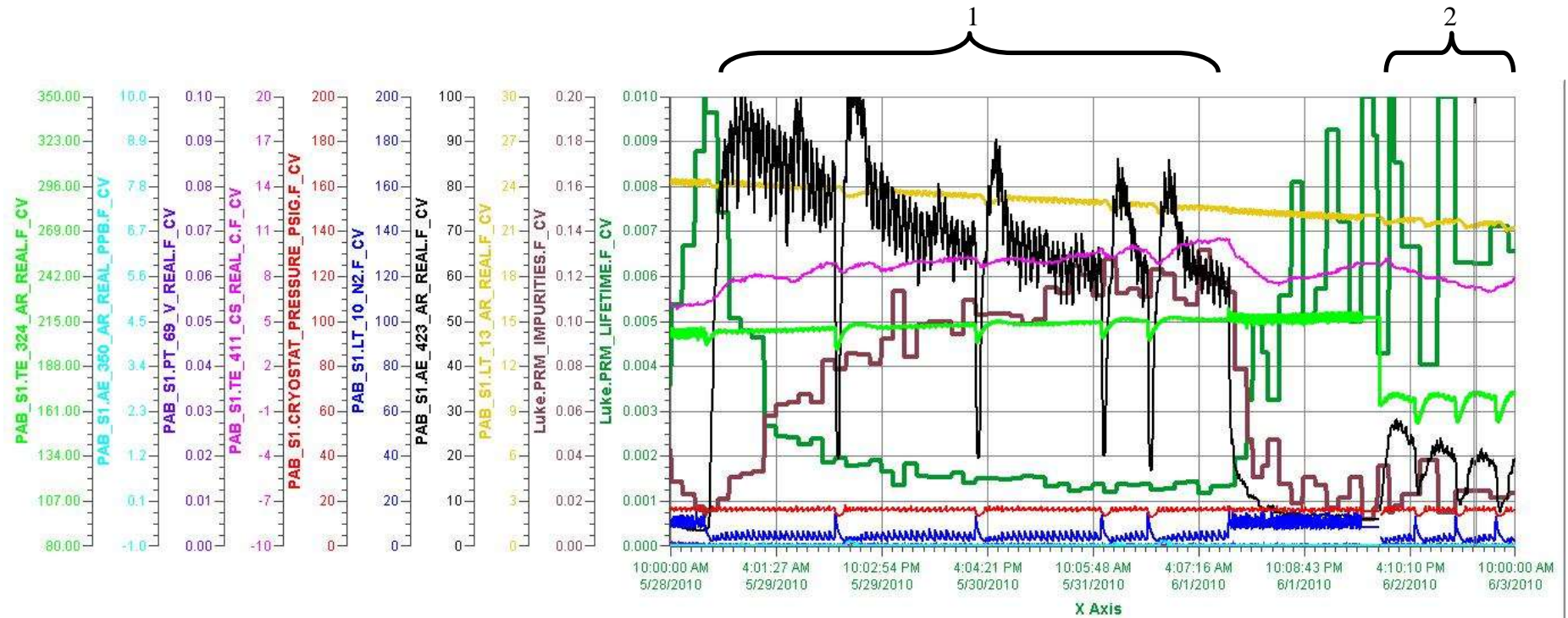


PAB Materials Test System

Date of Receipt	6/4/2010, logbook entry # 1285
Sample Name/Description	Jonghee round circuit board
	Minos M64 Base, P.Rubinov, 09/2006
Sample	
Composition:	Isolde 410, coated with Humiseal
Picture Location:	Data Base
Weight:	47.1 g
Dimensions/Area:	105 mm diameter, 2 mm thickness
Source:	Jonghee Yoo
Preparation:	cleaned with alcohol
Submerging in LAr	no
Time in the airlock(hrs)	7.5 h
Purge:	1.5 h from Luke
Vacuum:	6 h
Room Temperature	
Start Time/Date, End Time/Date :	6/04/10 4 pm, 6/1/10 9:08 am
PrM run # :	8777
Condenser state:	on
Filter state:	off
O2 reading:	0.1-0.3 ppb increase
H2O reading:	100 ppb in 6 h, stabilized in 50-70 ppb range
Lifetime:	1.2-1.5 ms
Liquid Test	no
Vapor Test	before test sample was evacuated for few min and purged from Luke for 1.5 h
Start Time/Date, End Time/Date :	6/2/10 10 am, 6/3/10 2 pm
PrM run # :	8837
Condenser state:	on
Filter state/settings:	off
O2 reading:	0.3 ppb increase
H2O reading:	28 ppb in first 4 h, stabilized in 18-21 ppb range
Temperature:	160-170 K
Lifetime:	5-8 ms
Results/comments	

Jonghee Board Material Test

1. Room Temperature (before test sample was evacuated in the airlock for 6 h and purged from Luke for 1.5 h)
2. Vapor Test ((before test sample was evacuated in the airlock for few minutes and purged from Luke for 1.5 h)



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
— Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.00624	sec	0.01290	0.00115
— Luke.PRM_IMPURITIES.F_CV	Luke.PRM_IMPURITIES.F_CV	0.0240	Imps	0.1309	0.0116
— PAB_S1.LT_13_AR_REAL.F_CV	Luke Argon Level Probe	21.3	inches	24.5	21.0
— PAB_S1.AE_423_AR_REAL.F_CV	HALO H2O meter (F_CV)	18.3	ppb	112.9	3.3
— PAB_S1.LT_10_N2.F_CV	Luke Condenser LN2 Level Probe (F_CV)	2.7	inches	17.4	1.0
— PAB_S1.CRYOSTAT_PRESSURE_PSI...	Luke Vapor Pressure	16.4	psig	17.9	12.7
— PAB_S1.TE_411_CS_REAL.C.F_CV	TC on Luke top flange (F_CV)	7.2	C	10.5	5.8
— PAB_S1.PT_69_V_REAL.F_CV	Seal Monitor Vacuum	0.0001	Torr	0.0010	0.0001
— PAB_S1.AE_350_AR_REAL.PPB.F_CV	ppb version for plotting (F_CV)	-1.4	ppb	-0.9	-1.8
— PAB_S1.TE_324_AR_REAL.F_CV	Luke material elevator RTD (F_CV)	171	K	223	154

5/28/2010 10:00:00 AM

6/3/2010 10:00:00 AM

