4	175.5	181.3	187.2	185.9	190.9	626.9
1313.	105.5	121.4	162.6	170.3	175.4	181.2	185.9	184.8	190.9	615.1
1325.	105.6	121.6	160.3	168.8	174.6	180.5	184.6	183.2	190.1	630.4
1337.	104.1	119.6	158.1	166.6	172.6	179.2	183.0	181.7	186.4	642.8
1349.	104.2	121.3	155.8	166.1	170.7	177.8	182.7	180.3	185.8	638.8
1362.	103.5	122.1	154.0	165.5	171.2	177.5	181.7	180.7	186.1	636.9
1374.	102.2	119.1	154.8	165.1	168.6	173.5	177.8	177.1	184.5	634.1
1386.	102.6	120.5	155.4	165.7	170.6	175.9	180.6	178.6	183.5	624.2
1398.	100.4	117.9	154.8	162.2	167.9	174.4	178.9	176.9	181.6	658.1
1410.	103.0	119.7	154.5	164.1	169.0	174.6	178.5	176.2	181.2	645.0
1422.	102.3	118.0	156.6	166.1	169.8	175.4	178.0	175.8	180.4	673.2
MINIMUM:	21.30	15.70	16.70	15.50	14.80	12.70	17.20	21.40	21.70	18.60
AT SCAN:	6	6	6	6	6	6	6	6	6	6
MAXIMUM:	112.8	136.6	180.4	193.7	200.3	207.4	213.0	212.4	222.2	1195.
AT SCAN:	108	108	107	106	107	108	75	75	74	65
AVERAGE:	79.90	93.14	128.2	139.6	144.7	150.7	155.1	154.9	160.1	475.0

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#5 030 (104)	#5 061 (105)	#5 091 (106)	#5 152 (108)	#5 183 (109)	#5 213 (110)	#5 229 (111)	#5 236 (112)	#5 [illegible]	#5 [illegible]
-193.0	21.40	21.60	21.70	22.20	22.60	22.70	22.80	22.80	[illegible]	20.00
-181.0	21.30	21.80	21.60	22.20	22.60	22.70	22.80	22.80	[illegible]	[illegible]
-169.0	21.20	21.70	21.60	22.20	22.60	22.70	22.80	22.80	[illegible]	20.20
-157.0	21.40	21.80	21.70	22.20	22.70	22.70	22.80	22.80	[illegible]	20.30
-145.0	21.30	21.60	21.70	22.20	22.70	22.70	22.80	22.80	[illegible]	20.30
-133.0	20.50	20.60	20.40	20.50	21.30	21.40	21.00	21.00	[illegible]	18.10
-121.0	21.30	21.70	21.60	22.10	22.70	22.70	22.80	22.80	[illegible]	20.10
-109.0	21.30	21.70	21.70	22.10	22.60	22.70	22.70	22.80	[illegible]	20.10
-97.00	21.30	21.60	21.50	22.20	22.60	22.70	22.70	22.80	[illegible]	20.20
-85.00	21.30	21.50	21.50	22.00	22.50	22.70	22.80	22.80	20.30	20.30
-73.00	21.50	21.50	21.60	22.20	22.60	22.70	22.70	22.80	20.40	20.40
-60.00	21.70	21.80	21.70	22.20	22.60	22.70	22.80	22.80	20.30	20.30
-48.00	21.80	22.00	21.90	22.20	22.60	22.70	22.70	22.80	20.20	20.20
-36.00	21.70	21.90	21.90	22.20	22.60	22.60	22.70	22.80	21.00	21.10
-24.00	21.80	21.90	21.80	22.30	22.70	22.70	22.90	23.20	20.40	20.70
-12.00	21.90	22.40	22.10	22.40	22.90	26.60	30.30	31.70	20.60	20.80
0.0000	25.90	27.30	28.90	35.80	35.30	47.90	52.50	55.30	20.60	20.70
12.00	25.30	29.00	35.60	45.70	48.30	60.10	70.40	74.90	20.80	20.90
24.00	26.60	28.30	44.80	59.30	65.60	84.10	93.50	96.00	21.00	21.10
36.00	24.50	28.10	57.60	74.60	83.90	104.7	126.3	137.5	21.30	21.30
49.00	24.00	30.80	73.40	109.9	130.4	198.8	229.8	241.4	21.60	21.60
61.00	25.60	36.70	116.4	173.1	223.6	8.900	377.5	379.7	22.20	22.40
73.00	33.50	50.20	198.5	289.4	361.9	1459.	599.4	611.0	24.30	25.50
85.00	52.60	74.50	300.6	472.1	570.9	745.5	848.5	847.6	29.80	32.00
97.00	75.80	100.0	306.7	528.3	617.8	708.9	768.4	762.0	30.70	34.80
109.0	87.10	133.8	364.3	511.4	576.9	657.8	722.1	733.5	33.30	36.60
121.0	120.5	200.7	649.2	575.9	601.0	635.7	680.5	681.4	39.80	44.80
134.0	152.5	217.4	687.2	852.9	801.0	747.3	756.7	746.8	41.40	48.70
146.0	151.9	246.8	783.4	853.1	827.8	822.2	806.1	814.9	56.40	70.60
158.0	181.1	279.2	806.3	826.9	825.5	821.7	812.8	817.1	74.30	86.00
170.0	230.3	354.3	842.5	834.1	834.1	828.4	820.7	821.8	73.50	101.4
182.0	263.9	423.5	822.8	863.5	860.2	853.4	845.0	848.6	88.90	109.4
194.0	311.6	487.4	764.5	888.0	895.0	887.6	883.0	882.1	93.10	114.5
207.0	327.0	458.6	690.5	895.5	919.8	900.3	898.7	894.3	104.0	123.5
219.0	364.7	476.4	716.3	916.6	933.2	897.5	892.3	888.8	112.9	128.8
231.0	397.6	504.4	755.8	901.8	918.0	892.6	879.7	881.4	120.6	138.9
243.0	405.2	514.1	758.1	904.4	830.0	844.7	831.1	844.2	137.0	156.9
255.0	401.8	537.3	787.5	790.1	761.7	776.8	764.3	774.1	152.1	176.8
267.0	403.7	539.2	911.4	710.8	702.4	717.4	711.3	712.2	156.9	181.9
280.0	424.1	534.4	722.8	881.3	796.8	777.3	769.7	771.6	167.2	192.5
292.0	438.3	567.6	763.3	781.5	731.7	732.3	728.9	741.3	174.6	200.3
304.0	404.2	591.9	1060.	751.6	723.3	732.0	730.3	730.8	174.7	201.5
316.0	435.1	899.7	739.7	715.7	721.8	720.1	718.5	714.6	179.4	205.9
328.0	462.4	1029.	682.6	717.1	722.7	719.3	716.0	714.4	184.1	210.5
341.0	482.4	734.2	703.2	748.8	754.0	746.6	744.3	742.1	192.5	217.3
353.0	503.3	751.9	831.6	746.5	754.9	757.7	755.2	752.1	193.9	218.2
365.0	511.7	785.7	765.8	766.6	775.0	774.8	773.0	769.9	195.8	222.7
377.0	519.3	726.5	848.4	758.8	770.3	774.4	770.0	766.7	201.6	230.4
389.0	537.3	785.2	729.4	729.1	729.7	740.7	736.0	732.3	202.7	231.5
401.0	535.8	687.5	864.4	737.6	736.2	741.1	742.0	738.9	194.4	222.1

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#5 030 (104)	#5 061 (105)	#5 091 (106)	#5 152 (108)	#5 183 (109)	#5 213 (110)	#5 229 (111)	#5 236 (112)	#5 [illegible] [illegible]	#5 [illegible] ([illegible]
414.0	497.1	636.9	771.0	792.6	774.4	767.5	767.4	768.1	[illegible]	[illegible]
426.0	520.9	660.3	766.3	893.5	869.0	844.1	843.3	845.5	[illegible]	[illegible]
438.0	546.7	670.5	786.3	911.8	883.5	858.3	859.8	854.5	[illegible]	232.5
450.0	582.5	708.4	759.0	891.0	872.0	857.5	855.0	853.5	[illegible]	236.8
462.0	592.9	713.2	864.8	877.3	863.4	858.0	860.0	861.1	[illegible]	243.9
474.0	634.8	735.1	883.1	919.5	895.0	882.0	885.1	876.1	[illegible]	252.6
486.0	628.4	740.4	890.3	931.2	914.6	892.2	902.4	886.5	[illegible]	255.6
499.0	589.6	723.4	781.6	937.7	967.4	933.5	940.0	924.1	[illegible]	258.5
511.0	578.7	712.7	772.6	957.2	980.6	919.4	926.5	913.5	[illegible]	264.9
523.0	572.8	715.3	730.6	937.8	978.0	916.9	917.4	910.7	[illegible]	264.3
535.0	681.1	745.4	796.6	945.8	969.5	919.7	924.3	914.2	231.2	264.9
547.0	652.8	735.1	779.8	940.9	980.3	925.6	930.0	922.9	249.1	277.2
559.0	680.2	725.6	768.9	946.3	965.1	928.5	936.4	921.5	252.2	274.2
571.0	695.8	742.1	815.2	951.5	984.5	939.9	941.1	938.1	251.3	274.9
583.0	703.9	749.9	800.0	945.8	1005.	939.1	935.7	930.8	253.7	281.2
596.0	675.0	723.9	775.7	945.3	998.2	935.4	935.8	928.9	257.1	288.0
608.0	745.6	743.9	791.1	939.4	965.8	934.9	932.8	930.9	262.8	289.1
620.0	760.4	756.7	808.5	926.3	958.5	927.5	922.8	923.2	254.3	287.2
632.0	777.4	745.7	798.0	934.5	950.2	917.6	917.2	916.7	255.1	286.0
644.0	789.5	734.5	781.8	937.1	1000.	935.9	937.0	937.4	261.5	284.7
656.0	725.1	722.4	785.1	934.4	953.8	926.0	927.6	926.4	249.8	277.0
668.0	721.0	700.4	773.2	938.3	940.1	918.6	921.7	922.0	242.6	273.1
680.0	687.7	706.3	790.7	938.2	950.1	921.0	925.7	923.3	234.5	263.1
692.0	525.8	716.5	782.8	924.9	982.1	932.8	933.2	933.8	216.8	244.7
704.0	594.7	740.4	794.6	899.9	978.9	931.0	921.9	920.4	232.2	256.0
716.0	549.4	693.8	808.3	965.1	953.4	924.1	918.9	901.9	389.0	230.2
729.0	562.0	666.0	800.9	905.4	915.8	913.2	916.3	898.3	240.5	231.4
741.0	583.4	660.3	750.8	870.7	915.9	910.5	918.8	898.8	189.5	212.7
753.0	579.5	608.6	692.5	867.4	914.8	901.2	899.5	885.7	174.4	191.5
765.0	568.8	591.6	683.2	860.9	885.9	894.3	897.0	882.5	186.7	198.0
777.0	571.3	536.9	749.6	840.2	876.3	885.4	891.7	874.2	182.7	185.0
789.0	593.2	576.1	703.7	844.3	883.3	889.0	895.8	877.0	193.0	183.5
801.0	615.1	590.2	678.0	835.3	879.2	882.8	895.1	876.1	187.3	180.9
813.0	653.6	558.5	725.4	829.5	869.6	879.9	894.8	874.3	191.9	187.3
826.0	756.9	580.3	646.3	825.1	863.6	879.6	893.9	877.7	199.9	188.7
838.0	773.1	579.5	602.9	828.0	865.6	875.6	896.0	876.8	198.0	187.6
850.0	771.3	560.8	563.0	817.2	860.0	869.0	888.6	871.1	191.5	185.6
862.0	757.3	518.8	537.0	818.2	857.5	871.3	891.7	872.2	188.8	180.6
874.0	747.6	448.2	494.1	815.2	854.9	865.4	888.6	871.5	183.9	179.5
886.0	738.1	454.8	515.7	806.0	856.7	860.6	884.9	866.1	206.3	188.8
898.0	744.4	377.4	537.3	804.4	866.6	861.3	882.7	864.3	210.5	199.3
910.0	697.2	313.1	512.4	781.7	833.1	856.5	879.9	864.3	213.0	199.6
923.0	664.8	292.6	482.8	767.6	819.9	844.4	866.4	848.9	194.5	189.0
935.0	658.7	324.6	483.8	743.6	810.4	835.3	862.4	844.7	200.5	193.9
947.0	654.8	317.3	498.4	749.0	818.7	829.8	849.0	833.1	205.2	199.2
959.0	648.1	344.9	463.2	724.5	785.0	804.9	826.4	818.5	220.0	218.4
971.0	638.9	368.0	452.3	708.9	765.3	787.7	812.0	805.3	230.0	223.7
984.0	622.3	371.3	440.0	701.9	757.7	779.8	806.3	799.2	232.4	230.1
996.0	622.1	465.1	424.7	680.4	743.2	769.7	799.8	794.5	224.2	229.1
1008.	623.3	570.5	434.1	678.5	734.2	762.5	795.3	791.6	228.1	236.2

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#5 030 (104)	#5 061 (105)	#5 091 (106)	#5 152 (108)	#5 183 (109)	#5 213 (110)	#5 229 (111)	#5 236 (112)	#5 [illegible] [illegible]	#6 [illegible] ([illegible]
1020.	633.2	613.6	416.1	665.7	729.7	757.6	787.6	785.5	[illegible]	[illegible]
1032.	628.3	689.4	417.8	648.8	701.1	743.2	774.7	772.3	[illegible]	[illegible]
1044.	619.8	681.4	387.3	636.7	689.8	728.2	757.4	753.7	[illegible]	[illegible]
1057.	614.0	668.3	362.2	624.5	666.7	711.7	741.7	740.8	[illegible]	254.1
1069.	622.0	666.6	385.4	628.2	662.8	704.3	721.8	716.6	[illegible]	238.4
1081.	637.5	800.4	313.3	590.5	636.2	684.1	700.3	702.8	[illegible]	245.3
1093.	689.4	811.8	303.3	554.6	585.9	641.7	645.6	643.4	[illegible]	243.2
1105.	675.7	809.6	271.9	528.5	553.1	603.2	608.3	606.0	[illegible]	246.7
1118.	685.9	805.6	254.3	512.3	539.1	583.5	592.1	586.3	[illegible]	237.5
1130.	690.6	796.4	214.6	493.1	515.1	565.3	573.2	570.1	[illegible]	228.7
1142.	679.9	791.2	220.0	470.9	489.8	550.2	557.7	555.4	242.1	202.0
1154.	671.3	781.7	214.0	462.6	482.6	535.2	546.2	543.6	247.1	206.8
1166.	664.1	771.8	207.0	451.7	475.4	523.2	530.9	530.5	244.7	214.2
1179.	665.5	764.2	207.0	443.8	467.5	513.6	520.5	520.9	233.1	214.1
1191.	670.5	774.7	223.3	432.3	445.2	495.5	504.1	505.4	239.4	219.7
1203.	662.8	767.7	184.1	417.9	437.5	485.2	494.0	494.4	230.5	209.4
1215.	654.0	763.8	186.8	407.6	431.4	477.9	486.6	484.9	221.4	194.4
1228.	643.7	756.7	181.9	387.3	414.2	464.8	473.5	472.7	213.2	184.4
1240.	635.7	753.8	163.7	380.6	409.6	455.8	467.8	467.7	224.3	198.4
1252.	632.9	751.0	188.0	369.0	406.7	451.8	460.8	458.8	210.8	181.9
1264.	620.8	737.5	166.0	365.2	387.6	439.7	449.4	448.9	210.0	172.9
1276.	612.4	739.7	172.5	348.1	374.5	433.0	439.6	439.5	206.6	160.6
1289.	614.3	732.6	165.0	340.5	368.8	426.4	431.4	430.9	201.0	162.2
1301.	606.5	720.4	156.4	335.3	364.8	422.1	426.7	425.1	204.2	155.9
1313.	608.9	720.0	159.0	329.0	360.8	415.6	415.9	416.1	193.9	148.2
1325.	607.6	719.7	155.4	328.2	355.1	409.4	410.2	411.3	191.5	150.6
1337.	607.4	715.7	145.3	327.0	346.8	405.2	405.8	404.2	185.3	141.9
1349.	602.4	715.1	143.9	319.0	343.4	400.6	400.1	398.2	175.7	139.7
1362.	601.2	705.8	141.1	315.0	343.8	393.8	394.9	392.8	175.4	137.0
1374.	594.4	701.4	141.3	314.9	341.3	389.5	389.5	388.2	165.7	130.5
1386.	591.7	693.7	145.1	309.3	333.2	383.6	388.2	385.3	164.5	129.7
1398.	584.5	688.3	149.1	305.9	330.0	381.4	384.9	382.1	163.8	126.2
1410.	589.2	686.2	138.2	301.7	325.2	377.5	379.4	376.7	153.3	122.8
1422.	580.1	678.6	140.2	299.5	325.7	371.8	372.4	370.9	161.4	124.2
MINIMUM:	20.50	20.60	20.40	20.50	21.30	8.900	21.00	21.00	18.20	18.10
AT SCAN:	6	6	6	6	6	22	6	6	6	6
MAXIMUM:	789.5	1029.	1060.	965.1	1005.	1459.	941.1	938.1	389.0	289.1
AT SCAN:	70	44	42	76	65	23	64	64	76	67
AVERAGE:	475.8	519.2	466.5	594.1	615.0	632.1	635.9	632.3	167.3	167.6

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#6 030 (115)	#6 061 (116)	#6 091 (117)	#6 122 (118)	#6 152 (119)	#6 183 (120)	#6 196 (121)	#7 008 (122)	#7 015 (123)	#7 030 (124)
-193.0	20.40	20.60	21.20	21.80	22.50	22.80	22.70	20.70	20.60	20.60
-181.0	20.40	20.40	21.10	21.80	22.50	22.80	22.70	20.70	20.50	20.40
-169.0	20.40	20.60	21.00	21.80	22.30	22.80	22.70	20.60	20.60	20.40
-157.0	20.50	20.70	21.10	21.70	22.20	22.80	22.70	20.50	20.50	20.50
-145.0	20.60	20.80	21.30	21.70	22.20	22.80	22.80	20.50	20.70	20.20
-133.0	18.50	18.70	19.40	19.90	20.70	22.80	22.80	20.30	20.50	20.10
-121.0	20.50	20.90	21.40	21.90	22.30	22.80	22.80	20.30	20.60	20.10
-109.0	20.50	20.90	21.40	21.90	22.30	22.70	22.80	20.20	20.60	20.00
-97.00	20.50	20.80	21.30	21.70	22.40	22.80	22.70	20.30	20.50	20.10
-85.00	20.70	20.90	21.20	21.70	22.50	22.70	22.70	20.40	20.70	20.30
-73.00	20.80	20.90	21.30	21.80	22.50	22.80	22.70	20.40	20.70	20.40
-60.00	20.60	20.80	21.30	21.50	22.40	22.80	22.70	20.30	20.70	20.30
-48.00	20.60	20.80	21.50	21.70	22.20	22.60	22.60	20.30	20.60	20.10
-36.00	21.20	21.10	21.70	21.80	22.10	22.40	22.60	20.20	20.40	19.80
-24.00	21.10	21.50	22.10	22.30	28.00	30.30	30.70	20.40	20.50	20.30
-12.00	21.60	21.80	22.20	22.60	30.20	32.10	30.50	20.40	20.90	20.40
0.0000	21.40	21.60	24.20	31.60	37.10	43.10	49.40	20.50	21.00	20.50
12.00	21.30	21.50	28.20	44.40	56.20	59.00	63.50	20.80	21.10	20.80
24.00	21.50	21.80	29.20	61.90	70.30	77.50	82.80	21.10	21.20	21.00
36.00	21.70	21.90	40.40	79.10	95.40	104.4	109.1	21.30	21.40	21.20
49.00	22.40	22.60	64.20	128.8	145.0	157.9	175.2	21.70	21.70	21.40
61.00	24.30	25.80	111.3	197.1	229.3	265.7	304.8	22.60	22.70	21.80
73.00	30.80	36.50	214.2	307.3	375.3	399.4	482.9	25.20	24.80	23.10
85.00	48.10	47.30	228.6	419.4	519.0	577.6	728.7	28.30	29.90	25.90
97.00	57.20	68.50	230.3	473.3	491.0	523.3	602.2	32.70	37.50	29.80
109.0	58.70	79.50	293.4	466.4	476.4	491.7	543.0	42.60	44.30	33.30
121.0	72.10	103.0	433.8	490.0	482.2	493.8	548.6	43.40	51.10	36.60
134.0	89.60	123.3	541.1	627.4	643.0	656.7	673.1	46.00	55.30	39.20
146.0	131.0	196.5	740.3	737.8	747.6	708.4	691.4	56.80	70.60	47.30
158.0	157.6	232.5	620.8	728.9	756.5	732.8	705.8	67.00	80.90	53.80
170.0	174.9	293.2	663.8	789.9	732.4	719.3	715.6	68.70	88.60	57.10
182.0	194.7	295.7	693.1	745.8	763.5	739.2	727.3	72.50	89.10	58.80
194.0	208.5	340.5	816.2	766.2	792.1	776.9	769.7	75.40	93.70	64.90
207.0	226.7	338.0	795.3	786.4	816.0	786.3	781.2	76.60	96.40	66.50
219.0	238.3	346.2	736.8	878.3	828.5	804.2	797.8	78.50	100.7	69.20
231.0	238.2	413.0	808.0	827.9	805.7	797.3	793.2	78.80	103.8	71.20
243.0	251.1	402.4	659.7	844.6	818.8	808.4	805.0	82.30	113.2	75.90
255.0	277.5	397.4	831.4	822.0	786.0	786.8	787.5	86.30	120.4	82.60
267.0	287.8	407.1	742.4	930.0	819.7	768.4	774.2	87.50	125.8	85.50
280.0	294.7	412.7	712.6	917.7	802.8	775.7	779.7	91.80	129.4	88.50
292.0	307.3	398.0	634.0	766.3	743.0	742.7	742.6	93.30	137.9	91.40
304.0	314.0	410.0	670.9	919.0	800.2	764.3	768.2	89.90	140.3	92.30
316.0	313.6	414.8	668.6	957.7	834.4	801.7	808.3	92.10	138.8	92.50
328.0	321.0	415.4	699.3	918.6	787.5	771.2	776.0	92.90	140.3	98.20
341.0	333.6	437.0	746.0	892.9	815.2	795.7	804.4	96.00	140.3	96.50
353.0	340.2	452.0	777.8	924.4	828.5	806.4	814.2	96.30	143.1	99.70
365.0	349.3	447.0	813.1	937.0	841.9	822.6	831.8	97.40	145.3	101.7
377.0	348.4	440.3	716.1	910.1	828.8	811.6	820.1	99.60	147.1	101.6
389.0	345.5	454.0	748.8	869.6	798.1	784.9	790.9	98.90	146.0	102.5
401.0	331.6	454.7	745.2	902.2	849.5	804.7	815.6	97.10	142.2	102.4

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#6 030 (115)	#6 061 (116)	#6 091 (117)	#6 122 (118)	#6 152 (119)	#6 183 (120)	#6 196 (121)	#7 008 (122)	#7 015 (123)	#7 030 (124)
414.0	332.8	460.9	768.1	870.8	886.5	841.3	851.8	101.0	[illegible]	100.3
426.0	341.0	479.1	759.3	863.7	896.0	855.3	864.2	101.2	[illegible]	102.3
438.0	351.9	555.8	855.7	888.3	906.2	867.0	872.4	105.2	[illegible]	100.9
450.0	353.4	651.7	877.5	873.0	903.1	878.3	876.2	103.8	[illegible]	108.7
462.0	364.6	635.0	870.2	881.7	927.7	888.6	884.7	107.2	[illegible]	109.5
474.0	378.9	692.3	868.9	884.0	922.9	887.6	882.9	106.1	[illegible]	110.0
486.0	380.4	700.7	850.2	867.4	914.5	874.9	870.8	107.7	155.0	111.1
499.0	386.8	719.2	873.2	877.8	924.7	876.2	873.0	110.9	[illegible]	113.4
511.0	387.0	589.5	845.7	884.6	925.0	870.5	869.8	111.7	[illegible]	115.4
523.0	389.6	613.9	851.8	873.7	920.0	878.3	874.9	109.4	160.2	113.2
535.0	386.8	577.4	874.3	880.2	920.7	912.2	896.7	113.9	166.1	116.3
547.0	393.5	526.1	873.3	895.3	914.6	916.8	896.6	112.8	164.8	111.9
559.0	397.5	523.4	876.9	891.3	911.7	919.0	900.7	116.8	170.4	119.3
571.0	393.8	527.9	865.8	879.2	907.2	924.1	896.9	116.2	172.7	118.3
583.0	402.2	547.6	857.4	895.5	919.0	917.4	892.3	118.8	172.4	118.9
596.0	408.0	572.2	871.4	901.5	911.8	918.6	894.6	119.8	172.9	118.3
608.0	408.2	533.2	838.6	886.4	918.9	917.0	893.1	124.6	175.2	123.2
620.0	409.0	533.0	842.0	881.8	924.7	920.7	895.2	125.9	175.0	123.8
632.0	408.7	528.6	845.6	877.2	920.7	924.1	897.1	127.4	178.1	123.8
644.0	405.2	509.4	841.7	874.9	899.1	917.4	892.1	132.0	183.0	125.2
656.0	402.5	527.3	835.6	873.4	901.1	921.9	899.8	134.2	180.3	125.6
668.0	396.8	500.3	800.4	868.7	903.8	919.9	897.5	131.3	181.5	123.5
680.0	388.9	461.3	785.5	869.4	901.8	906.8	892.4	136.3	177.1	125.6
692.0	380.0	431.1	766.2	845.8	880.8	905.1	881.9	137.5	174.4	126.1
704.0	374.1	428.1	735.2	889.6	895.3	891.5	871.6	145.9	177.1	135.3
716.0	347.4	419.2	768.7	848.6	888.1	895.7	876.2	147.1	180.5	137.4
729.0	335.2	401.2	728.1	845.0	876.9	885.0	868.9	147.5	178.3	135.6
741.0	320.8	368.8	719.9	841.1	895.2	883.6	865.4	144.7	169.3	132.6
753.0	297.4	374.5	671.6	782.9	874.5	873.9	860.6	139.5	164.8	132.2
765.0	301.1	380.5	686.3	799.8	846.2	866.3	851.4	136.4	158.5	128.5
777.0	292.0	400.1	707.5	814.8	841.0	851.5	835.7	137.9	160.5	128.8
789.0	295.8	400.4	676.2	783.6	840.1	850.6	833.0	139.6	164.3	129.5
801.0	285.3	377.6	698.1	785.9	832.7	853.9	834.8	139.4	159.5	128.2
813.0	289.9	368.8	653.3	785.6	825.0	848.1	827.6	139.9	161.0	129.4
826.0	289.1	363.3	683.1	776.6	837.3	830.3	820.1	139.3	162.0	128.2
838.0	290.5	358.1	668.9	818.3	826.4	828.5	817.7	134.7	158.5	126.3
850.0	280.1	357.3	659.2	769.7	832.0	827.9	816.7	131.2	158.4	127.8
862.0	278.1	353.3	650.7	780.6	820.7	819.1	810.6	131.9	157.6	127.3
874.0	274.8	341.9	652.7	801.0	818.8	815.1	808.4	134.4	157.0	127.1
886.0	267.1	334.2	632.0	762.6	818.5	812.4	806.4	137.4	156.2	128.6
898.0	263.1	331.3	620.1	781.4	827.2	833.0	812.2	139.9	156.9	131.7
910.0	267.9	339.6	604.7	832.6	827.4	798.6	802.8	137.2	156.1	129.7
923.0	263.3	330.7	567.1	749.0	806.4	787.1	782.6	153.9	158.4	140.0
935.0	269.0	320.3	472.6	682.2	798.4	782.0	779.4	154.2	167.8	143.6
947.0	265.1	307.8	454.7	685.3	792.5	776.1	776.6	161.3	172.1	152.2
959.0	278.6	325.9	429.2	653.5	738.4	761.2	755.3	165.1	179.5	153.9
971.0	286.0	308.4	426.3	605.6	715.9	749.0	741.2	169.5	184.7	164.7
984.0	292.0	318.1	410.0	608.0	705.7	738.8	729.9	175.5	185.0	162.9
996.0	294.5	308.6	434.8	622.2	693.4	725.6	711.5	178.8	187.6	169.4
1008.	300.3	310.3	424.3	604.3	693.9	724.9	709.7	180.0	187.9	169.4

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#6 030 (115)	#6 061 (116)	#6 091 (117)	#6 122 (118)	#6 152 (119)	#6 183 (120)	#6 196 (121)	#7 008 (122)	#7 015 (123)	#7 030 (124)
1020.	298.5	313.1	428.0	588.4	689.7	716.3	703.2	178.9	[illegible]	[illegible]
1032.	291.6	307.3	435.3	588.2	687.0	704.4	693.7	193.2	[illegible]	[illegible]
1044.	302.4	295.4	435.6	578.4	688.2	690.9	683.5	198.8	[illegible]	[illegible]
1057.	303.4	319.6	402.7	556.0	674.3	678.0	671.7	200.3	[illegible]	[illegible]
1069.	297.3	312.6	428.7	566.9	668.8	675.0	668.9	202.8	[illegible]	[illegible]
1081.	288.0	304.2	426.8	498.9	639.8	667.3	661.7	215.3	[illegible]	[illegible]
1093.	294.3	281.6	373.1	464.7	595.8	622.9	620.6	209.3	[illegible]	[illegible]
1105.	273.9	287.8	371.7	432.3	551.6	582.3	582.2	211.2	[illegible]	[illegible]
1118.	259.0	269.8	386.1	415.6	528.1	557.4	556.6	210.1	[illegible]	[illegible]
1130.	246.7	269.7	377.9	403.9	503.4	540.1	536.0	205.5	[illegible]	[illegible]
1142.	243.5	257.0	349.6	387.3	493.3	527.3	522.8	199.0	197.5	177.0
1154.	238.0	249.2	327.9	392.2	485.2	515.9	511.7	193.3	191.4	171.9
1166.	239.2	263.6	333.3	384.3	465.9	502.0	500.3	188.9	188.6	171.9
1179.	243.3	255.7	311.5	381.8	457.4	495.4	491.5	187.8	190.2	172.2
1191.	235.2	248.6	319.3	372.0	446.8	480.3	478.1	188.1	187.8	170.9
1203.	226.9	245.3	300.1	363.1	438.9	471.3	467.4	182.9	186.2	172.6
1215.	223.6	237.0	286.3	359.2	430.7	466.0	462.8	179.4	188.2	170.4
1228.	216.1	235.9	286.9	344.2	418.6	458.7	453.4	182.2	190.5	174.8
1240.	224.3	228.3	283.6	339.5	410.8	452.3	447.0	175.6	185.0	167.8
1252.	217.2	228.0	272.7	339.5	404.5	446.1	440.6	183.7	184.9	170.3
1264.	216.6	218.5	276.9	329.1	404.2	437.4	434.4	179.8	180.9	163.9
1276.	210.1	211.7	270.2	319.4	391.5	427.8	424.7	176.6	182.1	165.0
1289.	205.2	209.0	265.1	311.3	385.2	423.6	419.7	171.2	182.5	163.4
1301.	204.0	211.1	253.0	301.7	378.3	416.7	412.8	171.1	183.7	166.5
1313.	199.9	209.3	249.9	309.1	374.9	412.9	410.0	172.9	182.3	168.3
1325.	198.7	212.8	248.1	301.4	370.4	407.3	403.6	170.5	185.0	167.3
1337.	193.5	216.2	252.8	297.8	363.2	397.4	395.4	167.8	185.5	165.1
1349.	197.8	216.1	237.3	288.4	358.0	399.7	395.4	169.5	185.2	166.3
1362.	190.4	215.8	247.7	283.1	355.3	390.1	387.3	170.5	183.9	166.7
1374.	191.4	214.3	242.0	281.6	350.5	386.5	383.5	165.7	181.7	160.6
1386.	185.8	210.5	240.6	283.9	346.9	379.4	376.5	162.7	179.5	159.7
1398.	183.4	203.8	241.0	277.8	346.4	375.7	372.4	161.5	177.4	156.7
1410.	181.9	205.0	234.3	281.6	338.4	371.6	369.2	158.2	175.5	154.2
1422.	179.3	204.5	234.0	270.9	335.9	365.5	362.1	158.1	175.4	153.3
MINIMUM:	18.50	18.70	19.40	19.90	20.70	22.40	22.60	20.20	20.40	19.80
AT SCAN:	6	6	6	6	6	14	13	8	14	14
MAXIMUM:	409.0	719.2	877.5	957.7	927.7	924.1	900.7	215.3	213.4	191.1
AT SCAN:	68	58	54	43	55	64	63	106	106	106
AVERAGE:	235.4	300.9	487.2	568.2	600.0	604.9	603.0	115.3	135.2	109.1

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#7 061 (125)	#7 091 (126)	#7 122 (127)	#7 152 (128)	#7 183 (129)	#7 213 (130)	#7 229 (131)	#7 236 (132)	#8 305 (133)	#8 315 (134)
-193.0	20.90	21.00	21.40	21.50	21.60	21.90	22.00	22.20	20.60	20.80
-181.0	20.90	21.00	21.40	21.50	21.70	21.80	22.10	22.10	20.60	20.80
-169.0	21.00	21.00	21.40	21.50	21.70	21.80	22.00	22.00	20.60	20.80
-157.0	21.00	21.20	21.50	21.50	21.60	21.90	22.10	22.20	20.60	20.80
-145.0	21.00	21.00	21.50	21.50	21.50	21.80	21.90	22.00	20.60	20.90
-133.0	20.90	21.00	21.40	21.50	21.60	21.80	22.00	22.00	20.60	20.80
-121.0	21.00	21.10	21.50	21.50	21.80	21.80	22.00	22.00	20.50	20.70
-109.0	21.10	21.20	21.50	21.60	21.70	21.80	21.90	22.10	20.70	20.80
-97.00	20.90	21.10	21.40	21.40	21.60	21.70	22.00	22.10	20.50	20.70
-85.00	20.90	21.10	21.50	21.50	21.70	22.10	22.30	22.30	20.50	20.70
-73.00	20.80	21.10	21.50	21.50	21.60	21.90	22.10	22.10	20.70	20.80
-60.00	20.80	21.10	21.50	21.40	21.50	21.80	22.00	22.00	20.80	20.90
-48.00	20.80	21.10	21.50	21.50	21.70	21.80	22.10	22.10	20.70	20.90
-36.00	20.80	20.90	21.40	21.50	21.60	21.80	22.10	22.10	20.50	20.70
-24.00	20.90	20.90	21.40	21.40	21.60	21.80	22.20	22.10	20.50	20.70
-12.00	21.30	21.60	21.80	21.70	21.90	21.90	22.20	22.20	20.70	20.90
0.0000	21.30	21.70	21.80	21.80	22.30	22.80	23.70	24.60	20.70	20.80
12.00	21.30	21.40	21.70	21.80	22.70	27.00	30.40	32.40	20.90	21.00
24.00	21.30	21.40	21.70	21.70	27.30	40.00	50.80	53.90	21.10	21.20
36.00	21.40	21.40	21.90	21.90	30.20	50.30	63.30	69.80	21.20	21.30
49.00	21.80	21.90	22.60	25.30	46.80	79.90	99.00	102.7	21.60	21.80
61.00	23.00	22.60	24.10	36.20	82.00	160.2	187.1	196.6	21.90	22.50
73.00	25.60	25.10	34.10	65.50	143.4	304.5	342.7	353.7	23.20	24.40
85.00	34.40	35.50	48.70	82.60	181.3	354.8	437.9	464.6	24.90	28.10
97.00	43.60	44.70	65.70	121.8	249.8	430.7	442.1	447.7	27.90	32.60
109.0	44.90	52.80	83.00	125.8	257.5	394.9	419.2	424.8	30.80	36.40
121.0	50.60	64.80	97.10	196.6	334.5	410.9	438.2	439.5	31.70	42.90
134.0	57.50	73.60	112.6	242.4	419.1	525.2	560.0	577.9	32.70	44.00
146.0	76.80	95.80	165.3	350.2	728.2	776.4	712.5	713.7	36.60	51.30
158.0	89.50	114.2	211.8	402.6	615.4	709.6	689.7	699.2	41.40	59.00
170.0	100.1	132.3	230.4	420.0	706.2	733.6	712.6	723.3	41.70	61.30
182.0	109.6	144.2	246.5	434.0	700.5	719.5	695.0	701.5	44.70	66.70
194.0	117.7	151.1	253.2	441.0	727.5	743.2	728.3	728.5	46.70	68.20
207.0	138.2	165.2	278.5	493.9	784.0	737.8	708.7	702.7	50.00	71.50
219.0	150.2	167.0	289.7	460.7	759.8	804.9	765.3	768.8	53.60	73.70
231.0	162.8	186.3	303.1	460.3	792.7	778.8	741.6	745.2	55.90	76.40
243.0	168.8	183.1	306.2	473.6	789.8	822.0	785.0	781.3	58.70	82.40
255.0	187.0	191.2	327.6	506.2	828.7	829.0	756.6	742.7	63.30	85.80
267.0	191.8	204.2	325.3	472.2	805.0	795.1	742.0	735.9	64.40	87.80
280.0	197.1	208.9	323.3	500.8	744.2	864.1	802.0	790.3	66.60	92.30
292.0	208.0	214.2	336.9	513.6	818.2	814.5	755.5	743.6	68.50	91.90
304.0	209.0	220.2	328.8	499.0	798.1	852.8	782.6	770.7	68.70	92.00
316.0	220.0	230.4	344.3	575.1	714.6	825.2	778.2	761.3	67.70	92.70
328.0	202.8	229.6	347.8	563.9	846.9	788.2	749.3	750.6	69.40	92.20
341.0	216.0	236.5	351.4	547.5	819.0	845.8	788.2	789.5	71.50	94.70
353.0	212.6	238.0	352.0	534.9	836.5	826.7	762.7	756.3	74.30	96.20
365.0	221.5	240.0	346.6	492.9	743.1	799.0	782.7	780.4	73.10	97.30
377.0	234.2	236.8	362.2	536.8	850.7	834.1	772.0	763.9	73.60	98.10
389.0	234.6	242.6	374.9	577.5	883.4	790.5	750.3	742.8	71.30	94.60
401.0	233.7	238.7	362.9	515.5	859.4	861.0	818.4	808.1	71.20	93.50

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#7 061 (125)	#7 091 (126)	#7 122 (127)	#7 152 (128)	#7 183 (129)	#7 213 (130)	#7 229 (131)	#7 236 (132)	#8 005 (133)	#8 015 (134)
414.0	213.0	243.8	366.0	490.1	741.0	818.2	818.2	820.6	78.30	95.60
426.0	223.3	249.6	372.1	503.4	792.3	852.3	830.5	828.6	79.90	96.90
438.0	219.3	257.3	382.7	533.3	780.8	805.8	806.8	810.4	78.40	98.10
450.0	219.5	268.6	398.8	538.9	772.5	840.4	820.8	815.7	79.20	102.3
462.0	217.5	275.5	399.2	529.8	730.7	833.4	840.4	842.8	81.30	104.0
474.0	229.1	279.4	408.7	548.9	753.6	832.1	818.3	813.7	83.00	103.9
486.0	236.9	279.0	414.3	528.2	760.6	822.8	825.0	815.5	80.30	106.2
499.0	229.8	280.4	404.3	513.3	667.2	781.9	821.4	826.0	83.30	106.0
511.0	222.1	281.0	398.5	513.5	721.7	836.1	846.2	844.6	85.00	108.2
523.0	226.4	281.2	398.1	521.3	673.8	771.6	820.1	832.8	85.60	107.9
535.0	224.7	285.4	394.7	526.3	660.6	739.1	805.1	831.3	86.80	111.5
547.0	225.3	287.7	403.4	521.2	685.3	759.5	811.3	822.8	95.40	118.1
559.0	227.0	290.3	396.1	524.5	706.0	774.5	809.4	819.9	98.10	118.5
571.0	231.7	294.8	396.4	532.1	664.2	738.1	799.1	818.7	98.30	120.2
583.0	233.4	295.1	403.2	529.4	691.6	759.3	809.6	825.9	101.1	127.8
596.0	239.9	294.5	400.0	525.2	656.6	769.2	822.7	838.8	102.5	127.9
608.0	247.9	298.1	404.4	542.9	664.9	781.1	820.0	837.8	104.9	131.2
620.0	245.4	304.1	405.2	519.3	703.9	791.2	827.3	840.7	107.6	134.4
632.0	244.6	306.7	405.6	520.5	698.0	792.9	828.1	839.5	109.6	137.9
644.0	248.2	305.6	401.2	508.6	695.0	772.9	811.7	823.2	116.2	140.2
656.0	248.3	307.6	404.1	508.4	691.4	806.0	825.3	842.3	111.5	141.3
668.0	248.9	302.6	394.3	506.4	668.4	774.8	809.5	824.8	116.5	142.7
680.0	240.1	297.8	395.3	509.0	673.9	759.2	804.5	816.4	113.1	138.2
692.0	233.4	292.5	382.2	456.3	571.1	699.3	750.2	766.9	110.7	136.2
704.0	229.2	286.2	370.4	446.5	643.2	744.7	777.1	776.7	115.4	140.4
716.0	223.2	282.0	368.9	437.4	596.5	691.2	756.8	772.0	117.7	144.1
729.0	215.8	270.8	354.9	429.0	564.7	697.7	745.1	759.5	118.4	142.0
741.0	205.8	257.1	350.2	424.1	613.6	754.3	754.8	745.7	121.0	141.3
753.0	205.0	248.0	340.5	406.1	518.5	642.1	697.0	701.3	116.5	140.2
765.0	200.0	246.4	343.6	401.5	567.5	672.2	710.9	705.9	117.7	140.1
777.0	196.8	247.1	333.3	386.8	534.9	604.6	632.5	628.2	113.4	138.9
789.0	199.2	246.5	335.2	385.4	480.5	603.7	672.2	695.4	112.0	137.0
801.0	196.6	243.8	334.2	399.4	576.6	696.9	709.3	692.8	111.5	135.3
813.0	195.0	241.9	334.9	456.6	652.5	708.1	690.6	678.8	110.7	137.4
826.0	200.5	237.2	329.7	432.3	674.9	712.3	707.6	695.7	111.8	136.8
838.0	198.1	235.3	327.6	419.2	736.6	721.2	696.4	680.0	111.1	137.3
850.0	194.3	233.6	323.2	401.6	677.0	734.9	703.1	682.2	110.8	136.0
862.0	192.1	228.7	320.7	389.0	628.2	744.7	729.7	712.3	109.6	133.5
874.0	190.3	223.3	314.8	376.9	621.1	717.5	733.5	716.5	116.0	136.1
886.0	189.6	225.5	311.0	374.5	621.1	739.9	708.1	700.3	113.1	136.6
898.0	192.9	222.2	303.6	373.0	545.3	680.8	712.4	700.7	110.6	135.0
910.0	192.9	220.6	307.0	375.5	550.8	615.2	627.5	639.7	111.4	134.5
923.0	188.9	218.8	304.7	389.1	571.7	652.8	641.9	649.7	111.3	135.7
935.0	188.2	225.7	314.4	386.9	543.0	648.0	631.2	639.1	113.8	137.7
947.0	193.1	228.6	313.0	394.1	537.2	629.8	620.4	629.8	115.7	138.4
959.0	191.3	236.3	320.9	412.1	525.2	592.3	618.3	627.8	117.2	139.4
971.0	199.1	247.6	329.9	425.7	513.1	579.5	624.9	638.0	120.3	140.8
984.0	206.8	248.7	322.7	424.8	499.9	557.4	597.4	615.1	123.6	144.5
996.0	202.9	251.0	330.1	413.1	494.3	557.0	595.8	604.8	123.6	146.8
1008.	209.9	257.0	329.3	408.3	497.7	555.9	605.3	613.1	122.6	144.0

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#7 061 (125)	#7 091 (126)	#7 122 (127)	#7 152 (128)	#7 183 (129)	#7 213 (130)	#7 229 (131)	#7 236 (132)	#8 005 (133)	#8 015 (134)
1020.	209.9	250.7	325.5	406.2	492.5	547.6	577.2	587.2	[illegible]	143.5
1032.	216.1	248.3	322.5	420.1	513.2	564.9	579.9	589.0	[illegible]	145.3
1044.	219.3	255.1	339.8	429.7	518.2	563.7	578.9	587.6	[illegible]	147.5
1057.	222.9	262.1	339.9	426.3	515.8	571.5	589.5	591.1	[illegible]	157.[illegible]
1069.	221.4	263.9	342.2	432.4	552.0	601.6	632.9	648.3	[illegible]	163.4
1081.	228.6	261.6	357.8	415.1	539.4	608.2	618.1	618.0	[illegible]	157.6
1093.	227.3	257.0	339.0	402.8	519.5	574.0	576.4	576.0	148.4	169.4
1105.	235.2	256.4	322.5	378.3	477.1	541.1	554.1	554.8	[illegible]	161.8
1118.	219.8	246.9	312.3	367.3	458.8	529.0	538.5	541.4	[illegible]	160.2
1130.	215.6	251.2	304.0	354.5	444.9	513.7	526.0	527.0	[illegible]	159.9
1142.	208.8	244.6	292.5	345.3	442.1	498.0	508.8	512.7	131.2	155.2
1154.	208.8	224.2	283.3	339.0	423.0	494.5	507.6	510.5	131.3	151.6
1166.	205.3	228.1	275.6	335.4	411.0	490.6	501.7	503.4	127.9	151.7
1179.	201.7	229.7	269.5	325.5	401.8	478.6	489.8	493.7	128.5	150.5
1191.	201.8	225.1	264.5	323.0	391.5	470.9	476.1	480.5	127.6	150.3
1203.	197.1	222.8	259.1	316.4	387.5	461.9	474.6	478.3	125.4	148.7
1215.	200.3	216.7	258.4	306.6	385.3	458.3	468.6	472.6	123.4	149.0
1228.	202.6	217.1	249.6	305.3	373.8	450.4	464.7	465.9	123.2	149.7
1240.	202.9	214.8	246.5	300.5	373.4	443.7	458.0	460.9	122.7	149.8
1252.	196.9	209.9	246.0	296.3	366.4	440.9	450.9	453.7	120.9	147.5
1264.	198.3	208.3	244.5	292.8	359.3	431.8	442.8	444.0	120.6	146.7
1276.	195.5	209.7	239.4	288.4	351.2	419.5	435.0	436.3	121.7	150.0
1289.	196.7	210.3	236.2	283.0	351.0	420.0	430.0	432.2	118.1	147.7
1301.	194.1	207.8	232.7	277.4	360.2	408.3	415.7	417.0	118.9	145.3
1313.	197.0	207.8	231.2	275.3	345.8	405.1	411.3	412.2	119.5	145.8
1325.	197.2	199.1	226.5	273.3	327.2	404.2	405.3	406.2	122.0	141.6
1337.	194.4	206.8	229.6	263.0	329.6	390.4	395.2	398.0	126.1	148.7
1349.	191.2	205.9	230.2	269.4	332.5	387.9	396.9	398.8	126.9	149.3
1362.	191.5	205.1	231.2	260.5	327.1	383.5	390.4	392.5	123.3	147.4
1374.	193.0	204.0	221.3	258.1	317.4	381.3	387.7	389.0	123.9	148.5
1386.	190.8	201.1	221.9	260.8	315.0	376.8	383.9	385.5	121.2	146.3
1398.	188.7	200.9	214.4	258.5	309.5	372.9	377.7	378.4	119.8	143.4
1410.	186.1	197.8	212.7	255.2	307.9	366.2	375.8	376.8	122.7	141.1
1422.	186.3	191.2	215.9	253.9	301.9	368.1	370.5	371.4	117.5	141.8
MINIMUM:	20.80	20.90	21.40	21.40	21.50	21.70	21.90	22.00	20.50	20.70
AT SCAN:	11	14	1	9	5	9	5	3	3	7
MAXIMUM:	248.9	307.6	414.3	577.5	883.4	864.1	846.2	844.6	148.4	169.4
AT SCAN:	72	71	57	49	49	40	59	59	107	107
AVERAGE:	166.6	192.9	260.6	344.1	483.2	542.4	548.5	551.0	86.17	105.1

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#8 030 (135)	#8 061 (136)	#8 091 (137)	#8 122 (138)	#8 152 (139)	#8 183 (140)	#8 196 (141)	TCGRID (142)	STK 01 [illegible]	STK 02 [illegible]
-193.0	20.90	21.00	21.20	21.30	21.50	21.60	21.70	19.90	[illegible]	[illegible]
-181.0	20.90	21.00	21.20	21.30	21.50	21.70	21.70	19.80	[illegible]	[illegible]
-169.0	21.00	21.10	21.20	21.30	21.50	21.60	21.70	19.70	[illegible]	[illegible]
-157.0	20.90	21.10	21.20	21.30	21.50	21.50	21.70	19.80	[illegible]	[illegible]
-145.0	21.00	21.00	21.20	21.20	21.50	21.30	21.50	19.50	[illegible]	20.40
-133.0	21.00	21.00	21.20	21.30	21.50	21.30	21.60	19.50	[illegible]	20.60
-121.0	20.90	21.00	21.20	21.30	21.50	21.60	21.70	19.60	[illegible]	20.60
-109.0	20.90	21.00	21.20	21.30	21.60	21.60	21.80	19.70	[illegible]	20.60
-97.00	21.00	21.00	21.20	21.30	21.50	21.70	21.70	19.70	[illegible]	20.60
-85.00	20.90	20.90	21.10	21.30	21.50	21.60	21.70	19.70	[illegible]	20.50
-73.00	20.90	20.90	21.20	21.30	21.50	21.60	21.70	19.70	21.20	20.60
-60.00	20.90	21.00	21.20	21.30	21.60	21.60	21.80	19.70	21.30	20.60
-48.00	21.00	21.00	21.10	21.40	21.50	21.60	21.70	19.70	21.20	20.60
-36.00	20.90	21.00	21.20	21.30	21.50	21.60	21.70	19.70	21.20	20.60
-24.00	20.90	21.10	21.20	21.30	21.50	21.60	21.70	19.70	21.20	20.50
-12.00	21.00	21.10	21.20	21.20	21.50	21.60	21.80	19.70	21.20	20.50
0.0000	21.00	21.00	21.20	21.30	21.50	21.50	21.70	19.70	21.20	20.50
12.00	21.10	21.10	21.20	21.30	21.60	22.10	23.50	19.70	21.10	20.60
24.00	21.20	21.30	21.30	21.50	21.80	24.00	28.70	19.80	21.10	20.60
36.00	21.30	21.30	21.40	22.00	22.90	24.70	35.00	19.90	21.20	20.60
49.00	22.00	21.90	22.40	23.50	26.60	31.20	43.30	19.90	21.10	20.70
61.00	22.70	22.90	24.90	27.40	32.80	44.30	61.70	20.00	21.40	20.70
73.00	23.90	24.20	25.90	39.00	48.00	77.90	113.9	20.50	21.60	21.00
85.00	27.90	28.00	28.50	58.00	71.60	149.9	186.3	21.00	22.00	21.50
97.00	31.60	31.30	35.50	66.40	101.6	191.3	217.8	20.70	22.30	21.70
109.0	35.40	36.80	44.70	65.70	125.8	207.4	231.2	20.70	22.00	21.70
121.0	41.20	41.60	49.00	91.40	150.0	223.9	252.0	21.10	22.30	21.80
134.0	42.40	46.80	60.20	97.50	158.1	250.6	275.0	57.90	24.90	23.30
146.0	50.10	53.20	74.50	136.8	193.5	316.3	365.8	246.2	80.00	69.60
158.0	56.70	66.00	93.60	160.4	234.5	358.7	397.3	278.6	116.1	108.4
170.0	62.00	74.50	107.3	176.3	268.1	392.8	430.1	238.0	117.1	114.3
182.0	64.80	84.60	123.2	185.6	272.3	390.6	416.2	216.4	118.1	117.9
194.0	68.90	91.70	132.8	199.8	283.2	411.2	450.3	190.4	117.7	119.4
207.0	72.70	99.10	149.3	211.0	299.6	431.6	460.7	164.5	110.4	114.7
219.0	77.20	104.9	151.3	218.4	308.6	435.2	467.0	181.3	116.8	120.3
231.0	79.10	107.9	164.1	228.5	316.8	437.1	474.6	174.4	117.8	122.5
243.0	88.10	120.9	175.6	239.4	330.1	470.0	492.8	187.8	123.2	128.0
255.0	97.10	133.0	183.7	252.8	327.3	467.0	502.9	178.9	120.3	128.1
267.0	98.40	137.1	193.9	250.1	318.2	457.1	504.9	173.6	120.4	129.3
280.0	100.4	149.1	203.5	259.1	322.2	473.7	574.7	176.0	121.4	131.4
292.0	111.0	153.2	209.3	271.2	338.1	491.6	541.6	182.4	123.1	133.3
304.0	110.9	154.7	210.8	271.8	342.7	464.2	516.6	189.2	126.3	137.1
316.0	111.2	164.7	216.2	276.8	344.7	482.7	536.5	209.8	132.5	140.0
328.0	113.7	163.6	216.0	276.7	345.0	476.6	530.4	209.0	135.9	144.8
341.0	114.5	162.3	218.7	278.1	347.4	471.4	518.7	198.9	136.0	147.2
353.0	117.0	161.5	224.0	281.6	346.1	483.0	519.1	201.5	137.5	147.8
365.0	116.2	165.7	226.1	281.1	347.8	470.0	509.9	188.5	134.7	147.1
377.0	117.7	166.9	227.5	283.6	352.8	479.3	511.8	168.5	131.5	143.5
389.0	120.0	168.5	228.8	283.0	347.9	485.4	516.1	166.7	125.9	138.5
401.0	120.0	175.2	226.2	282.2	351.7	485.0	513.7	175.3	127.5	139.9

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#8 030 (135)	#8 061 (136)	#8 091 (137)	#8 122 (138)	#8 152 (139)	#8 183 (140)	#8 196 (141)	TCGRID (142)	STK 01 (143)	STK 02 (144)
414.0	118.2	172.0	226.3	281.1	354.9	492.6	520.2	245.8	[illegible]	151.5
426.0	119.3	181.1	232.7	280.6	355.3	498.0	527.4	267.1	[illegible]	167.5
438.0	120.7	185.0	241.6	286.5	372.6	500.2	520.6	268.8	[illegible]	170.5
450.0	126.2	191.8	242.4	294.8	378.1	496.6	521.7	263.1	[illegible]	177.0
462.0	127.3	195.4	257.1	297.8	381.7	507.9	531.8	242.5	[illegible]	175.5
474.0	129.5	202.3	261.2	304.1	394.9	506.9	527.2	229.1	[illegible]	175.5
486.0	129.9	206.8	260.8	301.0	386.8	496.7	518.6	206.6	[illegible]	172.5
499.0	127.0	208.4	259.8	303.2	391.5	515.2	531.9	195.2	[illegible]	167.5
511.0	129.1	207.4	261.8	309.6	393.6	502.5	531.5	173.7	[illegible]	161.5
523.0	128.2	212.2	263.7	308.7	398.2	504.1	528.8	161.8	[illegible]	156.2
535.0	131.9	212.1	266.7	320.7	398.3	510.7	538.3	160.4	138.1	153.8
547.0	135.6	208.5	268.4	321.5	414.2	519.9	549.2	155.2	135.1	150.5
559.0	134.7	216.5	269.0	324.4	403.3	530.7	556.3	155.5	133.2	148.5
571.0	137.0	219.9	270.6	333.4	404.0	517.4	544.2	157.1	132.1	147.1
583.0	145.4	225.8	277.6	334.6	408.9	527.3	548.9	156.8	129.5	144.8
596.0	147.6	227.0	280.6	335.6	413.6	526.1	552.5	155.9	128.9	143.4
608.0	152.1	228.7	279.5	331.9	414.7	535.5	560.8	155.9	127.9	142.4
620.0	152.6	228.2	279.9	343.6	412.2	530.2	563.2	158.0	127.0	141.0
632.0	153.0	232.3	282.9	338.0	417.6	537.6	564.1	158.1	127.9	141.9
644.0	157.7	229.0	278.3	338.0	413.0	528.2	568.2	153.7	125.1	139.6
656.0	157.1	231.1	284.5	336.2	411.9	529.8	563.0	156.0	125.6	140.1
668.0	154.2	223.6	279.2	331.3	408.2	524.3	558.6	153.0	124.3	138.7
680.0	154.0	218.3	277.8	329.0	405.6	523.5	554.9	152.6	123.1	136.5
692.0	150.0	209.2	268.8	322.0	394.1	524.3	549.6	146.3	120.1	134.3
704.0	147.0	208.5	258.9	316.5	390.4	517.9	541.8	143.1	118.7	132.8
716.0	147.9	211.9	259.6	308.6	384.5	506.6	538.2	138.7	117.8	130.6
729.0	146.2	216.7	253.4	307.8	377.7	497.6	530.1	130.8	113.9	127.9
741.0	145.3	203.7	241.2	296.2	365.2	489.9	514.7	130.7	112.5	126.3
753.0	143.7	204.8	237.4	290.8	364.3	484.8	511.5	128.1	111.2	124.4
765.0	147.2	204.6	236.9	285.4	359.9	474.3	503.3	127.1	108.9	122.0
777.0	145.6	207.9	233.2	284.5	355.0	476.9	501.7	124.9	107.8	121.0
789.0	144.7	193.3	232.1	286.1	355.5	475.1	502.9	121.9	106.3	119.5
801.0	143.6	194.2	226.2	281.4	350.0	470.4	496.4	119.9	103.8	117.0
813.0	144.8	190.1	225.2	280.0	342.2	457.2	486.7	118.8	102.3	115.3
826.0	144.5	190.8	225.3	279.7	344.2	448.3	477.9	119.0	102.2	114.6
838.0	148.0	188.8	226.0	280.6	342.9	446.7	479.7	112.8	100.5	112.9
850.0	145.3	184.2	221.6	276.6	340.8	450.3	480.4	111.1	98.60	111.4
862.0	144.0	183.4	218.9	273.2	336.9	439.3	477.3	110.1	97.20	109.7
874.0	147.1	178.3	213.0	270.0	330.5	451.7	480.3	107.3	95.40	107.9
886.0	146.7	173.1	213.6	271.6	333.3	432.7	467.8	107.6	94.60	106.7
898.0	148.9	180.8	213.7	269.6	331.2	439.4	472.3	107.7	93.60	105.2
910.0	147.7	181.3	213.2	270.2	328.6	427.0	466.0	104.5	93.60	104.8
923.0	145.8	187.2	216.6	269.3	330.8	417.0	449.0	103.0	91.50	103.1
935.0	147.8	194.3	227.5	272.4	327.6	401.1	433.4	101.3	91.20	102.2
947.0	147.2	188.8	222.8	270.3	331.8	413.3	446.3	97.70	89.00	100.4
959.0	153.3	205.5	234.8	273.4	328.5	421.7	463.3	98.20	88.80	99.80
971.0	156.6	213.0	239.7	280.1	332.6	424.2	469.2	96.40	87.70	98.30
984.0	157.1	214.2	241.1	279.9	333.2	422.1	475.8	94.10	86.50	97.20
996.0	157.9	217.6	238.2	281.2	334.4	440.3	492.3	91.60	84.70	95.30
1008.	158.8	211.2	238.6	281.9	338.9	431.2	477.5	89.40	84.00	94.00

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#8 030 (135)	#8 061 (136)	#8 091 (137)	#8 122 (138)	#8 152 (139)	#8 183 (140)	#8 196 (141)	TCGRID (142)	STN 01 (143)	STN 02 (144)
1020.	157.6	216.2	236.8	279.0	339.9	431.9	495.7	88.30	92.30	92.30
1032.	159.5	216.4	240.4	282.9	345.7	440.3	492.6	89.00	91.30	91.90
1044.	163.0	227.4	248.9	287.7	343.2	469.8	500.5	89.60	91.10	90.80
1057.	166.7	226.7	252.5	291.2	347.3	459.7	505.5	86.00	91.00	89.80
1069.	170.7	234.4	259.3	294.8	348.9	461.8	514.7	88.70	89.80	89.60
1081.	171.9	232.3	263.9	301.4	356.0	467.1	524.1	85.70	89.30	89.10
1093.	176.1	233.5	259.7	300.8	342.8	454.5	497.3	78.80	87.50	87.10
1105.	175.7	227.2	250.0	295.9	332.3	414.9	473.5	71.50	84.00	83.50
1118.	171.8	219.7	245.9	287.4	321.3	395.7	437.7	69.60	81.90	81.60
1130.	170.2	215.4	237.8	280.4	317.7	384.5	433.3	65.90	79.40	79.50
1142.	172.1	207.5	229.4	269.8	310.8	382.3	418.4	62.30	68.30	77.30
1154.	170.2	202.2	223.0	269.2	303.2	374.8	421.3	61.10	66.80	75.70
1166.	169.2	202.2	221.3	257.5	301.3	385.3	417.9	59.70	65.70	74.10
1179.	170.0	197.8	216.4	251.0	298.4	369.7	410.9	58.60	63.80	72.50
1191.	166.1	198.8	216.1	248.7	293.1	369.3	406.9	58.30	62.80	71.00
1203.	164.2	194.7	213.2	247.5	288.1	350.4	393.1	56.80	61.80	69.70
1215.	161.9	189.8	208.7	245.0	284.6	346.9	386.4	55.50	61.00	68.50
1228.	165.2	181.8	207.0	238.2	280.7	350.4	384.0	53.70	59.30	66.90
1240.	165.4	180.0	205.1	233.3	279.5	340.9	373.4	54.20	59.00	65.90
1252.	162.6	179.7	202.0	236.0	275.3	338.6	368.9	52.40	58.20	65.10
1264.	160.3	181.5	197.1	231.9	272.5	340.5	372.8	52.40	57.30	64.10
1276.	161.0	181.0	195.7	225.9	268.5	341.8	371.2	51.70	56.50	63.10
1289.	164.4	181.1	194.1	221.4	264.6	334.5	363.0	49.80	55.70	62.00
1301.	165.0	178.0	190.4	217.1	260.6	319.7	354.1	48.30	54.80	60.90
1313.	166.6	171.5	184.9	216.5	256.0	323.3	347.5	47.70	54.10	59.90
1325.	158.0	178.3	189.2	212.6	251.3	323.6	343.4	47.80	53.60	59.30
1337.	163.3	176.6	187.1	211.2	250.2	311.6	334.0	47.90	53.10	58.60
1349.	162.0	176.6	185.8	212.3	249.8	311.8	335.5	48.20	52.40	58.00
1362.	161.7	174.6	184.8	208.5	246.5	306.9	323.8	46.90	51.90	57.40
1374.	159.3	172.5	184.4	209.0	245.3	301.9	320.6	46.20	51.00	56.40
1386.	163.0	173.3	178.0	204.8	245.3	304.4	321.4	45.10	50.60	55.60
1398.	163.9	171.3	177.3	203.5	241.5	304.9	318.5	44.30	50.20	55.10
1410.	163.1	170.5	179.6	198.5	242.7	304.1	319.8	43.30	49.50	54.40
1422.	160.1	171.8	178.2	200.3	238.6	301.3	316.0	42.40	48.90	53.80
MINIMUM:	20.90	20.90	21.10	21.20	21.50	21.30	21.50	19.50	20.80	20.40
AT SCAN:	1	10	10	5	1	5	5	5	5	5
MAXIMUM:	176.1	234.4	284.5	343.6	417.6	537.6	574.7	278.6	170.1	177.0
AT SCAN:	107	105	71	68	69	69	40	30	54	54
AVERAGE:	115.9	152.1	181.3	220.3	272.0	358.3	387.0	106.7	84.95	92.44

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	STK 03 (145)	STK 04 (146)	STK 05 (147)	STK 06 (148)	STK 07 (149)	STK 08 (150)	STK 09 (151)	QR1STK (152)	QR2STK (153)	#9 005 (154)
-193.0	20.70	21.60	20.60	20.60	21.00	20.70	20.60	21.00	[illegible]	22.[illegible]
-181.0	20.60	21.20	20.70	20.50	21.20	20.80	20.40	20.92	[illegible]	21.90
-169.0	20.70	21.40	20.60	20.50	21.00	20.70	20.40	20.90	[illegible]	21.90
-157.0	20.60	21.40	20.50	20.60	21.00	20.70	20.60	20.98	[illegible]	21.90
-145.0	20.40	20.90	20.20	20.20	20.70	20.70	20.60	21.00	[illegible]	21.80
-133.0	20.50	21.10	20.50	20.40	21.00	20.60	20.20	21.08	[illegible]	21.70
-121.0	20.60	21.40	20.50	20.40	21.00	20.60	20.50	21.02	[illegible]	21.80
-109.0	20.60	21.00	20.60	20.40	21.10	20.60	20.30	21.00	[illegible]	21.80
-97.00	20.60	21.00	20.60	20.40	21.10	20.70	20.30	20.92	[illegible]	21.70
-85.00	20.60	21.30	20.50	20.40	21.00	20.60	20.40	20.90	[illegible]	21.80
-73.00	20.50	21.00	20.60	20.40	21.10	20.60	20.30	20.90	21.00	21.90
-60.00	20.50	21.10	20.50	20.30	21.10	20.60	20.40	20.82	20.92	21.80
-48.00	20.50	21.40	20.40	20.50	21.00	20.60	20.40	20.80	20.90	21.60
-36.00	20.50	21.00	20.60	20.40	21.10	20.60	20.30	20.80	20.82	21.60
-24.00	20.50	21.20	20.50	20.30	21.00	20.60	20.30	20.80	20.88	21.60
-12.00	20.50	21.00	20.50	20.30	21.10	20.60	20.30	20.80	20.90	21.90
0.0000	20.50	21.00	20.50	20.30	21.10	20.50	20.30	20.80	20.82	21.80
12.00	20.50	21.10	20.50	20.40	21.00	20.50	20.30	20.80	20.88	22.20
24.00	20.50	21.00	20.50	20.40	21.00	20.60	20.30	20.88	20.90	22.30
36.00	20.50	21.00	20.60	20.40	21.10	20.60	20.30	20.97	20.90	22.80
49.00	20.50	21.30	20.50	20.50	21.10	20.60	20.40	21.00	20.98	22.80
61.00	20.70	21.20	20.70	20.40	21.30	20.60	20.40	21.24	21.32	22.90
73.00	20.90	21.70	20.80	20.80	21.40	20.80	20.70	22.17	22.27	23.20
85.00	21.40	21.70	21.30	21.00	21.90	21.10	21.00	23.67	23.69	24.00
97.00	21.70	22.20	21.50	21.20	21.90	21.20	21.20	25.98	25.98	25.90
109.0	21.70	21.80	21.50	21.20	21.90	21.20	21.10	28.24	28.32	32.70
121.0	21.90	22.00	21.70	21.30	22.10	21.30	21.30	30.09	30.12	33.40
134.0	23.00	24.50	24.00	22.40	25.80	22.80	22.80	32.74	32.74	33.90
146.0	62.10	78.90	63.30	72.30	79.30	59.00	64.00	35.04	35.04	39.00
158.0	84.60	110.7	92.10	102.1	112.4	83.60	94.80	37.64	37.64	42.30
170.0	94.90	112.4	98.60	105.0	112.8	87.80	99.60	39.78	39.70	52.80
182.0	101.3	115.4	102.3	108.7	113.9	92.10	103.3	42.10	42.00	53.60
194.0	104.6	114.4	103.1	108.5	112.6	92.90	103.0	43.48	43.45	55.60
207.0	101.8	109.6	100.6	105.3	107.5	92.00	100.8	44.91	44.83	70.80
219.0	108.1	114.2	105.5	110.7	112.0	96.90	105.3	46.86	46.84	76.20
231.0	110.3	115.2	109.7	113.6	113.3	99.80	109.2	48.01	48.01	83.20
243.0	116.3	118.6	115.0	119.7	118.2	106.0	115.0	49.31	49.31	86.90
255.0	116.8	116.7	115.5	119.2	116.1	106.4	115.6	50.31	50.15	90.80
267.0	118.3	119.3	118.0	120.0	115.8	108.3	117.2	51.30	51.25	93.40
280.0	121.9	119.6	120.7	122.8	118.6	110.9	120.2	52.00	52.00	93.90
292.0	123.5	120.0	123.0	124.2	119.8	113.3	122.0	52.81	52.73	97.60
304.0	126.7	125.2	126.7	127.6	120.5	116.7	126.0	53.48	53.38	97.30
316.0	131.8	131.6	133.6	134.5	127.5	122.7	133.7	53.92	53.90	102.0
328.0	134.1	131.3	136.5	137.7	129.4	126.1	136.9	54.58	54.66	100.6
341.0	134.0	132.8	138.4	139.1	130.9	126.5	138.2	55.12	55.22	112.8
353.0	135.5	134.4	141.1	141.0	132.1	128.2	139.7	55.20	55.30	106.9
365.0	135.6	134.6	141.1	141.1	130.2	128.3	140.2	55.60	55.70	105.4
377.0	133.5	131.0	139.2	139.0	126.1	126.0	137.9	56.25	56.35	102.9
389.0	131.3	127.9	136.9	136.5	122.6	123.5	135.0	56.64	56.74	104.9
401.0	133.8	128.2	138.7	138.8	124.9	125.4	136.9	56.85	56.95	110.2

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	STK 03 (145)	STK 04 (146)	STK 05 (147)	STK 06 (148)	STK 07 (149)	STK 08 (150)	STK 09 (151)	QR1STK (152)	QR2STK (153)	#9 005 (154)
414.0	146.1	144.4	151.3	152.6	141.7	134.8	149.1	57.14	57.24	106.4
426.0	159.7	158.4	164.2	166.4	150.8	143.7	161.9	57.36	57.36	108.6
438.0	165.6	161.6	169.7	171.8	158.0	147.7	166.8	57.48	57.56	107.3
450.0	172.1	166.0	175.0	177.7	162.3	152.9	172.3	57.90	58.00	110.9
462.0	170.0	162.9	172.4	174.8	157.3	152.5	170.6	58.24	58.42	113.1
474.0	170.2	161.1	171.9	174.5	157.1	153.1	170.2	58.62	58.82	119.6
486.0	167.6	155.8	169.3	171.4	150.9	152.8	167.6	58.70	58.80	113.9
499.0	163.5	150.5	166.0	167.3	147.5	150.8	164.1	58.94	59.04	116.0
511.0	158.3	144.2	160.7	161.7	140.1	146.9	159.0	59.40	59.57	115.3
523.0	153.5	138.7	156.8	157.1	135.6	144.1	154.7	59.74	59.94	109.9
535.0	151.0	135.5	155.1	154.8	132.2	142.7	152.7	60.04	60.24	115.3
547.0	148.2	132.8	152.5	152.1	129.5	140.1	150.1	60.42	60.54	115.6
559.0	146.4	130.3	150.4	150.4	126.5	139.1	148.7	61.05	61.15	120.3
571.0	145.2	128.2	149.5	149.3	127.5	138.1	147.5	61.52	61.62	119.8
583.0	143.1	126.5	147.5	147.3	124.5	136.7	145.8	61.82	61.85	119.1
596.0	142.3	125.9	146.0	146.0	123.3	135.6	144.4	62.14	62.22	121.0
608.0	141.3	124.5	145.2	145.4	122.2	135.2	143.9	62.68	62.77	125.7
620.0	140.2	123.7	144.3	144.3	120.9	134.2	142.9	63.12	63.22	126.9
632.0	140.4	123.4	144.4	144.2	122.1	133.9	142.7	63.44	63.46	129.5
644.0	138.6	123.1	142.6	142.4	119.8	132.6	141.2	64.05	64.13	129.2
656.0	139.0	122.4	142.4	142.4	121.4	132.2	140.9	64.75	64.85	134.9
668.0	137.7	121.0	141.2	141.1	119.0	131.3	140.0	65.38	65.48	129.0
680.0	136.2	119.5	140.0	140.1	117.2	130.5	139.0	65.98	66.07	131.6
692.0	134.0	118.4	137.9	137.9	115.1	128.6	136.9	66.50	66.52	137.0
704.0	132.3	116.0	136.2	136.1	113.9	127.2	135.3	66.44	66.44	134.8
716.0	130.8	114.3	134.0	134.5	111.8	126.0	133.8	66.69	66.69	131.3
729.0	128.1	111.0	131.6	131.5	109.0	123.8	131.1	66.88	66.88	133.9
741.0	126.5	108.8	129.9	129.8	107.9	122.4	129.3	67.06	67.06	134.3
753.0	124.8	106.5	128.0	128.0	105.0	120.8	127.7	67.65	67.65	137.3
765.0	122.6	105.1	126.0	126.1	103.8	118.9	125.8	67.64	67.56	139.3
777.0	121.6	104.0	124.9	124.8	103.8	117.7	124.5	67.52	67.58	132.5
789.0	120.1	102.3	123.1	123.1	102.3	116.3	122.9	67.58	67.68	133.6
801.0	118.1	100.6	121.0	121.2	99.90	114.6	121.1	67.52	67.62	137.9
813.0	116.8	100.5	119.7	120.0	99.60	113.4	119.8	67.72	67.89	141.0
826.0	115.7	98.80	118.5	118.7	97.10	112.3	118.5	67.88	68.00	133.7
838.0	114.0	97.30	116.9	117.1	96.90	110.8	117.0	67.90	67.84	130.9
850.0	112.8	96.20	115.5	115.7	95.70	109.6	115.5	67.82	67.88	138.2
862.0	111.1	94.60	113.8	114.0	93.90	108.0	113.9	67.64	67.74	134.6
874.0	109.3	92.90	112.2	112.2	92.10	106.5	112.2	67.92	68.02	130.4
886.0	108.1	91.90	110.8	110.9	90.70	105.3	111.1	67.52	67.70	136.1
898.0	106.7	91.40	109.3	109.5	89.90	104.2	109.6	67.64	67.68	133.8
910.0	106.1	90.30	108.6	108.7	89.10	103.4	108.9	67.70	67.77	137.8
923.0	104.5	89.50	106.9	107.2	87.70	101.9	107.3	67.62	67.72	133.1
935.0	103.5	87.70	105.9	106.1	86.20	101.0	106.3	67.44	67.54	135.0
947.0	101.8	86.60	104.2	104.5	86.30	99.40	104.5	67.72	67.90	134.3
959.0	101.4	87.10	103.7	103.9	85.50	99.00	104.1	67.88	68.00	138.1
971.0	100.4	86.10	102.4	102.7	84.40	97.70	102.9	68.05	68.07	137.0
984.0	98.80	84.10	100.7	101.2	83.20	96.30	101.4	68.18	68.26	133.7
996.0	97.30	82.50	99.10	99.60	81.40	94.90	99.80	68.20	68.30	137.2
1008.	95.90	81.60	97.80	98.20	80.40	93.70	98.40	68.28	68.38	130.2

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	STK 03 (145)	STK 04 (146)	STK 05 (147)	STK 06 (148)	STK 07 (149)	STK 08 (150)	STK 09 (151)	QR1STK (152)	QR2STK (153)	#9 [illegible] (154)
1020.	94.40	80.20	96.20	96.60	79.10	92.40	96.90	68.46	[illegible]	133.[illegible]
1032.	93.80	79.50	95.40	95.90	79.10	91.60	96.20	68.50	[illegible]	141.[illegible]
1044.	93.00	78.80	94.60	95.10	78.40	90.70	95.40	68.72	[illegible]	137.5
1057.	91.80	77.90	93.40	93.90	77.40	89.70	94.20	68.88	[illegible]	138.[illegible]
1069.	91.20	77.90	92.80	93.40	77.00	89.10	93.70	69.06	[illegible]	140.1
1081.	90.70	76.90	92.10	92.60	76.40	88.40	93.00	69.26	[illegible]	138.6
1093.	88.90	75.00	90.10	90.80	74.80	86.70	91.10	69.30	[illegible]	136.2
1105.	85.90	71.90	87.20	87.90	71.80	84.20	88.20	69.30	[illegible]	137.6
1118.	83.80	70.30	85.30	85.80	70.20	82.40	86.30	69.14	[illegible]	140.6
1130.	82.10	68.30	83.40	84.00	68.10	80.90	84.50	68.94	[illegible]	139.2
1142.	80.00	65.90	81.30	81.90	66.10	79.00	82.40	68.74	[illegible]	141.1
1154.	78.30	64.80	79.80	80.20	65.20	77.50	80.90	68.46	68.56	135.6
1166.	76.80	63.80	78.40	78.80	63.90	76.20	79.50	68.18	68.28	134.0
1179.	75.30	62.40	76.70	77.10	62.70	74.60	77.80	67.63	67.73	136.3
1191.	74.00	61.30	75.30	75.80	61.60	73.40	76.60	67.34	67.44	139.0
1203.	72.60	60.40	74.00	74.50	60.10	72.10	75.20	67.14	67.32	138.9
1215.	71.30	59.30	72.50	73.20	59.30	70.90	73.90	66.88	66.93	128.1
1228.	69.70	57.50	71.00	71.50	57.90	69.60	72.50	66.32	66.48	134.2
1240.	69.00	56.80	69.90	70.70	57.30	68.70	71.40	65.96	66.08	139.8
1252.	68.00	56.20	69.00	69.70	56.50	67.60	70.40	65.82	66.00	138.2
1264.	67.00	55.60	67.80	68.70	55.70	66.50	69.30	65.09	65.13	129.9
1276.	66.00	54.50	66.70	67.40	55.20	65.60	68.10	64.53	64.68	130.1
1289.	64.90	53.60	65.50	66.40	53.80	64.40	67.10	64.24	64.44	127.2
1301.	63.80	52.90	64.40	65.20	53.00	63.30	65.90	63.73	63.85	127.4
1313.	62.70	52.20	63.30	64.30	52.50	62.50	64.90	63.52	63.70	126.3
1325.	62.00	51.70	62.60	63.40	52.00	61.70	64.10	63.58	63.70	130.7
1337.	61.40	51.00	61.70	62.60	51.30	61.00	63.30	62.97	63.15	128.2
1349.	60.70	50.50	61.10	61.80	50.60	60.30	62.50	62.58	62.78	127.6
1362.	60.00	50.00	60.30	61.10	50.40	59.50	61.90	62.18	62.38	126.4
1374.	59.10	49.30	59.30	60.20	49.70	58.70	60.90	62.18	62.22	127.3
1386.	58.30	48.70	58.50	59.30	49.20	57.90	60.10	61.80	61.96	129.0
1398.	57.70	48.20	57.70	58.60	48.40	57.10	59.30	61.54	61.66	132.1
1410.	57.00	47.80	56.90	57.70	48.10	56.40	58.50	61.10	61.28	125.6
1422.	56.40	47.30	56.30	57.10	47.50	55.80	57.90			124.5
MINIMUM:	20.40	20.90	20.20	20.20	20.70	20.50	20.20	20.80	20.45	21.60
AT SCAN:	5	5	5	5	5	17	6	13	5	13
MAXIMUM:	172.1	166.0	175.0	177.7	162.3	153.1	172.3	69.30	69.45	141.7
AT SCAN:	54	54	54	54	54	56	54	107	108	102
AVERAGE:	90.82	83.03	92.53	93.33	81.90	86.76	92.47	53.53	53.60	100.5

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#9 015 (155)	#9 030 (156)	#9 061 (157)	#9 091 (158)	#9 122 (159)	#9 152 (160)	#9 183 (161)	#9 196 (162)	AMBIENT (163)	SORMCO (164)
-193.0	21.60	21.80	21.80	21.90	21.80	21.90	22.30	22.60	20.00	23.50
-181.0	21.60	21.80	21.80	21.90	21.90	22.00	22.30	22.70	20.00	23.40
-169.0	21.60	21.90	21.80	21.90	21.80	22.00	22.20	22.50	20.00	23.50
-157.0	21.50	21.80	21.70	21.90	21.80	22.00	22.30	22.60	20.00	23.40
-145.0	21.50	21.70	21.80	21.90	21.80	21.90	22.20	22.40	20.00	23.40
-133.0	21.30	21.70	21.70	21.90	21.70	20.80	21.10	21.70	19.90	22.80
-121.0	21.50	21.80	21.80	21.90	21.80	21.90	22.10	22.30	20.00	23.50
-109.0	21.50	21.80	21.80	21.90	21.70	21.80	22.10	22.30	20.00	23.40
-97.00	21.50	21.80	21.80	21.80	21.80	21.80	22.20	22.40	20.10	23.40
-85.00	21.50	21.70	21.70	21.90	21.70	21.80	22.20	22.50	20.20	23.40
-73.00	21.50	21.70	21.80	21.90	21.70	21.90	22.30	22.50	20.20	23.40
-60.00	21.50	21.80	21.70	21.80	21.70	21.90	22.30	22.60	20.20	23.40
-48.00	21.40	21.60	21.60	21.80	21.70	21.90	22.40	22.60	20.20	23.40
-36.00	21.50	21.60	21.70	21.80	21.70	21.80	22.20	22.50	20.10	23.40
-24.00	21.50	21.70	21.70	21.80	21.70	21.90	22.30	22.80	20.10	23.40
-12.00	21.50	21.60	21.70	21.90	21.70	21.90	22.30	22.60	20.00	23.40
0.0000	21.50	21.70	21.70	21.80	21.70	21.80	22.50	22.70	20.00	23.40
12.00	22.00	21.70	21.70	21.80	21.70	21.90	22.50	22.80	20.00	23.40
24.00	22.50	22.00	21.80	22.00	22.00	22.40	22.90	23.00	20.00	23.40
36.00	22.70	22.50	22.40	25.20	27.30	29.10	31.50	31.80	20.00	23.40
49.00	22.90	23.90	25.10	29.50	34.20	36.40	39.70	40.50	20.10	23.40
61.00	23.10	26.90	33.00	41.90	49.20	53.80	57.80	59.70	20.10	23.40
73.00	24.60	33.40	45.90	60.50	78.70	88.10	98.70	101.8	20.00	23.40
85.00	26.20	36.00	55.60	93.50	126.2	140.5	152.4	158.5	20.00	23.40
97.00	29.40	41.90	67.60	122.3	147.7	153.6	161.4	163.3	20.00	23.40
109.0	38.60	54.90	88.40	116.9	138.2	149.4	159.9	162.9	20.00	23.40
121.0	39.60	57.20	116.2	153.1	182.8	193.3	198.8	200.6	20.10	23.40
134.0	42.90	71.00	128.4	159.2	184.2	193.4	201.6	202.0	20.20	23.50
146.0	45.20	69.40	133.6	192.4	223.9	233.6	245.5	249.5	20.10	23.80
158.0	53.90	95.70	189.7	235.4	262.9	268.4	274.4	272.4	20.10	24.20
170.0	60.10	121.2	200.3	241.0	272.1	284.2	287.0	286.9	20.10	25.30
182.0	72.50	118.1	199.7	250.6	279.2	283.7	283.4	283.8	20.40	26.70
194.0	79.10	163.3	225.6	255.6	278.1	283.4	290.8	287.6	20.30	28.20
207.0	84.60	160.1	229.8	268.0	294.0	298.1	298.9	298.6	20.30	30.40
219.0	90.50	143.2	234.8	270.4	294.9	301.7	300.2	296.8	20.10	33.60
231.0	95.00	168.5	243.7	276.2	304.9	312.0	309.1	310.7	20.20	36.70
243.0	104.4	174.5	261.5	290.5	310.4	314.3	317.6	314.6	20.10	38.80
255.0	102.1	166.8	251.5	286.1	310.2	316.7	324.0	323.7	20.30	41.40
267.0	110.6	174.6	248.4	283.1	314.9	319.9	320.9	323.9	20.30	44.80
280.0	110.3	187.9	248.0	278.1	316.3	321.3	324.3	325.1	20.20	46.30
292.0	114.4	183.5	253.9	291.8	322.5	335.0	333.7	330.6	20.20	49.10
304.0	122.1	185.5	253.5	284.2	305.1	315.3	320.0	321.5	20.30	49.70
316.0	120.0	197.3	248.9	291.4	320.0	331.4	331.1	328.3	20.40	51.60
328.0	119.7	190.5	263.3	306.0	332.8	326.8	324.9	326.7	20.40	52.60
341.0	135.3	207.1	256.4	311.4	335.4	333.2	330.1	326.6	20.30	46.60
353.0	122.5	205.5	266.8	304.4	325.5	326.3	326.9	327.2	20.40	47.80
365.0	134.2	209.6	261.3	296.6	322.9	335.2	334.6	333.2	20.60	49.80
377.0	126.9	189.8	251.5	296.3	329.1	329.6	331.3	328.9	20.40	51.00
389.0	129.9	194.3	266.2	304.2	330.3	335.9	335.1	332.8	20.40	51.30
401.0	124.3	188.9	267.5	298.7	320.4	325.0	326.7	328.1	20.50	52.30

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#9 015 (155)	#9 030 (156)	#9 061 (157)	#9 091 (158)	#9 122 (159)	#9 152 (160)	#9 183 (161)	#9 196 (162)	AMTEMP (163)	SORMLC (164)
414.0	125.1	188.9	260.6	301.9	335.5	336.1	336.1	336.6	20.40	53.00
426.0	128.8	191.7	263.9	283.7	325.1	333.2	336.0	336.5	20.30	53.50
438.0	127.8	182.5	270.1	299.1	323.0	333.3	338.5	337.7	20.80	54.30
450.0	133.1	192.1	258.7	301.2	327.2	333.7	340.3	340.7	20.60	55.40
462.0	135.3	196.3	255.5	285.5	328.6	336.8	339.1	339.2	20.50	55.60
474.0	141.5	205.1	261.0	314.2	344.6	344.4	346.4	348.5	20.50	56.10
486.0	139.3	199.3	270.4	304.2	335.4	337.4	337.0	337.8	20.50	56.10
499.0	139.6	201.1	266.0	307.1	338.5	340.7	345.0	345.6	20.50	57.40
511.0	138.5	196.6	261.4	306.4	338.8	341.8	346.3	344.8	20.50	57.80
523.0	133.6	186.4	271.4	314.9	345.2	350.4	355.6	353.3	20.60	58.10
535.0	138.5	191.6	270.8	326.7	353.3	354.4	359.1	355.7	20.60	58.90
547.0	141.7	197.5	270.8	321.4	350.8	357.3	360.5	364.3	20.60	59.60
559.0	147.9	201.0	264.6	321.9	354.2	358.2	363.1	364.2	20.70	59.80
571.0	147.4	215.0	272.2	318.0	352.1	358.6	366.1	366.5	20.70	60.00
583.0	143.9	222.4	296.3	334.3	365.3	371.7	375.4	377.3	20.70	60.60
596.0	149.0	214.7	287.3	350.5	371.7	374.8	378.4	377.3	20.70	61.00
608.0	151.2	207.2	275.7	328.1	360.0	375.6	379.2	385.9	20.70	61.00
620.0	153.9	211.2	290.7	328.0	373.1	380.4	379.6	381.3	20.70	61.50
632.0	148.2	206.6	293.7	331.9	364.4	372.5	377.5	381.3	20.80	60.80
644.0	155.5	221.5	301.3	339.9	369.2	377.9	382.8	380.2	20.80	61.70
656.0	162.8	237.7	315.9	343.2	380.3	383.4	385.0	383.9	20.80	62.50
668.0	153.8	220.2	303.6	342.7	376.0	382.1	389.1	392.1	20.90	61.40
680.0	160.1	241.5	313.3	337.3	370.3	381.6	387.5	385.0	20.90	63.10
692.0	160.2	233.7	295.6	339.0	373.2	382.4	379.6	377.6	20.90	62.80
704.0	154.8	219.1	299.5	333.5	365.4	374.1	377.0	377.0	21.00	62.40
716.0	159.3	222.5	289.0	330.2	359.3	369.7	374.2	374.4	21.00	62.40
729.0	160.3	219.5	272.3	328.2	360.6	362.9	365.3	369.5	21.00	63.70
741.0	155.8	227.4	286.1	321.5	354.5	360.5	362.3	363.3	21.00	61.90
753.0	159.6	221.9	294.5	326.5	350.0	356.6	357.9	356.3	21.00	63.00
765.0	161.5	211.2	287.5	323.8	346.4	352.2	354.9	355.5	21.00	62.80
777.0	155.6	219.8	286.5	315.9	348.8	352.4	351.7	352.6	20.90	62.80
789.0	159.1	226.6	282.5	319.6	345.1	352.8	354.0	352.5	20.80	60.60
801.0	160.2	227.4	287.2	317.9	341.6	349.4	348.8	350.2	20.90	63.80
813.0	159.3	229.6	277.2	311.3	342.1	349.6	348.0	347.0	20.90	60.80
826.0	157.9	212.9	271.7	306.3	331.4	338.6	342.5	345.8	21.00	61.50
838.0	156.6	213.0	276.6	308.6	334.4	339.9	345.3	346.0	20.60	61.20
850.0	161.0	220.1	270.0	312.0	342.7	344.7	345.6	345.6	20.80	61.70
862.0	156.8	211.3	265.3	316.5	338.9	344.0	342.9	344.8	20.80	61.80
874.0	156.5	222.8	274.7	303.6	336.6	340.8	342.5	340.4	20.90	62.30
886.0	160.8	219.4	263.8	308.6	337.1	340.5	341.1	336.8	20.90	62.70
898.0	161.1	209.2	277.1	304.6	328.2	332.3	337.5	338.4	20.80	57.10
910.0	157.2	207.2	256.5	296.5	327.3	334.4	337.7	337.9	21.00	59.00
923.0	152.6	213.6	253.5	293.2	330.3	334.9	339.7	341.4	21.10	60.10
935.0	155.6	218.4	266.2	295.4	320.6	330.6	339.3	343.7	21.00	63.20
947.0	156.6	205.9	271.0	301.4	326.2	337.3	340.8	344.4	20.90	60.00
959.0	163.3	217.3	270.6	305.6	332.9	341.8	346.6	344.1	20.90	61.80
971.0	159.9	215.8	274.6	305.7	337.1	344.7	350.0	350.5	20.90	60.30
984.0	152.6	221.3	262.7	293.7	327.9	342.5	346.8	351.4	21.00	58.90
996.0	160.4	223.9	279.9	307.3	337.4	344.8	350.1	350.0	21.10	58.60
1008.	152.4	206.8	271.2	305.7	340.8	349.2	350.6	349.9	21.20	63.40

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	#9 015 (155)	#9 030 (156)	#9 061 (157)	#9 091 (158)	#9 122 (159)	#9 152 (160)	#9 183 (161)	#9 196 (162)	AMTEMP (163)	SORMLC (164)
1020.	155.8	212.0	272.3	303.7	337.4	346.9	348.7	350.3	21.30	60.30
1032.	161.0	225.4	273.8	303.3	343.4	352.9	354.8	352.7	21.10	57.30
1044.	162.6	218.8	284.5	309.8	341.3	352.3	354.3	357.6	21.10	57.80
1057.	164.0	220.1	280.8	305.1	341.0	353.7	353.8	354.2	21.10	60.60
1069.	165.4	218.3	271.4	312.1	348.2	365.4	373.3	376.2	21.30	58.70
1081.	164.5	220.0	288.4	312.3	352.8	372.0	381.1	379.8	21.30	60.40
1093.	167.8	222.3	281.5	308.8	339.1	361.7	369.6	369.4	21.20	58.40
1105.	165.5	217.4	275.0	296.8	330.8	349.2	359.2	361.3	21.10	59.20
1118.	174.7	225.2	279.7	294.3	330.0	341.6	349.8	351.5	21.00	57.90
1130.	168.2	222.6	263.9	285.1	322.5	338.2	343.0	345.5	21.20	60.70
1142.	171.0	223.4	260.4	276.9	309.6	326.8	340.0	342.8	21.20	57.80
1154.	162.8	205.8	263.2	274.8	307.5	322.5	330.3	333.4	21.10	58.10
1166.	156.0	213.7	248.8	272.7	303.5	320.7	333.4	337.0	21.10	57.10
1179.	163.2	223.4	259.9	271.3	302.1	316.2	325.7	326.7	21.20	57.70
1191.	162.9	210.0	256.3	274.0	299.9	315.7	321.8	324.8	21.10	56.50
1203.	160.2	209.5	250.0	269.8	293.2	306.9	316.6	322.1	21.10	60.10
1215.	156.3	212.4	249.7	265.7	295.1	308.0	318.4	319.2	21.10	57.10
1228.	153.9	201.8	246.9	261.0	288.7	302.2	314.1	317.3	21.00	54.20
1240.	162.8	200.2	241.8	261.3	281.0	297.4	309.9	315.0	21.20	55.90
1252.	157.7	204.0	243.3	255.0	278.8	294.6	308.5	314.3	21.00	57.40
1264.	155.0	203.3	242.7	249.3	276.1	291.4	303.8	308.0	21.10	54.00
1276.	162.7	209.5	234.4	250.4	270.3	285.2	296.6	301.9	21.10	54.90
1289.	154.6	205.6	229.7	248.2	267.1	281.5	292.6	298.2	21.00	52.60
1301.	147.9	184.9	218.0	237.9	272.0	285.0	291.3	295.3	20.90	53.80
1313.	146.7	184.4	219.7	238.7	264.4	280.8	287.7	291.4	20.80	54.30
1325.	151.3	190.8	227.3	241.7	262.1	278.1	285.1	289.1	20.90	53.60
1337.	152.1	188.8	227.0	241.1	262.5	276.1	283.6	287.2	20.90	56.00
1349.	148.0	194.8	226.5	238.0	260.1	272.4	281.1	286.1	20.90	53.70
1362.	148.7	190.0	220.1	237.2	255.7	266.7	278.8	284.5	20.80	54.80
1374.	146.3	181.2	215.4	236.4	259.1	269.3	276.3	278.7	20.80	55.70
1386.	148.8	180.7	215.2	230.4	252.8	266.2	275.6	279.9	20.80	53.10
1398.	149.7	187.8	213.9	229.7	252.7	265.5	275.0	280.5	20.90	54.40
1410.	143.8	181.7	219.3	228.4	246.8	260.8	273.5	279.6	21.20	52.30
1422.	143.5	178.1	215.4	228.1	249.1	259.7	270.7	275.4	21.00	52.60
MINIMUM:	21.30	21.60	21.60	21.80	21.70	20.80	21.10	21.70	19.70	22.80
AT SCAN:	6	13	13	9	6	6	6	6	6	6
MAXIMUM:	174.7	241.5	315.9	350.5	380.3	383.4	389.1	392.1	21.30	63.80
AT SCAN:	109	73	71	66	71	71	72	72	101	83
AVERAGE:	118.3	164.7	212.9	240.0	264.1	271.5	275.7	276.8	20.62	48.40

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	NRMLC (165)	NRMLCD (166)	TCBRMC (167)	TCSOFF (168)	STKAVG (200)	VELAVG (201)	MFLOW (202)	HRRST1 (203)	HRRST2 (204)	HRRST3 (205)
-193.0	23.50	23.40	22.70	22.80	20.81	2.841	3.708	0.0000	0.0000	0.0000
-181.0	23.50	23.40	22.60	22.70	20.79	2.870	3.746	3.165	1.0000	5.079
-169.0	23.50	23.40	22.70	22.60	20.77	2.857	3.730	13.02	0.0000	13.42
-157.0	23.50	23.40	22.50	22.70	20.79	2.819	3.680	7.038	0.0000	8.909
-145.0	23.40	23.40	22.50	22.70	20.54	2.810	3.670	0.0000	0.0000	0.0000
-133.0	21.90	21.70	20.70	21.50	20.61	2.769	3.616	0.0000	0.0000	1.558
-121.0	23.40	23.40	22.50	22.50	20.71	2.828	3.692	6.955	0.0000	8.857
-109.0	23.40	23.40	22.40	22.60	20.69	2.853	3.726	2.947	0.0000	5.896
-97.00	23.50	23.40	22.60	22.60	20.70	2.863	3.739	10.35	0.0000	11.43
-85.00	23.40	23.40	22.60	22.40	20.69	2.864	3.740	13.05	0.0000	13.46
-73.00	23.40	23.40	23.00	22.50	20.67	2.851	3.723	1.831	0.0000	5.059
-60.00	23.50	23.40	22.70	22.50	20.69	2.809	3.668	14.07	1.798	14.14
-48.00	23.40	23.40	22.50	22.50	20.69	2.847	3.717	0.0000	0.0000	0.8070
-36.00	23.50	23.30	22.70	22.60	20.67	2.906	3.795	17.59	1.739	16.90
-24.00	23.40	23.40	26.40	22.50	20.63	2.866	3.743	11.61	0.0000	12.38
-12.00	23.40	23.40	26.10	23.90	20.64	2.869	3.746	9.964	1.170	11.16
0.0000	23.40	23.30	32.70	25.20	20.63	2.893	3.778	6.329	0.0000	8.475
12.00	23.40	23.30	47.50	31.10	20.63	2.904	3.793	0.0000	0.0000	0.0000
24.00	23.40	23.30	61.30	44.50	20.64	2.894	3.779	0.0000	0.0000	0.0000
36.00	23.40	23.30	81.80	59.90	20.67	2.960	3.866	7.304	0.0000	9.286
49.00	23.40	23.40	127.0	88.50	20.70	2.924	3.818	8.194	0.0000	9.908
61.00	23.40	23.30	208.2	147.4	20.79	2.980	3.890	1.385	0.0000	4.891
73.00	23.40	23.30	330.7	252.0	21.03	2.967	3.870	19.56	0.0000	18.44
85.00	23.40	23.30	446.0	353.5	21.41	2.940	3.829	23.44	0.0000	21.30
97.00	23.40	23.40	397.5	329.8	21.60	2.878	3.747	53.99	28.46	44.03
109.0	23.50	23.50	385.6	317.0	21.54	2.910	3.788	107.1	84.30	83.68
121.0	23.50	23.70	402.5	436.0	21.71	2.873	3.738	102.2	82.43	80.01
134.0	23.70	24.60	547.3	561.1	23.57	2.935	3.795	94.68	68.25	74.44
146.0	24.30	26.00	598.4	615.6	69.47	3.065	3.432	107.4	78.22	83.59
158.0	25.40	28.30	628.6	635.7	100.3	3.731	3.833	1027.	860.6	765.9
170.0	26.80	30.10	625.3	656.5	104.5	3.995	4.058	3380.	3152.	2476.
182.0	29.10	32.80	639.7	614.7	107.9	3.961	3.988	3286.	3120.	2408.
194.0	31.70	35.60	640.4	640.5	108.4	3.864	3.886	2581.	2441.	1899.
207.0	33.90	39.20	658.3	659.6	104.6	3.660	3.717	2090.	1971.	1543.
219.0	35.70	40.10	709.3	695.2	110.0	3.576	3.581	1748.	1649.	1293.
231.0	38.00	41.90	716.3	670.8	112.4	3.537	3.520	1567.	1469.	1161.
243.0	39.60	42.80	731.5	687.7	118.1	3.612	3.543	1726.	1616.	1276.
255.0	41.20	46.50	726.4	691.1	117.5	3.570	3.506	1654.	1538.	1224.
267.0	42.90	45.90	718.8	699.0	118.5	3.518	3.447	1678.	1570.	1241.
280.0	43.90	48.30	755.4	667.1	121.0	3.531	3.437	1532.	1429.	1135.
292.0	44.80	48.30	729.5	663.3	122.7	3.474	3.367	1477.	1381.	1094.
304.0	45.30	48.60	740.2	699.8	125.8	3.535	3.399	1505.	1408.	1115.
316.0	46.50	51.20	734.3	681.6	131.8	3.551	3.364	1564.	1459.	1157.
328.0	48.10	50.00	724.0	682.5	135.0	3.711	3.489	1722.	1603.	1274.
341.0	47.70	51.70	750.9	688.2	136.0	3.681	3.452	1828.	1713.	1350.
353.0	48.80	51.90	746.8	691.7	137.4	3.642	3.403	1742.	1641.	1287.
365.0	42.10	51.20	757.1	692.1	136.7	3.576	3.347	1678.	1576.	1241.
377.0	42.50	52.40	750.6	685.5	133.9	3.515	3.313	1673.	1573.	1237.
389.0	42.40	51.40	735.2	651.3	130.5	3.448	3.277	1556.	1466.	1151.
401.0	43.90	51.70	806.2	646.8	132.5	3.430	3.245	1328.	1251.	984.6

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	NRMLC (165)	NRMLCD (166)	TCBRMC (167)	TCSOFF (168)	STKAVG (200)	VELAVG (201)	MFLOW (202)	HRRST1 (203)	HRRST1 (204)	HRRST2 (205)
414.0	44.00	52.70	792.5	680.6	145.5	3.493	3.201	1341.	[illegible]	994.4
426.0	44.60	53.50	802.7	694.3	158.7	3.750	3.331	1575.	[illegible]	1165.
438.0	45.30	54.20	794.8	668.7	163.6	3.958	3.477	2358.	[illegible]	1734.
450.0	45.80	54.50	789.7	682.4	169.2	3.966	3.440	2561.	[illegible]	1880.
462.0	46.40	54.00	797.8	684.6	166.7	3.872	3.378	2490.	[illegible]	1829.
474.0	46.80	55.10	771.2	673.5	166.3	3.684	3.217	2253.	[illegible]	1656.
486.0	47.50	55.20	752.6	665.7	163.1	3.584	3.152	2055.	1932.	1513.
499.0	48.40	56.10	775.2	690.0	159.2	3.594	3.189	1898.	1784.	1400.
511.0	48.40	54.20	781.3	713.7	153.4	3.478	3.128	1676.	1569.	1238.
523.0	49.20	55.60	794.8	721.0	148.8	3.444	3.131	1606.	1510.	1187.
535.0	49.20	56.20	811.8	722.0	146.5	3.421	3.128	1514.	1422.	1120.
547.0	49.70	55.20	818.5	724.4	143.7	3.431	3.158	1426.	1335.	1056.
559.0	49.50	56.20	810.7	728.4	141.8	3.435	3.176	1489.	1397.	1102.
571.0	50.40	55.70	809.9	725.1	141.0	3.394	3.145	1448.	1360.	1072.
583.0	50.50	56.40	785.5	715.1	138.8	3.427	3.191	1459.	1371.	1080.
596.0	51.10	55.30	788.9	719.0	137.7	3.524	3.291	1490.	1401.	1103.
608.0	51.00	56.40	786.4	729.5	136.9	3.438	3.217	1475.	1383.	1092.
620.0	52.00	54.90	797.5	736.0	135.8	3.493	3.278	1492.	1397.	1104.
632.0	52.10	55.00	825.4	729.8	136.2	3.428	3.213	1463.	1373.	1083.
644.0	52.50	56.30	801.6	709.2	134.2	3.422	3.223	1492.	1404.	1105.
656.0	52.90	55.10	842.2	726.6	134.5	3.396	3.196	1471.	1385.	1089.
668.0	53.10	55.80	844.1	728.6	133.2	3.568	3.369	1513.	1419.	1120.
680.0	53.20	56.30	811.1	705.3	131.8	3.497	3.313	1546.	1454.	1144.
692.0	53.40	55.20	803.2	666.5	129.6	3.505	3.339	1508.	1418.	1117.
704.0	54.00	56.10	761.8	667.0	128.0	3.455	3.304	1484.	1401.	1099.
716.0	54.30	56.00	768.0	665.5	126.5	3.459	3.321	1427.	1342.	1057.
729.0	54.40	56.10	768.5	647.0	123.6	3.445	3.331	1418.	1327.	1051.
741.0	54.90	57.60	718.3	641.2	122.1	3.482	3.380	1447.	1350.	1073.
753.0	54.60	55.70	729.2	634.8	120.3	3.444	3.359	1395.	1298.	1034.
765.0	55.60	56.40	708.6	622.3	118.3	3.405	3.337	1385.	1294.	1027.
777.0	55.40	56.40	689.3	615.5	117.3	3.447	3.387	1338.	1252.	992.6
789.0	56.00	57.20	680.3	599.7	115.8	3.427	3.381	1366.	1282.	1013.
801.0	55.80	58.20	678.7	595.1	113.7	3.438	3.410	1367.	1283.	1014.
813.0	55.90	56.80	684.0	601.4	112.5	3.247	3.231	1246.	1170.	924.7
826.0	55.20	57.30	695.0	618.1	111.3	3.266	3.259	1230.	1154.	913.4
838.0	55.90	57.40	688.3	605.1	109.9	3.245	3.250	1199.	1129.	890.5
850.0	56.10	58.30	693.6	599.2	108.5	3.293	3.311	1199.	1129.	890.7
862.0	56.50	58.10	704.1	610.2	106.8	3.327	3.359	1180.	1106.	876.6
874.0	56.50	57.80	703.9	612.9	105.1	3.369	3.417	1145.	1070.	851.4
886.0	56.40	57.40	697.3	605.4	103.9	3.272	3.330	1108.	1042.	824.1
898.0	56.90	56.80	728.3	609.6	102.7	3.299	3.368	1054.	989.8	784.4
910.0	56.70	56.70	696.0	583.8	102.1	3.295	3.369	1046.	977.7	778.2
923.0	56.50	57.80	679.1	614.2	100.5	3.311	3.400	1081.	1008.	804.4
935.0	56.70	57.40	673.7	616.2	99.50	3.337	3.436	1076.	1007.	800.9
947.0	56.60	56.50	676.6	611.1	97.99	3.222	3.331	1002.	937.9	746.3
959.0	56.50	56.80	659.5	611.3	97.50	3.280	3.395	983.7	922.9	732.7
971.0	56.50	56.50	645.5	601.0	96.30	3.295	3.422	1000.	939.3	744.9
984.0	56.80	56.10	652.1	607.4	94.94	3.242	3.379	971.1	904.4	723.3
996.0	56.70	56.80	645.0	592.6	93.29	3.233	3.385	995.7	930.4	741.5
1008.	56.50	57.40	646.9	578.1	92.09	3.266	3.431	964.5	902.4	718.7

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	NRMLC (165)	NRMLCD (166)	TCBRMC (167)	TCSOFF (168)	STKAVG (200)	VELAVG (201)	MFLOW (202)	HRRST1 (203)	HRRST2 (204)	HRRST3 (205)
1020.	56.80	57.20	642.4	578.0	90.57	3.318	3.500	964.8	[illegible]	[illegible]
1032.	56.30	56.00	698.2	627.1	90.07	3.255	3.439	941.5	[illegible]	[illegible]
1044.	56.50	56.20	676.9	639.4	89.26	3.205	3.394	896.9	[illegible]	[illegible]
1057.	56.40	57.20	690.6	674.6	88.04	3.180	3.378	933.6	[illegible]	[illegible]
1069.	56.50	56.50	775.2	710.1	87.66	3.234	3.439	964.8	[illegible]	[illegible]
1081.	56.00	55.60	695.6	717.2	87.10	3.232	3.442	914.9	[illegible]	[illegible]
1093.	56.40	56.90	645.1	629.3	85.27	3.240	3.468	1022.	[illegible]	[illegible]
1105.	56.40	56.70	617.7	619.5	82.23	3.250	3.509	1049.	[illegible]	[illegible]
1118.	56.60	57.30	604.5	598.4	80.29	3.081	3.345	866.4	[illegible]	[illegible]
1130.	55.80	57.50	587.7	589.3	78.51	3.149	3.436	796.8	[illegible]	[illegible]
1142.	55.90	57.40	577.0	591.8	76.43	3.154	3.462	758.7	[illegible]	[illegible]
1154.	56.10	57.20	564.7	570.5	74.94	3.134	3.455	722.6	[illegible]	[illegible]
1166.	56.10	58.60	541.5	572.0	73.57	3.088	3.417	687.5	[illegible]	[illegible]
1179.	55.80	57.40	537.4	550.9	71.97	3.152	3.504	688.0	[illegible]	[illegible]
1191.	55.60	57.00	525.1	539.3	70.74	3.041	3.392	651.3	[illegible]	[illegible]
1203.	55.80	56.60	515.0	539.4	69.43	3.092	3.463	612.4	[illegible]	[illegible]
1215.	55.60	56.80	510.8	527.9	68.31	3.136	3.524	617.3	[illegible]	[illegible]
1228.	55.50	56.40	502.6	512.9	66.77	3.192	3.603	612.1	[illegible]	[illegible]
1240.	55.10	56.20	497.6	506.6	66.00	3.096	3.503	593.6	[illegible]	[illegible]
1252.	55.20	56.10	488.5	501.2	65.07	3.119	3.538	559.4	[illegible]	[illegible]
1264.	54.60	55.80	473.6	474.0	64.09	2.963	3.371	540.6	507.4	405.4
1276.	54.60	55.70	464.3	470.7	63.13	3.014	3.439	551.1	514.7	413.4
1289.	54.70	55.20	453.9	465.3	62.04	3.049	3.490	513.5	481.0	385.6
1301.	54.10	55.00	449.7	450.6	60.99	3.136	3.601	522.4	489.2	392.3
1313.	54.00	54.90	443.5	438.9	60.13	3.021	3.478	493.0	460.9	370.4
1325.	53.80	54.50	437.6	436.4	59.44	3.025	3.490	469.4	434.2	352.9
1337.	53.90	54.40	431.7	416.3	58.76	2.947	3.407	445.9	412.9	335.3
1349.	53.40	53.90	420.8	416.4	58.04	2.951	3.418	451.2	421.2	339.2
1362.	53.20	53.80	413.5	410.5	57.46	2.991	3.471	459.1	429.5	345.2
1374.	53.00	53.30	411.3	407.9	56.57	3.024	3.519	480.9	451.7	361.5
1386.	52.50	53.50	407.9	396.8	55.86	3.144	3.666	460.6	429.4	346.5
1398.	52.80	53.30	403.3	392.1	55.20	3.040	3.553	434.2	408.2	326.9
1410.	52.30	53.00	397.5	390.6	54.51	3.084	3.611	416.9	390.7	314.1
1422.	52.10	53.00	394.2	383.2	53.91	2.994	3.512	395.9	368.5	298.3
MINIMUM:	21.90	21.70	20.70	21.50	20.54	2.769	3.128	0.0000	0.0000	0.0000
AT SCAN:	6	6	6	6	5	6	59	1	1	1
MAXIMUM:	56.90	58.60	844.1	736.0	169.2	3.995	4.058	3380.	3152.	2476.
AT SCAN:	91	113	72	68	54	31	31	31	31	31
AVERAGE:	45.00	47.19	553.9	510.3	88.95	3.265	3.479	993.9	929.6	737.3

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	HRRST2 (206)	RWL (207)	HGTUHW (208)	HI UHW (209)	LO UHW (210)	HGTNRC (211)	HI NRC (212)	LO NRC (213)	HGTSPC (214)	HI SPC (215)
-193.0	0.0000	0.0000	0.5583	23.04	22.36	0.6700	23.16	22.82	[illegible]	23.66
-181.0	0.0000	0.4819E-04	0.5583	23.05	22.36	0.4085	23.14	22.75	[illegible]	23.66
-169.0	1.842	0.1256E-01	0.4007	23.03	22.32	0.6700	23.18	22.82	[illegible]	23.64
-157.0	0.0000	0.1883E-01	0.4162	23.01	22.29	0.4085	23.14	22.75	[illegible]	23.63
-145.0	0.0000	0.1884E-01	0.4162	23.01	22.29	0.4085	23.13	22.75	[illegible]	23.66
-133.0	0.0000	-.7417E-07	2.293	20.63	17.61	2.235	19.03	16.79	[illegible]	12.90
-121.0	6.099	-.1885E-01	1.250	21.84	20.86	0.1018	23.03	20.94	[illegible]	23.65
-109.0	0.0000	-.1884E-01	0.3672	22.97	22.21	0.6700	23.16	22.88	[illegible]	23.63
-97.00	4.883	-.1255E-01	0.4550	22.98	22.28	0.6700	23.16	22.83	[illegible]	23.65
-85.00	9.914	0.5418E-05	0.4937	23.00	22.25	0.6700	23.16	22.87	1.065	23.63
-73.00	5.292	-.1152E-04	0.5583	23.04	22.26	0.6700	23.16	22.87	1.065	23.63
-60.00	15.58	-.1718E-04	0.4008	22.96	22.22	0.4085	23.13	22.75	1.065	23.68
-48.00	0.0000	-.1365E-04	0.3620	22.96	22.14	0.4085	23.13	22.75	0.8600	23.61
-36.00	16.03	-.3717E-05	0.3736	22.99	22.15	0.2625	23.12	22.63	0.8450	23.59
-24.00	13.86	-.1213E-07	0.2850	22.95	22.14	0.2250	23.10	22.66	0.8450	23.59
-12.00	15.42	-.6065E-08	0.3672	22.96	22.21	0.2250	23.10	22.66	1.018	23.61
0.0000	7.457	0.0000	0.3620	22.96	22.14	0.2625	23.09	22.63	1.018	23.61
12.00	0.0000	0.6065E-08	0.3672	22.96	22.21	0.2250	23.09	22.66	1.065	23.63
24.00	0.0000	0.1183E-07	0.5054	23.01	22.25	0.2625	23.09	22.63	1.018	23.61
36.00	1.731	0.3007E-04	0.4137	23.12	22.31	0.2250	23.10	22.66	1.334	23.66
49.00	6.653	0.4497E-04	1.000	25.16	22.84	0.4085	23.13	22.75	1.334	23.66
61.00	3.087	0.4547E-04	0.6045	28.54	23.52	1.660	23.97	22.94	1.485	24.66
73.00	11.32	0.3681E-07	0.5520	37.13	24.83	1.838	27.17	23.11	1.458	28.60
85.00	12.55	0.3087E-04	0.6472	61.35	27.14	1.533	33.48	23.66	1.317	37.84
97.00	35.78	0.8305E-03	0.7349	88.65	27.58	0.9512	42.80	24.97	1.146	49.23
109.0	77.57	0.2003E-02	0.5932	98.47	31.16	0.7081	55.51	25.65	0.9054	58.99
121.0	75.98	0.2907E-02	0.5101	100.4	34.89	0.5268	64.62	26.50	0.7003	66.64
134.0	65.63	0.2544E-02	0.4271	114.1	31.32	0.4186	72.43	28.00	0.5675	74.61
146.0	71.65	0.1198E-02	0.4332	127.4	32.77	0.2977	77.87	29.26	0.4551	81.93
158.0	653.2	-.2493E-04	0.4133	148.0	36.88	0.2522	88.21	33.40	0.4115	93.84
170.0	2321.	-.5733E-03	0.3523	160.9	37.30	0.2406	99.27	39.26	0.3508	102.2
182.0	2297.	-.3418E-03	0.3443	168.1	39.48	0.2419	108.7	45.83	0.3187	109.9
194.0	1808.	-.1964E-03	0.3242	170.6	41.35	0.2092	114.3	49.21	0.3016	117.5
207.0	1465.	-.9873E-04	0.3419	180.4	45.92	0.2016	120.3	54.84	0.2804	121.7
219.0	1230.	-.4778E-04	0.3331	185.9	49.04	0.1814	123.0	57.13	0.2776	125.7
231.0	1098.	0.7691E-05	0.2991	194.6	50.20	0.1855	128.5	61.83	0.2830	131.6
243.0	1205.	-.4886E-03	0.2955	195.6	52.48	0.1700	133.0	63.07	0.2709	133.4
255.0	1148.	-.1370E-02	0.3018	202.2	53.85	0.1763	135.0	68.48	0.2633	138.0
267.0	1171.	-.2218E-02	0.2942	204.0	55.54	0.1784	138.1	71.36	0.2740	143.4
280.0	1068.	-.2264E-02	0.2830	207.0	59.48	0.1789	140.6	74.31	0.2728	145.7
292.0	1033.	-.1458E-02	0.2869	207.4	58.42	0.1650	142.2	76.30	0.2553	144.2
304.0	1052.	-.5651E-03	0.2847	212.3	60.68	0.1694	142.8	77.85	0.2445	146.2
316.0	1090.	0.1393E-06	0.2888	208.2	65.90	0.1763	145.0	79.24	0.2506	146.2
328.0	1196.	0.1423E-06	0.2814	215.8	62.98	0.1772	145.7	81.10	[illegible]	151.0
341.0	1275.	0.1476E-06	0.2848	215.1	67.63	0.1672	145.4	80.42	[illegible]	151.1
353.0	1222.	0.1554E-06	0.2904	216.5	66.55	0.1704	147.8	83.73	0.2624	151.4
365.0	1174.	0.1662E-06	0.2881	217.3	67.90	0.1905	148.1	86.01	0.2698	152.0
377.0	1172.	0.1717E-06	0.2890	216.3	66.46	0.1801	148.5	85.62	0.2588	153.5
389.0	1094.	0.1714E-06	0.2806	217.0	67.83	0.1906	149.2	87.47	0.2601	154.3
401.0	936.5	0.1739E-06	0.2862	219.2	67.49	0.1821	149.8	87.39	0.2598	154.8

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	HRRST2 (206)	RWL (207)	HGTUHW (208)	HI UHW (209)	LO UHW (210)	HGTNRC (211)	HI NRC (212)	LO NRC (213)	HGTSRC (214)	HI SRC (215)
414.0	939.3	0.1792E-06	0.2805	218.8	69.82	0.1887	151.5	88.60	0.2581	154.4
426.0	1088.	0.1875E-06	0.2819	223.6	70.12	0.1800	153.3	87.27	0.2544	157.7
438.0	1630.	0.1994E-06	0.2844	225.3	71.67	0.1580	153.4	87.78	0.2555	159.1
450.0	1783.	0.2049E-06	0.2816	223.1	71.75	0.1740	153.9	89.54	0.2545	158.5
462.0	1736.	0.2104E-06	0.2782	224.7	68.76	0.1652	155.3	88.05	0.2544	160.1
474.0	1576.	0.2088E-06	0.2837	227.7	73.30	0.1708	155.6	90.10	0.2534	160.1
486.0	1432.	0.2108E-06	0.2805	229.5	70.36	0.1901	156.9	92.98	0.2540	161.1
499.0	1324.	0.2160E-06	0.2785	224.4	69.30	0.1815	157.7	92.51	0.2531	162.3
511.0	1168.	0.2250E-06	0.2843	231.2	74.79	0.1798	157.8	92.74	0.2583	162.2
523.0	1125.	0.2381E-06	0.2775	231.9	75.47	0.1703	159.9	92.36	0.2494	164.7
535.0	1061.	0.2436E-06	0.2827	233.7	76.78	0.1699	161.5	93.82	0.2529	167.4
547.0	997.3	0.2491E-06	0.2926	240.0	84.22	0.1751	163.1	95.35	0.2605	167.5
559.0	1043.	0.2545E-06	0.2836	242.4	81.05	0.1707	165.6	95.11	0.2614	170.6
571.0	1016.	0.2516E-06	0.2814	244.7	81.94	0.1676	165.6	96.42	0.2540	172.4
583.0	1024.	0.2528E-06	0.2823	249.2	81.69	0.1673	166.6	96.86	0.2578	173.4
596.0	1047.	0.2581E-06	0.2739	251.0	79.65	0.1783	169.1	98.25	0.2558	175.9
608.0	1033.	0.2677E-06	0.2807	249.6	80.63	0.1654	170.8	96.88	0.2575	177.4
620.0	1043.	0.2823E-06	0.2848	252.9	81.07	0.1720	172.5	99.01	0.2554	179.1
632.0	1026.	0.2878E-06	0.2806	254.9	78.52	0.1664	174.3	99.61	0.2582	180.9
644.0	1048.	0.2932E-06	0.2800	258.5	80.34	0.1601	176.7	100.7	0.2585	182.9
656.0	1034.	0.2987E-06	0.2820	259.5	83.84	0.1637	178.4	100.7	0.2564	183.8
668.0	1060.	0.3041E-06	0.2845	262.2	81.55	0.1702	179.2	102.3	0.2507	186.0
680.0	1086.	0.3096E-06	0.2753	261.5	81.32	0.1707	181.8	103.4	0.2481	187.2
692.0	1060.	0.3151E-06	0.2765	260.8	80.86	0.1608	181.5	102.1	0.2502	187.1
704.0	1047.	0.3101E-06	0.2788	260.4	84.46	0.1460	181.2	100.4	0.2466	189.3
716.0	1004.	0.3104E-06	0.2802	258.3	83.89	0.1534	181.9	102.9	0.2420	187.6
729.0	992.6	0.3157E-06	0.2763	259.2	84.54	0.1660	182.1	102.8	0.2398	188.3
741.0	1010.	0.3262E-06	0.2777	257.4	85.28	0.1587	182.7	104.3	0.2374	187.0
753.0	971.7	0.3429E-06	0.2816	252.8	82.52	0.1599	182.1	103.6	0.2420	187.7
765.0	968.8	0.3483E-06	0.2735	249.6	79.47	0.1467	181.0	102.5	0.2394	187.0
777.0	938.5	0.3538E-06	0.2777	251.1	82.19	0.1474	180.3	102.9	0.2313	184.6
789.0	960.5	0.3592E-06	0.2779	250.8	81.72	0.1417	179.6	102.6	0.2311	184.6
801.0	961.1	0.3528E-06	0.2775	248.0	81.98	0.1413	178.6	102.4	0.2361	184.6
813.0	877.2	0.3524E-06	0.2725	246.4	80.78	0.1419	177.8	101.1	0.2352	184.9
826.0	865.9	0.3577E-06	0.2772	247.4	82.25	0.1453	177.4	102.8	0.2270	183.5
838.0	847.2	0.3693E-06	0.2809	245.4	82.05	0.1421	177.1	101.7	0.2282	182.4
850.0	847.9	0.3868E-06	0.2767	243.3	81.73	0.1476	176.0	102.9	0.2312	182.2
862.0	831.6	0.3923E-06	0.2760	242.4	81.32	0.1431	176.3	101.5	0.2290	182.1
874.0	805.0	0.3977E-06	0.2772	247.1	81.83	0.1410	175.6	99.97	0.2272	182.4
886.0	784.0	0.4032E-06	0.2784	242.5	80.42	0.1404	175.8	100.6	0.2313	182.1
898.0	746.0	0.3959E-06	0.2795	243.6	82.02	0.1433	174.4	101.0	0.2312	180.9
910.0	737.1	0.3945E-06	0.2738	243.9	81.78	0.1422	173.7	100.9	0.2376	180.9
923.0	759.8	0.3483E-01	0.2786	242.4	82.80	0.1413	173.8	99.74	0.2366	180.5
935.0	758.7	0.5273E-01	0.2772	241.6	82.28	0.1404	173.8	100.6	0.2317	179.4
947.0	707.7	0.7870E-01	0.2740	242.7	80.64	0.1382	175.0	99.22	0.2351	180.2
959.0	696.9	0.3526E-01	0.2753	244.5	83.33	0.1398	175.8	101.0	0.2281	180.1
971.0	709.2	-.1753E-01	0.2762	247.4	84.01	0.1371	175.7	99.12	0.2348	181.4
984.0	683.3	-.5304E-01	0.2750	246.3	83.75	0.1449	177.8	100.4	0.2337	181.8
996.0	702.4	-.7216E-01	0.2789	248.4	84.45	0.1462	177.9	101.6	0.2284	180.9
1008.	682.0	-.3653E-01	0.2729	249.4	85.53	0.1469	178.2	103.0	0.2326	182.7

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	HRRST2 (206)	RWL (207)	HGTUHW (208)	HI UHW (209)	LO UHW (210)	HGTNRC (211)	HI NRC (212)	LO NRC (213)	HGTSRC (214)	HI SRC (215)
1020.	686.0	-.2433E-01	0.2777	249.1	88.19	0.1463	178.9	102.5	[illegible]	182.6
1032.	670.6	0.6611E-06	0.2766	247.5	83.67	0.1422	179.5	103.4	[illegible]	183.7
1044.	636.8	0.6579E-06	0.2735	248.7	82.25	0.1431	179.6	103.2	[illegible]	184.3
1057.	665.1	0.6665E-06	0.2747	252.6	85.77	0.1421	179.6	103.7	[illegible]	185.0
1069.	688.7	0.6846E-06	0.2697	252.6	84.62	0.1403	180.7	103.1	[illegible]	187.7
1081.	653.5	0.7166E-06	0.2774	260.3	92.10	0.1424	181.7	103.0	[illegible]	187.1
1093.	723.0	0.6999E-06	0.2732	262.6	87.31	0.1492	185.3	105.4	0.2364	190.2
1105.	744.5	0.6966E-06	0.2773	255.3	89.23	0.1474	184.1	104.9	0.2303	190.9
1118.	619.8	0.7044E-06	0.2771	253.4	92.18	0.1466	183.6	105.0	0.2242	189.3
1130.	571.8	0.7236E-06	0.2714	251.2	86.92	0.1437	182.6	105.7	0.2223	188.7
1142.	539.6	0.7559E-06	0.2727	246.7	87.94	0.1488	181.6	106.2	0.2177	185.0
1154.	512.0	0.7400E-06	0.2751	243.5	86.56	0.1468	180.0	105.1	0.2161	184.1
1166.	484.8	0.7351E-06	0.2733	239.8	85.47	0.1471	178.9	105.7	0.2156	183.3
1179.	487.0	0.7435E-06	0.2742	237.8	84.03	0.1473	177.7	104.5	0.2166	181.6
1191.	466.4	0.7624E-06	0.2747	235.6	84.02	0.1416	177.1	103.9	0.2146	179.3
1203.	439.3	0.7707E-06	0.2731	234.1	85.51	0.1401	175.7	104.1	0.2131	178.8
1215.	438.4	0.3486E-01	0.2715	232.4	84.32	0.1461	174.1	103.6	0.2127	177.0
1228.	433.6	0.5208E-01	0.2712	231.0	83.26	0.1420	174.2	103.6	0.2157	176.6
1240.	425.5	0.7679E-01	0.2739	228.6	80.76	0.1450	172.8	104.2	0.2094	176.0
1252.	402.3	0.6754E-01	0.2767	225.2	84.83	0.1408	172.2	101.9	0.2091	174.7
1264.	390.2	0.5641E-01	0.2743	221.9	81.36	0.1396	170.3	102.1	0.2088	172.6
1276.	395.9	0.6225E-01	0.2689	222.6	79.89	0.1424	168.7	103.4	0.2106	172.4
1289.	371.1	0.4155E-01	0.2716	218.4	79.28	0.1403	168.0	102.1	0.2067	170.8
1301.	377.7	0.3376E-01	0.2717	218.7	80.30	0.1441	167.7	102.1	0.2096	168.7
1313.	356.2	0.7722E-02	0.2745	216.6	83.19	0.1436	165.7	101.0	0.2085	167.6
1325.	336.5	-.7818E-02	0.2717	215.1	80.40	0.1420	164.6	101.1	0.2063	167.6
1337.	320.3	-.3782E-01	0.2791	212.7	82.01	0.1411	163.5	101.4	0.2076	165.7
1349.	326.5	-.7947E-01	0.2737	213.1	80.08	0.1423	162.9	100.5	0.2084	165.5
1362.	332.9	-.1008	0.2751	210.0	81.49	0.1435	162.0	101.0	0.2071	163.8
1374.	349.6	-.8219E-01	0.2743	210.5	79.52	0.1400	161.9	99.48	0.2127	163.3
1386.	333.6	-.4455E-01	0.2731	207.2	80.42	0.1358	161.0	98.54	0.2042	162.4
1398.	317.4	-.1138E-01	0.2726	209.2	78.87	0.1421	160.5	99.65	0.2145	161.5
1410.	304.7	-.1873E-03	0.2720	207.6	78.73	0.1382	160.0	98.46	0.2057	161.2
1422.	287.8	-.2848E-03	0.2726	203.3	77.43	0.1457	158.5	100.5	0.2118	160.9
MINIMUM:	0.0000	-.1008	0.2689	20.63	17.61	0.1018	19.03	16.79	0.2042	12.60
AT SCAN:	1	129	122	6	6	7	6	6	131	6
MAXIMUM:	2321.	0.7870E-01	2.293	262.6	92.18	2.235	185.3	106.2	1.485	190.9
AT SCAN:	31	95	6	107	109	6	107	111	22	108
AVERAGE:	698.0	0.4955E-03	0.3464	189.6	64.97	0.2626	135.3	78.63	0.4084	139.0

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	LO SRC (216)	HGTDSR (217)	HI DSR (218)	LO DSR (219)	HGTBRC (220)	HI BRC (221)	LO BRC (222)	HGTBRC (223)	HI BRC (224)	LO BRC (225)
-193.0	23.12	0.8350	23.31	23.11	0.1790	22.08	20.79	0.3310	[illegible]	20.13
-181.0	23.12	1.355	23.37	23.15	0.1837	22.07	20.69	0.6186	[illegible]	20.27
-169.0	23.13	1.332	23.37	23.10	0.2186	22.07	20.80	0.4628	[illegible]	20.30
-157.0	23.15	0.7450	23.25	23.10	0.1790	22.12	20.79	0.3078	[illegible]	20.28
-145.0	23.23	1.096	23.29	23.11	0.2780	22.12	21.10	0.4162	[illegible]	20.45
-133.0	17.55	1.827	21.60	16.22	0.1286	20.68	18.68	0.6914	[illegible]	18.47
-121.0	23.15	0.8350	23.31	23.11	0.2120	22.07	20.89	0.3039	[illegible]	20.20
-109.0	23.12	0.8350	23.28	23.11	0.1955	22.06	20.79	0.3039	[illegible]	20.20
-97.00	23.15	1.143	23.31	23.11	0.1837	22.02	20.69	0.3052	[illegible]	20.24
-85.00	23.15	1.096	23.29	23.11	0.2367	21.98	20.99	0.2850	[illegible]	20.39
-73.00	23.15	0.7900	23.27	23.11	0.2560	22.08	21.28	0.2850	[illegible]	20.49
-60.00	23.15	1.400	23.33	23.10	0.1735	22.14	21.17	0.4162	[illegible]	20.45
-48.00	23.10	1.310	23.35	23.10	0.1601	22.21	21.16	0.2850	21.85	20.29
-36.00	23.12	1.096	23.29	23.11	0.2038	22.19	21.37	0.6800	22.12	[illegible]
-24.00	23.12	1.659	23.36	23.11	0.9588	22.47	21.79	0.8325	27.29	21.19
-12.00	23.15	1.400	23.30	23.06	1.841	27.43	22.21	1.007	28.66	[illegible]
0.0000	23.15	1.355	23.30	23.09	0.7122	37.66	25.67	0.9402	40.25	21.83
12.00	23.15	1.400	23.33	23.08	0.6409	47.76	25.32	0.8654	53.27	[illegible]
24.00	23.15	0.5325	23.20	23.02	0.6895	63.20	26.03	0.9201	70.22	22.84
36.00	23.16	0.8350	23.23	23.04	0.7224	82.07	25.98	0.8138	89.48	23.25
49.00	23.20	0.2850	23.20	23.02	0.7816	133.2	29.10	0.7689	138.5	24.53
61.00	23.30	0.2850	23.23	23.02	2.160	308.6	104.6	0.7461	228.0	27.82
73.00	23.55	0.2625	25.27	23.52	1.207	578.4	103.4	0.7055	359.7	34.77
85.00	24.18	0.2334	31.76	24.74	0.7204	519.3	62.61	0.7545	518.6	51.01
97.00	25.21	0.3680	45.24	24.49	0.6794	520.5	75.75	0.6989	465.1	56.30
109.0	26.44	0.3684	60.15	24.79	0.6239	503.1	85.67	0.6524	441.4	57.78
121.0	27.54	0.2905	65.87	26.74	0.4103	547.6	94.06	0.6219	467.9	69.72
134.0	29.77	0.2428	75.02	27.53	0.4592	685.1	123.3	0.6192	593.8	82.42
146.0	32.10	0.1912	83.51	29.02	0.5100	744.6	147.2	0.4376	635.1	100.8
158.0	34.63	0.1856	94.63	33.27	0.4640	736.2	168.6	0.3788	616.4	113.5
170.0	38.47	0.1858	106.3	38.70	0.3492	733.1	185.5	0.3159	625.5	112.5
182.0	41.45	0.1722	115.5	43.98	0.2903	743.2	190.9	0.2919	629.7	120.9
194.0	46.06	0.1673	121.8	47.84	0.2584	754.4	216.3	0.2889	675.5	126.9
207.0	49.73	0.1638	129.0	53.81	0.2418	740.8	212.5	0.2769	681.1	135.4
219.0	53.59	0.1574	132.2	58.12	0.2314	755.5	242.0	0.2855	697.6	145.9
231.0	58.08	0.1575	136.4	62.77	0.2120	760.3	256.6	0.2826	704.2	152.1
243.0	60.91	0.1635	139.9	67.36	0.1980	739.3	242.4	0.2873	692.1	169.5
255.0	63.91	0.1603	148.0	69.60	0.1761	697.3	223.0	0.2650	698.8	182.8
267.0	67.30	0.1615	149.1	73.18	0.1903	689.0	218.4	0.2788	706.0	192.6
280.0	69.74	0.1602	151.0	76.75	0.1772	709.8	217.6	0.2781	701.0	202.1
292.0	72.03	0.1606	152.4	79.52	0.1596	683.7	216.9	0.2384	639.7	199.6
304.0	73.49	0.1531	155.3	81.04	0.2166	745.9	236.3	0.2631	689.3	208.0
316.0	74.37	0.1566	153.6	82.19	0.1798	709.2	234.4	0.2758	716.2	215.3
328.0	77.54	0.1508	155.8	84.87	0.1837	718.9	233.1	0.2637	695.6	217.1
341.0	77.34	0.1437	156.3	85.87	0.1466	695.7	233.9	0.2535	714.2	222.4
353.0	79.49	0.1568	158.8	87.14	0.1558	730.1	271.5	0.2548	731.4	224.8
365.0	80.65	0.1573	159.6	87.70	0.1474	731.1	267.0	0.2499	745.1	227.2
377.0	80.74	0.1608	160.2	88.84	0.1513	738.4	257.5	0.2485	720.7	232.4
389.0	81.87	0.1405	162.1	87.39	0.1395	704.2	246.6	0.2437	706.2	231.6
401.0	82.46	0.1554	160.2	88.55	0.1492	722.9	258.1	0.2575	727.0	226.1

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	LO SRC (216)	HGTDSR (217)	HI DSR (218)	LO DSR (219)	HGTBRC (220)	HI BRC (221)	LO BRC (222)	HGTBRC (223)	HI BRC (224)	LO BRC (225)
414.0	82.40	0.1624	163.4	90.44	0.1508	715.2	258.9	0.2536	[illegible]	[illegible]
426.0	84.03	0.1471	163.6	88.65	0.1617	770.9	291.9	0.2453	[illegible]	[illegible]
438.0	83.78	0.1412	165.0	92.13	0.1715	790.4	363.6	0.2465	[illegible]	[illegible]
450.0	84.48	0.1536	165.4	92.40	0.1542	784.9	355.2	0.2461	[illegible]	[illegible]
462.0	85.47	0.1362	168.6	91.73	0.1480	803.3	343.4	0.2418	[illegible]	[illegible]
474.0	85.99	0.1577	166.2	93.18	0.1469	832.1	377.1	0.2366	[illegible]	[illegible]
486.0	85.86	0.1590	170.8	94.13	0.1488	841.1	369.1	0.2349	[illegible]	[illegible]
499.0	86.84	0.1546	170.4	94.33	0.1598	830.6	347.4	0.2363	[illegible]	[illegible]
511.0	87.86	0.1557	170.0	94.96	0.1667	830.6	356.9	0.2400	[illegible]	[illegible]
523.0	87.04	0.1520	172.7	95.86	0.1649	816.2	340.7	0.2349	[illegible]	[illegible]
535.0	88.45	0.1575	174.8	96.31	0.3877	871.5	668.7	0.2358	[illegible]	[illegible]
547.0	89.59	0.1607	178.3	97.01	0.1731	844.4	493.5	0.2429	[illegible]	[illegible]
559.0	90.37	0.1586	179.3	98.67	0.1806	845.4	558.9	0.2449	[illegible]	[illegible]
571.0	90.62	0.1513	180.1	98.27	0.8000E-01	882.5	1190.	0.2475	[illegible]	[illegible]
583.0	91.87	0.1497	184.6	100.0	0.8000E-01	882.6	1195.	0.2396	[illegible]	[illegible]
596.0	92.45	0.1590	185.0	100.5	0.8000E-01	869.1	1178.	0.2354	[illegible]	[illegible]
608.0	93.32	0.1527	184.8	102.4	0.8000E-01	867.5	971.9	0.2408	[illegible]	[illegible]
620.0	93.73	0.1537	189.8	102.5	0.8000E-01	869.6	982.9	0.2333	[illegible]	[illegible]
632.0	95.23	0.1443	189.6	103.3	1.671	929.7	839.0	0.2349	[illegible]	[illegible]
644.0	95.63	0.1516	193.0	102.8	1.470	956.4	817.2	0.2436	[illegible]	[illegible]
656.0	96.04	0.1484	193.5	105.3	0.8000E-01	857.0	961.7	0.2380	[illegible]	[illegible]
668.0	96.92	0.1403	197.1	105.4	1.684	927.9	816.5	0.2362	[illegible]	[illegible]
680.0	97.36	0.1266	196.3	107.2	0.8000E-01	850.8	950.7	0.2361	[illegible]	[illegible]
692.0	99.02	0.1416	197.0	108.1	1.356	941.6	746.9	0.2335	[illegible]	[illegible]
704.0	99.73	0.1430	198.1	107.5	1.459	936.4	775.1	0.2461	[illegible]	[illegible]
716.0	99.64	0.1499	196.7	109.6	0.8000E-01	842.4	967.9	0.6493	[illegible]	[illegible]
729.0	99.58	0.1533	195.9	108.7	0.8000E-01	820.1	950.5	0.3093	[illegible]	[illegible]
741.0	99.67	0.1561	197.3	108.5	0.8000E-01	808.4	1017.	0.2647	[illegible]	[illegible]
753.0	100.1	0.1495	194.4	108.0	0.8000E-01	782.8	933.1	0.2745	[illegible]	[illegible]
765.0	99.86	0.1405	194.3	106.7	0.8000E-01	774.5	993.4	0.2819	[illegible]	[illegible]
777.0	99.21	0.1344	193.2	107.1	0.8000E-01	772.2	959.9	0.2874	[illegible]	[illegible]
789.0	99.44	0.1412	192.3	107.0	0.8000E-01	773.5	965.3	0.2944	[illegible]	[illegible]
801.0	99.59	0.1412	190.7	106.9	0.8000E-01	771.0	990.6	0.3067	[illegible]	[illegible]
813.0	99.48	0.1444	193.3	108.1	0.8000E-01	776.4	965.3	0.3017	[illegible]	[illegible]
826.0	100.2	0.1320	191.1	107.5	0.8000E-01	774.2	968.3	0.3268	[illegible]	[illegible]
838.0	99.72	0.1320	191.3	106.4	0.8000E-01	768.3	973.2	0.3095	[illegible]	[illegible]
850.0	100.2	0.1421	188.0	108.2	0.8000E-01	754.5	987.2	0.3300	[illegible]	[illegible]
862.0	100.5	0.1345	188.1	107.7	0.8000E-01	743.3	997.1	0.3226	[illegible]	[illegible]
874.0	100.4	0.1364	188.8	107.4	0.8000E-01	721.8	968.4	0.3200	[illegible]	[illegible]
886.0	100.5	0.1393	187.4	107.0	0.8000E-01	722.7	957.5	0.4434	[illegible]	[illegible]
898.0	99.64	0.1395	189.1	109.2	1.105	812.1	557.2	0.4853	[illegible]	[illegible]
910.0	100.2	0.1372	188.1	108.0	1.093	791.6	513.6	0.4645	[illegible]	[illegible]
923.0	99.36	0.1453	189.1	107.8	0.9932	760.4	470.4	0.4057	[illegible]	[illegible]
935.0	99.15	0.1343	187.9	106.3	0.9426	740.8	471.5	0.4280	[illegible]	[illegible]
947.0	98.97	0.1408	189.1	108.4	0.9230	741.0	472.1	0.5047	[illegible]	[illegible]
959.0	99.45	0.1430	187.9	108.5	1.052	733.5	480.9	0.4480	[illegible]	[illegible]
971.0	99.95	0.1301	189.3	108.0	1.187	736.8	497.7	0.6024	[illegible]	[illegible]
984.0	99.95	0.1272	190.0	109.6	1.383	753.1	518.4	0.4943	[illegible]	[illegible]
996.0	100.3	0.1347	190.6	108.9	1.430	744.6	534.7	0.4079	[illegible]	[illegible]
1008.	100.9	0.1386	191.6	109.6	1.470	742.6	565.1	0.3719	[illegible]	[illegible]

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	LO SRC (216)	HGTDSR (217)	HI DSR (218)	LO DSR (219)	HGTBRC (220)	HI BRC (221)	LO BRC (222)	HGTBRC (223)	HI BRC (224)	LO BRC (225)
1020.	100.5	0.1280	193.2	109.7	1.543	741.9	574.3	0.4575	532.5	266.1
1032.	101.4	0.1326	191.8	109.8	1.824	743.9	603.3	0.6307	534.5	279.5
1044.	101.2	0.1412	193.3	111.1	1.888	732.8	592.6	0.6509	533.2	281.4
1057.	101.6	0.1484	195.4	111.1	1.874	715.1	574.8	0.6261	532.2	291.5
1069.	101.6	0.1403	195.5	111.4	0.8000E-01	612.0	748.2	0.4077	555.3	265.1
1081.	102.8	0.1287	196.1	111.3	0.5018	583.3	695.2	0.6574	566.3	282.1
1093.	103.5	0.1345	198.6	112.4	0.4305	561.7	714.4	0.7132	535.1	278.3
1105.	103.7	0.1263	198.5	115.7	0.1622	550.9	594.4	0.7576	509.1	281.1
1118.	104.4	0.1344	197.2	114.6	0.1835	538.8	637.3	0.7158	487.9	264.0
1130.	103.9	0.1231	195.1	113.6	0.3306	508.1	687.4	0.7050	479.4	256.9
1142.	104.3	0.1292	192.4	112.4	0.3271	496.4	675.5	0.7003	454.1	243.3
1154.	103.4	0.1400	191.3	114.2	0.3472	485.6	672.6	0.7557	450.2	243.0
1166.	102.9	0.1245	190.5	114.3	0.1644	489.9	601.8	0.6948	435.7	245.8
1179.	102.5	0.1209	189.4	111.4	0.1573	484.8	598.3	0.7000	426.7	242.5
1191.	102.6	0.1300	185.8	110.9	0.1696	480.8	616.2	0.7243	420.1	240.6
1203.	101.3	0.1242	184.8	111.0	0.1553	465.5	587.8	0.7267	409.4	233.4
1215.	101.6	0.1157	183.3	111.2	0.1641	459.6	590.0	0.7383	403.6	225.3
1228.	100.9	0.1214	181.9	110.4	0.1950	445.4	605.2	0.6931	391.2	218.2
1240.	100.5	0.1313	182.0	110.3	0.2761	430.0	619.4	0.7738	391.8	225.5
1252.	99.99	0.1351	180.2	109.9	0.3447	423.6	633.6	0.7314	382.6	216.5
1264.	99.34	0.1372	178.4	108.6	0.3731	406.9	629.5	0.7416	378.8	212.1
1276.	98.96	0.1299	176.2	108.5	0.4254	394.1	637.0	0.7540	370.1	205.7
1289.	98.54	0.1280	176.6	107.8	0.3906	391.8	627.9	0.7458	363.9	202.0
1301.	98.34	0.1310	175.4	107.4	0.3937	384.6	620.4	0.7888	359.1	203.2
1313.	97.69	0.1364	175.3	108.1	0.3612	385.3	614.0	0.7389	354.1	196.4
1325.	98.15	0.1355	174.1	108.2	0.4001	377.3	623.0	0.7041	346.5	195.7
1337.	97.96	0.1358	172.1	106.6	0.4326	367.4	630.0	0.6175	336.0	188.8
1349.	97.70	0.1301	170.9	106.6	0.4316	363.4	625.7	0.4948	323.8	182.0
1362.	97.63	0.1266	170.5	105.8	0.4364	358.6	623.9	0.5100	321.6	179.0
1374.	97.44	0.1311	168.3	104.6	0.4443	355.2	619.5	0.4004	311.9	168.2
1386.	96.09	0.1275	169.7	104.9	0.4305	353.5	612.5	0.4372	310.2	167.8
1398.	96.34	0.1287	167.7	102.7	0.5333	335.7	627.8	0.4852	309.5	168.1
1410.	95.38	0.1292	168.1	105.2	0.4981	336.0	622.8	0.3556	299.4	154.7
1422.	95.52	0.1322	168.7	104.6	0.5956	316.3	633.1	0.4564	300.1	163.7
MINIMUM:	17.55	0.1157	21.60	16.22	0.8000E-01	20.68	18.68	0.2333	21.17	18.47
AT SCAN:	6	117	6	6	64	6	6	68	6	6
MAXIMUM:	104.4	1.827	198.6	115.7	2.160	956.4	1195.	1.007	828.9	357.8
AT SCAN:	109	6	107	108	22	70	65	16	76	76
AVERAGE:	76.31	0.3021	144.8	82.46	0.4543	574.3	475.3	0.4499	523.1	186.2

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	HGTHWD (226)	HI HWD (227)	LO HWD (228)	HGTSNS (229)	HI SNS (230)	LO SNS (231)	RWLTHS (232)	MFLOW (233)	HRF (234)	RHRTH (235)
-193.0	0.6850	21.68	20.75	0.1377	21.37	20.63	0.0000	0.1140	0.0000	0.0000
-181.0	0.6400	21.65	20.67	0.1377	21.38	20.63	0.5568E-02	0.1166	0.0000	1.551
-169.0	0.5118	21.58	20.62	0.1220	21.39	20.53	-.2783E-02	0.1166	0.0000	6.511
-157.0	0.4581	21.66	20.62	0.1377	21.38	20.63	-.4081E-02	0.1254	0.0000	3.519
-145.0	0.5034	21.56	20.48	0.1575	21.29	20.83	-.1916E-02	0.1177	0.0000	0.0000
-133.0	0.4763	21.55	20.32	0.1325	21.32	20.63	0.4022E-02	0.1162	0.0000	0.0000
-121.0	0.4567	21.60	20.35	0.1430	21.37	20.54	0.4393E-02	0.1165	0.0000	3.477
-109.0	0.4367	21.63	20.28	0.2475	21.44	20.77	0.1300E-02	0.1165	0.0000	1.473
-97.00	0.4821	21.56	20.33	0.1430	21.39	20.54	-.6847E-02	0.1166	0.0000	5.170
-85.00	0.4989	21.71	20.49	0.1430	21.35	20.54	-.1604E-01	0.1166	0.0000	6.526
-73.00	0.4976	21.61	20.52	0.2250	21.38	20.76	-.1804E-01	0.1166	0.0000	0.9155
-60.00	0.4581	21.53	20.44	0.4550	21.49	20.88	-.1570E-01	0.1166	0.0000	7.933
-48.00	0.5081	21.62	20.35	0.1325	21.38	20.73	-.1084E-01	0.1254	0.0000	0.0000
-36.00	0.5123	21.57	20.16	0.1430	21.37	20.54	-.8006E-02	0.1278	0.0000	9.666
-24.00	0.4912	21.56	20.44	0.1430	21.38	20.54	-.3464E-02	0.1189	0.0000	5.803
-12.00	0.3930	21.81	20.57	0.1378	21.42	20.73	0.8780E-02	0.1166	0.0000	5.567
0.0000	0.5383	22.74	20.74	0.1875	21.38	20.74	0.1651E-01	0.1166	0.0000	3.164
12.00	1.775	29.55	21.44	1.189	22.64	21.12	0.1929E-01	0.1166	0.0000	0.0000
24.00	1.759	46.20	21.71	1.582	27.18	21.38	0.1120E-01	0.1166	0.0000	0.0000
36.00	1.769	58.64	22.04	1.584	31.94	21.67	0.5043E-02	0.1166	0.0000	3.652
49.00	1.643	83.62	22.80	1.351	37.16	22.40	0.9490E-02	0.1165	0.0000	4.097
61.00	1.605	156.0	25.17	1.246	50.00	23.88	0.2527E-01	0.1254	0.0000	0.6924
73.00	1.556	276.1	31.58	1.168	85.51	25.86	0.6466E-01	0.1281	0.0000	9.778
85.00	1.555	352.6	41.25	1.127	138.6	29.82	0.1105	0.1297	0.5124	12.23
97.00	1.376	346.0	46.80	1.120	167.1	34.44	0.1592	0.1320	2.019	43.24
109.0	1.339	327.0	53.00	1.149	183.1	40.23	0.2035	0.1421	6.863	102.6
121.0	1.237	349.2	57.39	1.025	194.8	43.34	0.2416	0.1374	12.23	104.6
134.0	1.250	451.0	65.14	0.9835	208.8	47.18	0.2809	0.1351	18.88	100.3
146.0	1.218	614.5	84.62	0.9671	271.7	55.17	0.3087	0.1365	27.66	120.5
158.0	1.066	560.7	89.18	0.9155	298.2	64.42	0.3203	0.1281	35.97	979.9
170.0	1.024	584.4	96.00	0.8429	318.0	68.41	0.3174	0.1360	44.10	3310.
182.0	0.9868	570.8	100.1	0.7330	304.2	70.77	0.3085	0.1385	50.87	3254.
194.0	0.9843	590.3	106.3	0.7234	324.8	74.94	0.3038	0.1388	54.98	2566.
207.0	0.9579	595.7	114.8	0.6847	333.9	78.23	0.2941	0.1390	58.48	2089.
219.0	0.9617	622.1	120.7	0.6792	339.2	82.33	0.2794	0.1477	66.59	1765.
231.0	0.9047	606.4	125.4	0.6677	345.9	84.30	0.2641	0.1508	70.49	1588.
243.0	0.9356	633.4	131.6	0.6260	357.9	90.69	0.2547	0.1504	74.16	1745.
255.0	0.9248	632.1	141.4	0.5775	359.6	95.94	0.2533	0.1505	77.59	1674.
267.0	0.6904	574.8	128.7	0.5569	357.3	96.68	0.2550	0.1501	79.48	1703.
280.0	0.8781	631.6	148.0	0.5700	390.9	102.1	0.2549	0.1585	84.21	1565.
292.0	0.5941	574.9	127.8	0.5091	378.8	103.1	0.2529	0.1600	87.44	1517.
304.0	0.5976	583.4	128.6	0.4768	364.7	101.0	0.2480	0.1603	90.07	1547.
316.0	0.5664	576.2	127.2	0.4554	374.3	100.3	0.2405	0.1607	91.02	1602.
328.0	0.6458	595.6	135.4	0.4544	371.3	101.5	0.2309	0.1599	91.15	1754.
341.0	0.5905	601.3	132.1	0.4562	367.5	103.0	0.2213	0.1603	93.26	1864.
353.0	0.5955	590.5	133.8	0.4673	371.0	105.9	0.2123	0.1520	88.78	1780.
365.0	0.5612	573.2	132.9	0.4404	364.6	103.8	0.2059	0.1499	89.34	1716.
377.0	0.5587	592.7	135.8	0.4363	367.1	104.5	0.1986	0.1495	89.74	1713.
389.0	0.5677	594.8	137.1	0.4152	366.8	102.3	0.1951	0.1574	96.15	1607.
401.0	0.5580	608.1	134.4	0.3987	365.2	100.8	0.1964	0.1599	95.19	1384.

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	HGTHWD (226)	HI HWD (227)	LO HWD (228)	HGTSNS (229)	HI SNS (230)	LO SNS (231)	RWLTHS (232)	MFLOW (233)	HRR (234)	RHETH (235)
414.0	0.5985	595.4	136.5	0.4275	370.9	103.6	0.2007	0.1601	[illegible]	1396.
426.0	0.5859	609.8	136.6	0.4135	374.6	103.8	0.2032	0.1604	[illegible]	1617.
438.0	0.5871	603.8	138.9	0.4036	376.2	104.4	0.1985	0.1601	[illegible]	2380.
450.0	0.5954	613.8	141.1	0.3875	377.6	107.3	0.1935	0.1607	[illegible]	2588.
462.0	0.6102	618.4	143.8	0.3982	386.6	110.2	0.1880	0.1604	[illegible]	2522.
474.0	0.5733	610.9	142.6	0.3879	387.9	111.0	0.1826	0.1606	[illegible]	2295.
486.0	0.5568	607.6	143.1	0.3651	380.7	108.6	0.1719	0.1603	[illegible]	2094.
499.0	0.5790	594.7	147.1	0.3898	390.5	110.9	0.1637	0.1600	[illegible]	1941.
511.0	0.6093	616.9	149.9	0.3906	390.5	112.9	0.1613	0.1606	[illegible]	1723.
523.0	0.5868	597.7	146.9	0.3881	390.8	112.5	0.1665	0.1609	[illegible]	1601.
535.0	0.6009	594.6	151.3	0.3875	396.8	115.3	0.1724	0.1611	104.2	1572.
547.0	0.5936	597.3	148.4	0.4185	406.8	123.9	0.1721	0.1616	102.8	1483.
559.0	0.5964	600.9	153.8	0.4218	410.7	125.1	0.1681	0.1686	106.7	1550.
571.0	0.5823	590.9	153.2	0.4054	405.4	125.1	0.1684	0.1704	108.3	1512.
583.0	0.5869	600.3	154.8	0.3882	409.0	129.9	0.1726	0.1706	108.1	1523.
596.0	0.5788	599.2	155.3	0.3875	411.4	131.1	0.1739	0.1785	113.1	1559.
608.0	0.5694	603.4	159.2	0.3857	414.9	134.4	0.1972	0.1735	112.0	1541.
620.0	0.5787	609.6	160.3	0.3957	417.5	137.3	0.2684	0.1713	108.7	1553.
632.0	0.5834	609.9	161.5	0.3969	419.5	139.3	0.3907	0.1714	108.4	1526.
644.0	0.5784	599.6	164.1	0.4143	420.4	145.2	0.4999	0.1715	108.3	1556.
656.0	0.5901	610.7	165.7	0.3927	417.2	141.9	0.5240	0.1715	107.6	1536.
668.0	0.5764	595.0	162.9	0.4278	415.8	145.4	0.4588	0.1722	108.1	1574.
680.0	0.6052	595.2	165.4	0.4223	412.4	142.4	0.3604	0.1716	109.3	1610.
692.0	0.6057	550.4	163.7	0.4390	407.4	140.4	0.2927	0.1711	106.6	1570.
704.0	0.6699	573.3	174.6	0.4631	403.7	143.3	0.2684	0.1714	107.9	1551.
716.0	0.7000	561.5	176.9	0.4592	399.5	145.1	0.2494	0.1711	107.7	1492.
729.0	0.7382	554.4	176.6	0.4493	393.5	143.7	0.2290	0.1786	109.6	1482.
741.0	0.7879	567.4	173.8	0.4845	384.0	145.2	0.2115	0.1799	107.3	1506.
753.0	0.7410	515.1	167.9	0.4626	379.0	141.7	0.2155	0.1793	106.0	1453.
765.0	0.7560	528.4	164.7	0.4531	372.9	142.8	0.2435	0.1792	106.5	1446.
777.0	0.7012	480.0	160.1	0.4296	369.6	139.2	0.2692	0.1791	104.2	1399.
789.0	0.7608	501.6	166.4	0.4654	371.4	139.4	0.2869	0.1789	103.8	1428.
801.0	0.7898	530.9	166.4	0.4571	365.7	137.9	0.2874	0.1788	105.6	1430.
813.0	0.8027	547.1	167.3	0.4526	358.7	138.1	0.2788	0.1783	106.1	1314.
826.0	0.8123	553.5	169.2	0.4487	354.7	137.9	0.2525	0.1784	106.5	1299.
838.0	0.8268	557.6	167.6	0.4397	354.3	138.6	0.2069	0.1781	103.0	1267.
850.0	0.8196	547.3	165.5	0.4669	355.2	138.4	0.1468	0.1709	100.8	1265.
862.0	0.8700	557.3	167.4	0.4633	351.2	136.6	0.7866E-01	0.1691	95.55	1239.
874.0	0.9133	558.6	168.9	0.5339	356.8	143.3	0.3039E-01	0.1690	95.67	1203.
886.0	0.9182	554.6	170.0	0.5302	350.1	141.6	-.1066E-01	0.1762	102.3	1177.
898.0	0.9236	536.5	172.0	0.4550	346.5	138.6	-.4449E-01	0.1705	97.43	1119.
910.0	0.8231	493.0	165.1	0.4558	342.8	138.2	-.6846E-01	0.1686	94.71	1106.
923.0	0.9459	522.4	175.4	0.4210	334.4	136.1	-.8110E-01	0.1687	90.13	1135.
935.0	0.9190	511.4	176.8	0.3929	327.8	136.7	-.5568E-01	0.1766	98.09	1140.
947.0	0.9209	506.2	182.6	0.4348	335.5	139.4	-.2886E-01	0.1783	98.01	1068.
959.0	0.8980	501.0	183.8	0.3939	343.0	140.8	0.1036E-01	0.1782	97.53	1051.
971.0	0.8616	501.1	190.1	0.3881	348.0	143.2	0.7546E-01	0.1788	98.43	1068.
984.0	0.8580	486.7	193.0	0.4049	351.8	146.7	0.1591	0.1787	98.92	1037.
996.0	0.8582	482.2	194.5	0.4091	360.0	148.1	0.2414	0.1786	96.37	1059.
1008.	0.8333	482.7	196.4	0.4008	353.3	146.5	0.2488	0.1785	94.93	1028.

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

	HGTHWD (226)	HI HWD (227)	LO HWD (228)	HGTSNS (229)	HI SNS (230)	LO SNS (231)	RWLTHS (232)	MFLOW (233)	HFF (234)	RHFTH (235)
1020.	0.8324	470.0	195.8	0.4109	360.6	146.9	0.1912	0.1784	[illegible]	1032.
1032.	0.9278	487.5	206.2	0.4046	361.7	147.8	0.7294E-01	0.1785	[illegible]	1009.
1044.	0.9174	490.9	208.0	0.3931	369.3	150.1	-.3448E-01	0.1782	[illegible]	961.0
1057.	0.8857	489.6	210.8	0.4357	375.0	160.9	-.7578E-01	0.1787	[illegible]	1003.
1069.	0.9327	525.8	215.3	0.4059	378.7	161.6	-.2127E-01	0.1717	[illegible]	1030.
1081.	0.9555	516.3	223.3	0.4551	388.8	169.3	0.1099	0.1705	[illegible]	981.3
1093.	0.9378	486.6	218.4	0.4330	374.1	170.8	0.1842	0.1702	91.86	1081.
1105.	0.9397	462.6	219.4	0.3847	354.2	162.5	0.1548	0.1699	86.95	1105.
1118.	0.9711	452.5	214.1	0.3678	334.7	158.5	0.4401E-01	0.1698	85.76	928.2
1130.	0.9248	436.2	211.4	0.3707	329.3	157.5	-.2604E-01	0.1695	85.54	860.3
1142.	0.9194	424.5	204.5	0.3191	316.5	151.6	-.1393E-01	0.1616	77.97	811.8
1154.	0.9975	424.0	201.0	0.3446	315.7	151.6	0.4362E-01	0.1671	77.70	774.8
1166.	0.9620	414.3	198.4	0.3207	312.0	148.5	0.6823E-01	0.1691	75.33	736.9
1179.	0.9410	403.7	196.9	0.3096	305.2	147.7	0.1966E-01	0.1693	75.12	737.8
1191.	0.9640	396.7	196.3	0.3322	304.0	147.7	-.4456E-01	0.1690	73.50	704.3
1203.	0.9477	391.1	193.3	0.3138	294.8	144.6	-.9365E-01	0.1689	70.05	682.9
1215.	0.9597	387.2	192.8	0.3106	290.0	143.1	-.1191	0.1689	68.66	603.1
1228.	0.9830	382.5	195.9	0.2721	285.1	141.3	-.1398	0.1612	62.35	650.8
1240.	0.9452	375.4	191.4	0.2510	278.5	139.5	-.1776	0.1593	59.45	633.4
1252.	1.033	377.1	192.5	0.2553	276.2	137.7	-.1898	0.1590	58.24	599.4
1264.	1.005	368.3	189.4	0.2794	277.4	138.7	-.1705	0.1590	57.52	581.5
1276.	0.9711	358.7	187.8	0.2744	275.3	140.2	-.1369	0.1591	53.84	586.8
1289.	0.9106	351.7	185.6	0.2141	268.2	132.9	-.1020	0.1590	52.41	549.7
1301.	0.9123	344.7	185.3	0.2176	262.3	132.7	-.8563E-01	0.1589	51.89	557.7
1313.	0.9232	340.6	187.0	0.2070	258.1	132.3	-.7915E-01	0.1589	48.97	525.9
1325.	0.9864	338.1	186.5	0.2745	259.3	136.5	-.7402E-01	0.1585	46.66	498.5
1337.	0.8019	322.1	181.9	0.2382	253.3	139.4	-.5872E-01	0.1587	48.29	477.7
1349.	0.8691	327.3	182.9	0.2550	254.3	141.0	-.4505E-01	0.1588	44.77	481.0
1362.	0.8813	323.2	183.2	0.2127	247.1	135.2	-.3838E-01	0.1588	42.31	486.6
1374.	0.7790	313.0	178.5	0.2181	245.2	136.3	-.4373E-01	0.1588	41.29	507.6
1386.	0.7650	310.3	176.1	0.1943	243.9	132.0	-.4873E-01	0.1589	39.66	484.6
1398.	0.7412	304.1	173.3	0.1954	242.2	130.2	-.4525E-01	0.1666	41.91	463.1
1410.	0.7354	301.3	170.6	0.2261	243.3	133.6	-.3240E-01	0.1686	42.40	446.2
1422.	0.8423	303.7	172.5	0.1949	240.1	128.1	-.3993E-01			
MINIMUM:	0.3930	21.53	20.16	0.1220	21.29	20.53	-.1898	0.1140	0.0000	0.0000
AT SCAN:	16	12	14	3	5	3	120	1	1	1
MAXIMUM:	1.775	633.4	223.3	1.584	420.4	170.8	0.5240	0.1799	113.1	3310.
AT SCAN:	18	37	106	20	70	107	71	78	66	31
AVERAGE:	0.8160	429.0	136.4	0.4556	286.1	106.2	0.1134	0.1559	68.09	1034.

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

CHANNEL	MINIMUM	AT SCAN	MAXIMUM	AT SCAN	AVERAGE
0	-193.0	1	1422.	134	613.7
14	10.42	105	21.03	21	15.79
15	0.6070	12	3.150	48	1.395
16	0.0000	6	9.997	100	4.516
17	5.413	80	20.90	7	14.54
18	1.655	67	20.90	12	8.847
19	0.8069	60	20.90	6	7.971
24	-1.934	28	0.8494	130	-.2616
25	-1.388	29	0.4082E-01	17	-.6128
26	-.1822	125	0.7435	25	0.2819
28	0.5861	1	1.070	78	0.8963
29	16.47	67	20.98	22	18.10
30	0.0000	1	1.156	48	0.3839
31	0.4492E-01	3	3.896	75	2.477
32	1.638	71	20.92	22	9.069
33	0.4656E-01	18	19.57	79	11.52
34	0.0000	15	3.528	69	1.437
35	1.251	64	20.90	21	8.399
36	0.6334E-01	5	18.90	66	11.97
37	0.0000	1	4.908	48	1.620
38	2.155	6	3.303	58	2.803
39	2.683	4	3.853	49	3.341
40	2.811	5	4.032	44	3.453
41	2.497	14	3.679	51	3.082
42	0.0000	1	0.0000	1	0.0000
43	0.0000	1	0.0000	1	0.0000
44	2.223	127	3.307	55	2.716
45	3.051	25	4.436	53	3.696
46	2.865	11	7.377	31	3.764
47	-.3725E-08	1	5.467	127	0.4823
49	-.9126	16	206.8	114	113.4
50	16.96	31	20.90	5	19.55
51	0.0000	1	0.3064	30	0.9817E-01
52	0.1915E-01	20	2.247	31	0.6878
53	0.6789E-01	16	3.633	31	1.114
54	0.0000	5	4.984	51	1.734
55	0.0000	1	17.37	72	10.80
56	4.228	15	19.37	42	14.22
57	0.0000	1	7.994	44	2.211
58	1.292	64	20.90	13	8.415

CHANNEL	MINIMUM	AT SCAN	MAXIMUM	AT SCAN	AVERAGE
59	0.2214	49	20.92	[illegible]	[illegible]
60	19.10	6	119.4	[illegible]	[illegible]
61	17.00	6	24.90	[illegible]	[illegible]
62	19.20	6	172.1	[illegible]	[illegible]
63	17.10	6	218.5	[illegible]	153.7
64	18.10	6	239.7	107	170.2
65	15.30	6	265.8	107	190.6
66	19.60	6	277.3	74	199.0
67	16.20	6	296.6	70	209.9
68	17.30	6	317.6	72	223.7
69	19.30	6	335.9	72	237.2
70	21.00	6	345.1	72	243.6
71	18.90	6	102.1	111	75.13
72	19.40	6	121.0	110	88.07
73	18.30	6	140.9	111	101.4
74	17.50	6	163.1	108	118.0
75	16.20	6	174.9	108	126.8
76	16.60	6	184.1	107	134.8
77	15.20	6	196.5	108	142.8
78	16.00	6	205.4	107	147.9
79	15.50	6	218.9	74	158.7
80	21.20	6	225.6	107	164.2
81	17.80	6	226.1	75	165.4
82	20.50	6	97.90	111	70.97
83	-104.7	33	1016.	1	228.5
84	18.40	6	130.1	111	92.72
85	13.50	6	154.0	109	110.1
86	20.60	6	178.3	108	126.1
87	6.600	6	188.0	108	136.0
88	-328.5	76	19.90	1	-144.0
89	-.2174E+06	76	19.60	1	-.1154E+05
90	14.50	6	231.4	73	166.9
91	-.4782E+07	76	19.20	1	-.8431E+06
92	19.30	6	246.4	75	179.2
93	21.30	6	112.8	108	79.90
94	15.70	6	136.6	108	93.14
95	16.70	6	180.4	107	128.2
96	15.50	6	193.7	106	139.6
97	14.80	6	200.3	107	144.7
98	12.70	6	207.4	108	150.7

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

CHANNEL	MINIMUM	AT SCAN	MAXIMUM	AT SCAN	AVERAGE	CHANNEL	MINIMUM	AT SCAN	MAXIMUM	AT SCAN	AVERAGE
99	17.20	6	213.0	75	155.1	139	21.50	1	417.6	[illegible]	[illegible]
100	21.40	6	212.4	75	154.9	140	21.30	5	537.6	[illegible]	[illegible]
101	21.70	6	222.2	74	160.1	141	21.50	5	574.7	[illegible]	[illegible]
102	18.60	6	1195.	65	475.0	142	19.50	5	278.6	[illegible]	[illegible]
103	-.2147E+09	106	1166.	64	-.4648E+08	143	20.80	5	170.1	54	84.95
104	20.50	6	789.5	70	475.8	144	20.40	5	177.0	54	92.44
105	20.60	6	1029.	44	519.2	145	20.40	5	172.1	54	90.82
106	20.40	6	1060.	42	466.5	146	20.90	5	166.0	54	83.03
107	-.2147E+09	90	2758.	57	-.5600E+08	147	20.20	5	175.0	54	92.53
108	20.50	6	965.1	76	594.1	148	20.20	5	177.7	54	93.33
109	21.30	6	1005.	65	615.0	149	20.70	5	162.3	54	81.90
110	8.900	22	1459.	23	632.1	150	20.50	17	153.1	56	86.76
111	21.00	6	941.1	64	635.9	151	20.20	6	172.3	54	92.47
112	21.00	6	938.1	64	632.3	152	20.80	13	69.30	107	53.53
113	18.20	6	389.0	76	167.3	153	20.45	5	69.45	108	53.60
114	18.10	6	289.1	67	167.6	154	21.60	13	141.7	102	100.5
115	18.50	6	409.0	68	235.4	155	21.30	6	174.7	109	118.3
116	18.70	6	719.2	58	300.9	156	21.60	13	241.5	73	164.7
117	19.40	6	877.5	54	487.2	157	21.60	13	315.9	71	212.9
118	19.90	6	957.7	43	568.2	158	21.80	9	350.5	66	240.0
119	20.70	6	927.7	55	600.0	159	21.70	6	380.3	71	264.1
120	22.40	14	924.1	64	604.9	160	20.80	6	383.4	71	271.5
121	22.60	13	900.7	63	603.0	161	21.10	6	389.1	72	275.7
122	20.20	8	215.3	106	115.3	162	21.70	6	392.1	72	276.8
123	20.40	14	213.4	106	135.2	163	19.70	6	21.30	101	20.62
124	19.80	14	191.1	106	109.1	164	22.80	6	63.80	83	48.40
125	20.80	11	248.9	72	166.6	165	21.90	6	56.90	91	45.00
126	20.90	14	307.6	71	192.9	166	21.70	6	58.60	113	47.19
127	21.40	1	414.3	57	260.6	167	20.70	6	844.1	72	553.9
128	21.40	9	577.5	49	344.1	168	21.50	6	736.0	68	510.3
129	21.50	5	883.4	49	483.2	200	20.54	5	169.2	54	88.95
130	21.70	9	864.1	40	542.4	201	2.769	6	3.995	31	3.265
131	21.90	5	846.2	59	548.5	202	3.128	59	4.058	31	3.479
132	22.00	3	844.6	59	551.0	203	0.0000	1	3380.	31	993.9
133	20.50	3	148.4	107	86.17	204	0.0000	1	3152.	31	929.6
134	20.70	7	169.4	107	105.1	205	0.0000	1	2476.	31	737.3
135	20.90	1	176.1	107	115.9	206	0.0000	1	2321.	31	698.0
136	20.90	10	234.4	105	152.1	207	-.1008	129	0.7870E-01	95	0.4955E-03
137	21.10	10	284.5	71	181.3	208	0.2689	122	2.293	6	0.3464
138	21.20	5	343.6	68	220.3	209	20.63	6	262.6	107	189.6

SHARON TOWNHOUSE FIRE TEST SHARON2

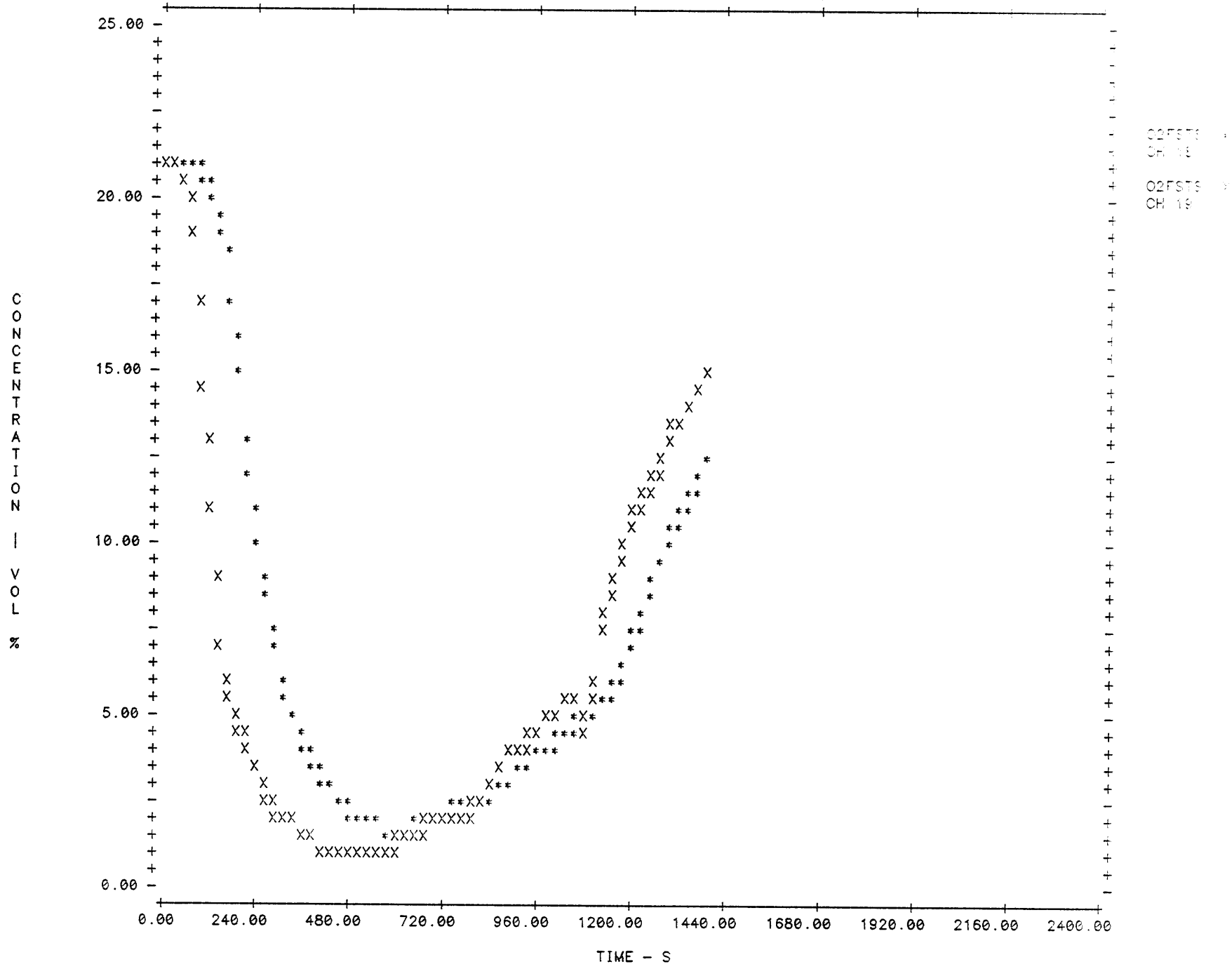
CHANNEL	MINIMUM	AT SCAN	MAXIMUM	AT SCAN	AVERAGE
210	17.61	6	92.18	109	64.97
211	0.1018	7	2.235	6	0.2626
212	19.03	6	185.3	107	135.3
213	16.79	6	106.2	111	78.63
214	0.2042	131	1.485	22	0.4084
215	12.60	6	190.9	108	139.0
216	17.55	6	104.4	109	76.31
217	0.1157	117	1.827	6	0.3021
218	21.60	6	198.6	107	144.8
219	16.22	6	115.7	108	82.46
220	0.8000E-01	64	2.160	22	0.4543
221	20.68	6	956.4	70	574.3
222	18.68	6	1195.	65	475.3

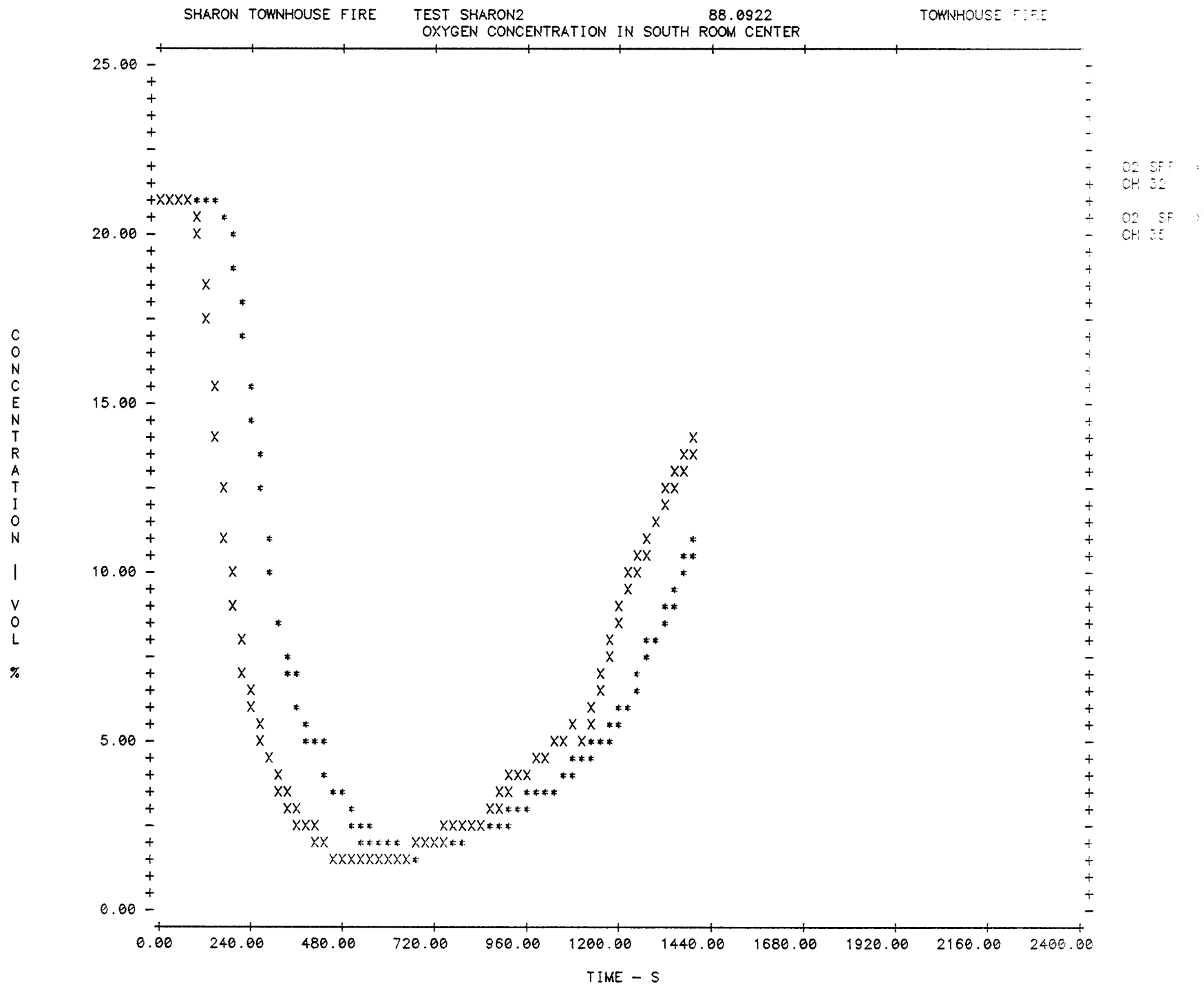
88.0922 TOWNHOUSE FIRE

CHANNEL	MINIMUM	AT SCAN	MAXIMUM	AT SCAN	AVERAGE
223	0.2333	68	1.007	[illegible]	[illegible]
224	21.17	6	828.9	[illegible]	[illegible]
225	18.47	6	357.8	[illegible]	[illegible]
226	0.3930	16	1.775	[illegible]	[illegible]
227	21.53	12	633.4	37	429.0
228	20.16	14	223.3	100	130.4
229	0.1220	3	1.584	20	0.4556
230	21.29	5	420.4	70	286.1
231	20.53	3	170.8	107	106.2
232	-.1898	120	0.5240	71	0.1134
233	0.1140	1	0.1799	78	0.1559
234	0.0000	1	113.1	66	68.09
235	0.0000	1	3310.	31	1034.

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

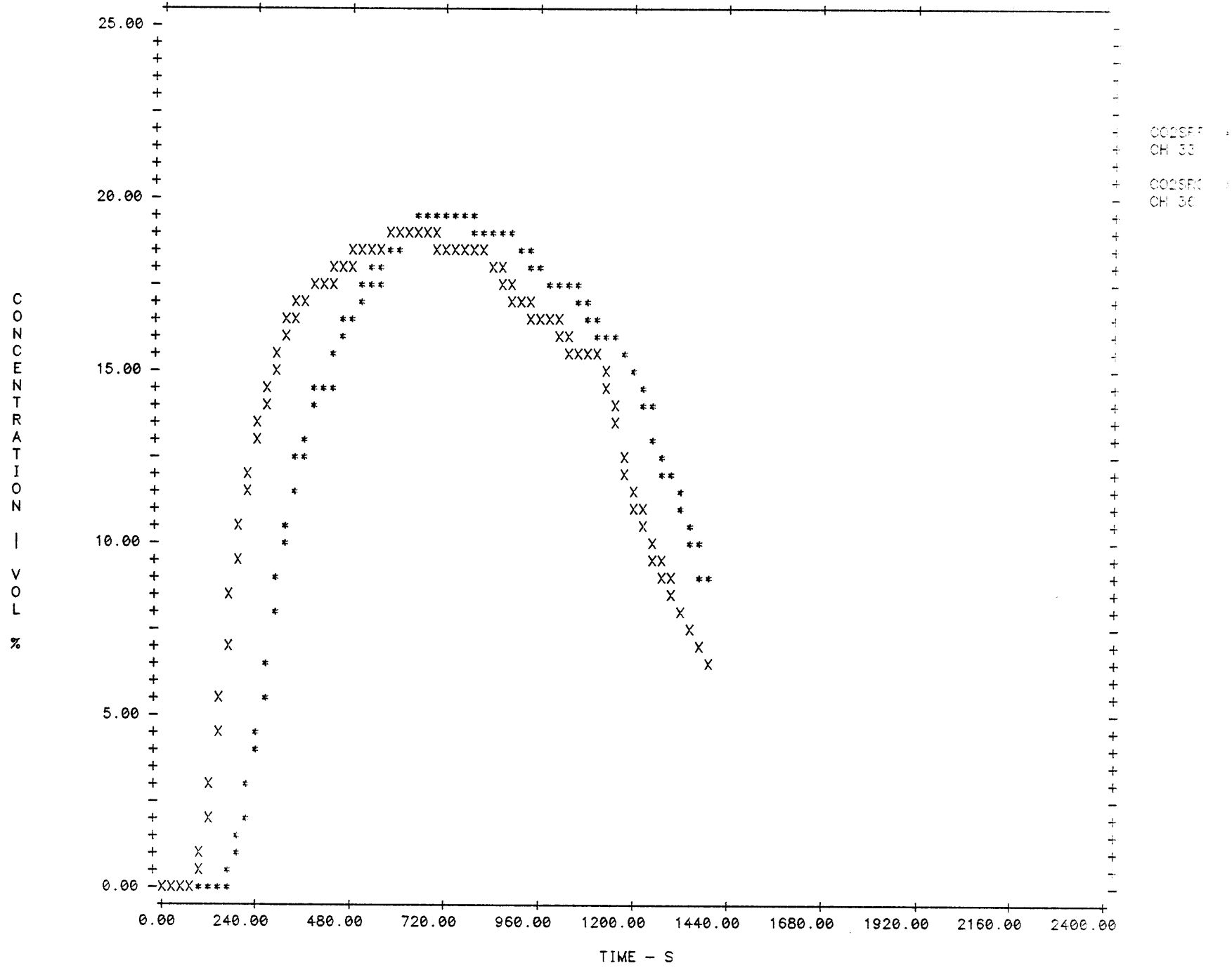
OXYGEN CONCENTRATION DOORWAY TOP OF STAIRS




SHARON TOWNHOUSE FIRE
TEST SHARON2
88.0922
TOWNHOUSE FIRE
OXYGEN CONCENTRATION IN SOUTH ROOM CENTER
CONCENTRATION | VOL %
25.00
20.00
15.00
10.00
5.00
0.00
0.00
240.00
480.00
720.00
960.00
1200.00
1440.00
1680.00
1920.00
2160.00
2400.00
TIME - S

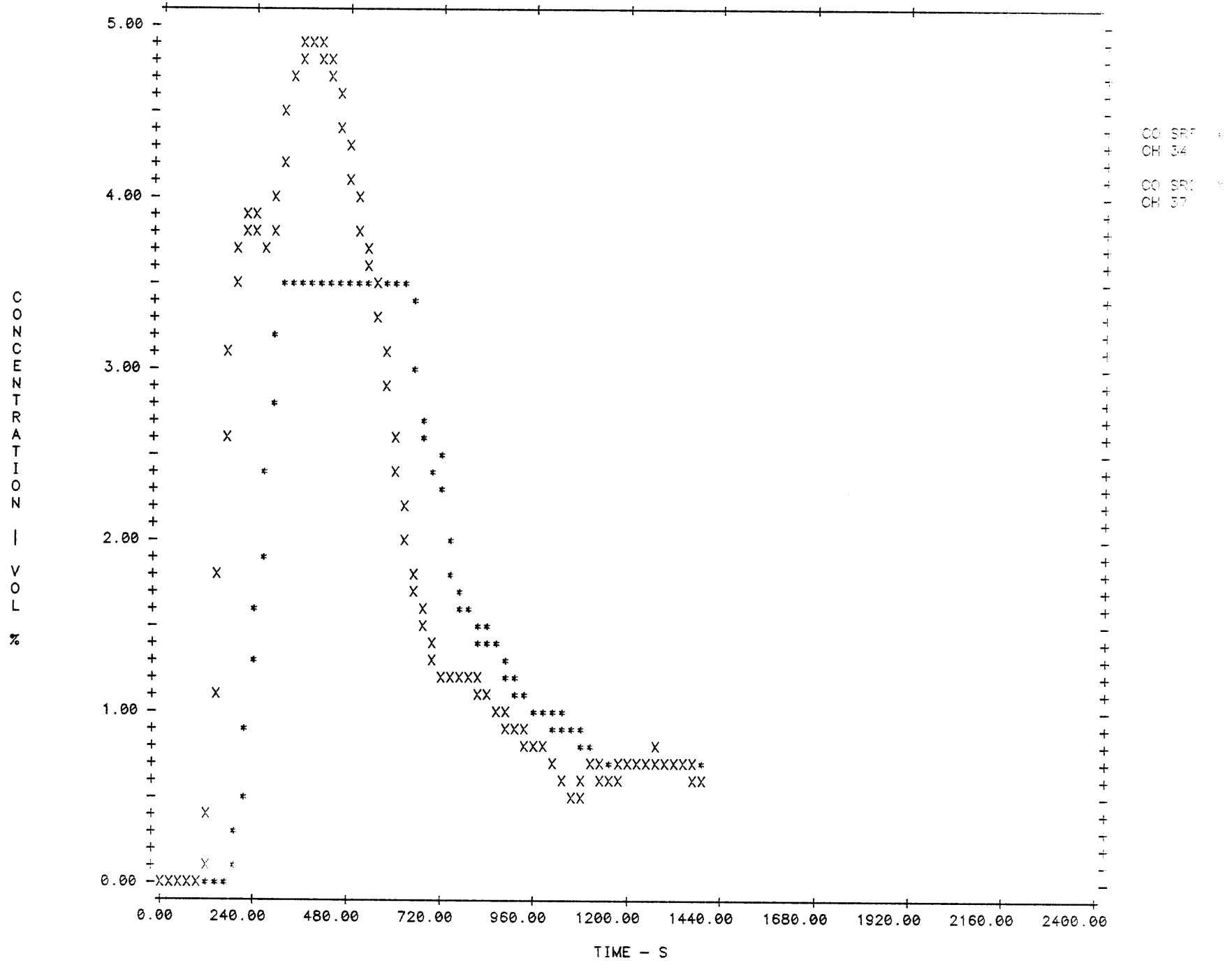
SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

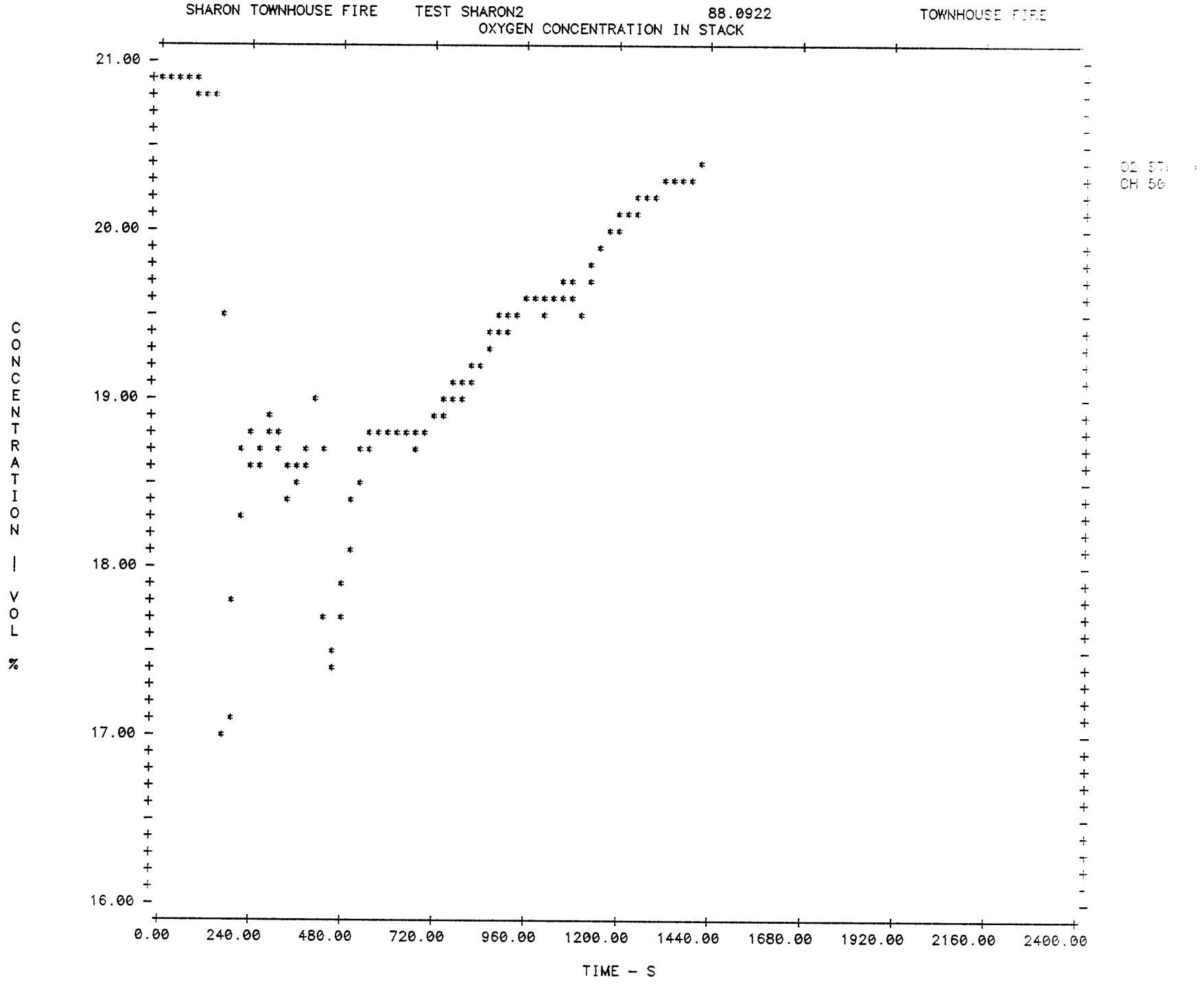
CARBON DIOXIDE CONCENTRATION IN SOUTH ROOM CENTER



SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

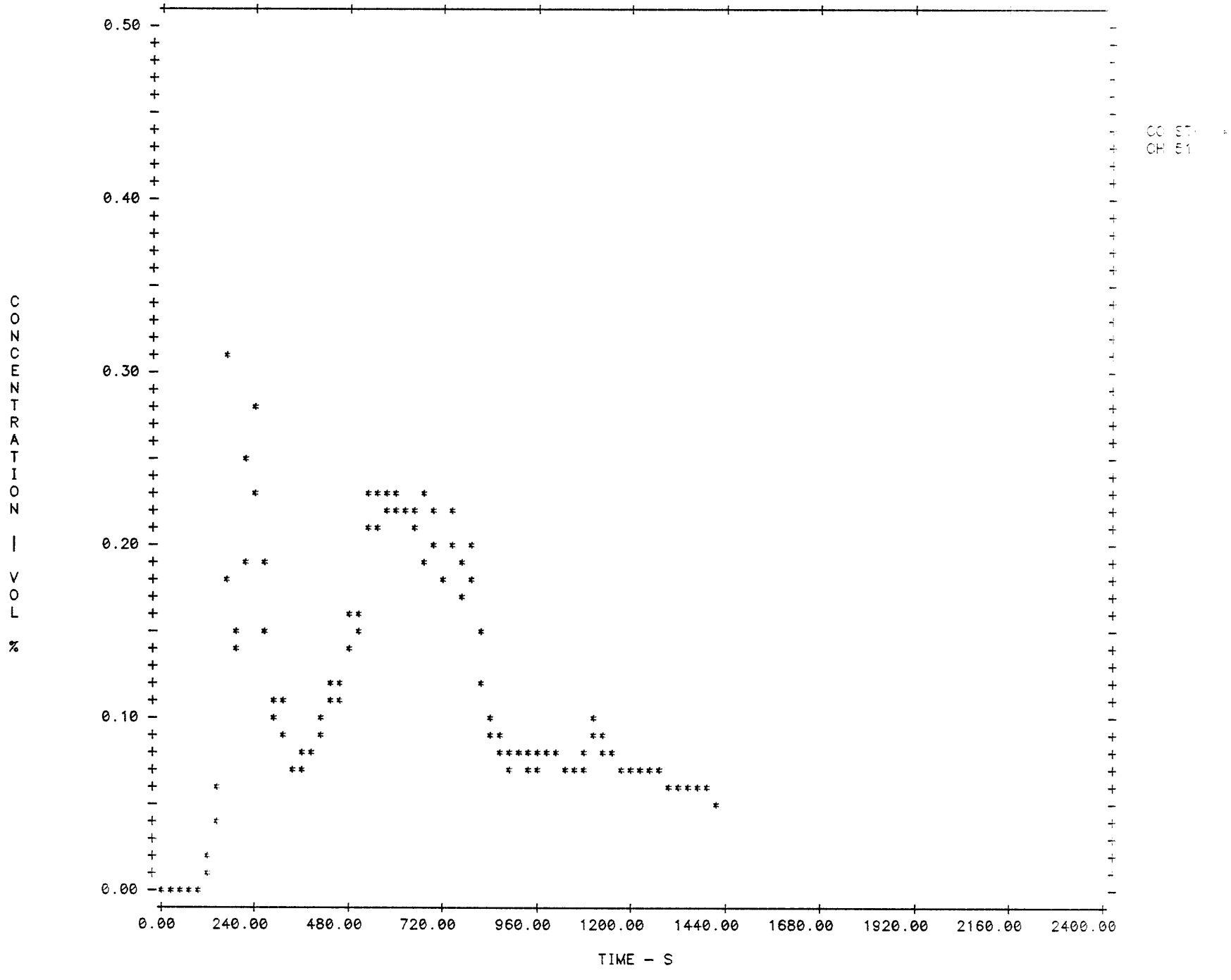
CARBON MONOXIDE CONCENTRATION IN SOUTH ROOM CENTER




SHARON TOWNHOUSE FIRE
TEST SHARON2
88.0922
TOWNHOUSE FIRE
OXYGEN CONCENTRATION IN STACK
CONCENTRATION | VOL %
21.00
20.00
19.00
18.00
17.00
16.00
0.00
240.00
480.00
720.00
960.00
1200.00
1440.00
1680.00
1920.00
2160.00
2400.00
TIME - S
O2 STA
CH 50

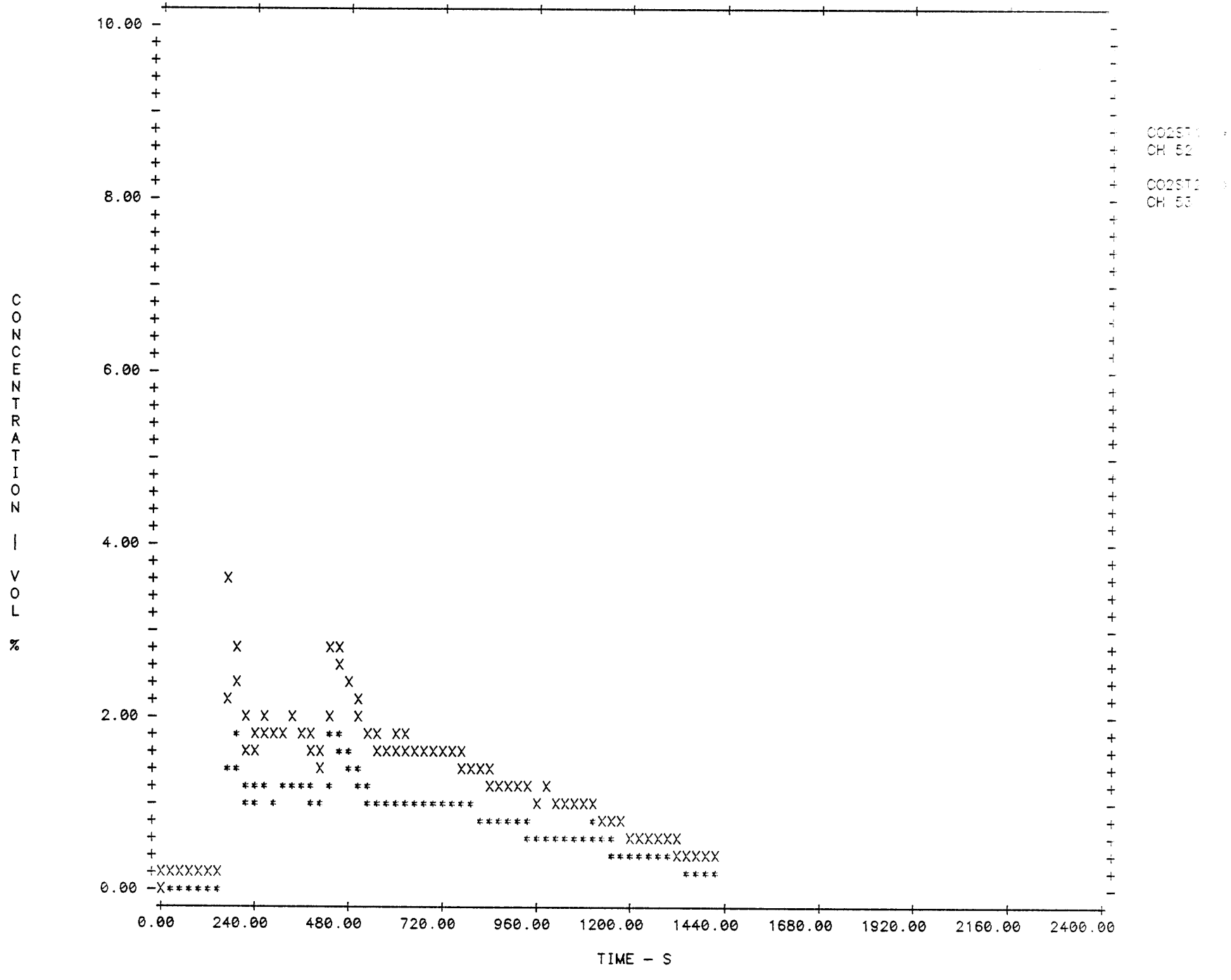
SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

CARBON MONOXIDE CONCENTRATION IN STACK



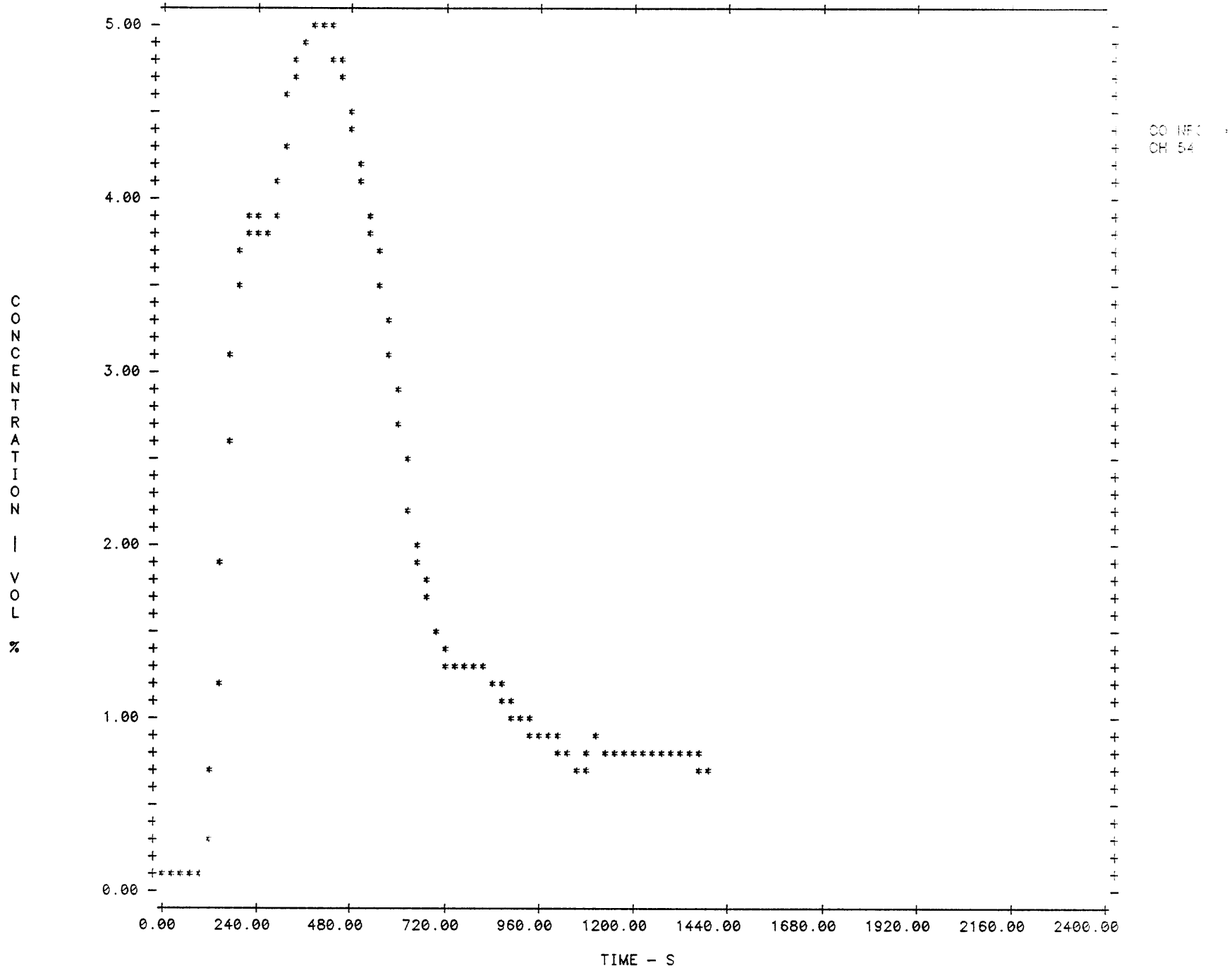
SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

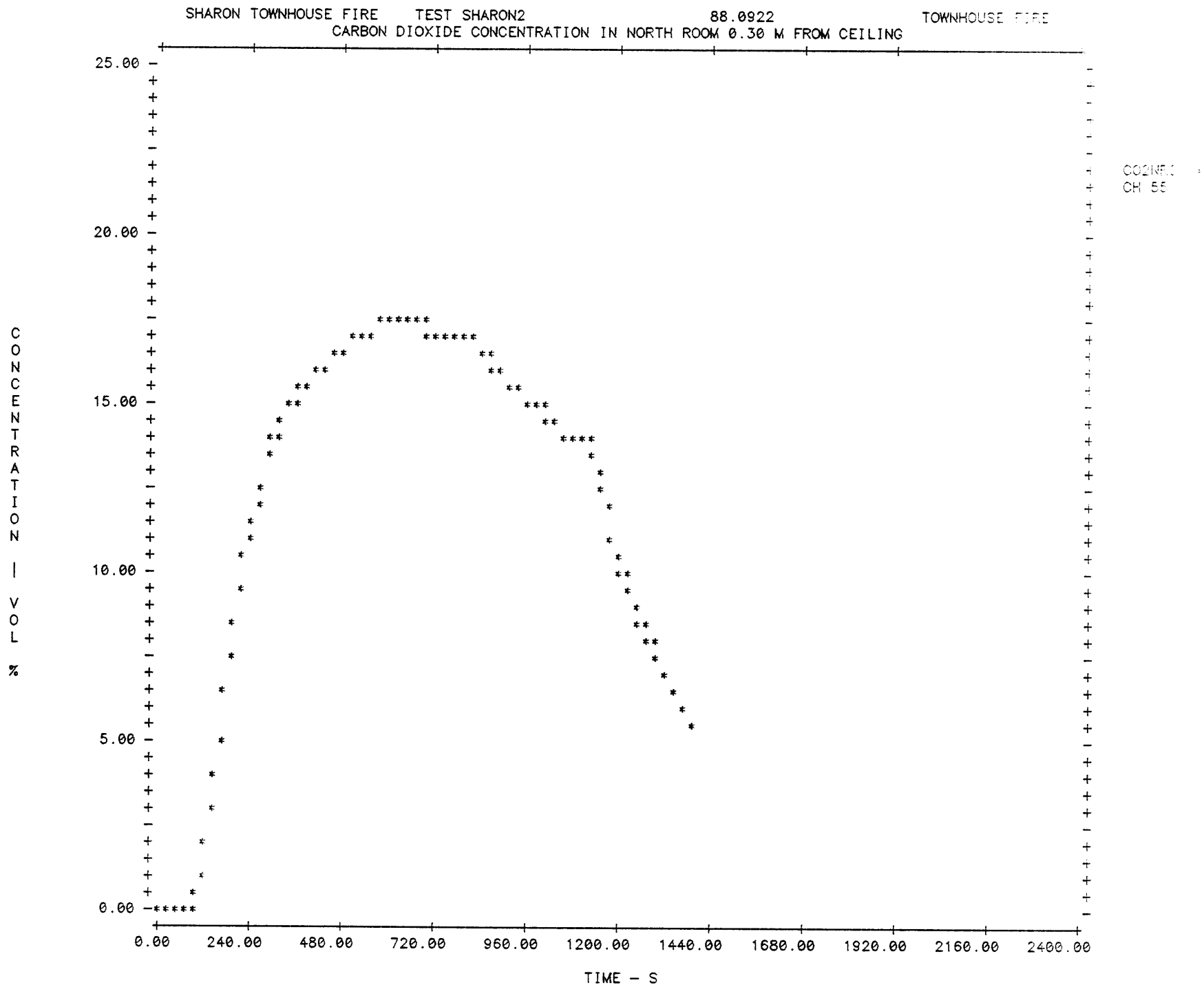
CARBON DIOXIDE CONCENTRATION IN STACK

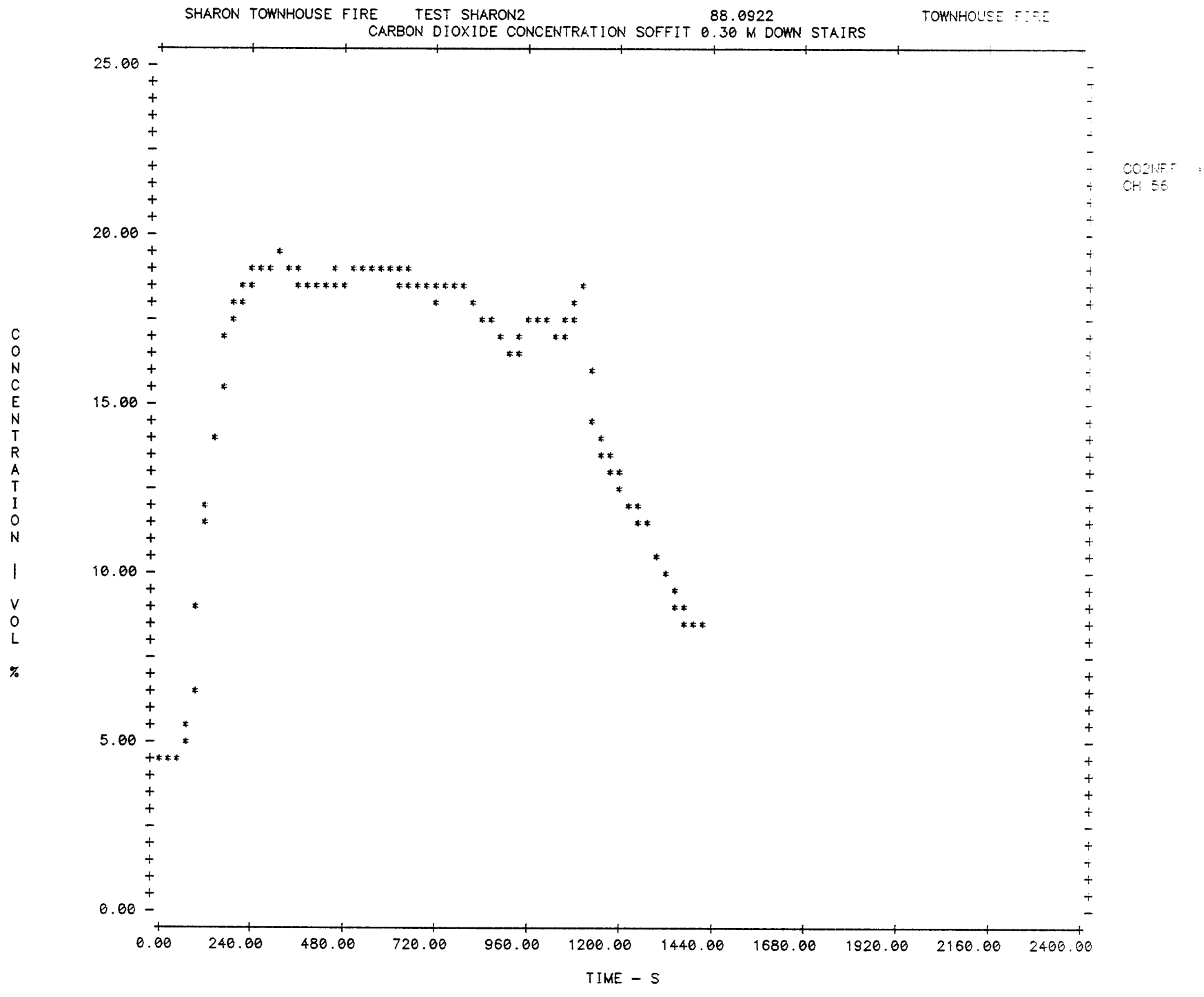


SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

CARBON MONOXIDE CONCENTRATION IN NORTH ROOM 0.30 M FROM CEILING

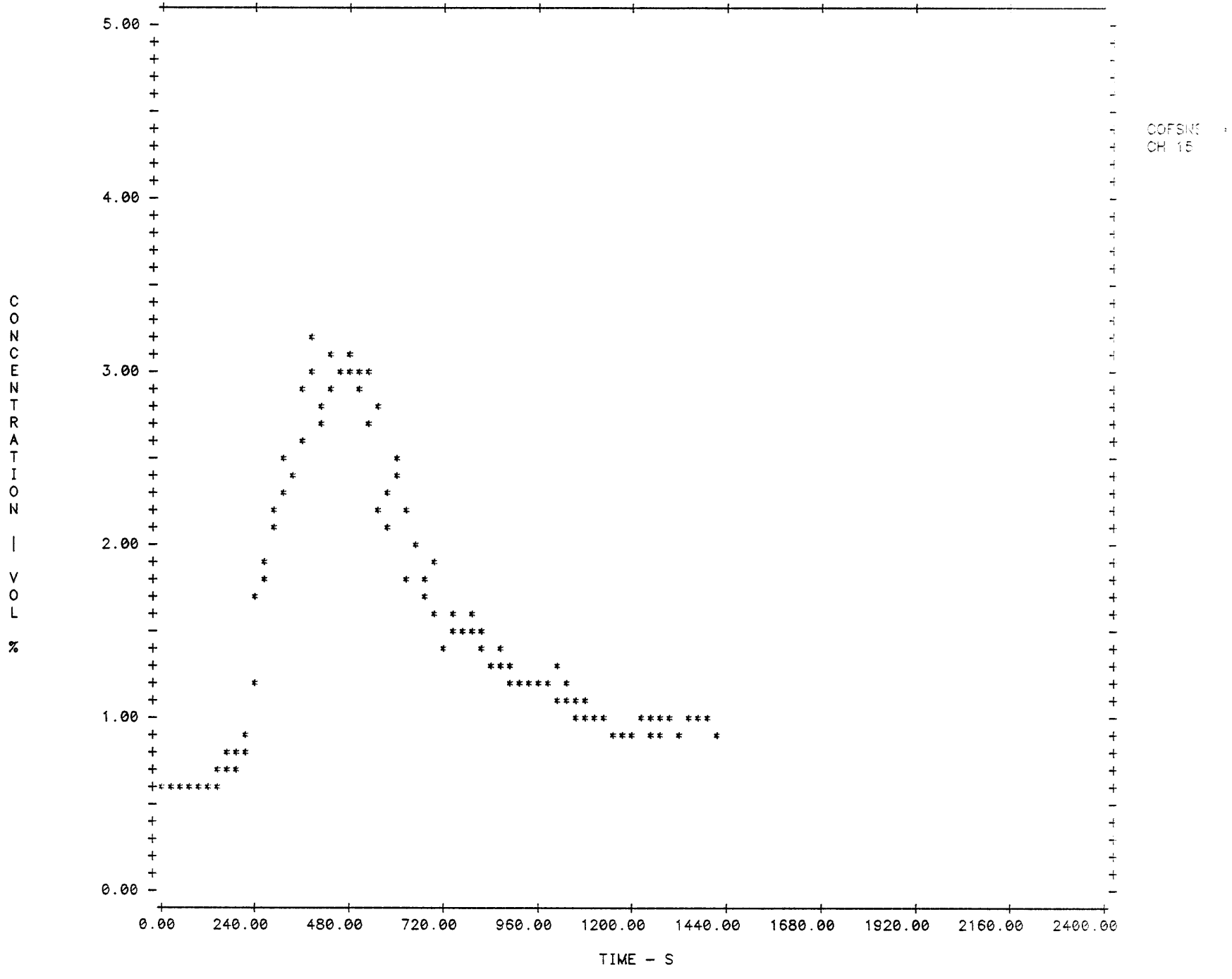



SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE
CARBON DIOXIDE CONCENTRATION IN NORTH ROOM 0.30 M FROM CEILING
CONCENTRATION | VOL %
25.00
20.00
15.00
10.00
5.00
0.00
0.00
240.00
480.00
720.00
960.00
1200.00
1440.00
1680.00
1920.00
2160.00
2400.00
TIME - S
CO2INF
CH 55


SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE
CARBON DIOXIDE CONCENTRATION SOFFIT 0.30 M DOWN STAIRS
CONCENTRATION | VOL %
25.00
20.00
15.00
10.00
5.00
0.00
0.00
240.00
480.00
720.00
960.00
1200.00
1440.00
1680.00
1920.00
2160.00
2400.00
TIME - S
CO2INFF
CH 56

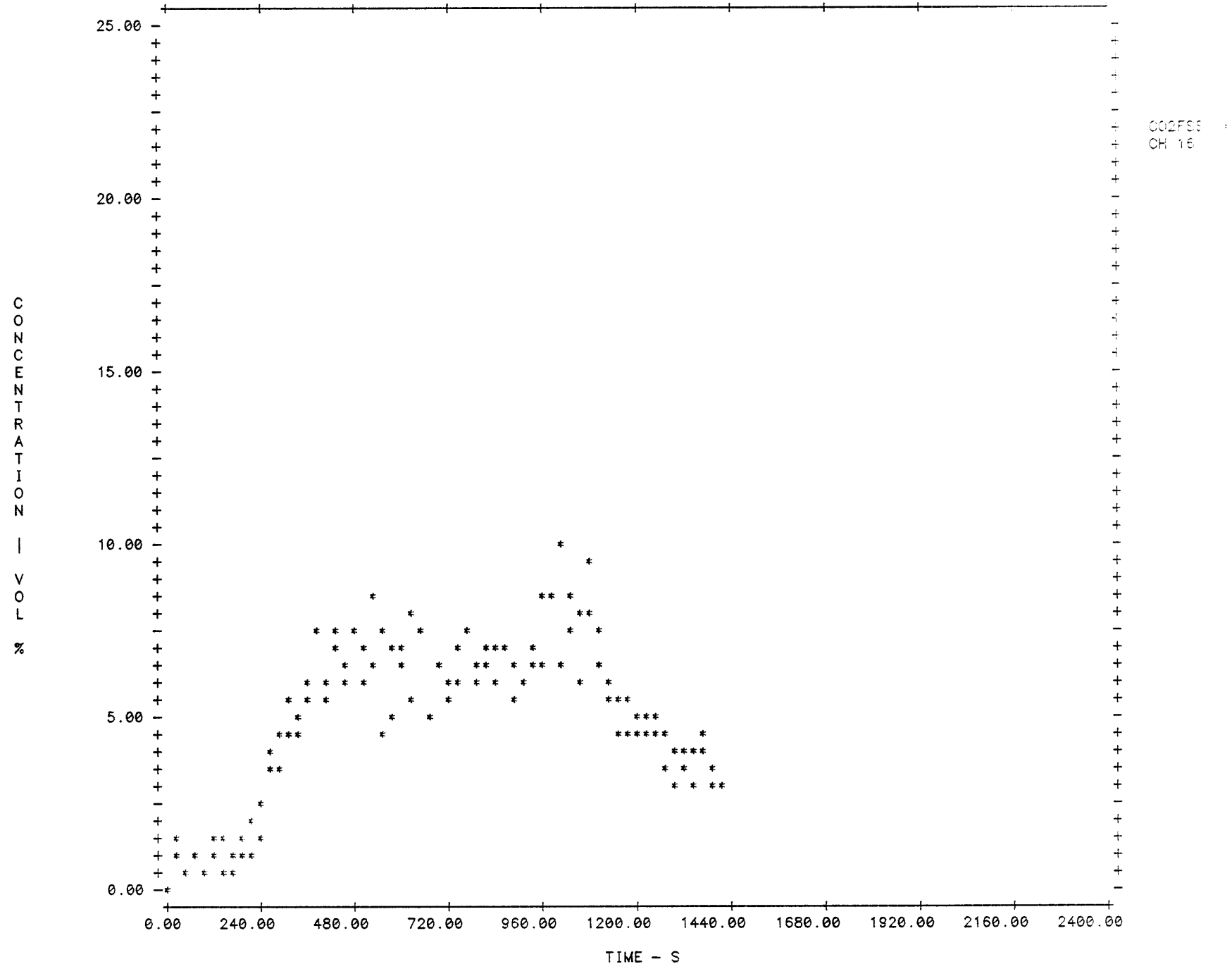
SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

CARBON MONOXIDE CONCENTRATION SOFFIT NEAR STAIRS 0.15 M UP FLOOR



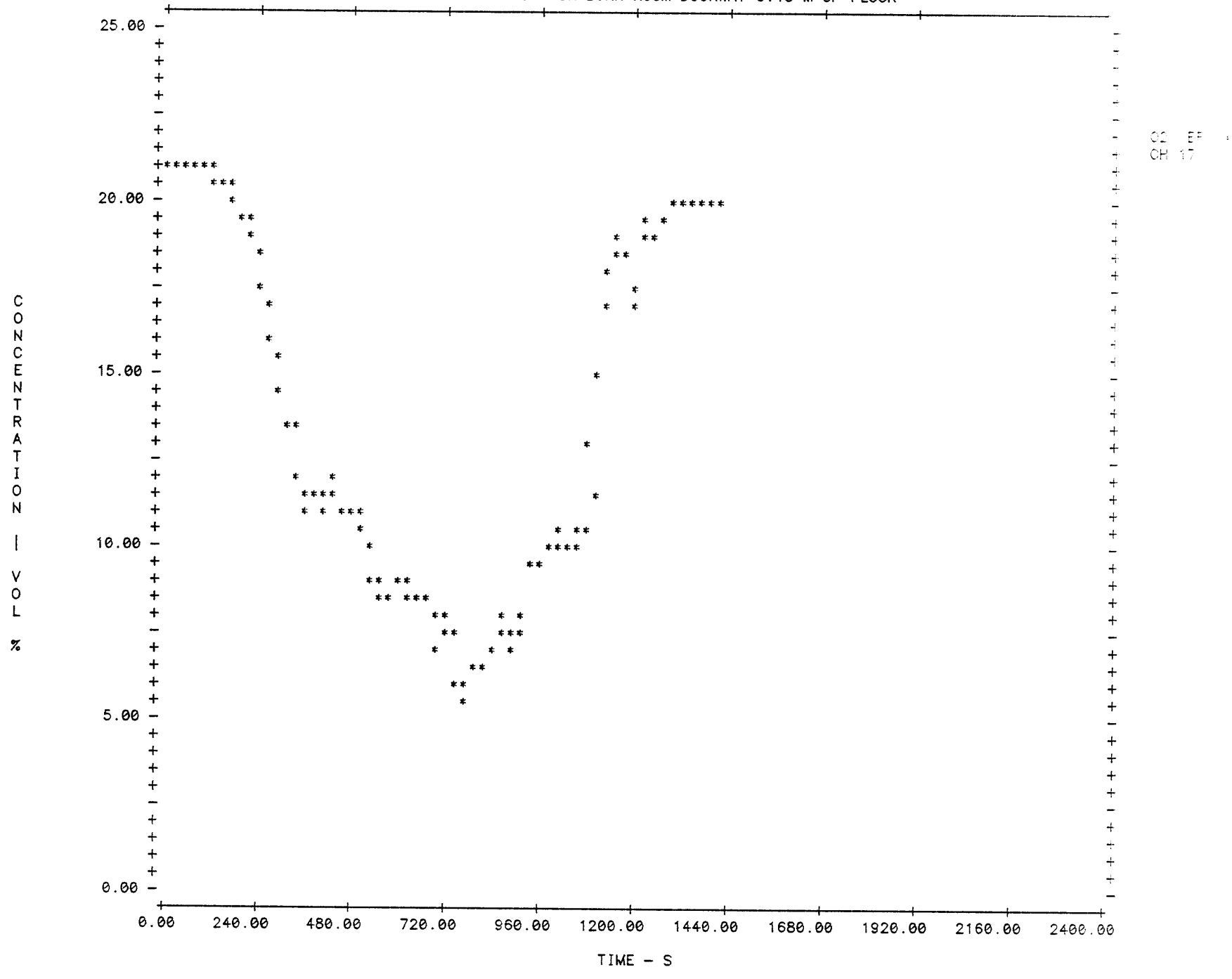
SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

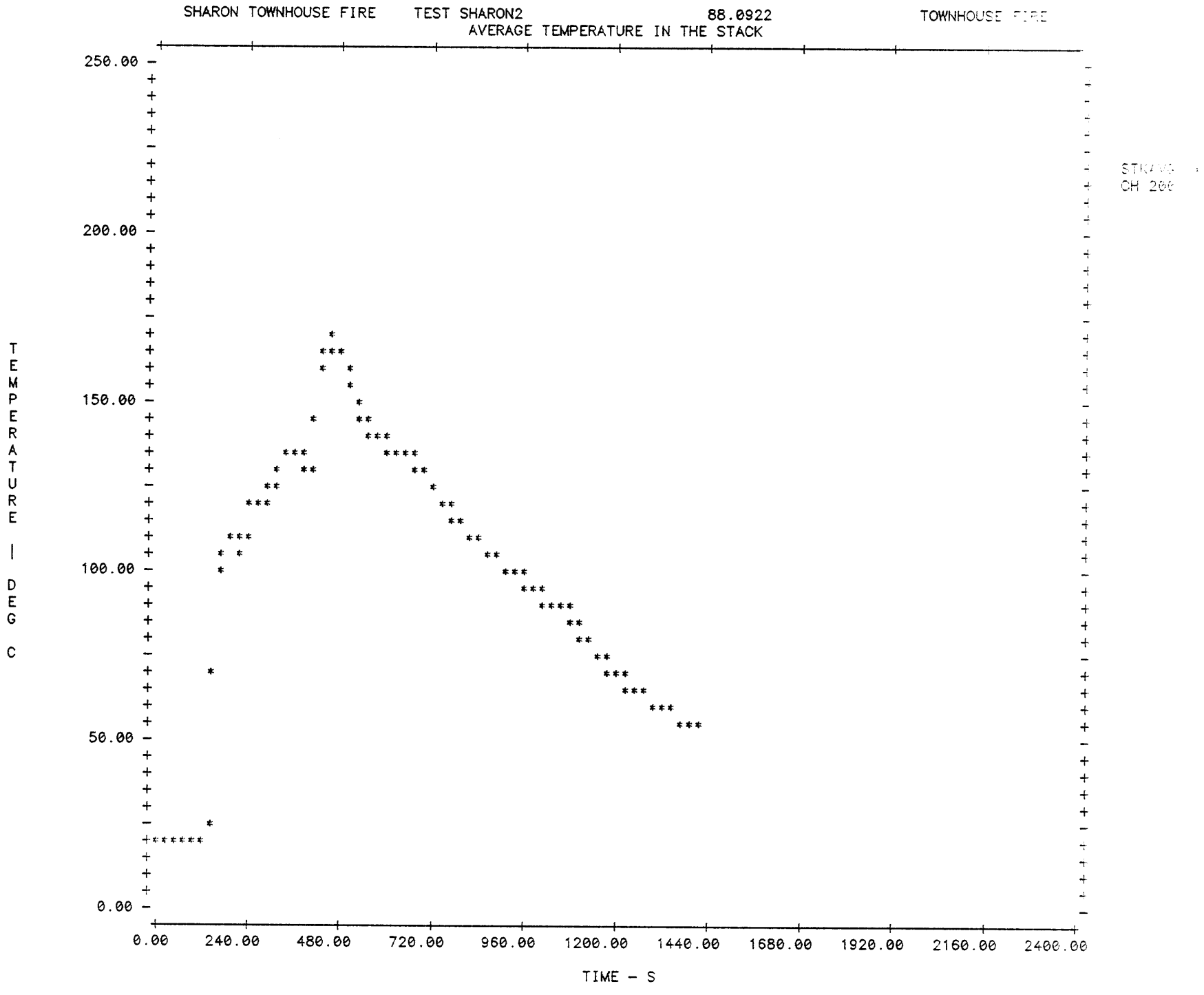
CARBON DIOXIDE CONCENTRATION SOFFIT NEAR STAIRS 0.15 M UP FLOOR



SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

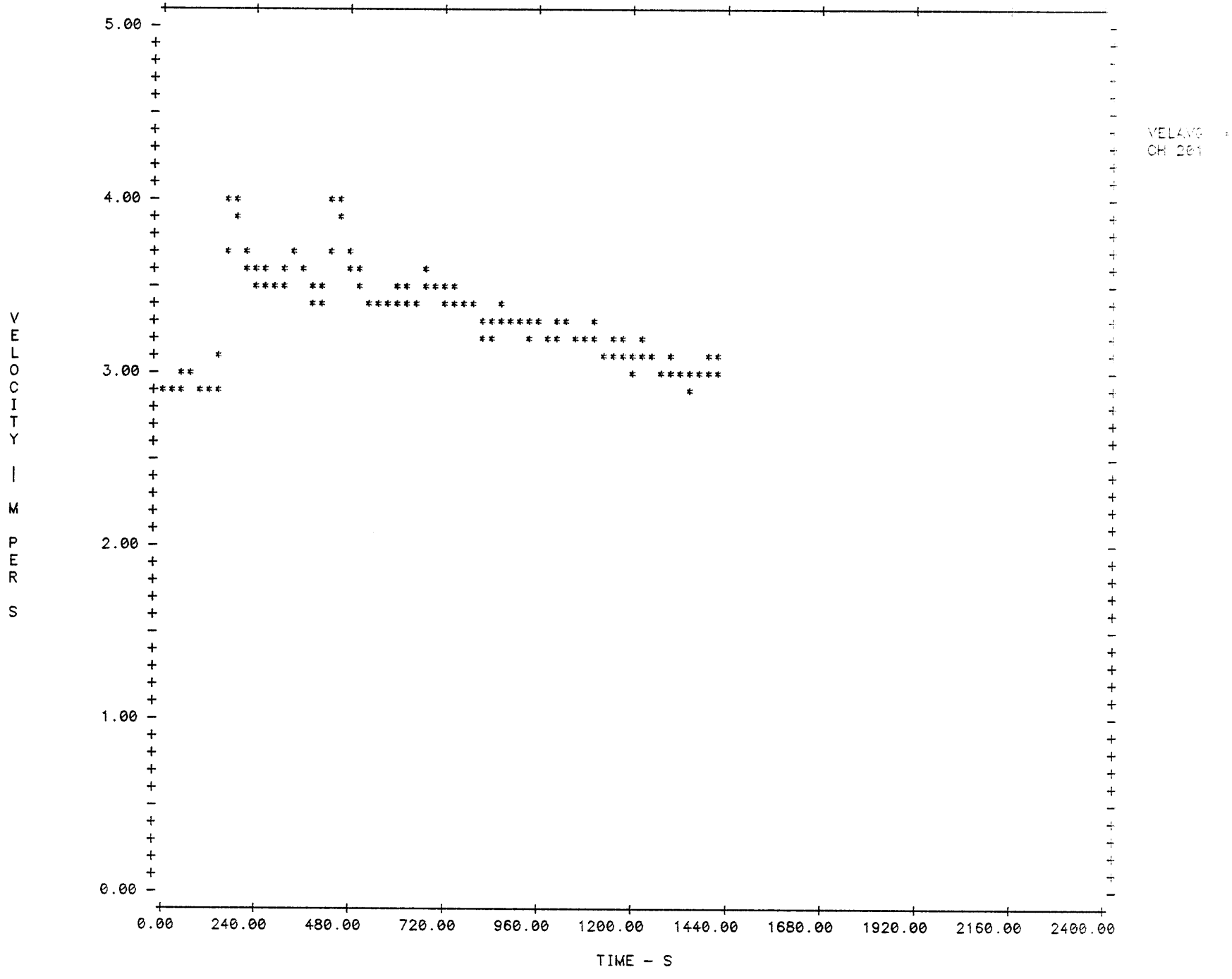
OXYGEN CONCENTRATION IN BURN ROOM DOORWAY 0.15 M UP FLOOR

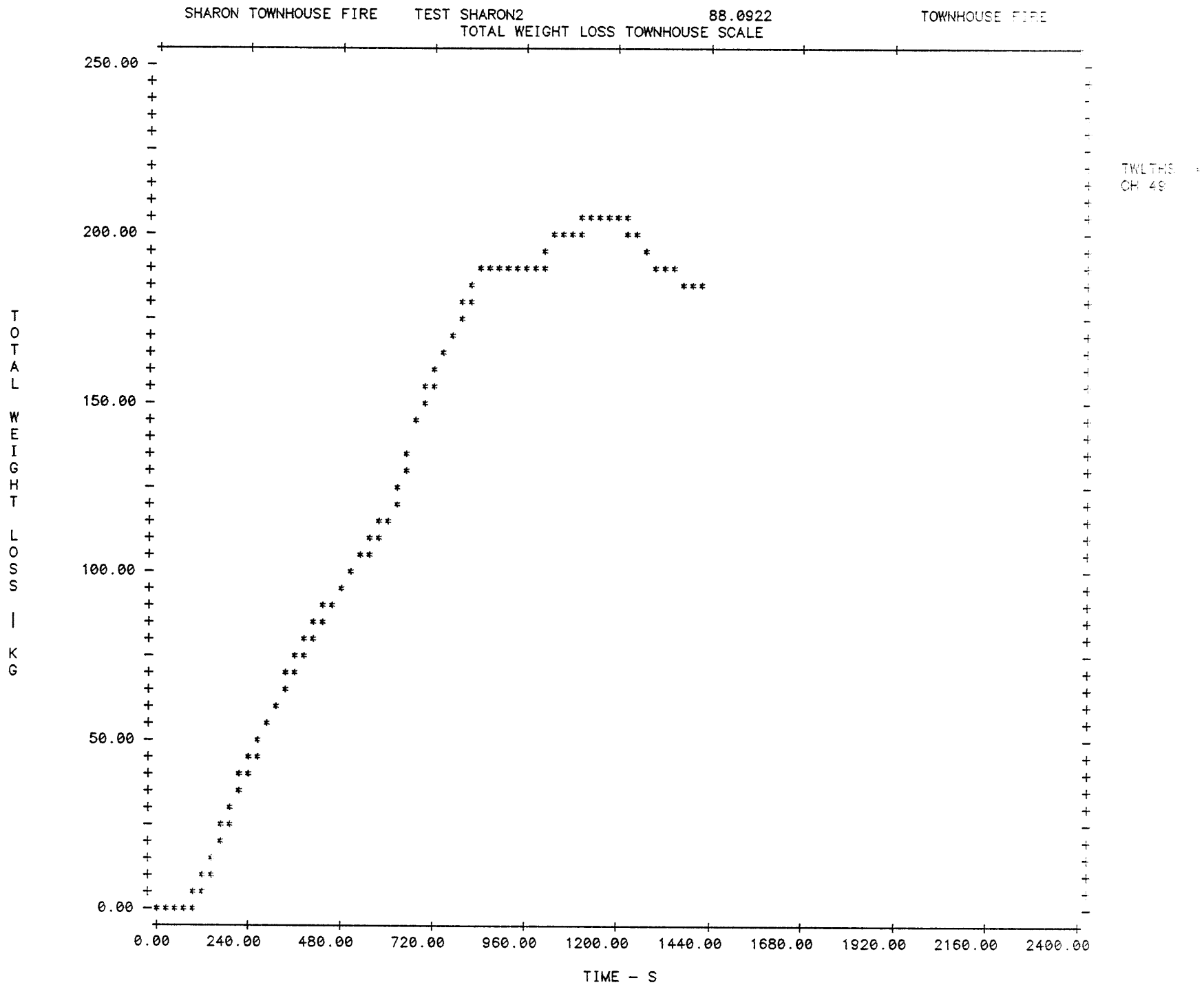


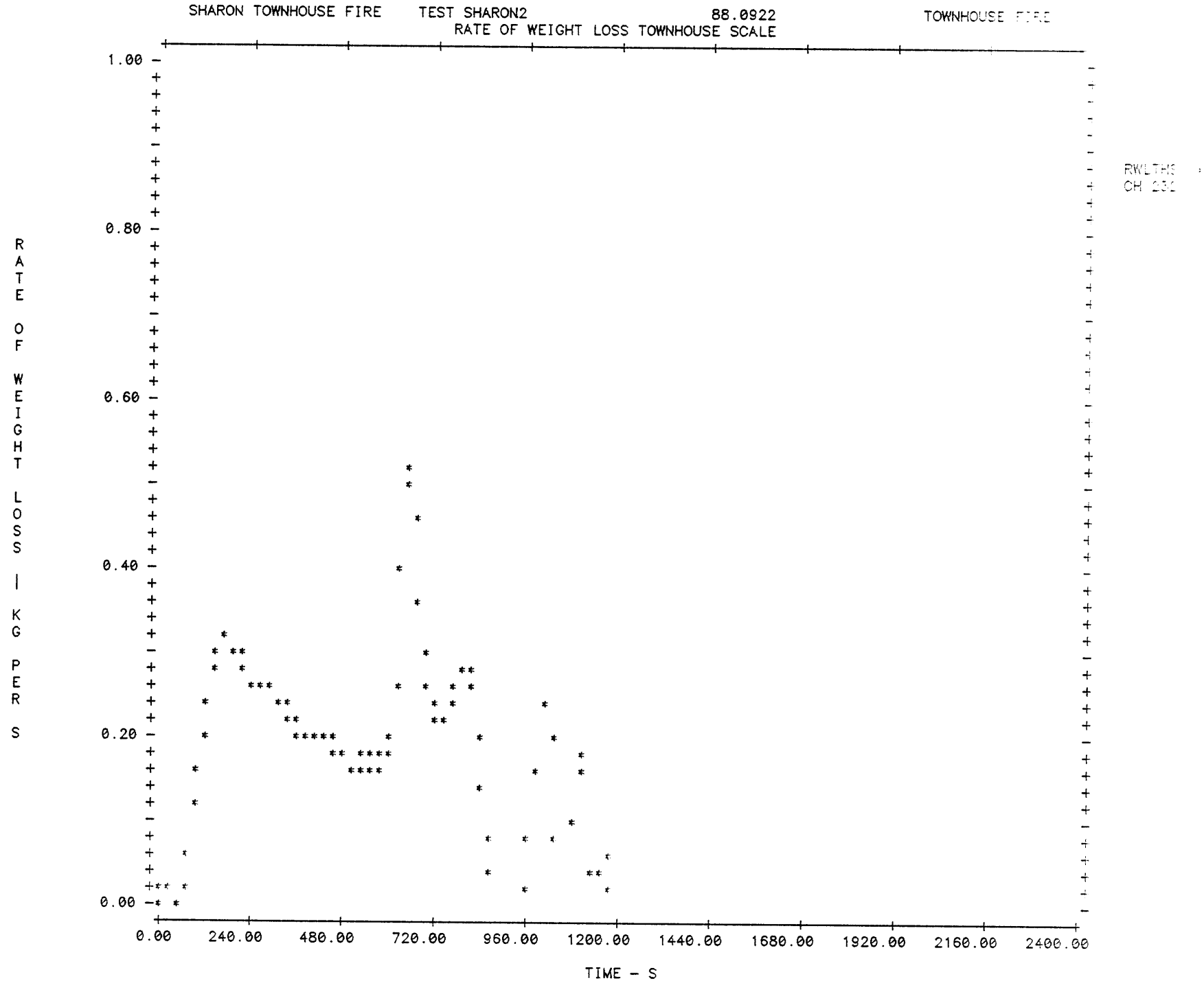

SHARON TOWNHOUSE FIRE
TEST SHARON2
88.0922
TOWNHOUSE FIRE
AVERAGE TEMPERATURE IN THE STACK
TEMPERATURE | DEG C
250.00
200.00
150.00
100.00
50.00
0.00
0.00
240.00
480.00
720.00
960.00
1200.00
1440.00
1680.00
1920.00
2160.00
2400.00
TIME - S

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

AVERAGE GAS VELOCITY THROUGH THE STACK

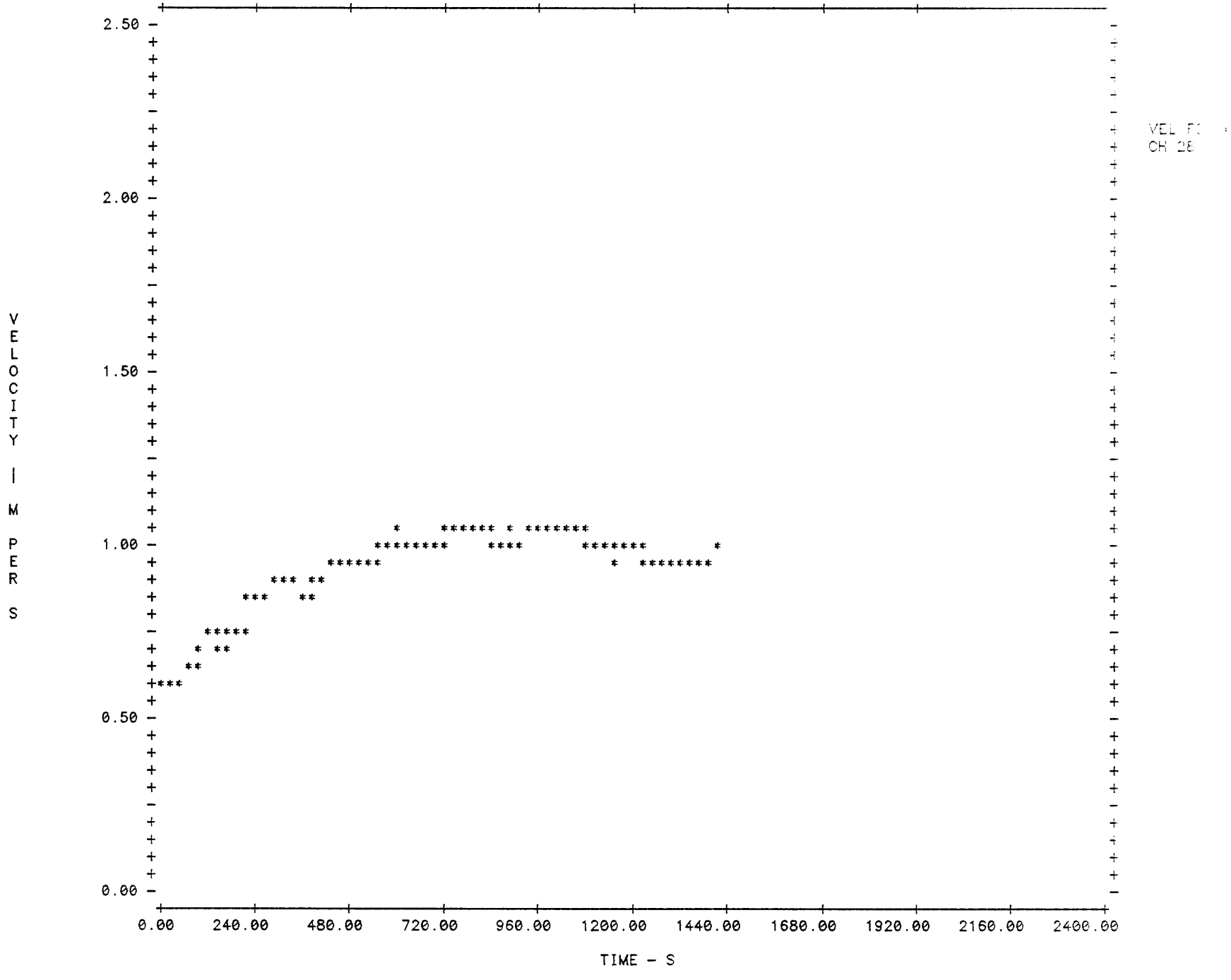



SHARON TOWNHOUSE FIRE
TEST SHARON2
88.0922
TOWNHOUSE FIRE
TOTAL WEIGHT LOSS TOWNHOUSE SCALE
TWLTHS
CH 49
TOTAL WEIGHT LOSS | KG
250.00
200.00
150.00
100.00
50.00
0.00
0.00
240.00
480.00
720.00
960.00
1200.00
1440.00
1680.00
1920.00
2160.00
2400.00
TIME - S


SHARON TOWNHOUSE FIRE
TEST SHARON2
88.0922
RATE OF WEIGHT LOSS TOWNHOUSE SCALE
TOWNHOUSE FIRE
RATE OF WEIGHT LOSS | KG PER S
1.00
0.80
0.60
0.40
0.20
0.00
0.00
240.00
480.00
720.00
960.00
1200.00
1440.00
1680.00
1920.00
2160.00
2400.00
TIME - S

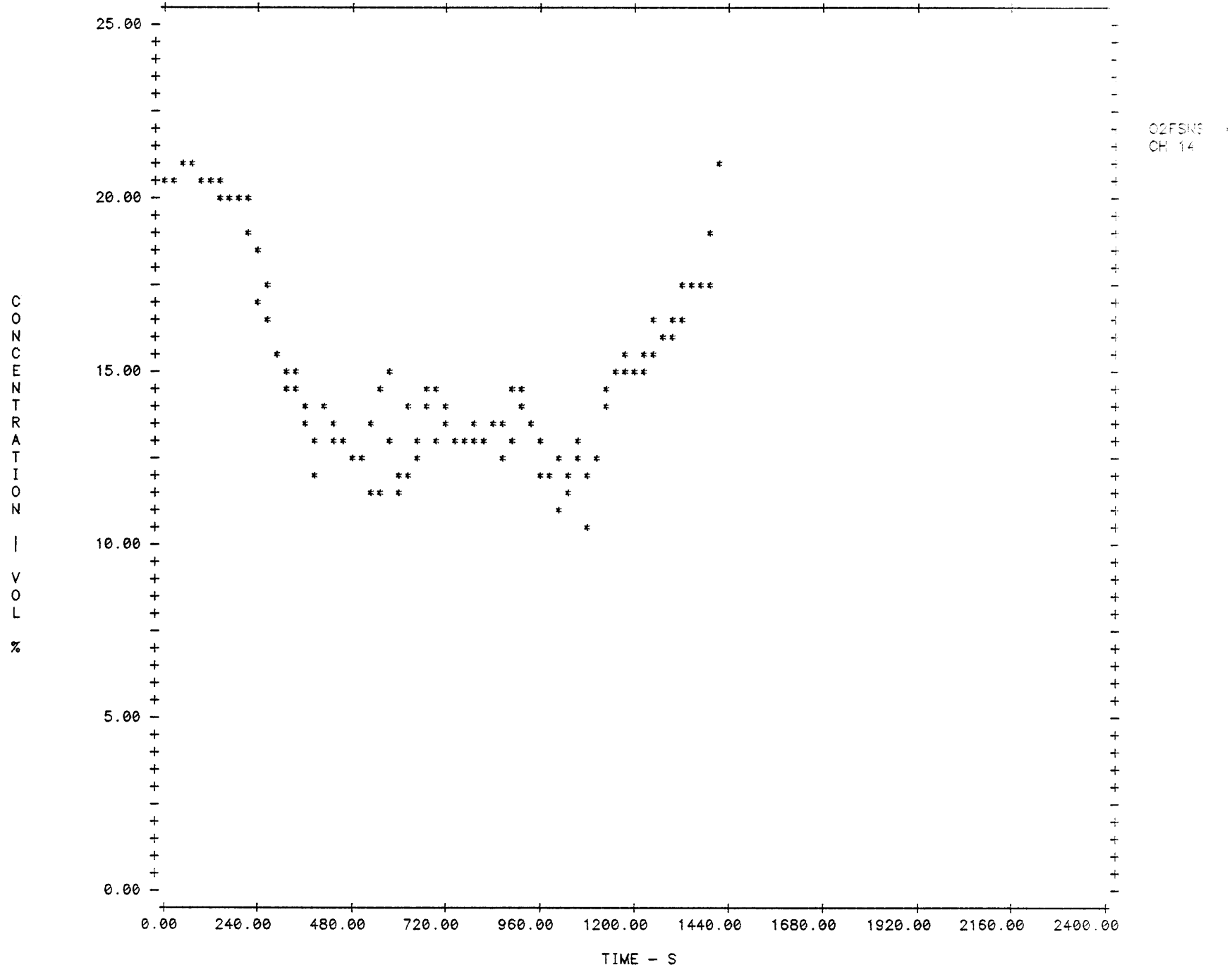
SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

GAS VELOCITY THROUGH PIPE



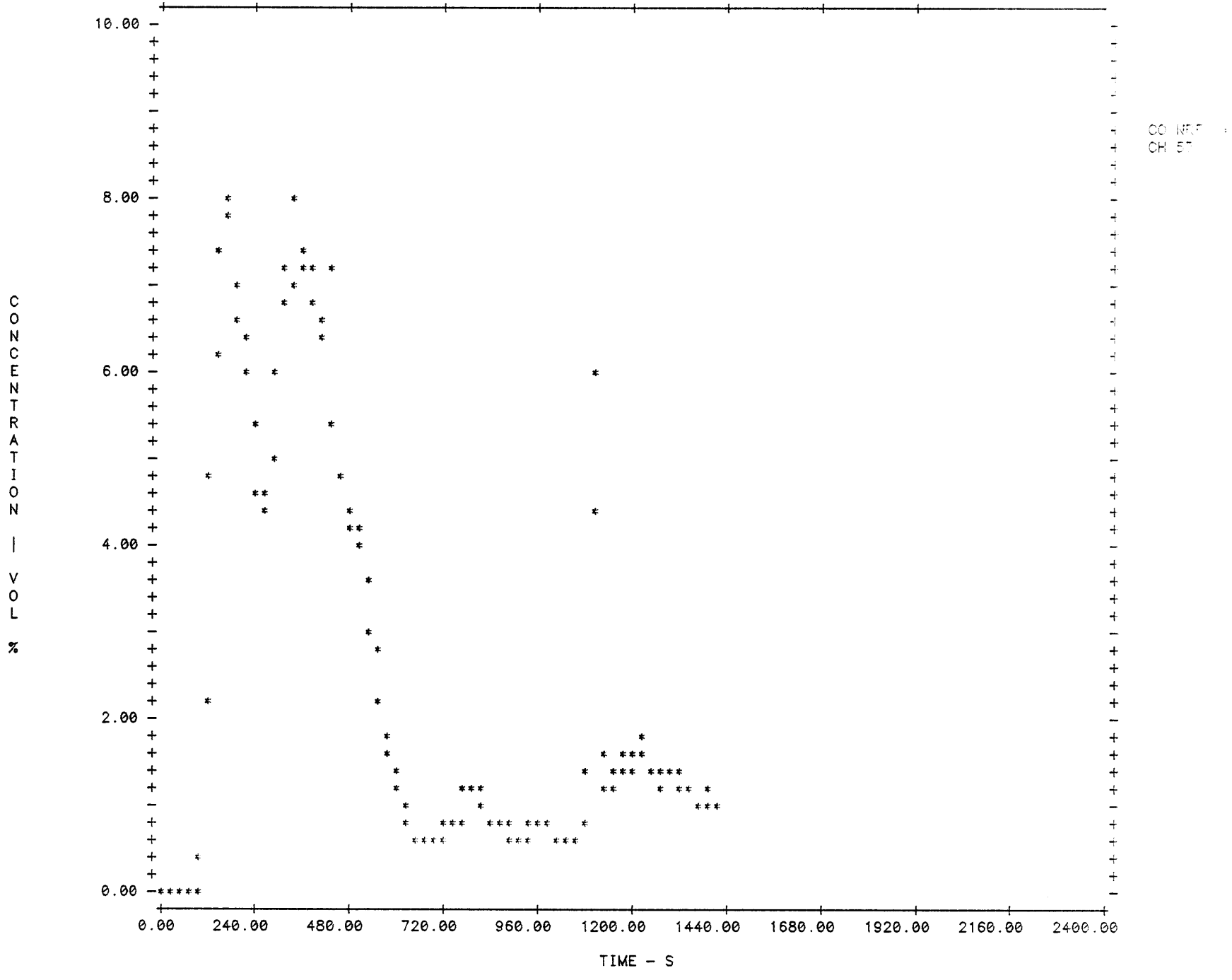
SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

OXYGEN CONCENTRATION SOFFIT NEAR STAIRS 0.15 M UP FLOOR



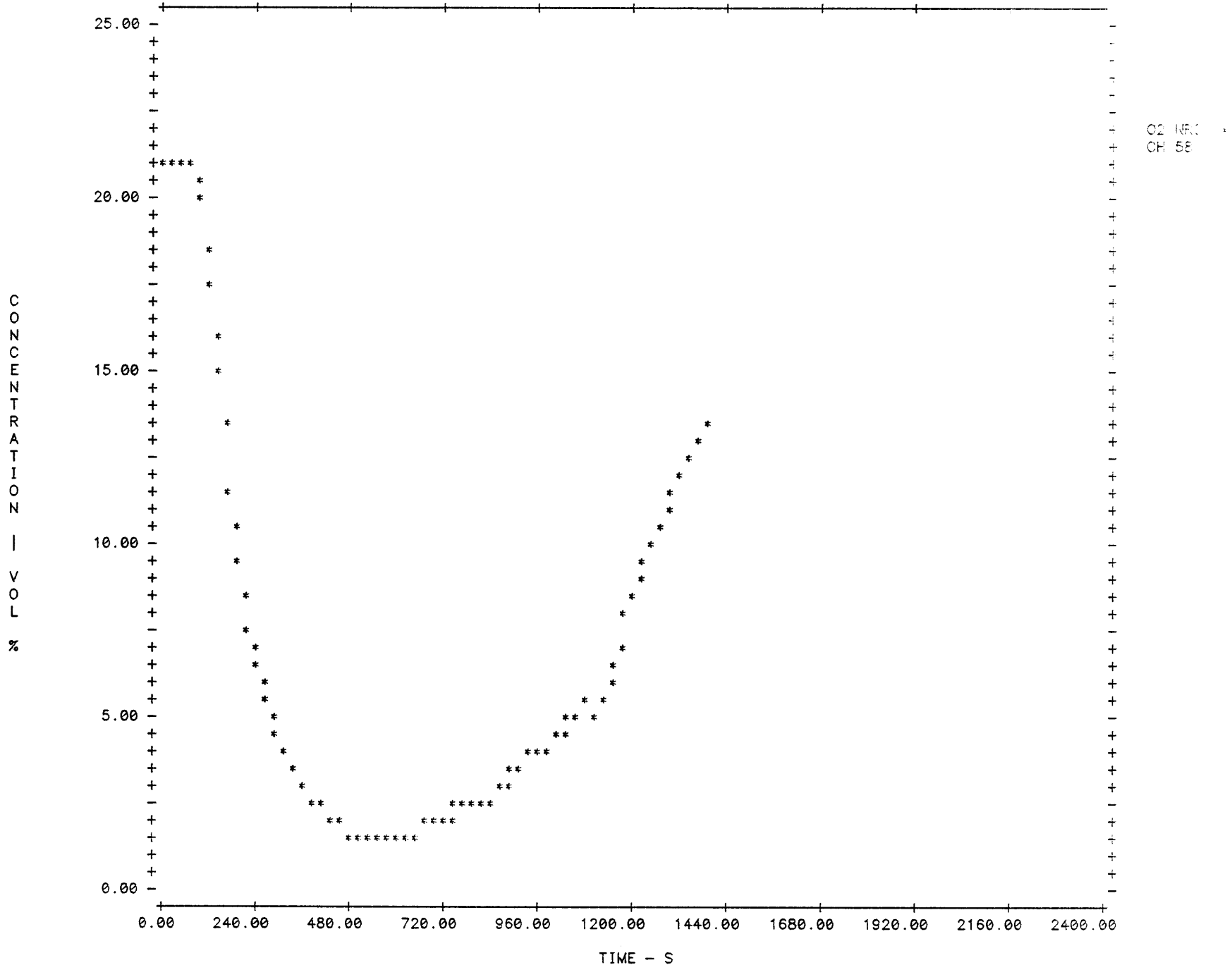
SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

CARBON MONOXIDE CONCENTRATION SOFFIT 0.30 M DOWN STAIRS



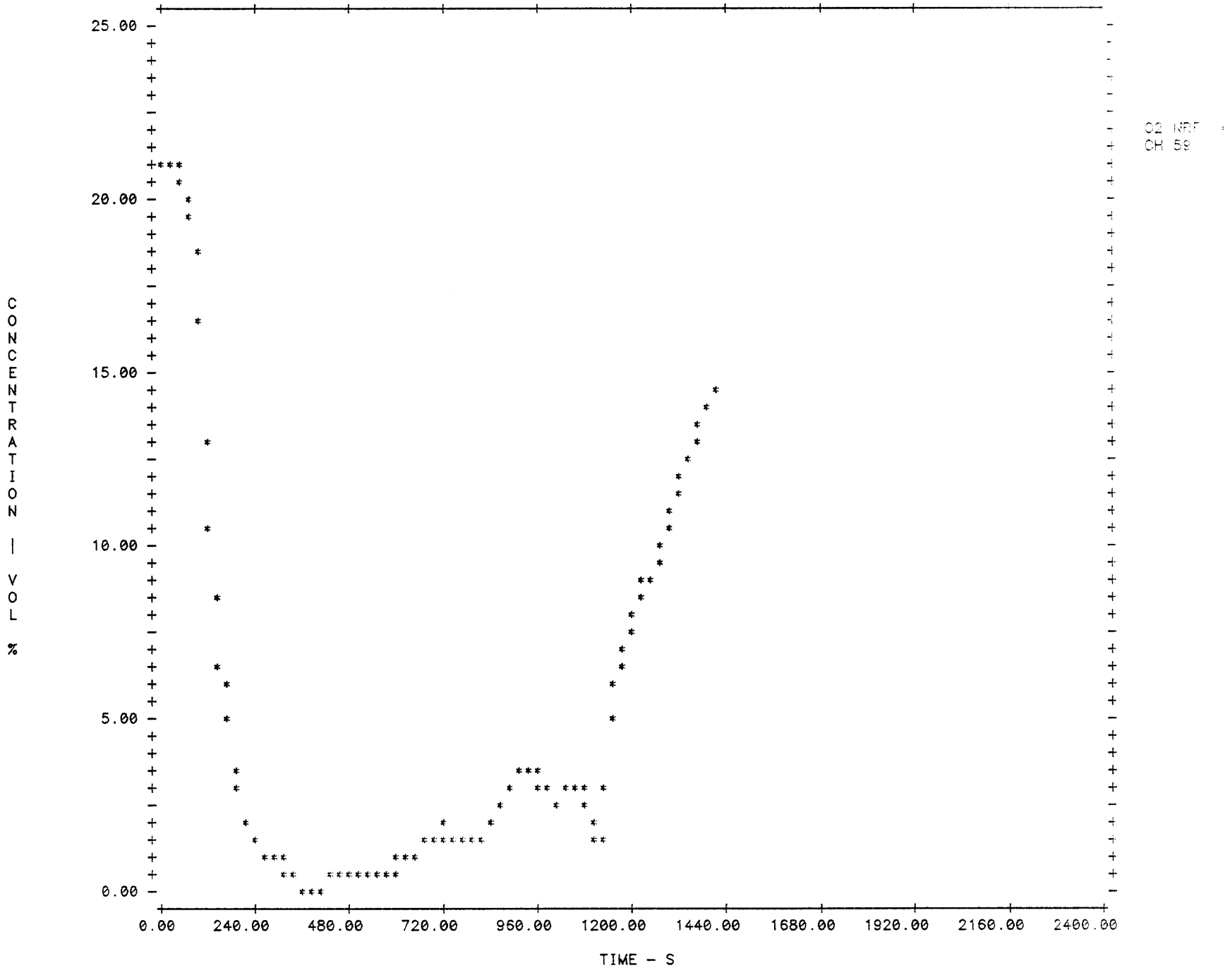
SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

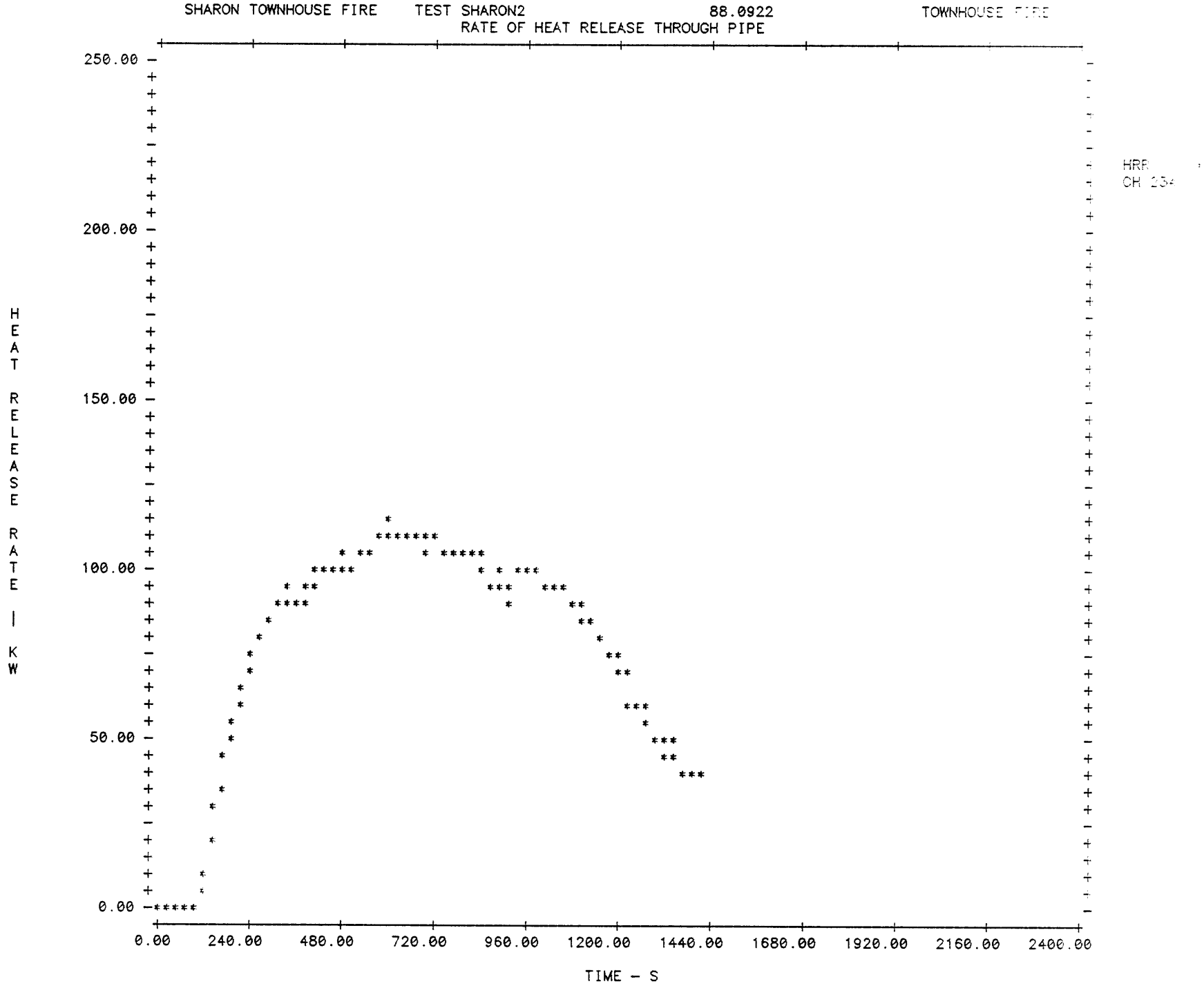
OXYGEN CONCENTRATION NORTH ROOM 0.30 M FROM CEILING

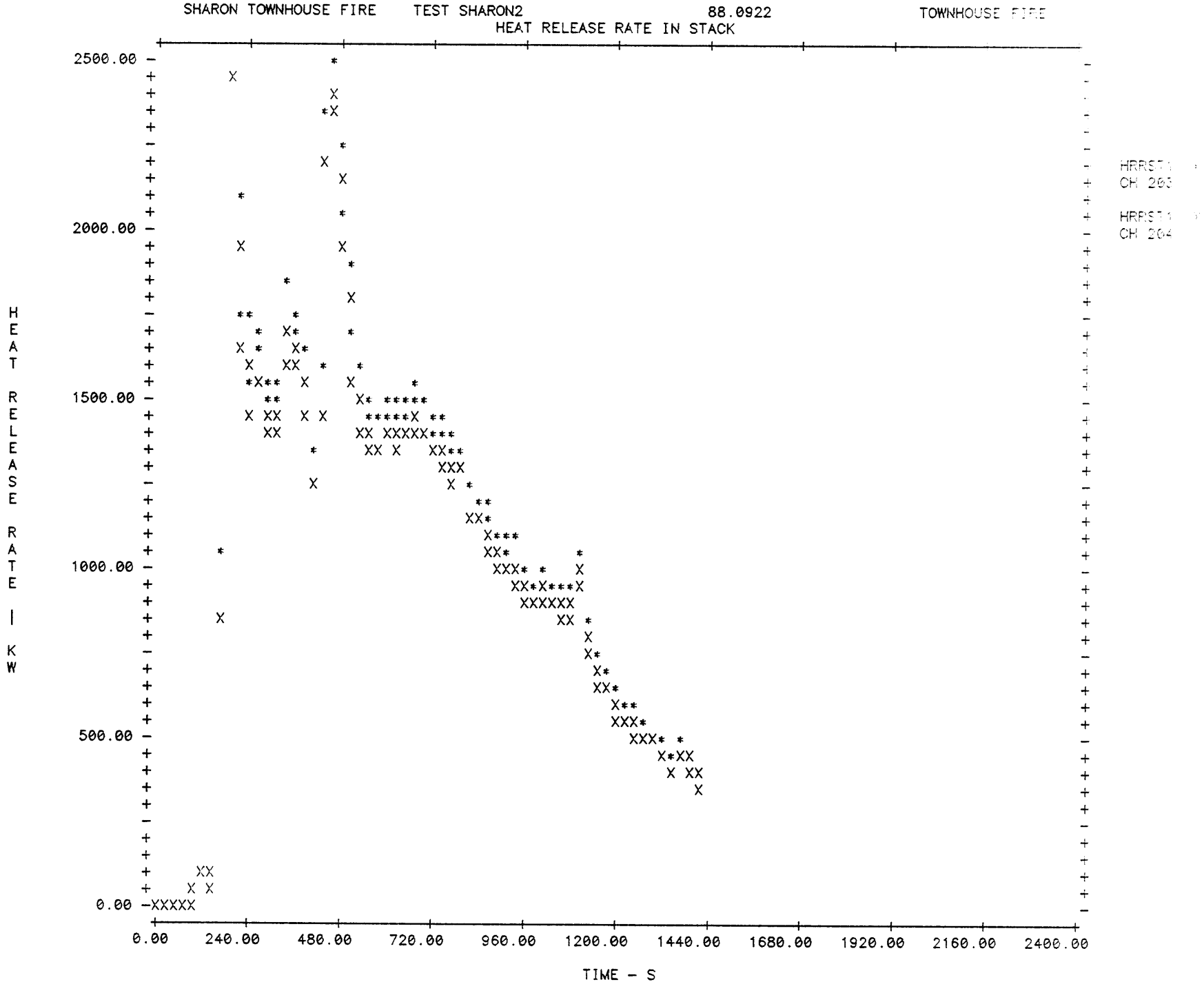


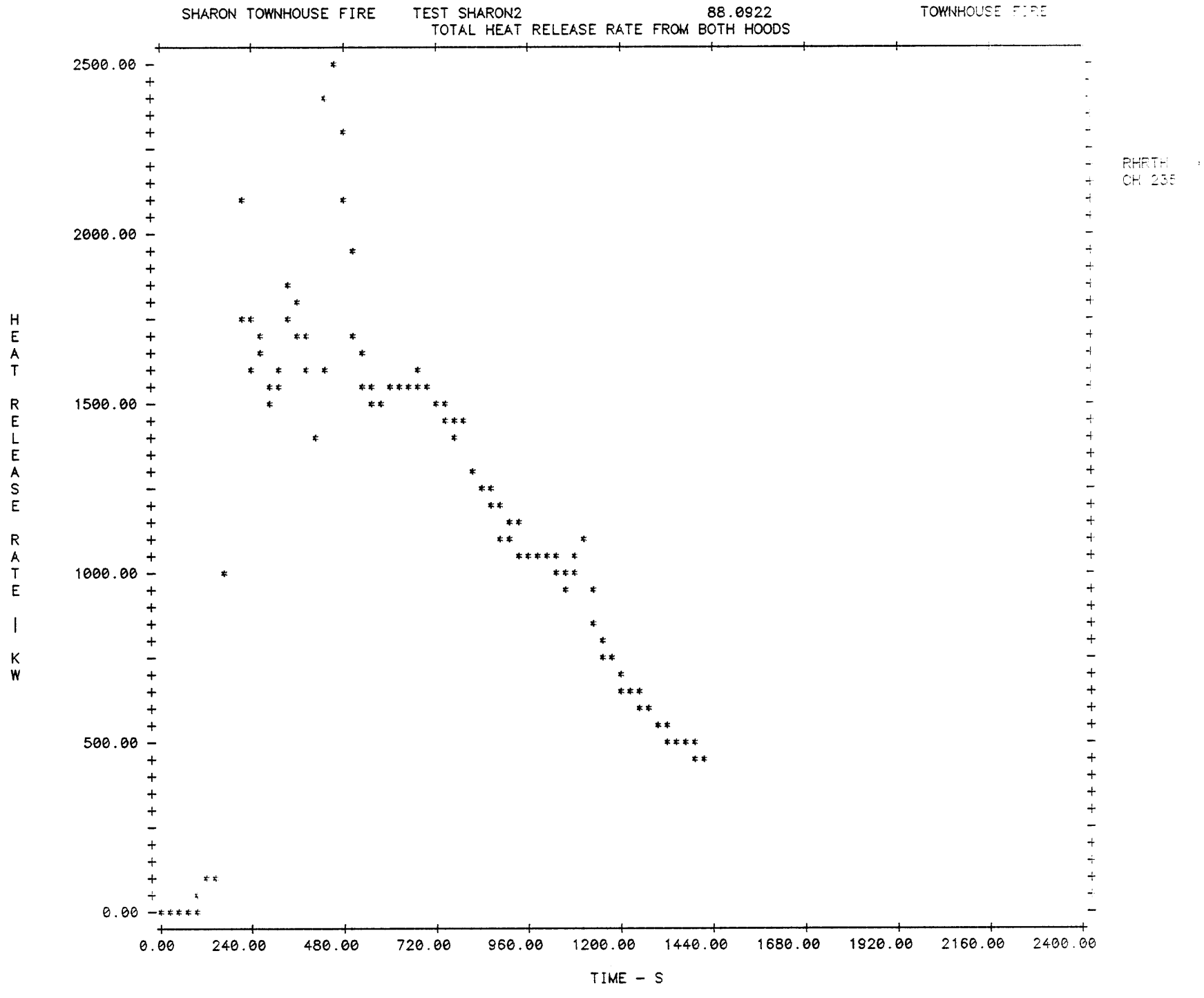
SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

OXYGEN CONCENTRATION SOFFIT 0.30 M DOWN STAIRS




SHARON TOWNHOUSE FIRE
TEST SHARON2
88.0922
TOWNHOUSE FIRE
RATE OF HEAT RELEASE THROUGH PIPE
HEAT RELEASE RATE | KW
250.00
200.00
150.00
100.00
50.00
0.00
0.00
240.00
480.00
720.00
960.00
1200.00
1440.00
1680.00
1920.00
2160.00
2400.00
TIME - S
HRR
CH 234

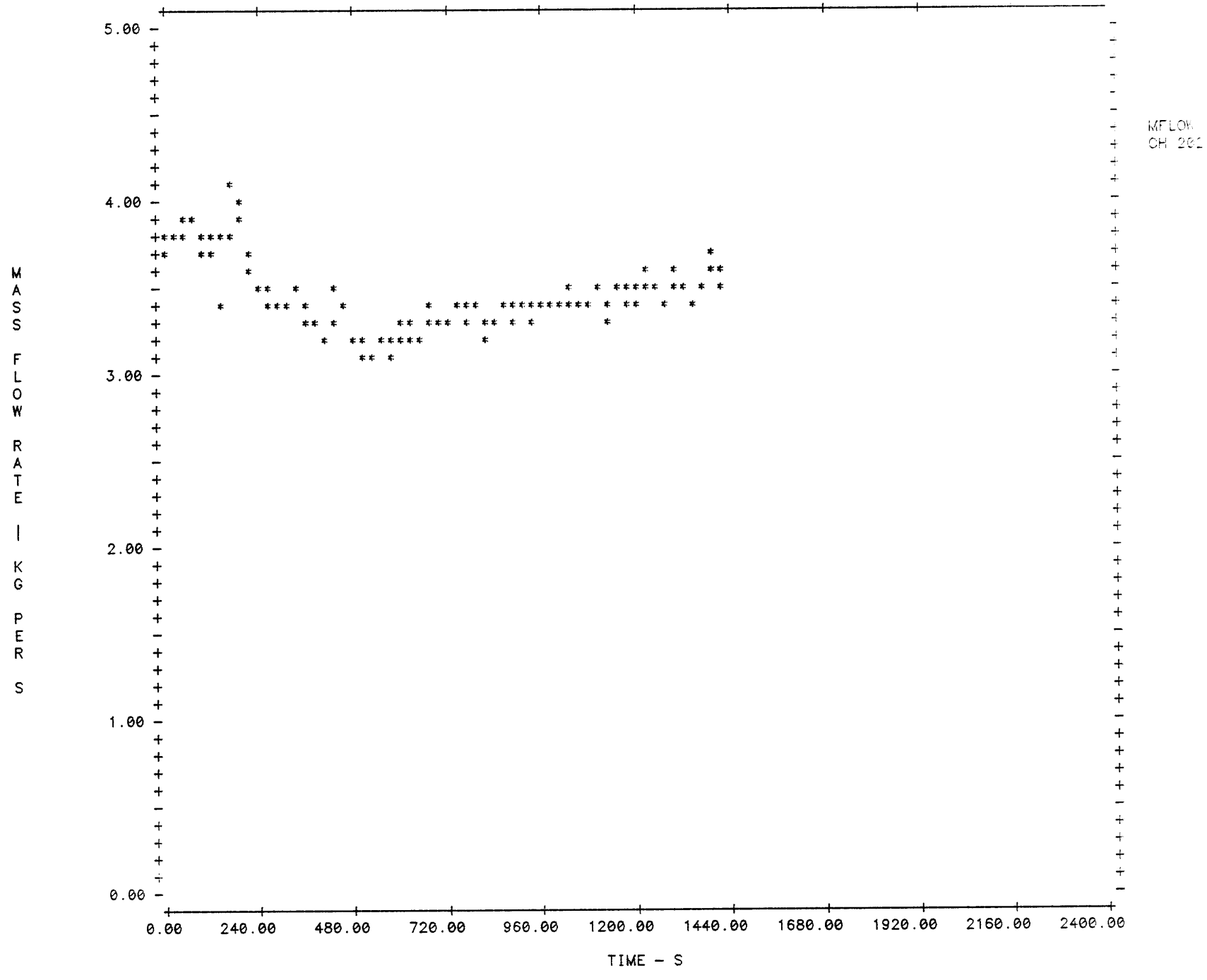

SHARON TOWNHOUSE FIRE
TEST SHARON2
88.0922
TOWNHOUSE FIRE
HEAT RELEASE RATE IN STACK
HEAT RELEASE RATE | KW
2500.00
2000.00
1500.00
1000.00
500.00
0.00
0.00
240.00
480.00
720.00
960.00
1200.00
1440.00
1680.00
1920.00
2160.00
2400.00
TIME - S
HRRST1
CH 203
HRRST1
CH 204

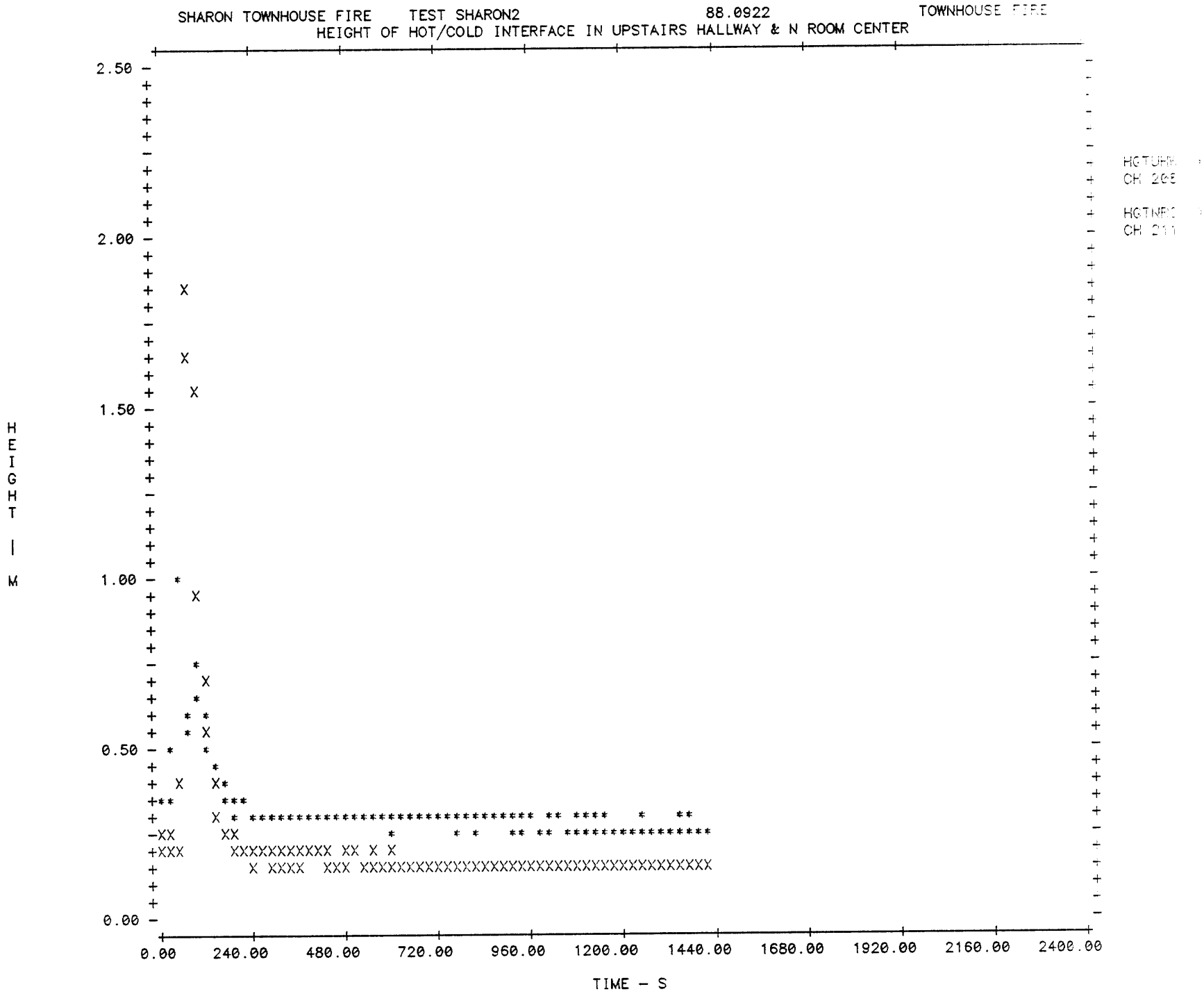

SHARON TOWNHOUSE FIRE
TEST SHARON2
88.0922
TOWNHOUSE FIRE
TOTAL HEAT RELEASE RATE FROM BOTH HOODS
HEAT RELEASE RATE | KW
2500.00
2000.00
1500.00
1000.00
500.00
0.00
0.00
240.00
480.00
720.00
960.00
1200.00
1440.00
1680.00
1920.00
2160.00
2400.00
TIME - S
RHRTH
CH 235

RAPID VERSION: 2.2 (88.1025) (400,400) END OF DATA SET

SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

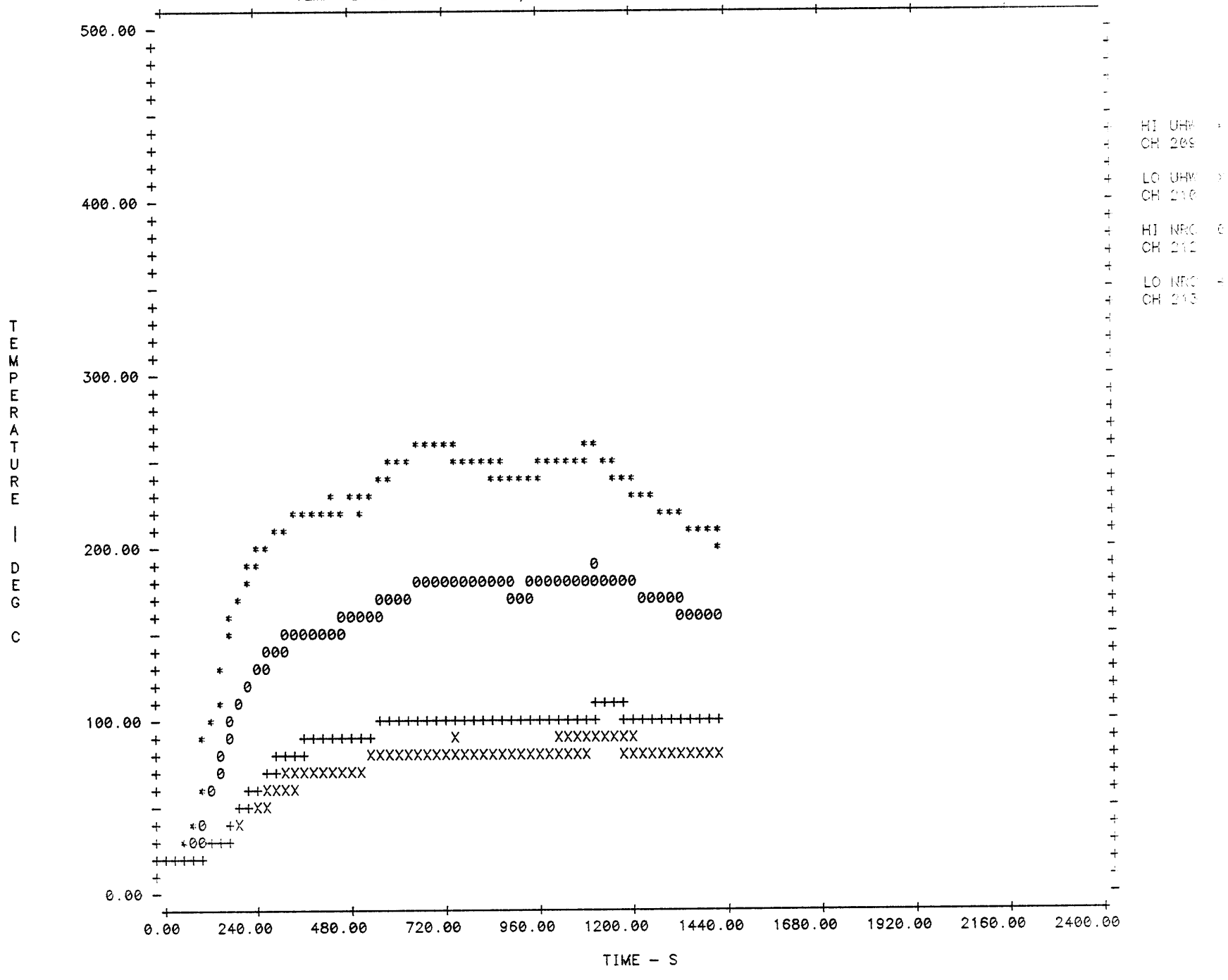
MASS FLOW RATE OF GASES THROUGH STACK




SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE
HEIGHT OF HOT/COLD INTERFACE IN UPSTAIRS HALLWAY & N ROOM CENTER
HEIGHT | M
2.50
2.00
1.50
1.00
0.50
0.00
0.00
240.00
480.00
720.00
960.00
1200.00
1440.00
1680.00
1920.00
2160.00
2400.00
TIME - S

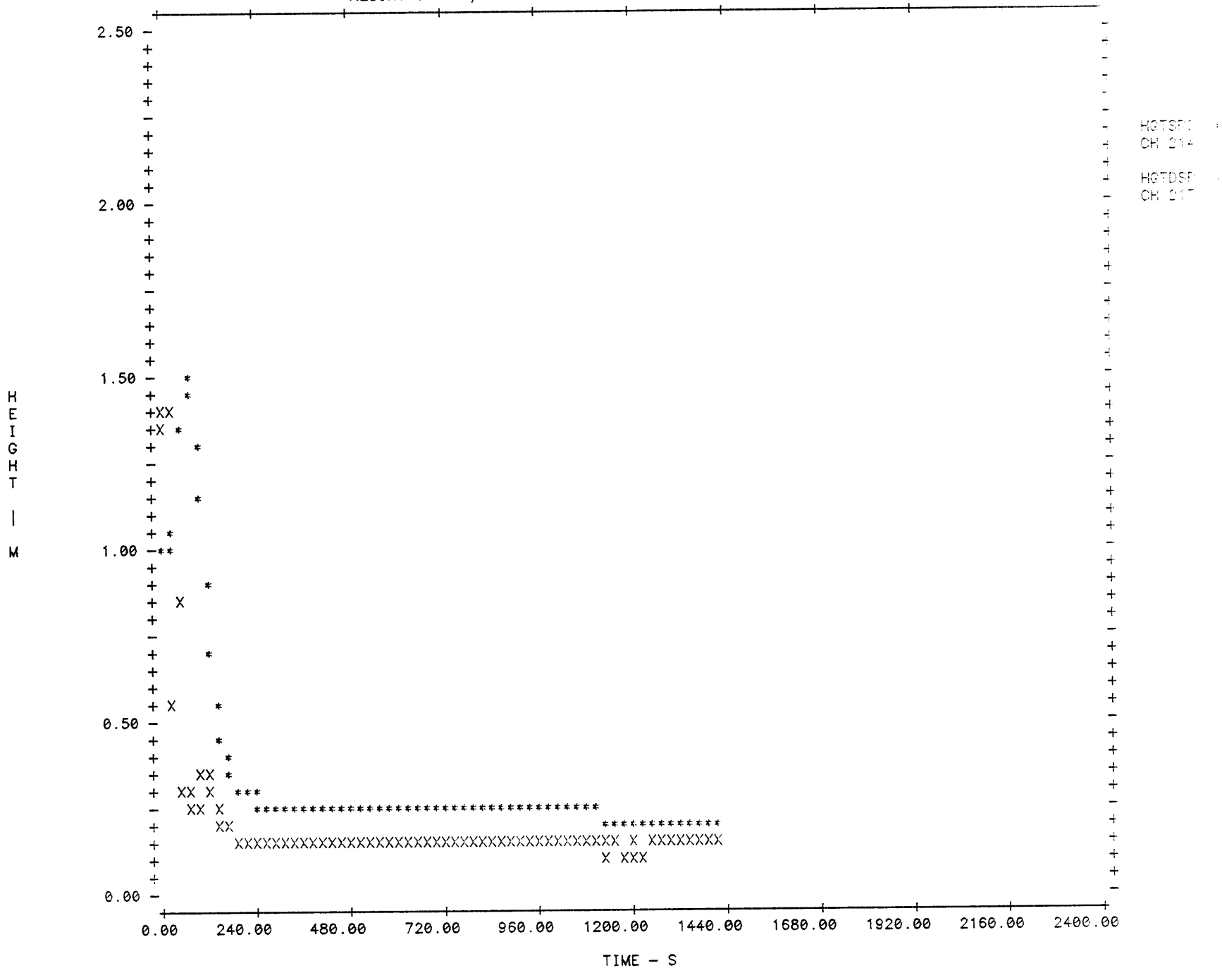
SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

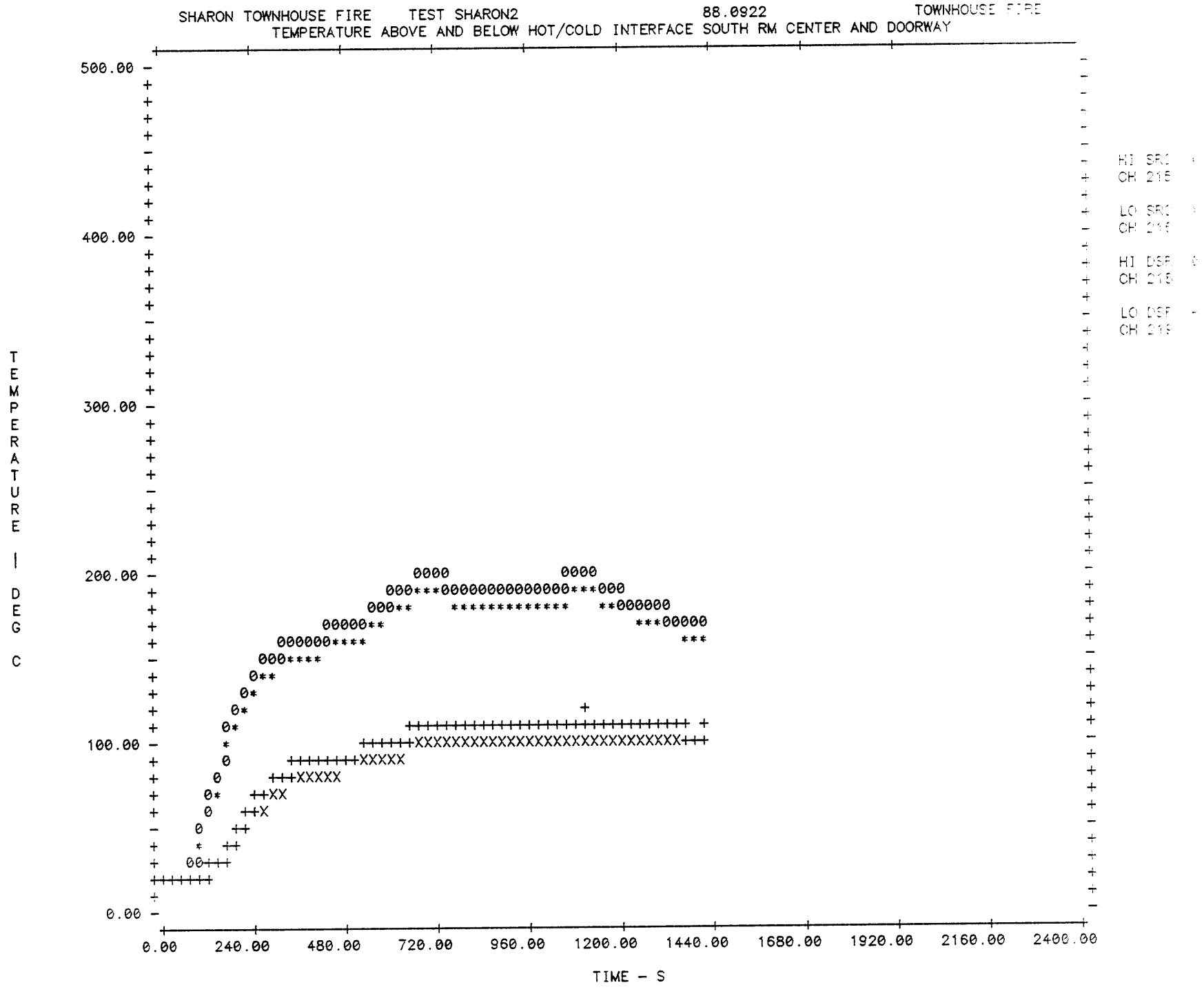
TEMP ABOVE AND BELOW HOT/COLD INTERFACE UPSTAIRS HALLWAY & N RM CENTER



SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

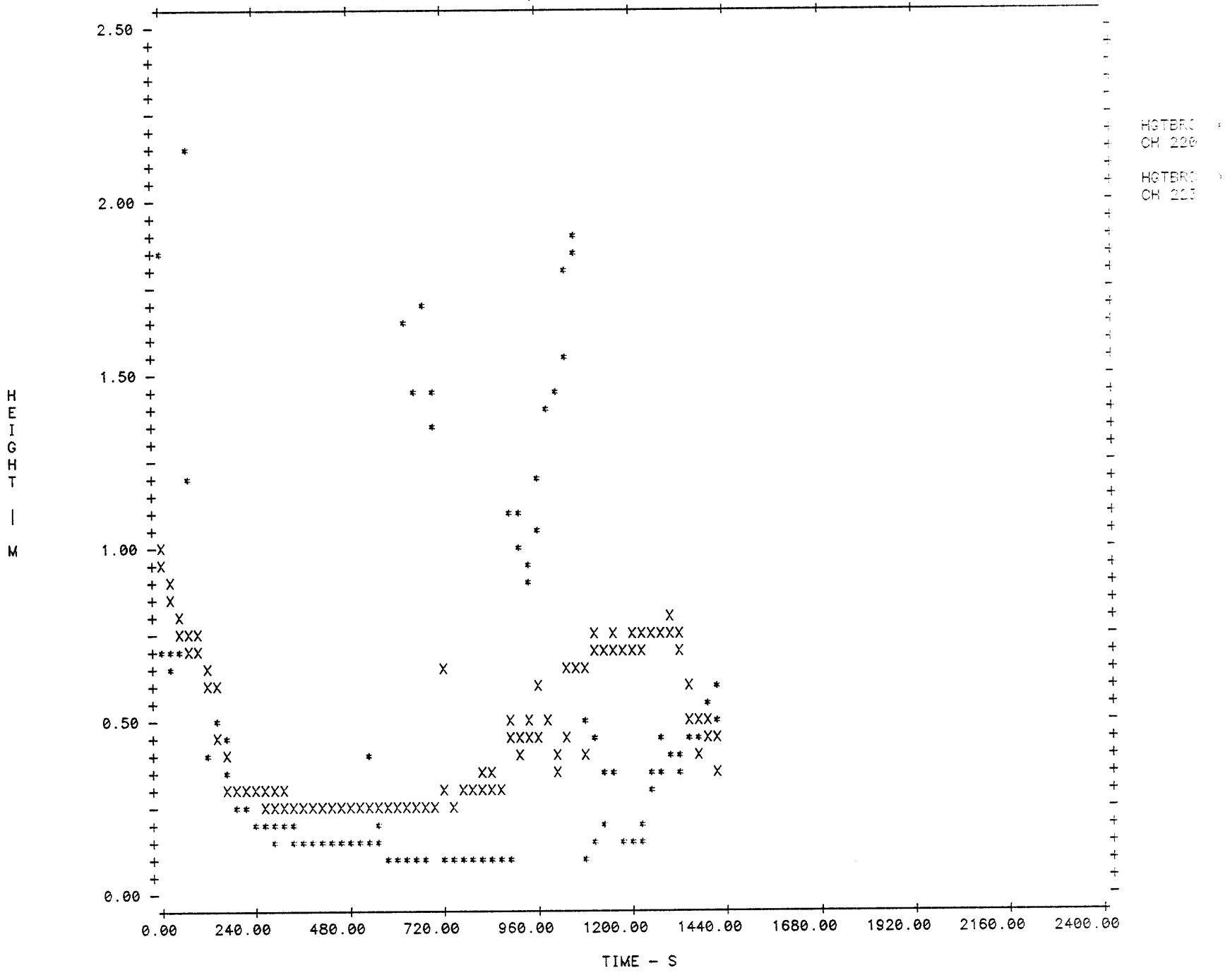
HEIGHT OF HOT/COLD INTERFACE SOUTH ROOM CENTER AND DOORWAY




SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE
TEMPERATURE ABOVE AND BELOW HOT/COLD INTERFACE SOUTH RM CENTER AND DOORWAY
TEMPERATURE | DEG C
500.00
400.00
300.00
200.00
100.00
0.00
0.00
240.00
480.00
720.00
960.00
1200.00
1440.00
1680.00
1920.00
2160.00
2400.00
TIME - S
HI SRC
CH 215
LO SRC
CH 216
HI DSP
CH 218
LO DSP
CH 219

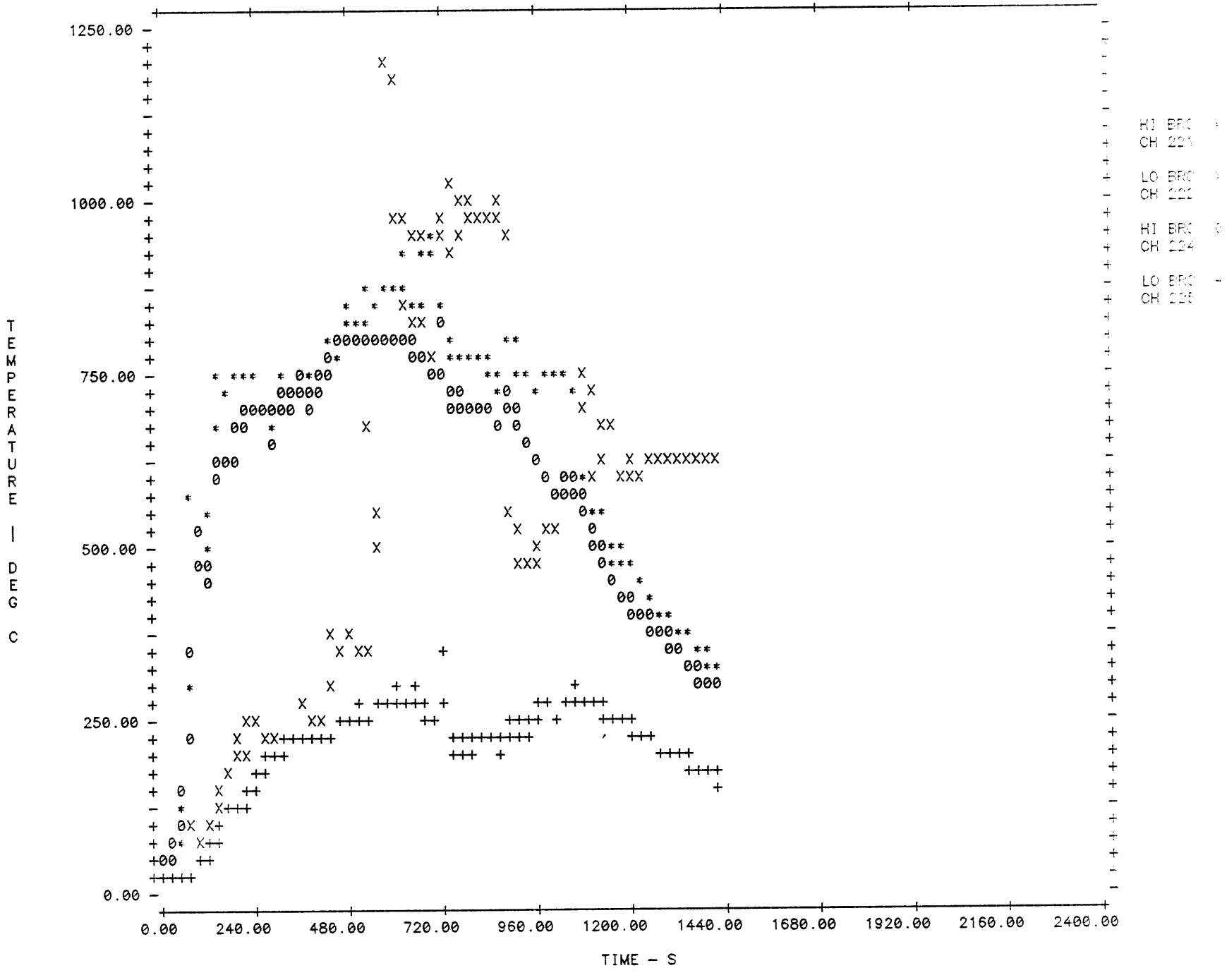
SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

HEIGHT OF HOT/COLD INTERFACE BURN ROOM CENTER



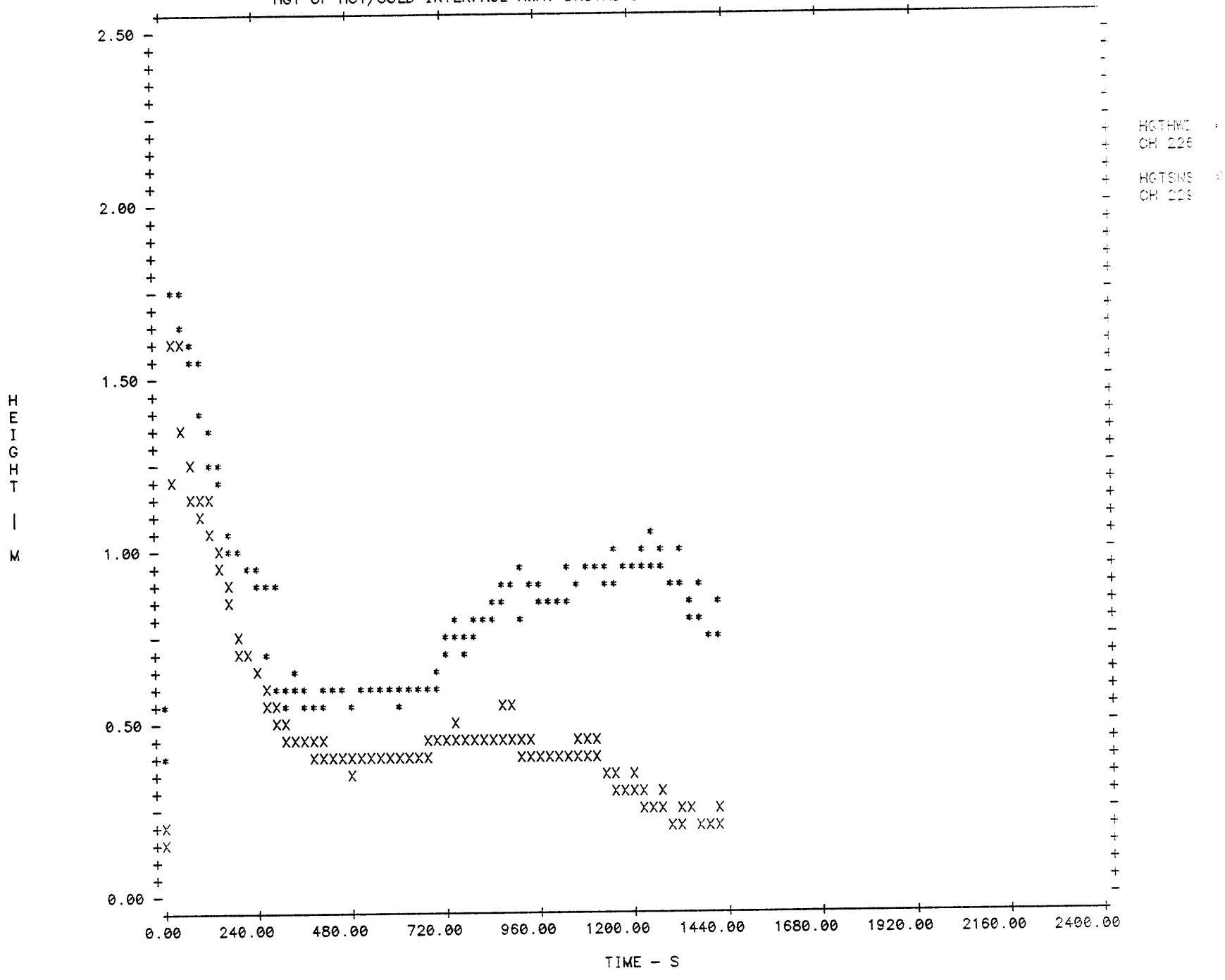
SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

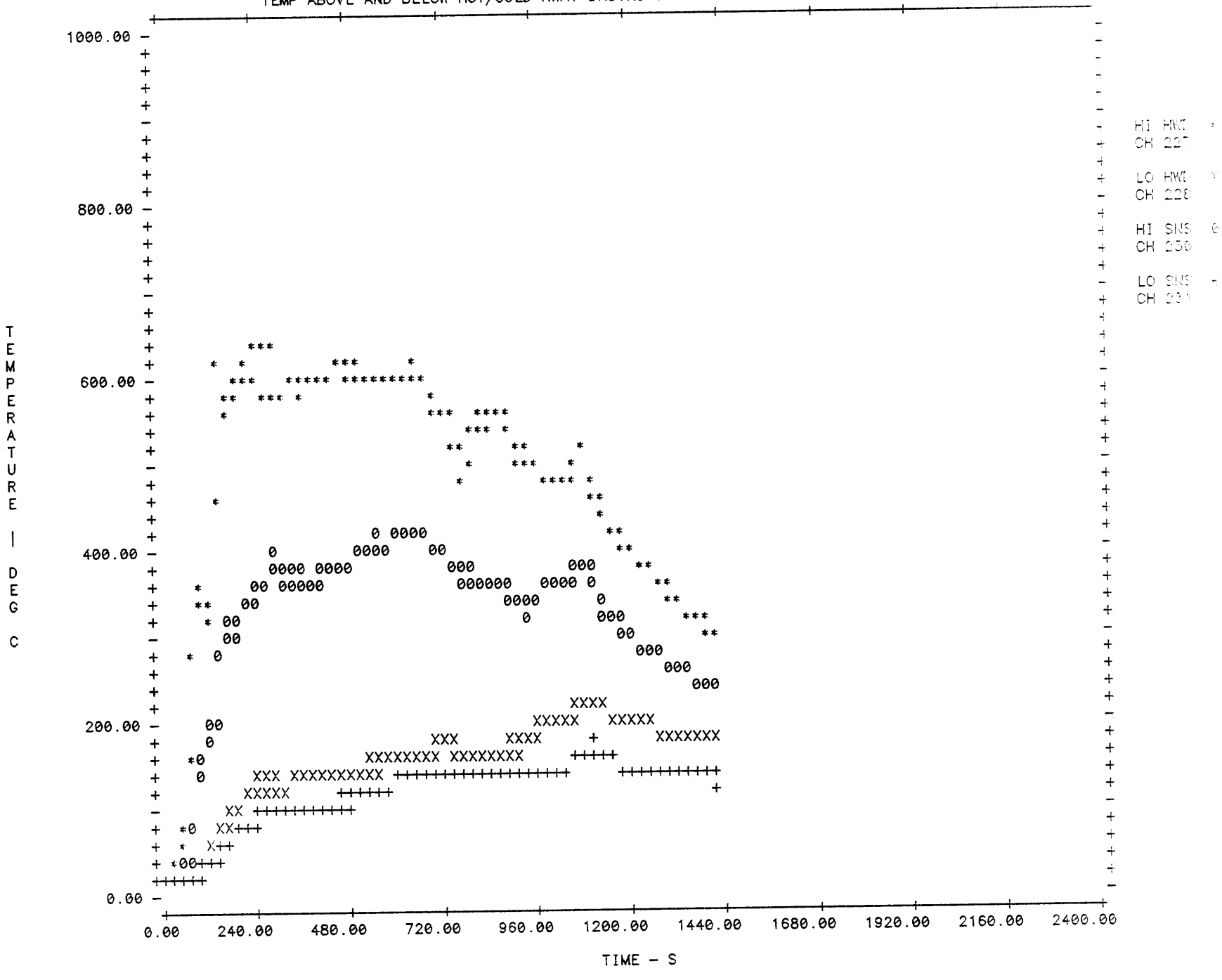
TEMPERATURE ABOVE AND BELOW HOT/COLD INTERFACE BURN ROOM CENTER



SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

HGT OF HOT/COLD INTERFACE HWAY DNSTAIRS OUTSIDE BRM AND SOFFIT NEAR STAIRS



SHARON TOWNHOUSE FIRE TEST SHARON2 88.0922 TOWNHOUSE FIRE

TEMP ABOVE AND BELOW HOT/COLD HWAY DNSTRS OUTSIDE BRM AND SOFFIT NEAR STAIRS