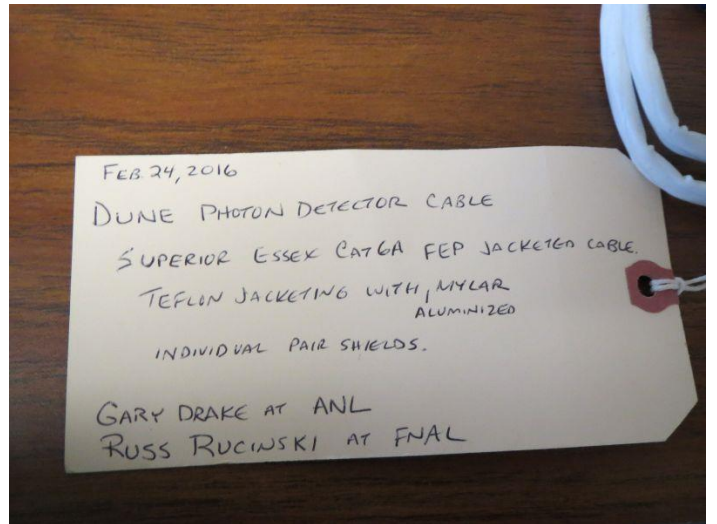
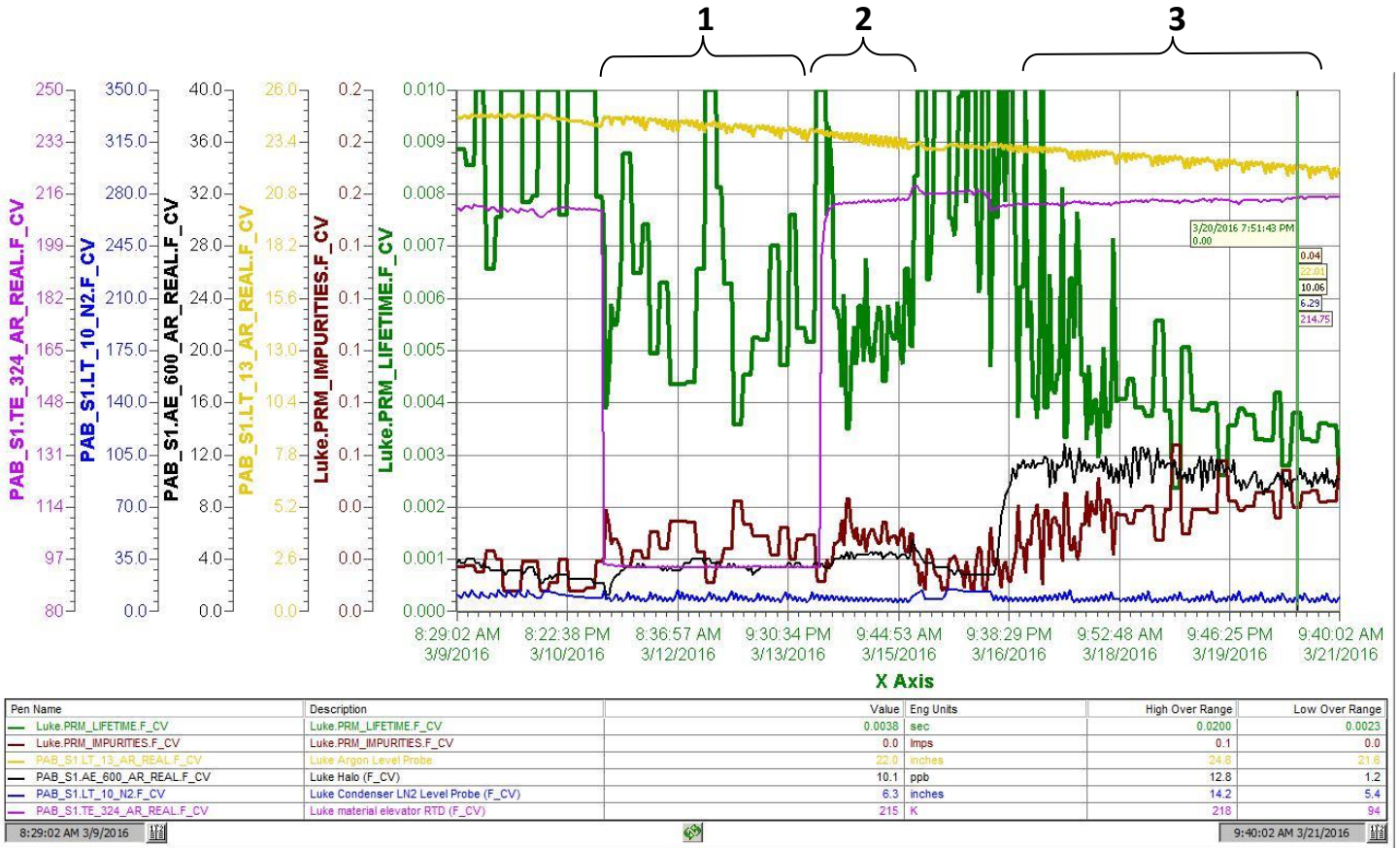


DUNE Superior Essex Cat 6A Test 3/11/2016 – 3/21/2016

<i>PAB Materials Test System</i>	
Date of Receipt	3/25/15 , logbook entry # 5198
Sample Name/Description	Superior Essex Cat 6A cable
	Dune Photon Detector Cable
Sample	
Composition:	Teflon Jaceting with Mylar Aluminized Individual Pair Shields
Picture Location:	data base
Weight:	94.5 g
Dimensions/Area:	length approx. 146 cm, dia aprox 6.5 mm
Source:	Russ Rucinski, Patrick De Lurgio, Gary Drake
Preparation:	dry clean
Submerging in LAr or LH2	x
Time in the airlock(hrs)	
Vacuum:	
Purge	22 hours with gas Argon from Luke
Liquid Test	
Start Time/Date, End Time/Date :	3/11/2016 10:35 AM , 3/14/2016 8:25 AM
PrM run # :	27035
Condenser state:	on
Filter state/settings:	off
H2O reading:	3 ppb
Temperature:	95 K
Liquid Level	23.3 inches
Lifetime:	6 ms
VaporTest	
Start Time/Date, End Time/Date :	3/14/2016 8:25 AM, 3/15/2016 1:23 PM
PrM run # :	27062
Condenser state:	on
Filter state/settings:	off
H2O reading:	4 ppb
Temperature:	214 - 215 K
Liquid Level	23.1 inches
Lifetime:	5-6 ms
Room Temperature Test	
Start Time/Date, End Time/Date :	3/16/2016 3:50 PM, 3/21/2016 9:40 AM
PrM run # :	27116
Condenser state:	on
Filter state/settings:	off
H2O reading:	10 ppb
Temperature:	room
Liquid Level	23-21.5 inches
Lifetime:	2.5 - 4 ms



1. Liquid test
2. Vapor Test
3. Room Temp.



Lifetime – green pen

Impurities – brown pen

Liquid level – yellow pen

Water – black pen

Temperature – magenta pen

