

AEROSOL DATA - CHAMBER PC81 WOOD SMOKE CHARACTERIZ

TOTAL FILTER DATA

Note		
Date	04/14/2025	04/14/2025
Protocol	MASKON	MASKON
Subject Number	CAPR + Jacob	CAPR only
Filter location	PC81	PC81
VAPS - Start time	09:31	12:45
VAPS - Stop time	11:31	14:45
VAPS - Total time (min)	120	120
External - Start time	09:31	12:45
External - Stop time	11:31	14:45
External - Total time (min)	120	120
Chamber Pressure (mm Hg)	747.3	745.6
Chamber Temperature (C)	22.0	22.0
Barometric Pressure (mm Hg)	747.3	745.6

Summary of PC81 Data

Date	04/14/2025	04/14/2025
Start Time	09:31	12:45
Stop Time	11:31	14:45
Media ID	5523	5526
Coarse Teflo Mass Conc (ug/m3)	-3.65	-5.74
Teflo Mass Conc. (ug/m^3)	428.23	828.10
Teflo Mass Conc. (ug/m^3)	432.78	863.89
Average Teflo Conc. (ug/m^3)	430.51	845.99
Percent Difference Teflo	1.06	4.23
Ave. Teflo/Coarse Teflo		
TEOM Temperatures (C)	30.00	30.00
TEOM (ug/m^3)	520.86	1016.00
Chamber DustTrak(ug/m3)	1837.23	3481.74
Chamber CPC (#/cc)	51503.56	51263.59
Number Size (um)	0.13	0.16
Volume Size (um)	0.41	0.47
Sigma G	1.86	1.81
CO (ppm)	2.48	0.00
HC (ppm)	4.39	5.21
PC81DCTLF	39.85	34.57
Barometric Pressure (mmHg)	747.28	745.55
PC81 Temperature (deg C)	22.02	22.01
PC81 RH (%)	40.20	40.32
PLENNO	0.00	0.00
PLENNO2	0.00	0.00
PLENOZ	0.00	0.00
PLENSO2	0.00	0.00
TEOM/Total Filter	0.00	0.00
DustTrak/Total Filter	426.76	411.56
CPC/Total Filter	119.63	60.60
CO / Total Filter x 100	0.58	
HC / Total Filter x 100	173.58	88.13

AEROSOL DATA FORM

Date: 4/14/25 Protocol: CAPC Validation Subj. No: -Location: **Chamber PC81** Operator: M. Brooks Run No: -

VAPS Start Time		9:31		Operate VAPS with virtual impactor	
VAPS Stop Time		11:31			
Fine (3) (Teflo)		Coarse (1) (Teflo)		Fine (2) (Teflo/Nylasorb)	
Holder ID	DF3 581	Holder ID	DF1 934	Base Coat Date Long	
Media ID	5523	Media ID	5524	Base Holder ID	
Flow (lpm)		Flow (lpm)		Base Media ID	
		Filter Type		Acid Coat Date Short	
				Acid Holder ID	
				Acid Media ID	
				Holder ID	DF2 32
				Teflon Media ID	5525
				Nylon Media ID	
				Flow (lpm)	
Dry Gas Meter (m ³)					
End Reading	72.4322	End Reading	72.1526	End Reading	178.1535
Start Reading	70.5674	Start Reading	71.8963	Start Reading	176.2877
Chamber					
				BP (mm Hg)	
				PC81TMP	
				PC81CCON	
				PC81TEOM	
				PC81MCON	
				PC81RH	
				PC81CO	
				PC81HC	

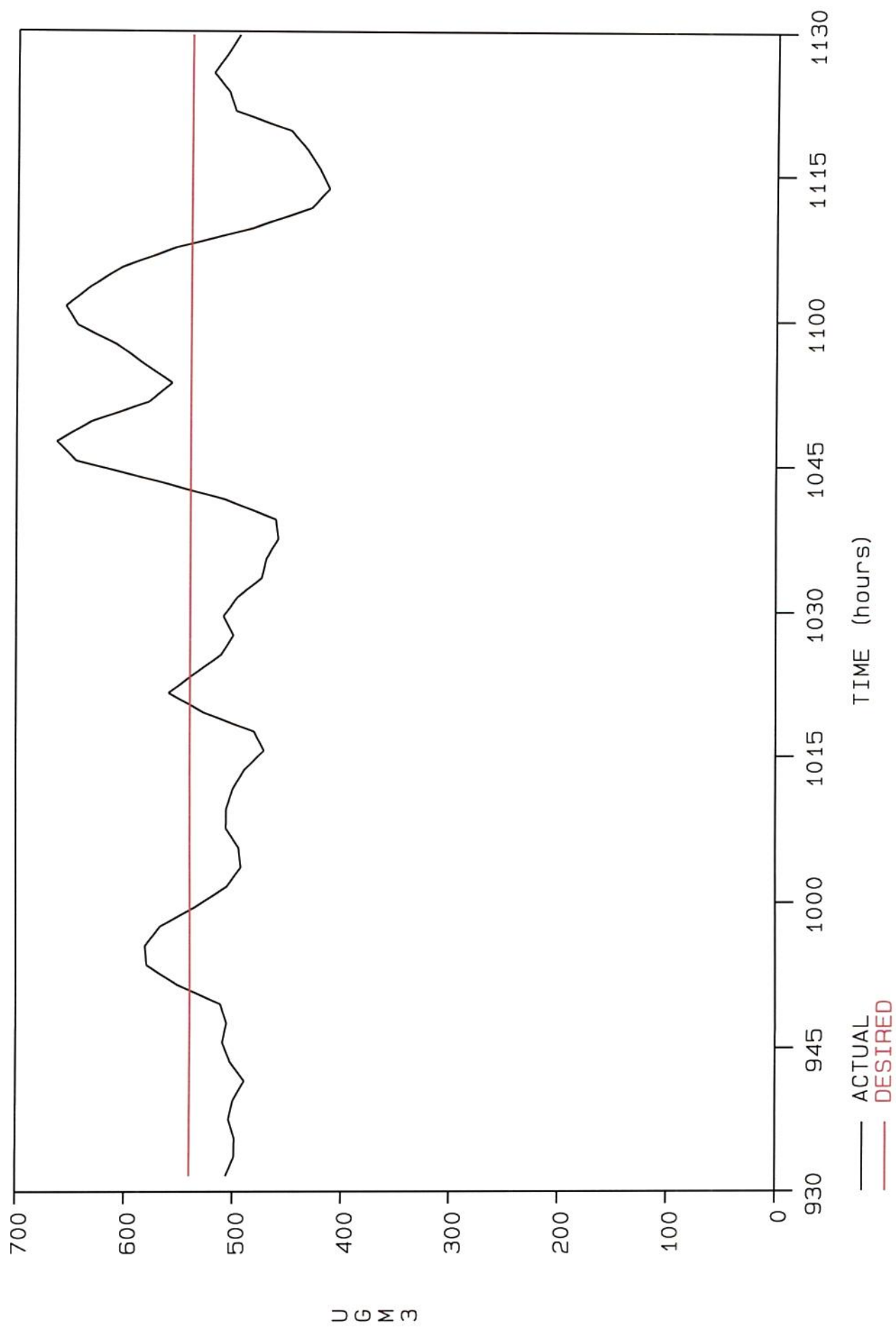
Parameter PC81TWO0 from 04/14/2025 09:31:38 to 04/14/2025 11:29:38
 Chamber PC81 Teom Conc. for Wood Smoke

04/14/2025 09:31:38	5.0601E+02	C	04/14/2025 09:33:38	4.9857E+02	C
04/14/2025 09:35:38	4.9839E+02	C	04/14/2025 09:37:38	5.0378E+02	C
04/14/2025 09:39:38	4.9982E+02	C	04/14/2025 09:41:38	4.8970E+02	C
04/14/2025 09:43:38	5.0266E+02	C	04/14/2025 09:45:38	5.0980E+02	C
04/14/2025 09:47:38	5.0619E+02	C	04/14/2025 09:49:38	5.1182E+02	C
04/14/2025 09:51:38	5.5151E+02	C	04/14/2025 09:53:38	5.7966E+02	C
04/14/2025 09:55:38	5.8110E+02	C	04/14/2025 09:57:38	5.6727E+02	C
04/14/2025 09:59:38	5.3482E+02	C	04/14/2025 10:01:38	5.0599E+02	C
04/14/2025 10:03:38	4.9288E+02	C	04/14/2025 10:05:38	4.9508E+02	C
04/14/2025 10:07:38	5.0659E+02	C	04/14/2025 10:09:38	5.0635E+02	C
04/14/2025 10:11:38	5.0034E+02	C	04/14/2025 10:13:38	4.8964E+02	C
04/14/2025 10:15:38	4.7168E+02	C	04/14/2025 10:17:38	4.8082E+02	C
04/14/2025 10:19:38	5.2722E+02	C	04/14/2025 10:21:38	5.5962E+02	C
04/14/2025 10:23:38	5.3585E+02	C	04/14/2025 10:25:38	5.1133E+02	C
04/14/2025 10:27:38	5.0021E+02	C	04/14/2025 10:29:38	5.0928E+02	C
04/14/2025 10:31:38	4.9649E+02	C	04/14/2025 10:33:38	4.7385E+02	C
04/14/2025 10:35:38	4.6952E+02	C	04/14/2025 10:37:38	4.5897E+02	C
04/14/2025 10:39:38	4.6111E+02	C	04/14/2025 10:41:38	5.0799E+02	C
04/14/2025 10:43:38	5.7427E+02	C	04/14/2025 10:45:38	6.4540E+02	C
04/14/2025 10:47:38	6.6327E+02	C	04/14/2025 10:49:38	6.3161E+02	C
04/14/2025 10:51:38	5.7905E+02	C	04/14/2025 10:53:38	5.5719E+02	C
04/14/2025 10:55:38	5.8337E+02	C	04/14/2025 10:57:38	6.0865E+02	C
04/14/2025 10:59:38	6.4436E+02	C	04/14/2025 11:01:38	6.5553E+02	C
04/14/2025 11:03:38	6.3270E+02	C	04/14/2025 11:05:38	6.0410E+02	C
04/14/2025 11:07:38	5.5424E+02	C	04/14/2025 11:09:38	4.8401E+02	C
04/14/2025 11:11:38	4.2940E+02	C	04/14/2025 11:13:38	4.1309E+02	C
04/14/2025 11:15:38	4.2221E+02	C	04/14/2025 11:17:38	4.3339E+02	C
04/14/2025 11:19:38	4.4894E+02	C	04/14/2025 11:21:38	5.0008E+02	C
04/14/2025 11:23:38	5.0612E+02	C	04/14/2025 11:25:38	5.2038E+02	C
04/14/2025 11:27:38	5.0782E+02	C	04/14/2025 11:29:38	4.9681E+02	C

Parameter PC81TWO0 from 04/14/2025 09:31:38 to 04/14/2025 11:29:38
 Chamber PC81 Teom Conc. for Wood Smoke

60 samples	0 have no data	0 out-of-limits
average = 5.2330E+02	standard deviation =	5.8669E+01
minimum = 4.1309E+02	maximum =	6.6327E+02
% OOL = 0.0000E+00	coef. of variation =	1.1211E+01
min % diff = -2.3502E+01	max % diff =	2.2828E+01
mean % diff = -3.0929E+00		

MASKON SUBJ# T3 - PC81TW00 (Team Conc. for Wood Smoke)
04/14/2025 09:31:38 04/14/2025 11:29:38



Parameter PC81MWO0 from 04/14/2025 09:31:38 to 04/14/2025 11:29:38
 Chamber PC81 DustTrak Conc. for Wood Smoke

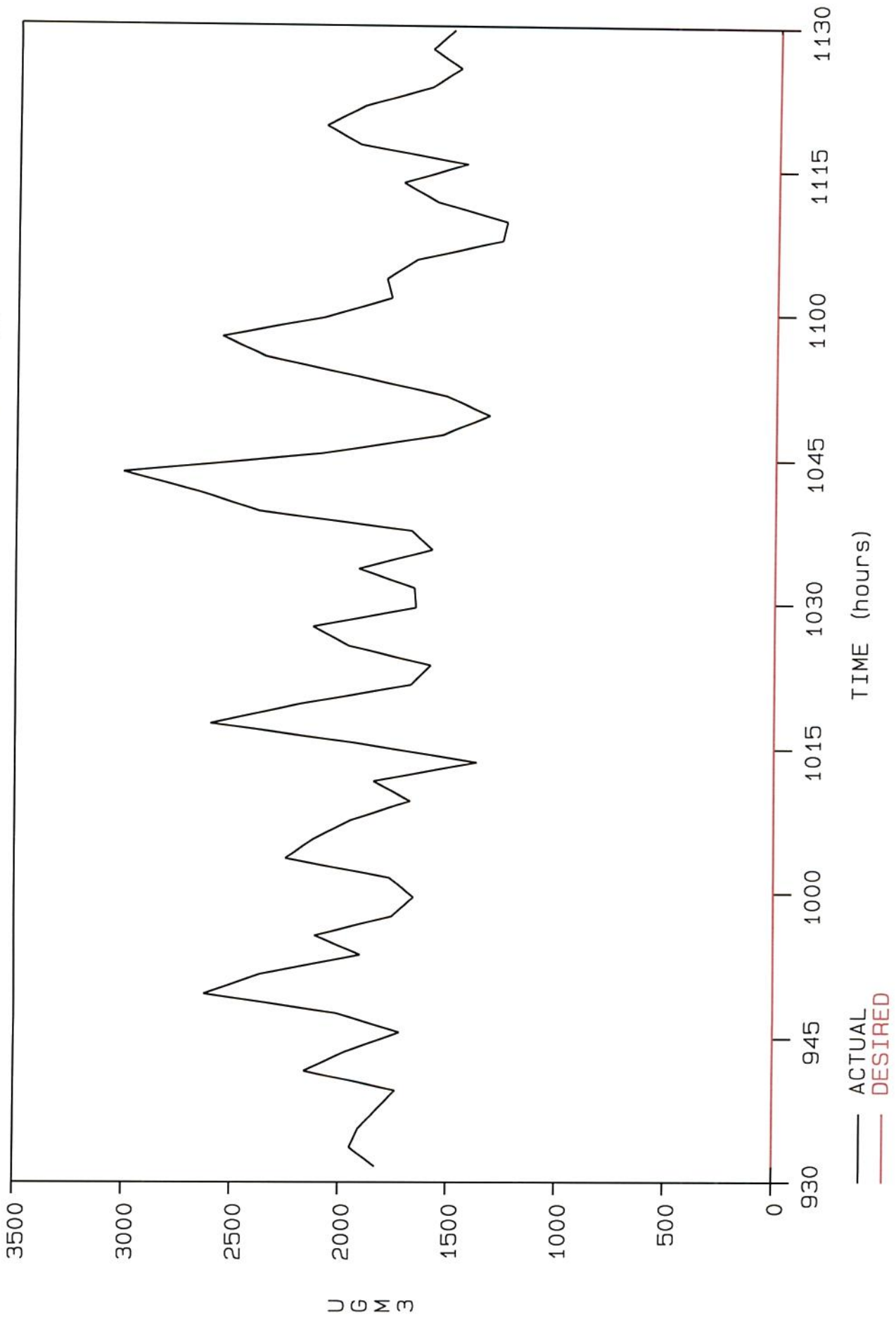
04/14/2025 09:31:38	1.8283E+03	04/14/2025 09:33:38	1.9475E+03
04/14/2025 09:35:38	1.9068E+03	04/14/2025 09:37:38	1.8225E+03
04/14/2025 09:39:38	1.7375E+03	04/14/2025 09:41:38	2.1604E+03
04/14/2025 09:43:38	1.9713E+03	04/14/2025 09:45:38	1.7208E+03
04/14/2025 09:47:38	2.0171E+03	04/14/2025 09:49:38	2.6271E+03
04/14/2025 09:51:38	2.3683E+03	04/14/2025 09:53:38	1.9042E+03
04/14/2025 09:55:38	2.1150E+03	04/14/2025 09:57:38	1.7583E+03
04/14/2025 09:59:38	1.6579E+03	04/14/2025 10:01:38	1.7713E+03
04/14/2025 10:03:38	2.2521E+03	04/14/2025 10:05:38	2.1246E+03
04/14/2025 10:07:38	1.9500E+03	04/14/2025 10:09:38	1.6758E+03
04/14/2025 10:11:38	1.8454E+03	04/14/2025 10:13:38	1.3675E+03
04/14/2025 10:15:38	1.9358E+03	04/14/2025 10:17:38	2.6011E+03
04/14/2025 10:19:38	2.1892E+03	04/14/2025 10:21:38	1.6754E+03
04/14/2025 10:23:38	1.5846E+03	04/14/2025 10:25:38	1.9625E+03
04/14/2025 10:27:38	2.1292E+03	04/14/2025 10:29:38	1.6538E+03
04/14/2025 10:31:38	1.6613E+03	04/14/2025 10:33:38	1.9200E+03
04/14/2025 10:35:38	1.5804E+03	04/14/2025 10:37:38	1.6771E+03
04/14/2025 10:39:38	2.3821E+03	04/14/2025 10:41:38	2.6675E+03
04/14/2025 10:43:38	3.0104E+03	04/14/2025 10:45:38	2.0946E+03
04/14/2025 10:47:38	1.5363E+03	04/14/2025 10:49:38	1.3192E+03
04/14/2025 10:51:38	1.5204E+03	04/14/2025 10:53:38	1.9350E+03
04/14/2025 10:55:38	2.3608E+03	04/14/2025 10:57:38	2.5604E+03
04/14/2025 10:59:38	2.0878E+03	04/14/2025 11:01:38	1.7771E+03
04/14/2025 11:03:38	1.8013E+03	04/14/2025 11:05:38	1.6625E+03
04/14/2025 11:07:38	1.2679E+03	04/14/2025 11:09:38	1.2492E+03
04/14/2025 11:11:38	1.5696E+03	04/14/2025 11:13:38	1.7296E+03
04/14/2025 11:15:38	1.4350E+03	04/14/2025 11:17:38	1.9308E+03
04/14/2025 11:19:38	2.0892E+03	04/14/2025 11:21:38	1.9138E+03
04/14/2025 11:23:38	1.6054E+03	04/14/2025 11:25:38	1.4708E+03
04/14/2025 11:27:38	1.6021E+03	04/14/2025 11:29:38	1.5038E+03

Parameter PC81MWO0 from 04/14/2025 09:31:38 to 04/14/2025 11:29:38
 Chamber PC81 DustTrak Conc. for Wood Smoke

60 samples	0 have no data	0 out-of-limits
average = 1.8864E+03	standard deviation =	3.6376E+02
minimum = 1.2492E+03	maximum =	3.0104E+03

The desired value was varying, zero, or negative for the requested period

MASKON SUBJ# T3 - PC81MW00 (DustTrak Conc. for Wood Smoke)
04/14/2025 09:31:38 04/14/2025 11:29:38



Parameter PC81CGM from 04/14/2025 09:31:38 to 04/14/2025 11:29:38
 Chamber PC81 Particle Count Geom. Mean Diam.

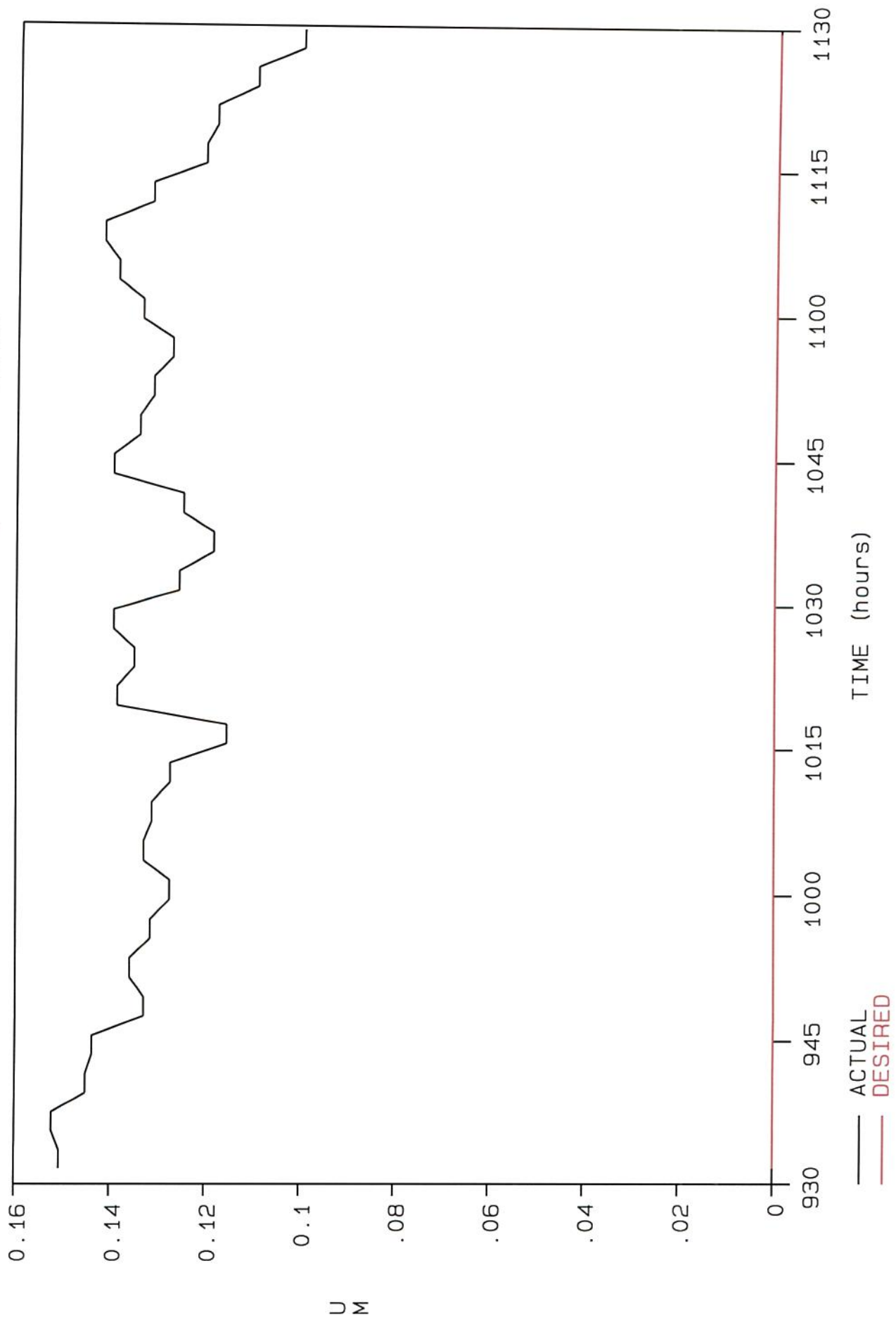
04/14/2025 09:31:38	1.5061E-01	04/14/2025 09:33:38	1.5061E-01
04/14/2025 09:35:38	1.5226E-01	04/14/2025 09:37:38	1.5226E-01
04/14/2025 09:39:38	1.4512E-01	04/14/2025 09:41:38	1.4512E-01
04/14/2025 09:43:38	1.4386E-01	04/14/2025 09:45:38	1.4386E-01
04/14/2025 09:47:38	1.3299E-01	04/14/2025 09:49:38	1.3299E-01
04/14/2025 09:51:38	1.3598E-01	04/14/2025 09:53:38	1.3598E-01
04/14/2025 09:55:38	1.3166E-01	04/14/2025 09:57:38	1.3166E-01
04/14/2025 09:59:38	1.2757E-01	04/14/2025 10:01:38	1.2757E-01
04/14/2025 10:03:38	1.3301E-01	04/14/2025 10:05:38	1.3301E-01
04/14/2025 10:07:38	1.3137E-01	04/14/2025 10:09:38	1.3137E-01
04/14/2025 10:11:38	1.2754E-01	04/14/2025 10:13:38	1.2754E-01
04/14/2025 10:15:38	1.1560E-01	04/14/2025 10:17:38	1.1560E-01
04/14/2025 10:19:38	1.3870E-01	04/14/2025 10:21:38	1.3870E-01
04/14/2025 10:23:38	1.3510E-01	04/14/2025 10:25:38	1.3510E-01
04/14/2025 10:27:38	1.3957E-01	04/14/2025 10:29:38	1.3957E-01
04/14/2025 10:31:38	1.2577E-01	04/14/2025 10:33:38	1.2577E-01
04/14/2025 10:35:38	1.1856E-01	04/14/2025 10:37:38	1.1856E-01
04/14/2025 10:39:38	1.2491E-01	04/14/2025 10:41:38	1.2491E-01
04/14/2025 10:43:38	1.3967E-01	04/14/2025 10:45:38	1.3967E-01
04/14/2025 10:47:38	1.3423E-01	04/14/2025 10:49:38	1.3423E-01
04/14/2025 10:51:38	1.3137E-01	04/14/2025 10:53:38	1.3137E-01
04/14/2025 10:55:38	1.2746E-01	04/14/2025 10:57:38	1.2746E-01
04/14/2025 10:59:38	1.3375E-01	04/14/2025 11:01:38	1.3375E-01
04/14/2025 11:03:38	1.3894E-01	04/14/2025 11:05:38	1.3894E-01
04/14/2025 11:07:38	1.4201E-01	04/14/2025 11:09:38	1.4201E-01
04/14/2025 11:11:38	1.3187E-01	04/14/2025 11:13:38	1.3187E-01
04/14/2025 11:15:38	1.2080E-01	04/14/2025 11:17:38	1.2080E-01
04/14/2025 11:19:38	1.1854E-01	04/14/2025 11:21:38	1.1854E-01
04/14/2025 11:23:38	1.1008E-01	04/14/2025 11:25:38	1.1008E-01
04/14/2025 11:27:38	1.0036E-01	04/14/2025 11:29:38	1.0036E-01

Parameter PC81CGM from 04/14/2025 09:31:38 to 04/14/2025 11:29:38
 Chamber PC81 Particle Count Geom. Mean Diam.

60 samples	0 have no data	0 out-of-limits
average = 1.3131E-01	standard deviation =	1.1331E-02
minimum = 1.0036E-01	maximum =	1.5226E-01

The desired value was varying, zero, or negative for the requested period

MASKON SUBJ# T3 - PC81CGM (Particle Count Geom. Mean Diam.)
04/14/2025 09:31:38 04/14/2025 11:29:38



Parameter PC81CCON from 04/14/2025 09:31:38 to 04/14/2025 11:29:38
Chamber PC81 CPC Concentration

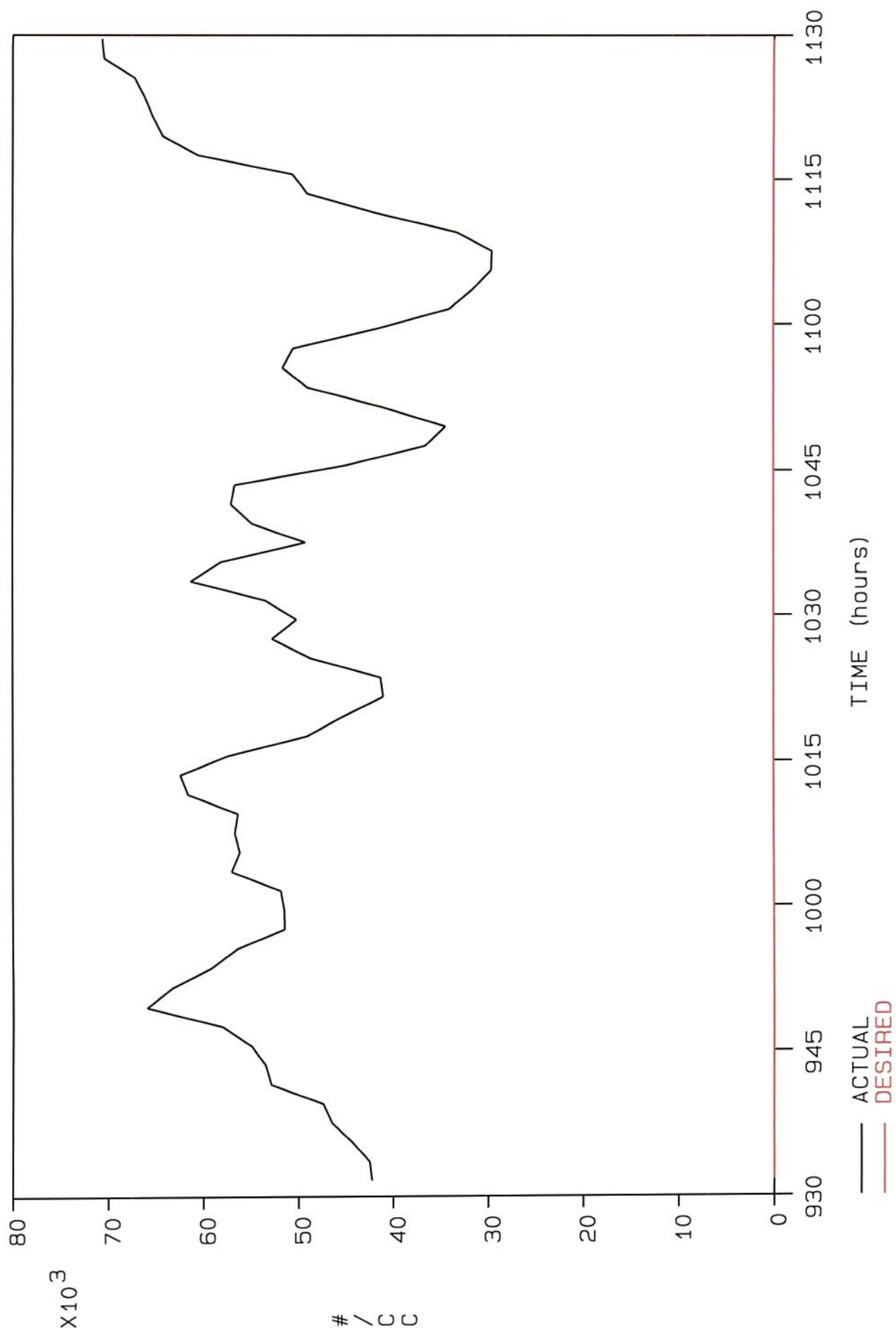
04/14/2025 09:31:38	4.2245E+04	04/14/2025 09:33:38	4.2508E+04
04/14/2025 09:35:38	4.4355E+04	04/14/2025 09:37:38	4.6455E+04
04/14/2025 09:39:38	4.7412E+04	04/14/2025 09:41:38	5.2894E+04
04/14/2025 09:43:38	5.3471E+04	04/14/2025 09:45:38	5.4985E+04
04/14/2025 09:47:38	5.8010E+04	04/14/2025 09:49:38	6.5957E+04
04/14/2025 09:51:38	6.3338E+04	04/14/2025 09:53:38	5.9240E+04
04/14/2025 09:55:38	5.6435E+04	04/14/2025 09:57:38	5.1461E+04
04/14/2025 09:59:38	5.1481E+04	04/14/2025 10:01:38	5.1852E+04
04/14/2025 10:03:38	5.7020E+04	04/14/2025 10:05:38	5.6170E+04
04/14/2025 10:07:38	5.6709E+04	04/14/2025 10:09:38	5.6359E+04
04/14/2025 10:11:38	6.1608E+04	04/14/2025 10:13:38	6.2429E+04
04/14/2025 10:15:38	5.7415E+04	04/14/2025 10:17:38	4.9058E+04
04/14/2025 10:19:38	4.5314E+04	04/14/2025 10:21:38	4.1013E+04
04/14/2025 10:23:38	4.1327E+04	04/14/2025 10:25:38	4.8698E+04
04/14/2025 10:27:38	5.2750E+04	04/14/2025 10:29:38	5.0192E+04
04/14/2025 10:31:38	5.3465E+04	04/14/2025 10:33:38	6.1333E+04
04/14/2025 10:35:38	5.8127E+04	04/14/2025 10:37:38	4.9236E+04
04/14/2025 10:39:38	5.4837E+04	04/14/2025 10:41:38	5.7078E+04
04/14/2025 10:43:38	5.6701E+04	04/14/2025 10:45:38	4.4996E+04
04/14/2025 10:47:38	3.6612E+04	04/14/2025 10:49:38	3.4465E+04
04/14/2025 10:51:38	4.1295E+04	04/14/2025 10:53:38	4.9011E+04
04/14/2025 10:55:38	5.1662E+04	04/14/2025 10:57:38	5.0548E+04
04/14/2025 10:59:38	4.1694E+04	04/14/2025 11:01:38	3.4024E+04
04/14/2025 11:03:38	3.1587E+04	04/14/2025 11:05:38	2.9641E+04
04/14/2025 11:07:38	2.9593E+04	04/14/2025 11:09:38	3.3270E+04
04/14/2025 11:11:38	4.1953E+04	04/14/2025 11:13:38	4.9066E+04
04/14/2025 11:15:38	5.0633E+04	04/14/2025 11:17:38	6.0548E+04
04/14/2025 11:19:38	6.4279E+04	04/14/2025 11:21:38	6.5310E+04
04/14/2025 11:23:38	6.6155E+04	04/14/2025 11:25:38	6.7243E+04
04/14/2025 11:27:38	7.0411E+04	04/14/2025 11:29:38	7.0659E+04

Parameter PC81CCON from 04/14/2025 09:31:38 to 04/14/2025 11:29:38
Chamber PC81 CPC Concentration

60 samples	0 have no data	0 out-of-limits
average = 5.1393E+04	standard deviation =	1.0147E+04
minimum = 2.9593E+04	maximum =	7.0659E+04

The desired value was varying, zero, or negative for the requested period

MASKON SUBJ# T3 - PC81CCON (CPC Concentration)
04/14/2025 09:31:38 04/14/2025 11:29:38



Parameter PC81CO from 04/14/2025 09:31:38 to 04/14/2025 11:29:38
 Chamber PC81 Carbon Monoxide

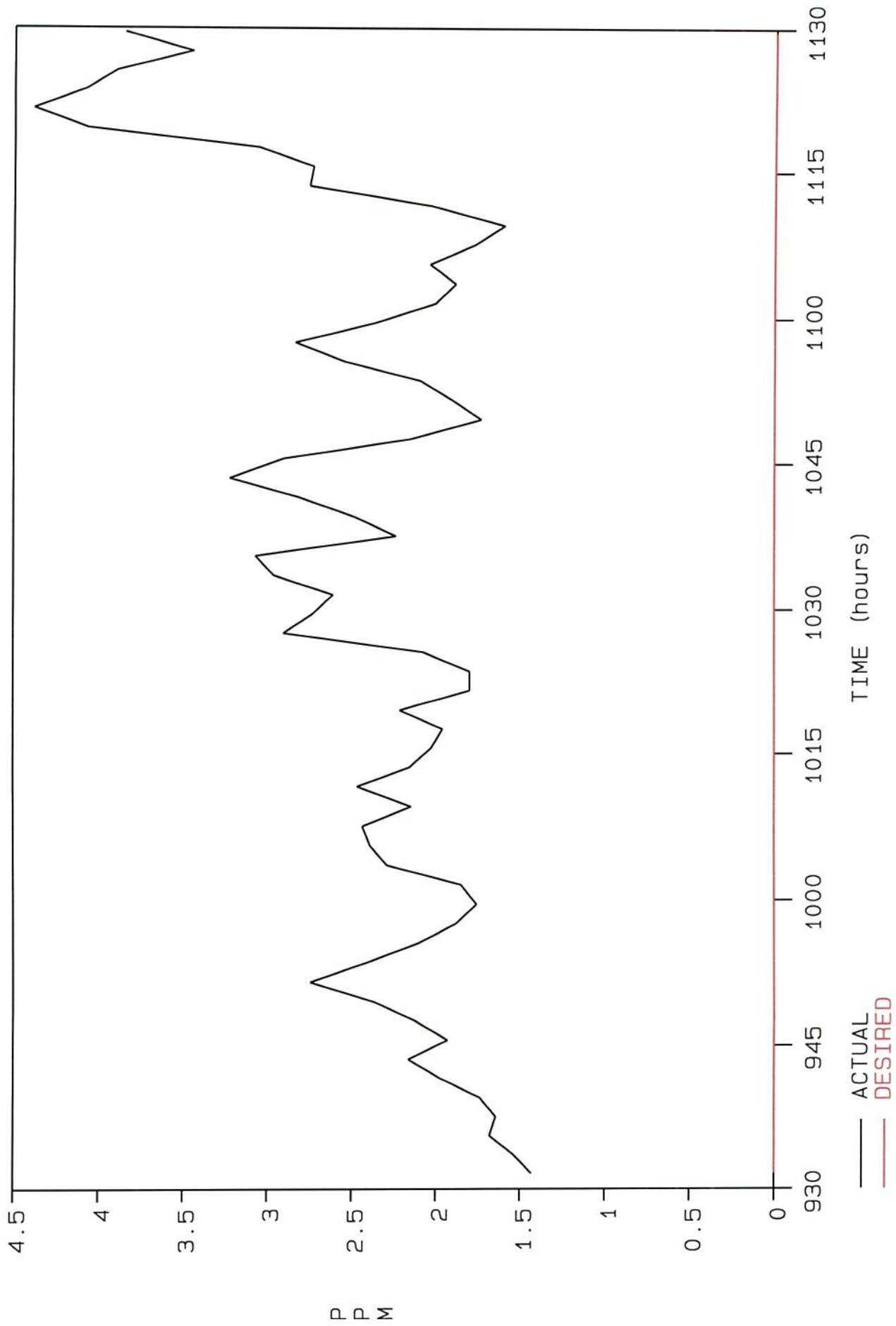
04/14/2025 09:31:38	1.4312E+00	04/14/2025 09:33:38	1.5371E+00
04/14/2025 09:35:38	1.6799E+00	04/14/2025 09:37:38	1.6443E+00
04/14/2025 09:39:38	1.7384E+00	04/14/2025 09:41:38	1.9718E+00
04/14/2025 09:43:38	2.1606E+00	04/14/2025 09:45:38	1.9293E+00
04/14/2025 09:47:38	2.1232E+00	04/14/2025 09:49:38	2.3683E+00
04/14/2025 09:51:38	2.7444E+00	04/14/2025 09:53:38	2.4125E+00
04/14/2025 09:55:38	2.0999E+00	04/14/2025 09:57:38	1.8789E+00
04/14/2025 09:59:38	1.7570E+00	04/14/2025 10:01:38	1.8510E+00
04/14/2025 10:03:38	2.2888E+00	04/14/2025 10:05:38	2.3888E+00
04/14/2025 10:07:38	2.4340E+00	04/14/2025 10:09:38	2.1455E+00
04/14/2025 10:11:38	2.4658E+00	04/14/2025 10:13:38	2.1560E+00
04/14/2025 10:15:38	2.0275E+00	04/14/2025 10:17:38	1.9583E+00
04/14/2025 10:19:38	2.2123E+00	04/14/2025 10:21:38	1.7976E+00
04/14/2025 10:23:38	1.7981E+00	04/14/2025 10:25:38	2.0733E+00
04/14/2025 10:27:38	2.9031E+00	04/14/2025 10:29:38	2.7312E+00
04/14/2025 10:31:38	2.6092E+00	04/14/2025 10:33:38	2.9618E+00
04/14/2025 10:35:38	3.0698E+00	04/14/2025 10:37:38	2.2368E+00
04/14/2025 10:39:38	2.4834E+00	04/14/2025 10:41:38	2.8136E+00
04/14/2025 10:43:38	3.2232E+00	04/14/2025 10:45:38	2.9023E+00
04/14/2025 10:47:38	2.1550E+00	04/14/2025 10:49:38	1.7318E+00
04/14/2025 10:51:38	1.9038E+00	04/14/2025 10:53:38	2.0937E+00
04/14/2025 10:55:38	2.5426E+00	04/14/2025 10:57:38	2.8365E+00
04/14/2025 10:59:38	2.3689E+00	04/14/2025 11:01:38	2.0034E+00
04/14/2025 11:03:38	1.8849E+00	04/14/2025 11:05:38	2.0392E+00
04/14/2025 11:07:38	1.7742E+00	04/14/2025 11:09:38	1.5967E+00
04/14/2025 11:11:38	2.0341E+00	04/14/2025 11:13:38	2.7556E+00
04/14/2025 11:15:38	2.7332E+00	04/14/2025 11:17:38	3.0571E+00
04/14/2025 11:19:38	4.0713E+00	04/14/2025 11:21:38	4.3873E+00
04/14/2025 11:23:38	4.0805E+00	04/14/2025 11:25:38	3.8981E+00
04/14/2025 11:27:38	3.4486E+00	04/14/2025 11:29:38	3.8517E+00

Parameter PC81CO from 04/14/2025 09:31:38 to 04/14/2025 11:29:38
 Chamber PC81 Carbon Monoxide

60 samples	0 have no data	0 out-of-limits
average = 2.4043E+00	standard deviation =	6.7726E-01
minimum = 1.4312E+00	maximum =	4.3873E+00

The desired value was varying, zero, or negative for the requested period

MASKON SUBJ# T3 - PC81C0 (Carbon Monoxide)
04/14/2025 09:31:38 04/14/2025 11:29:38



Parameter PC81HC from 04/14/2025 09:31:38 to 04/14/2025 11:29:38
 Chamber PC81 Hydrocarbon

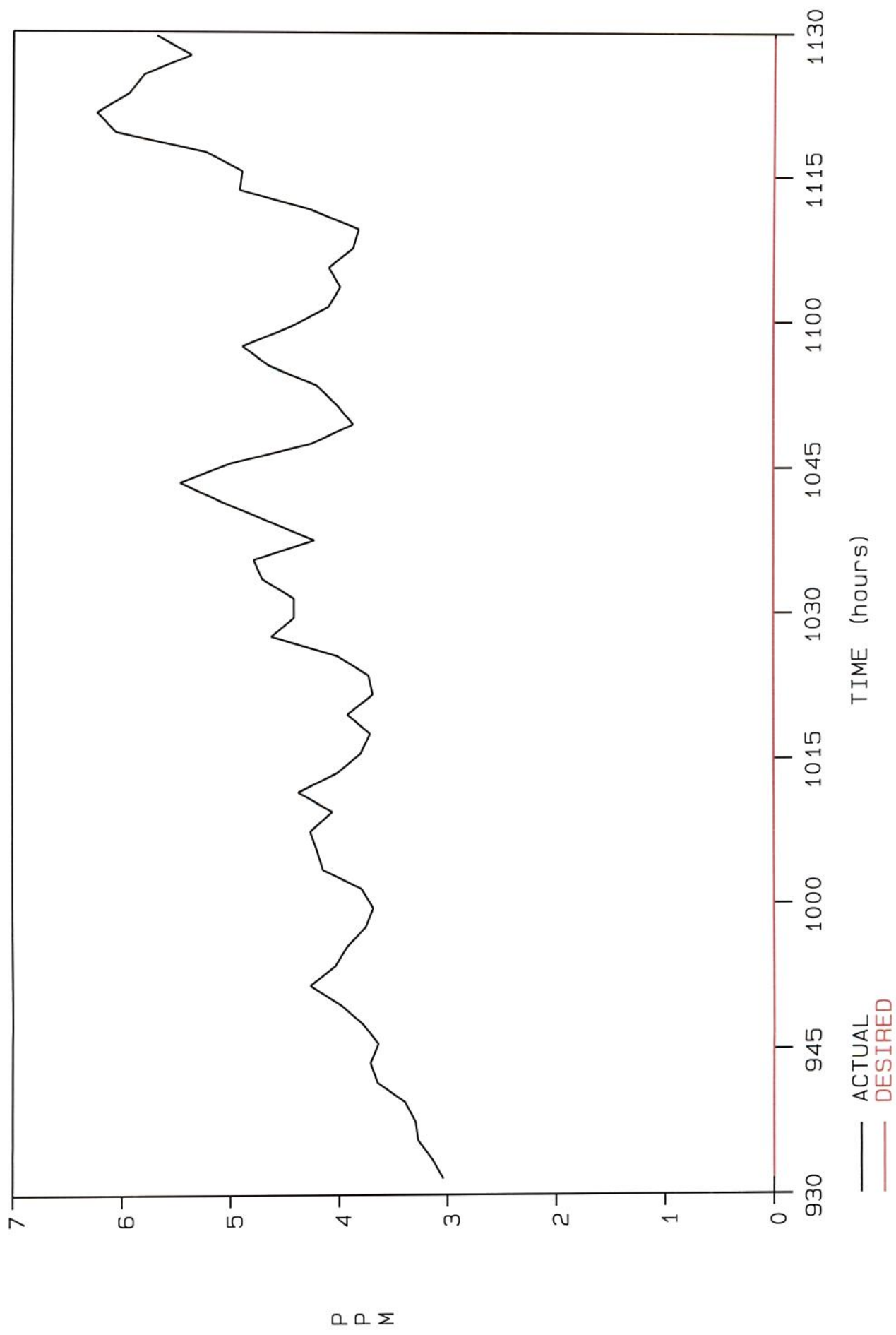
04/14/2025 09:31:38	3.0418E+00	04/14/2025 09:33:38	3.1398E+00
04/14/2025 09:35:38	3.2713E+00	04/14/2025 09:37:38	3.2966E+00
04/14/2025 09:39:38	3.3941E+00	04/14/2025 09:41:38	3.6471E+00
04/14/2025 09:43:38	3.7134E+00	04/14/2025 09:45:38	3.6380E+00
04/14/2025 09:47:38	3.7794E+00	04/14/2025 09:49:38	3.9826E+00
04/14/2025 09:51:38	4.2682E+00	04/14/2025 09:53:38	4.0366E+00
04/14/2025 09:55:38	3.9240E+00	04/14/2025 09:57:38	3.7548E+00
04/14/2025 09:59:38	3.6821E+00	04/14/2025 10:01:38	3.7903E+00
04/14/2025 10:03:38	4.1479E+00	04/14/2025 10:05:38	4.2003E+00
04/14/2025 10:07:38	4.2628E+00	04/14/2025 10:09:38	4.0602E+00
04/14/2025 10:11:38	4.3763E+00	04/14/2025 10:13:38	4.0094E+00
04/14/2025 10:15:38	3.7985E+00	04/14/2025 10:17:38	3.7098E+00
04/14/2025 10:19:38	3.9207E+00	04/14/2025 10:21:38	3.6848E+00
04/14/2025 10:23:38	3.7239E+00	04/14/2025 10:25:38	4.0095E+00
04/14/2025 10:27:38	4.6184E+00	04/14/2025 10:29:38	4.4080E+00
04/14/2025 10:31:38	4.4090E+00	04/14/2025 10:33:38	4.7019E+00
04/14/2025 10:35:38	4.7818E+00	04/14/2025 10:37:38	4.2216E+00
04/14/2025 10:39:38	4.6473E+00	04/14/2025 10:41:38	5.0790E+00
04/14/2025 10:43:38	5.4589E+00	04/14/2025 10:45:38	4.9966E+00
04/14/2025 10:47:38	4.2515E+00	04/14/2025 10:49:38	3.8661E+00
04/14/2025 10:51:38	4.0188E+00	04/14/2025 10:53:38	4.2036E+00
04/14/2025 10:55:38	4.6461E+00	04/14/2025 10:57:38	4.8871E+00
04/14/2025 10:59:38	4.4444E+00	04/14/2025 11:01:38	4.0965E+00
04/14/2025 11:03:38	3.9879E+00	04/14/2025 11:05:38	4.0943E+00
04/14/2025 11:07:38	3.8704E+00	04/14/2025 11:09:38	3.8197E+00
04/14/2025 11:11:38	4.2702E+00	04/14/2025 11:13:38	4.9176E+00
04/14/2025 11:15:38	4.8957E+00	04/14/2025 11:17:38	5.2323E+00
04/14/2025 11:19:38	6.0615E+00	04/14/2025 11:21:38	6.2336E+00
04/14/2025 11:23:38	5.9359E+00	04/14/2025 11:25:38	5.7965E+00
04/14/2025 11:27:38	5.3691E+00	04/14/2025 11:29:38	5.6868E+00

Parameter PC81HC from 04/14/2025 09:31:38 to 04/14/2025 11:29:38
 Chamber PC81 Hydrocarbon

60 samples	0 have no data	0 out-of-limits
average = 4.3029E+00	standard deviation =	7.2646E-01
minimum = 3.0418E+00	maximum =	6.2336E+00

The desired value was varying, zero, or negative for the requested period

MASKON SUBJ# T3 - PC81HC (Hydrocarbon)
04/14/2025 09:31:38 04/14/2025 11:29:38



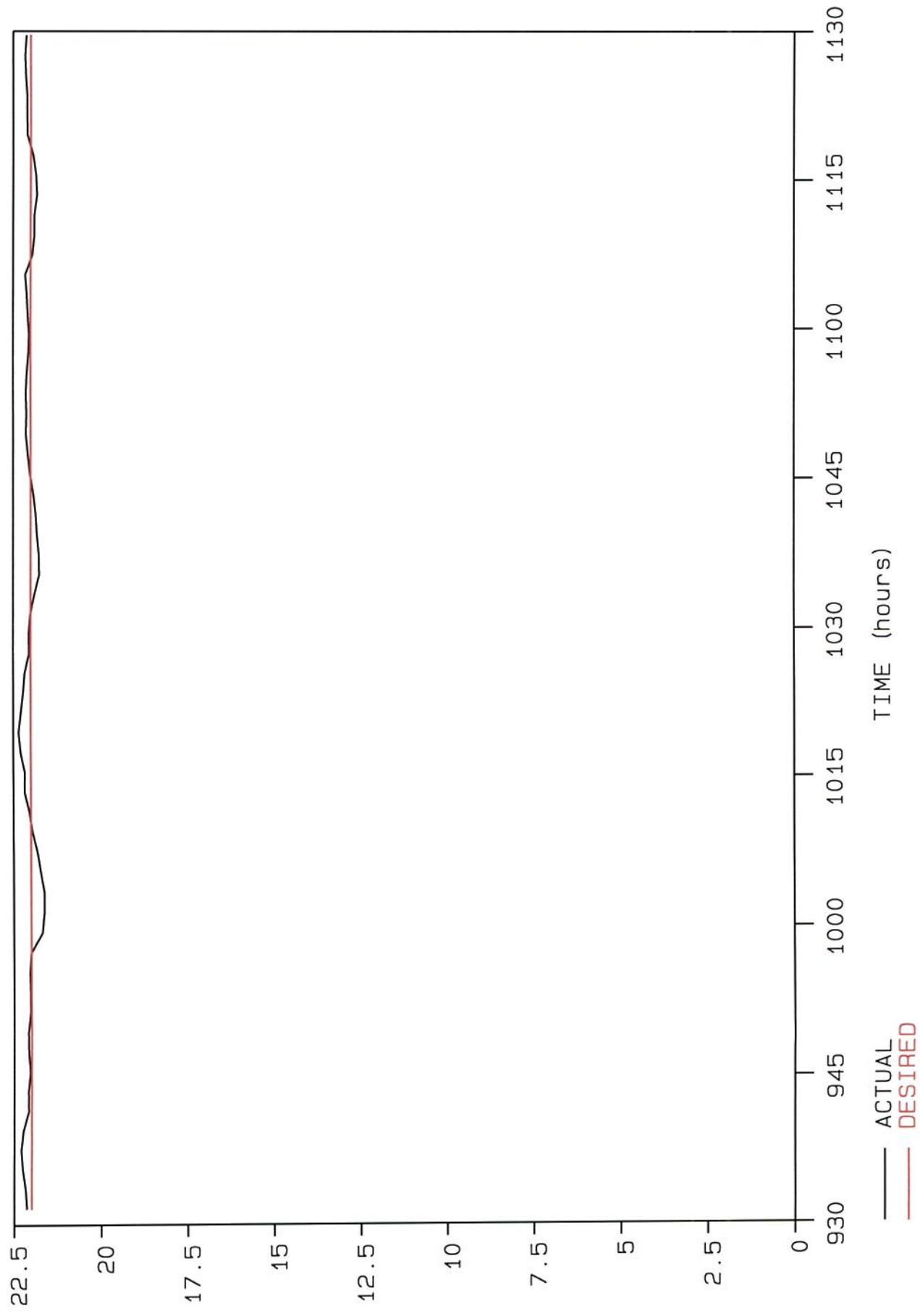
Parameter PC81TMP from 04/14/2025 09:31:38 to 04/14/2025 11:29:38
Chamber PC81 Temperature

04/14/2025 09:31:38	2.2142E+01	C	04/14/2025 09:33:38	2.2176E+01	C
04/14/2025 09:35:38	2.2259E+01	C	04/14/2025 09:37:38	2.2299E+01	C
04/14/2025 09:39:38	2.2240E+01	C	04/14/2025 09:41:38	2.2081E+01	C
04/14/2025 09:43:38	2.2093E+01	C	04/14/2025 09:45:38	2.2037E+01	C
04/14/2025 09:47:38	2.2085E+01	C	04/14/2025 09:49:38	2.2095E+01	C
04/14/2025 09:51:38	2.2031E+01	C	04/14/2025 09:53:38	2.2030E+01	C
04/14/2025 09:55:38	2.2046E+01	C	04/14/2025 09:57:38	2.1998E+01	C
04/14/2025 09:59:38	2.1685E+01	C	04/14/2025 10:01:38	2.1630E+01	C
04/14/2025 10:03:38	2.1623E+01	C	04/14/2025 10:05:38	2.1728E+01	C
04/14/2025 10:07:38	2.1816E+01	C	04/14/2025 10:09:38	2.1959E+01	C
04/14/2025 10:11:38	2.2043E+01	C	04/14/2025 10:13:38	2.2186E+01	C
04/14/2025 10:15:38	2.2178E+01	C	04/14/2025 10:17:38	2.2293E+01	C
04/14/2025 10:19:38	2.2349E+01	C	04/14/2025 10:21:38	2.2282E+01	C
04/14/2025 10:23:38	2.2225E+01	C	04/14/2025 10:25:38	2.2178E+01	C
04/14/2025 10:27:38	2.2043E+01	C	04/14/2025 10:29:38	2.2056E+01	C
04/14/2025 10:31:38	2.2015E+01	C	04/14/2025 10:33:38	2.1894E+01	C
04/14/2025 10:35:38	2.1751E+01	C	04/14/2025 10:37:38	2.1760E+01	C
04/14/2025 10:39:38	2.1816E+01	C	04/14/2025 10:41:38	2.1853E+01	C
04/14/2025 10:43:38	2.1923E+01	C	04/14/2025 10:45:38	2.2018E+01	C
04/14/2025 10:47:38	2.2081E+01	C	04/14/2025 10:49:38	2.2134E+01	C
04/14/2025 10:51:38	2.2122E+01	C	04/14/2025 10:53:38	2.2143E+01	C
04/14/2025 10:55:38	2.2109E+01	C	04/14/2025 10:57:38	2.2070E+01	C
04/14/2025 10:59:38	2.2049E+01	C	04/14/2025 11:01:38	2.2081E+01	C
04/14/2025 11:03:38	2.2109E+01	C	04/14/2025 11:05:38	2.2153E+01	C
04/14/2025 11:07:38	2.1942E+01	C	04/14/2025 11:09:38	2.1894E+01	C
04/14/2025 11:11:38	2.1893E+01	C	04/14/2025 11:13:38	2.1818E+01	C
04/14/2025 11:15:38	2.1849E+01	C	04/14/2025 11:17:38	2.1925E+01	C
04/14/2025 11:19:38	2.2093E+01	C	04/14/2025 11:21:38	2.2105E+01	C
04/14/2025 11:23:38	2.2100E+01	C	04/14/2025 11:25:38	2.2143E+01	C
04/14/2025 11:27:38	2.2157E+01	C	04/14/2025 11:29:38	2.2118E+01	C

Parameter PC81TMP from 04/14/2025 09:31:38 to 04/14/2025 11:29:38
Chamber PC81 Temperature

60 samples	0 have no data	0 out-of-limits
average = 2.2033E+01	standard deviation = 1.6753E-01	
minimum = 2.1623E+01	maximum = 2.2349E+01	
% OOL = 0.0000E+00	coef. of variation = 7.6037E-01	
min % diff = -1.7149E+00	max % diff = 1.5879E+00	
mean % diff = 1.5185E-01		

MASKON SUBJ# T3 - PC81TMP (Temperature)
04/14/2025 09:31:38 04/14/2025 11:29:38



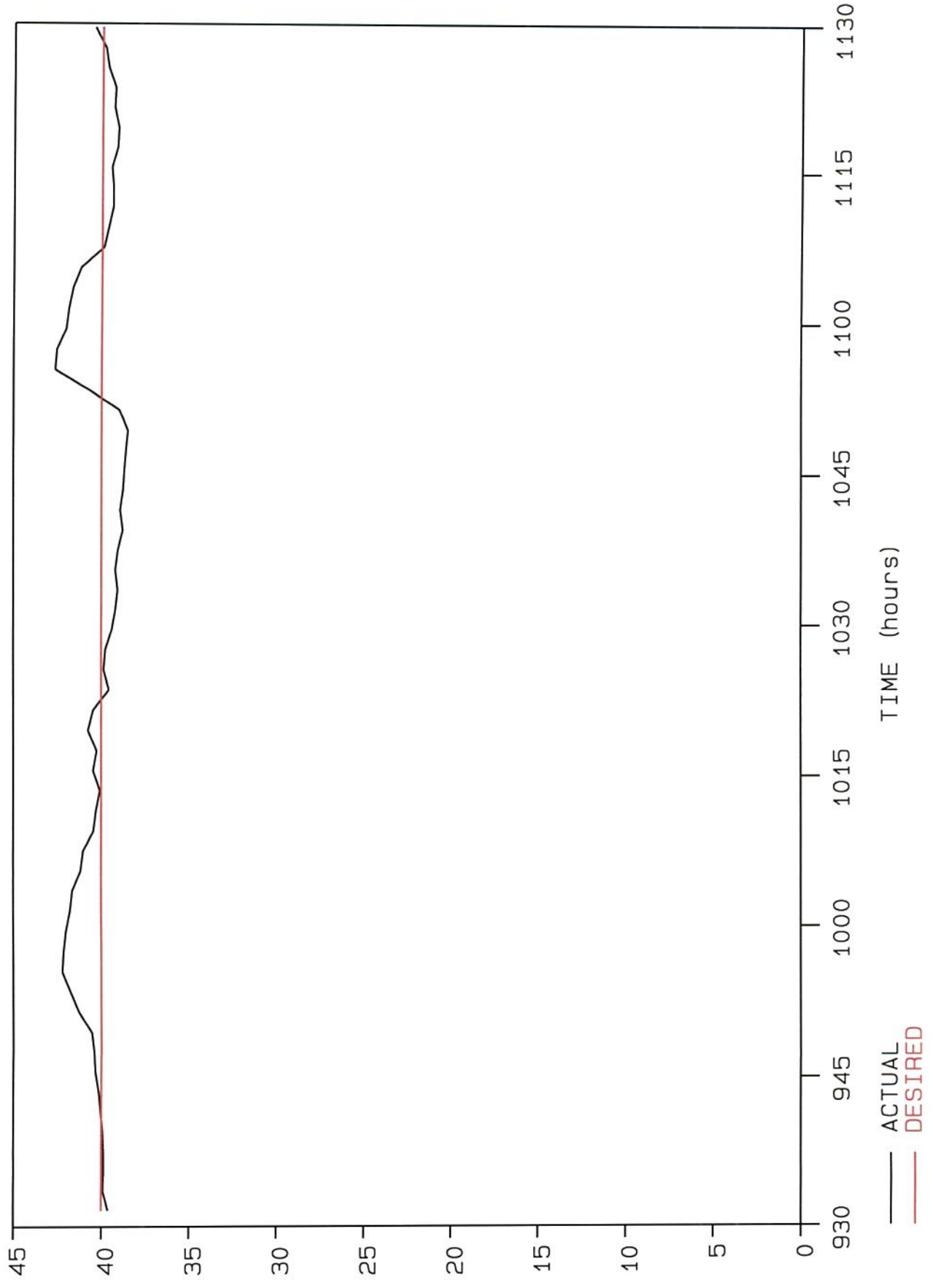
Parameter PC81RH from 04/14/2025 09:31:38 to 04/14/2025 11:29:38
Chamber PC81 Relative Humidity

04/14/2025 09:31:38	3.9617E+01	C	04/14/2025 09:33:38	3.9901E+01	C
04/14/2025 09:35:38	3.9860E+01	C	04/14/2025 09:37:38	3.9860E+01	C
04/14/2025 09:39:38	3.9917E+01	C	04/14/2025 09:41:38	4.0029E+01	C
04/14/2025 09:43:38	4.0150E+01	C	04/14/2025 09:45:38	4.0329E+01	C
04/14/2025 09:47:38	4.0398E+01	C	04/14/2025 09:49:38	4.0521E+01	C
04/14/2025 09:51:38	4.1259E+01	C	04/14/2025 09:53:38	4.1743E+01	C
04/14/2025 09:55:38	4.2215E+01	C	04/14/2025 09:57:38	4.2136E+01	C
04/14/2025 09:59:38	4.2005E+01	C	04/14/2025 10:01:38	4.1779E+01	C
04/14/2025 10:03:38	4.1638E+01	C	04/14/2025 10:05:38	4.1164E+01	C
04/14/2025 10:07:38	4.1020E+01	C	04/14/2025 10:09:38	4.0437E+01	C
04/14/2025 10:11:38	4.0294E+01	C	04/14/2025 10:13:38	4.0062E+01	C
04/14/2025 10:15:38	4.0463E+01	C	04/14/2025 10:17:38	4.0254E+01	C
04/14/2025 10:19:38	4.0740E+01	C	04/14/2025 10:21:38	4.0456E+01	C
04/14/2025 10:23:38	3.9559E+01	C	04/14/2025 10:25:38	3.9846E+01	C
04/14/2025 10:27:38	3.9759E+01	C	04/14/2025 10:29:38	3.9388E+01	C
04/14/2025 10:31:38	3.9197E+01	C	04/14/2025 10:33:38	3.9055E+01	C
04/14/2025 10:35:38	3.9199E+01	C	04/14/2025 10:37:38	3.9043E+01	C
04/14/2025 10:39:38	3.8776E+01	C	04/14/2025 10:41:38	3.8912E+01	C
04/14/2025 10:43:38	3.8762E+01	C	04/14/2025 10:45:38	3.8683E+01	C
04/14/2025 10:47:38	3.8584E+01	C	04/14/2025 10:49:38	3.8475E+01	C
04/14/2025 10:51:38	3.8968E+01	C	04/14/2025 10:53:38	4.0737E+01	C
04/14/2025 10:55:38	4.2634E+01	C	04/14/2025 10:57:38	4.2539E+01	C
04/14/2025 10:59:38	4.2006E+01	C	04/14/2025 11:01:38	4.1860E+01	C
04/14/2025 11:03:38	4.1629E+01	C	04/14/2025 11:05:38	4.1176E+01	C
04/14/2025 11:07:38	3.9863E+01	C	04/14/2025 11:09:38	3.9611E+01	C
04/14/2025 11:11:38	3.9360E+01	C	04/14/2025 11:13:38	3.9350E+01	C
04/14/2025 11:15:38	3.9453E+01	C	04/14/2025 11:17:38	3.9124E+01	C
04/14/2025 11:19:38	3.9063E+01	C	04/14/2025 11:21:38	3.9309E+01	C
04/14/2025 11:23:38	3.9248E+01	C	04/14/2025 11:25:38	3.9656E+01	C
04/14/2025 11:27:38	3.9812E+01	C	04/14/2025 11:29:38	4.0422E+01	C

Parameter PC81RH from 04/14/2025 09:31:38 to 04/14/2025 11:29:38
Chamber PC81 Relative Humidity

60 samples	0 have no data	0 out-of-limits
average = 4.0188E+01	standard deviation =	1.0982E+00
minimum = 3.8475E+01	maximum =	4.2634E+01
% OOL = 0.0000E+00	coef. of variation =	2.7327E+00
min % diff = -3.8137E+00	max % diff =	6.5839E+00
mean % diff = 4.7105E-01		

MASKON SUBJ# T3 - PC81RH (Relative Humidity)
04/14/2025 09:31:38 04/14/2025 11:29:38



Mnemonic PC81TMP

from 04/14/2025 09:31:38 to 04/14/2025 11:29:38

60 samples	0 have no data	0 out-of-limits
average = 2.2033E+01	standard deviation =	1.6753E-01
minimum = 2.1623E+01	maximum =	2.2349E+01

Mnemonic PLENOZ

from 04/14/2025 09:31:36 to 04/14/2025 11:29:36

04/14/2025 09:31:36	5.1412E-04	04/14/2025 09:33:36	6.4262E-04
04/14/2025 09:35:36	6.6392E-04	04/14/2025 09:37:36	6.3930E-04
04/14/2025 09:39:36	6.0356E-04	04/14/2025 09:41:36	7.7553E-04
04/14/2025 09:43:36	5.6615E-04	04/14/2025 09:45:36	5.8158E-04
04/14/2025 09:47:36	5.9558E-04	04/14/2025 09:49:36	5.7951E-04
04/14/2025 09:51:36	4.3976E-04	04/14/2025 09:53:36	6.7185E-04
04/14/2025 09:55:36	4.9908E-04	04/14/2025 09:57:36	4.9809E-04
04/14/2025 09:59:36	8.2132E-04	04/14/2025 10:01:36	7.3133E-04
04/14/2025 10:03:36	6.3617E-04	04/14/2025 10:05:36	4.9010E-04
04/14/2025 10:07:36	5.5204E-04	04/14/2025 10:09:36	6.0948E-04
04/14/2025 10:11:36	5.7677E-04	04/14/2025 10:13:36	5.5010E-04
04/14/2025 10:15:36	6.2958E-04	04/14/2025 10:17:36	4.5715E-04
04/14/2025 10:19:36	5.3744E-04	04/14/2025 10:21:36	5.5440E-04
04/14/2025 10:23:36	5.5261E-04	04/14/2025 10:25:36	5.4942E-04
04/14/2025 10:27:36	3.8650E-04	04/14/2025 10:29:36	6.7247E-04
04/14/2025 10:31:36	5.2931E-04	04/14/2025 10:33:36	5.3456E-04
04/14/2025 10:35:36	6.6021E-04	04/14/2025 10:37:36	5.1478E-04
04/14/2025 10:39:36	7.6279E-04	04/14/2025 10:41:36	6.1195E-04
04/14/2025 10:43:36	7.3922E-04	04/14/2025 10:45:36	5.4713E-04
04/14/2025 10:47:36	7.1917E-04	04/14/2025 10:49:36	7.2004E-04
04/14/2025 10:51:36	7.0664E-04	04/14/2025 10:53:36	6.0939E-04
04/14/2025 10:55:36	4.7259E-04	04/14/2025 10:57:36	6.3499E-04
04/14/2025 10:59:36	5.3471E-04	04/14/2025 11:01:36	6.6419E-04
04/14/2025 11:03:36	5.3901E-04	04/14/2025 11:05:36	7.4351E-04
04/14/2025 11:07:36	5.8181E-04	04/14/2025 11:09:36	7.3355E-04
04/14/2025 11:11:36	7.6147E-04	04/14/2025 11:13:36	6.1006E-04
04/14/2025 11:15:36	5.9568E-04	04/14/2025 11:17:36	5.4058E-04
04/14/2025 11:19:36	5.1189E-04	04/14/2025 11:21:36	5.9874E-04
04/14/2025 11:23:36	6.7466E-04	04/14/2025 11:25:36	7.3922E-04
04/14/2025 11:27:36	6.4650E-04	04/14/2025 11:29:36	6.2381E-04

Mnemonic PLENOZ

from 04/14/2025 09:31:36 to 04/14/2025 11:29:36

60 samples	0 have no data	0 out-of-limits
average = 6.0733E-04	standard deviation =	9.2632E-05
minimum = 3.8650E-04	maximum =	8.2132E-04