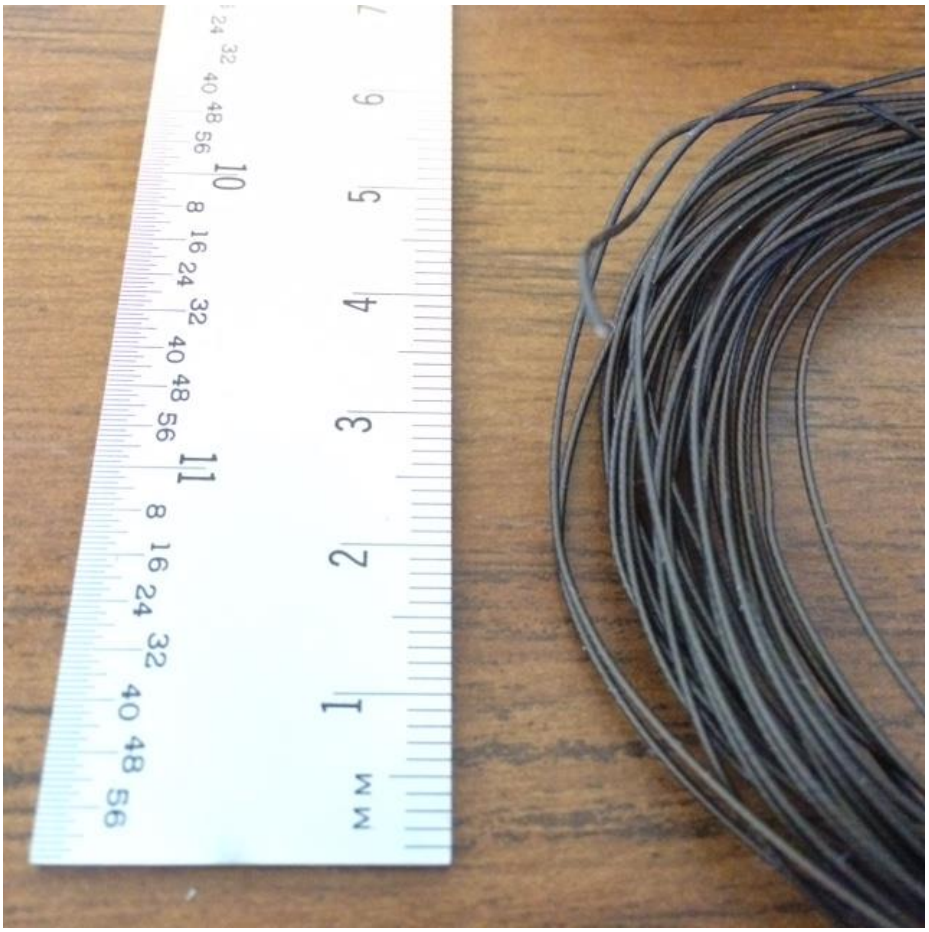
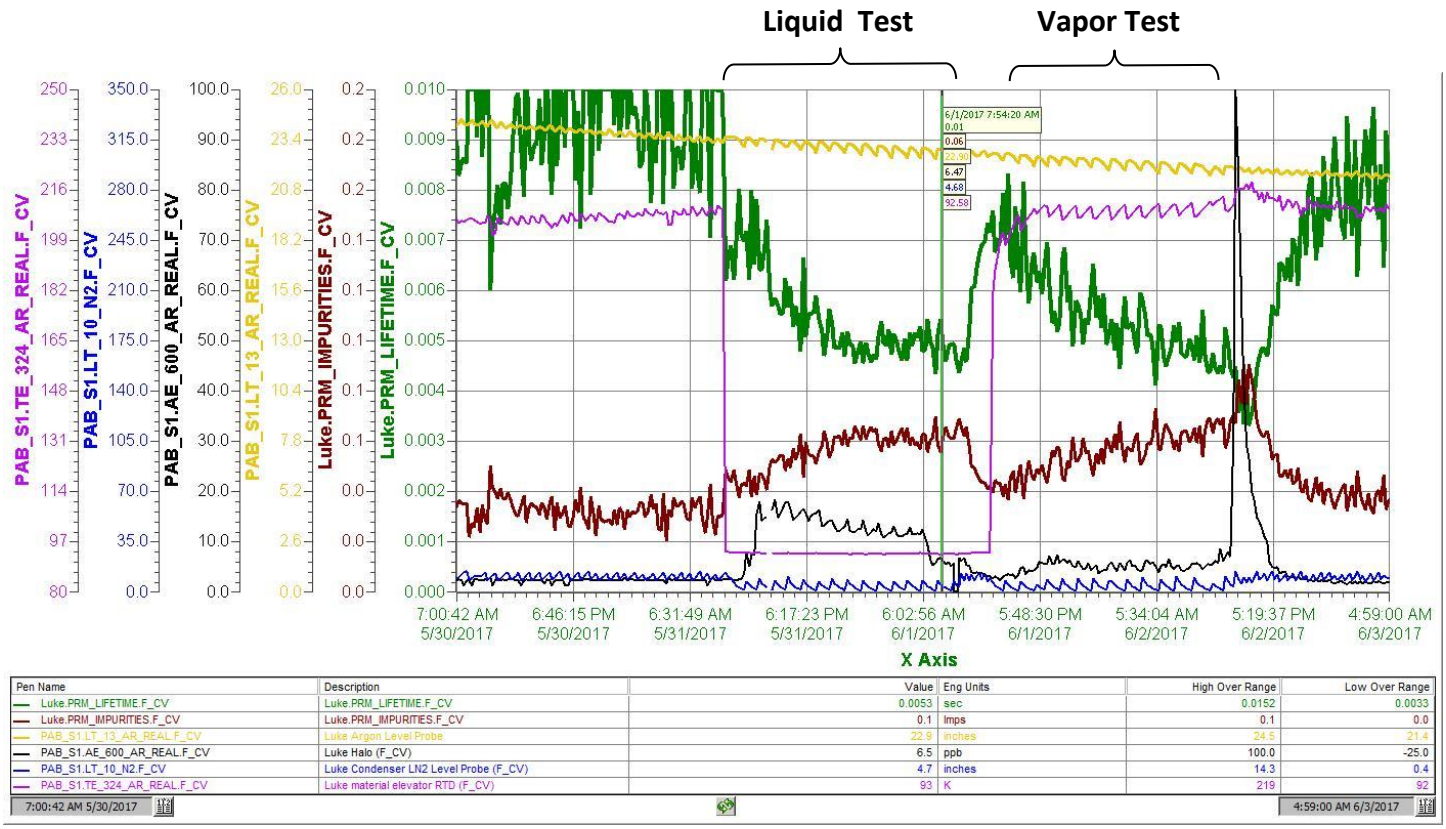
PFA Axon Cable Test 5/30/2017 – 6/23/2017

PAB Materials Test System	
Date of Receipt	7/26/17 , logbook entry # 5971
Sample Name/Description	Axon PFA Cable
Sample	
Composition:	extruded PFA
Weight:	~ 8 g
Dimensions/Area:	dia ~0.63 mm (0.025 inch) , length ~2 m
Source:	Terri Shaw, Anselmo Cervera
Preparation:	non
Time in the airlock(hrs)	
Vacuum:	10 min
Purge	24.5 hours with gas Argon from Luke
Liquid Test	
Start Time/Date, End Time/Date :	5/31/2017 10:26 am, 6/1/2017 9:45 am
Condenser state:	on
Filter state/settings:	off
H20 reading:	6 - 10 ppb
Temperature:	93 K
Liquid Level	23.4 - 22.7 inches
Lifetime:	5 ms
VaporTest	
Start Time/Date, End Time/Date :	6/1/2017 12:52 pm, 6/2/2017 1:25 pm
Condenser state:	on
Filter state/settings:	off
H20 reading:	5-8 ppb
Temperature:	2015 - 212 K
Liquid Level	22.7 - 22.0 inches
Lifetime:	4.75 ms
Room Temperature Test	
Start Time/Date, End Time/Date :	6/22/2017 4:01:00 PM, 6/23/1017
Condenser state:	on
Filter state/settings:	off
H20 reading:	25 - 30 ppb
Temperature:	warm
Liquid Level	24 - 23.5 inches
Lifetime:	2.7 ms
Zero Test (at room temp)	
Start Time/Date, End Time/Date :	6/28/2017 3:50 pm, 6/29/2017 4:10 pm
Condenser state:	on
Filter state/settings:	off
H20 reading:	30 - 35 ppb
Temperature:	warm
Liquid Level	20.1 - 19.6 inches
Lifetime:	2.6 - 3 ms


ORDER :
REF : P556951A^B
P556951A^B
ROHS
DIM :
QUANT : 010 M / 1 length(s)
BATCH : F50189 february 2017
PT2807 BLACK
MOr axon'
G.A.M
CF049
1047020B
PK n °200649





Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.0053	sec	0.0152	0.0033
Luke.PRM_IMPURITIES.F_CV	Luke.PRM_IMPURITIES.F_CV	0.1	Imps	0.1	0.0
PAB_S1.LT_13_AR_REAL.F_CV	Luke Argon Level Probe	22.9	inches	24.5	21.4
PAB_S1.AE_600_AR_REAL.F_CV	Luke Halo (F_CV)	6.5	ppb	100.0	-25.0
PAB_S1.LT_10_N2.F_CV	Luke Condenser LN2 Level Probe (F_CV)	4.7	inches	14.3	0.4
PAB_S1.TE_324_AR_REAL.F_CV	Luke material elevator RTD (F_CV)	93	K	219	92

7:00:42 AM 5/30/2017 — 4:59:00 AM 6/3/2017

Lifetime – green pen

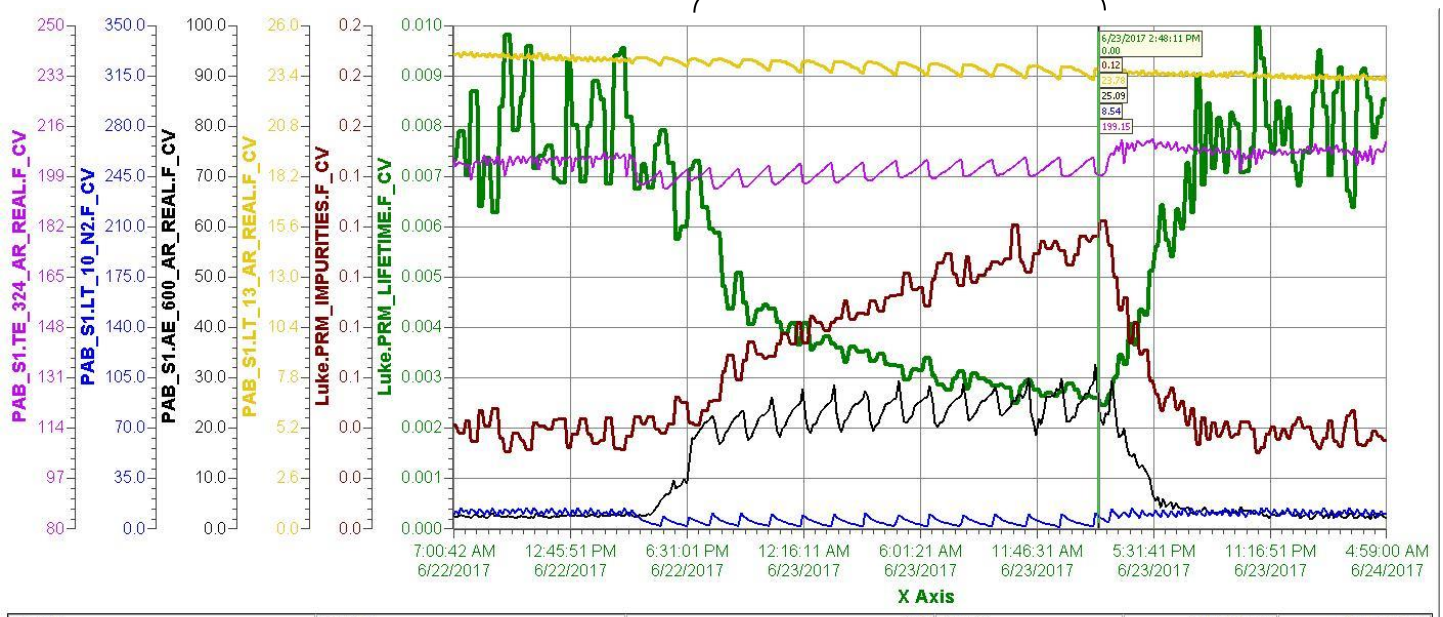
Impurities – brown pen

Liquid level – yellow pen

Water – black pen

Temperature – magenta pen

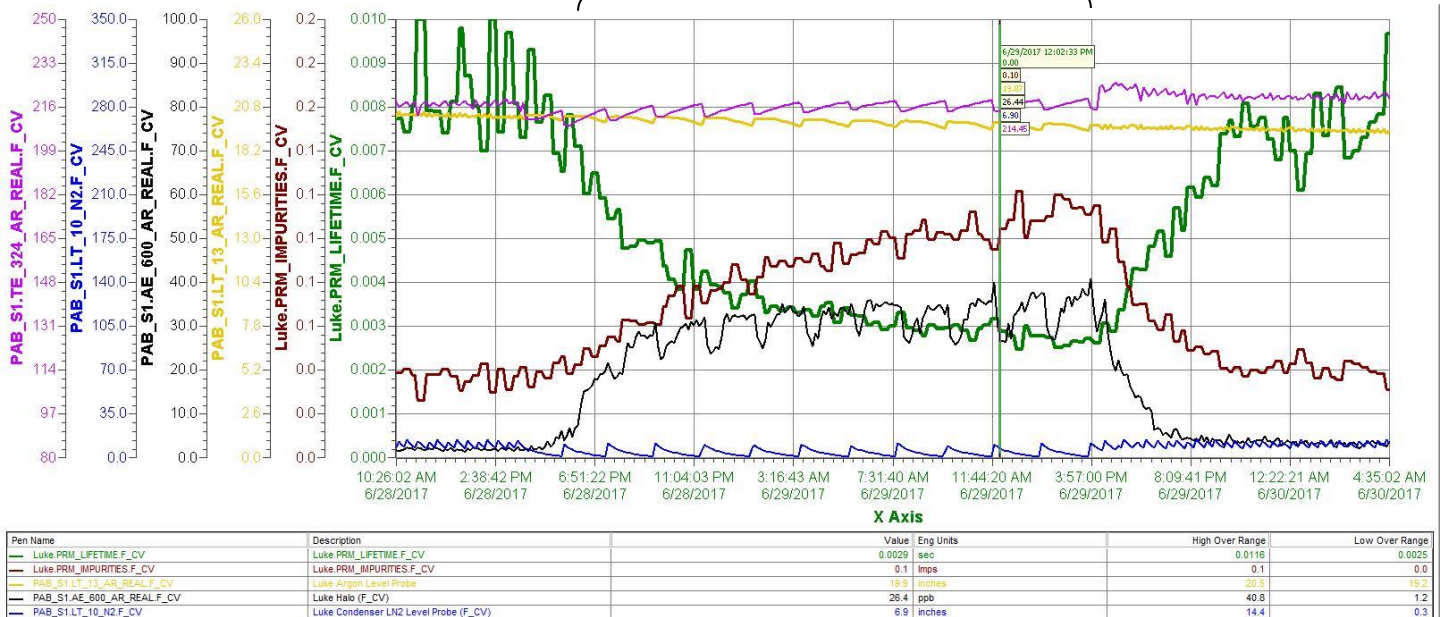
Room Temperature Test



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.0026	sec	0.0100	0.0025
Luke.PRM_IMPURITIES.F_CV	Luke.PRM_IMPURITIES.F_CV	0.1	lmps	0.1	0.0
PAB_S1.LT_13_AR_REAL.F_CV	Luke Argon Level Probe	23.8	inches	24.6	23.1
PAB_S1.AE_600_AR_REAL.F_CV	Luke Halo (F_CV)	25.1	ppb	32.7	1.8
PAB_S1.LT_10_N2.F_CV	Luke Condenser LN2 Level Probe (F_CV)	8.5	inches	14.4	0.9
PAB_S1.TE_324_AR_REAL.F_CV	Luke material elevator RTD (F_CV)	199	K	212	195

7:00:42 AM 6/22/2017 — 4:59:00 AM 6/24/2017

Zero Test (at room temp.)



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.0029	sec	0.0116	0.0025
Luke.PRM_IMPURITIES.F_CV	Luke.PRM_IMPURITIES.F_CV	0.1	lmps	0.1	0.0
PAB_S1.LT_13_AR_REAL.F_CV	Luke Argon Level Probe	19.9	inches	20.5	19.2
PAB_S1.AE_600_AR_REAL.F_CV	Luke Halo (F_CV)	26.4	ppb	40.8	1.2
PAB_S1.LT_10_N2.F_CV	Luke Condenser LN2 Level Probe (F_CV)	6.9	inches	14.4	0.3
PAB_S1.TE_324_AR_REAL.F_CV	Luke material elevator RTD (F_CV)	214	K	225	209

10:26:02 AM 6/28/2017 — 4:35:02 AM 6/30/2017