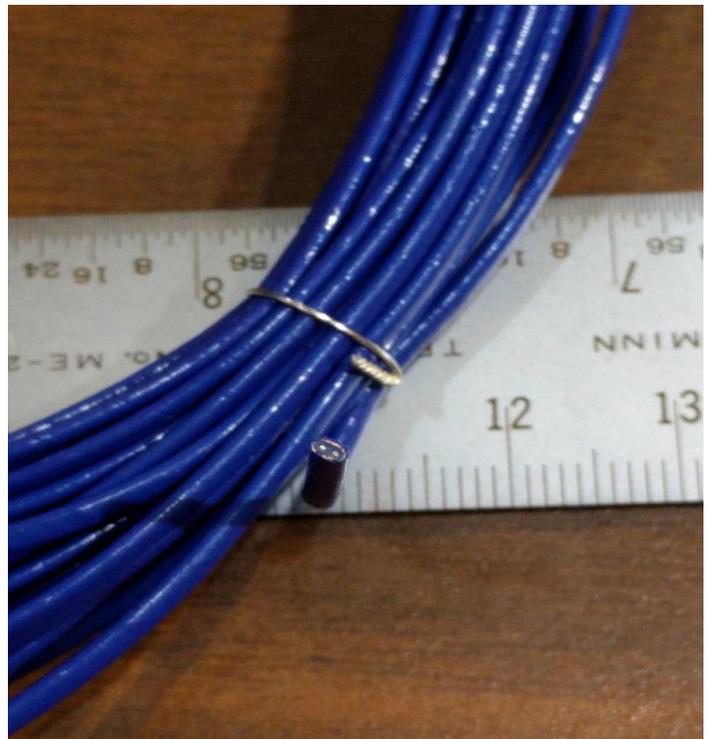


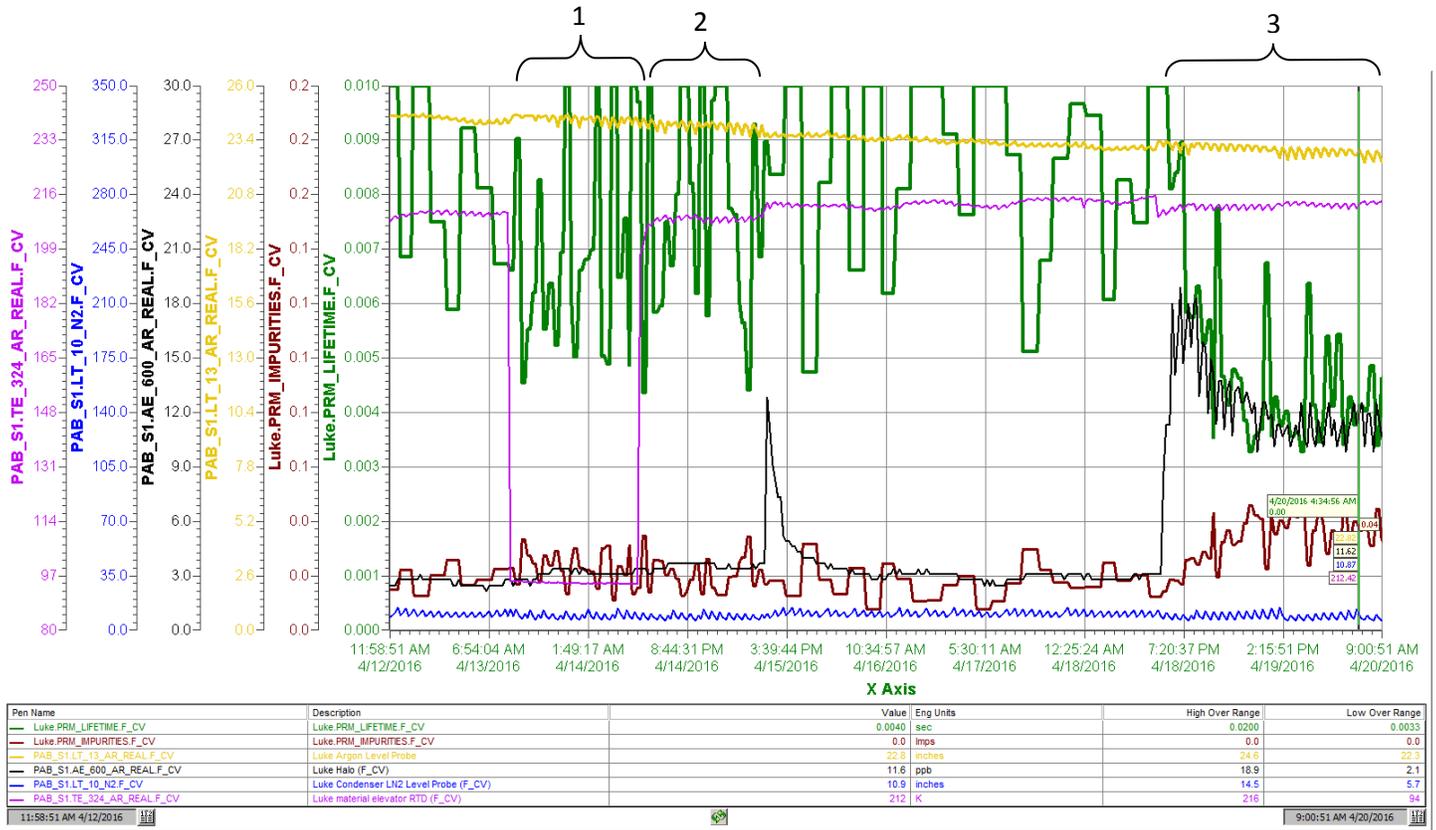
DUNE Samtec 30awg THV insulated twinax cable Test

4/12/2016 – 4/20/2016

<i>PAB Materials Test System</i>	
Date of Receipt	4/21/15 , logbook entry # 5216
Sample Name/Description	Samtec 30awg THV Dune insulated twinax cable
Sample	
Composition:	Teflon jacket
Picture Location:	data base
Weight:	58.9 g
Dimensions/Area:	length approx. 1102 cm, dia aprox 1.5 mm
Source:	Chen Huncheng
Preparation:	dry clean
Submerging in LAr or LH2	x
Time in the airlock(hrs)	
Vacuum:	
Purge	24 hours with gas Argon from Luke
Liquid Test	
Start Time/Date, End Time/Date :	4/13/2016 11:15 AM , 4/14/2016 11:20 AM
PrM run # :	27462
Condenser state:	on
Filter state/settings:	off
H2O reading:	2.7 ppb
Temperature:	95 K
Liquid Level	23.9 inches
Lifetime:	8 ms
VaporTest	
Start Time/Date, End Time/Date :	4/14/2016 11:20 AM, 4/15/2016 11:15 AM
PrM run # :	27486
Condenser state:	on
Filter state/settings:	off
H2O reading:	3.3 ppb
Temperature:	211 K
Liquid Level	23.7 inches
Lifetime:	7-8 ms
Room Temperature Test	
Start Time/Date, End Time/Date :	4/18/2016 2:20 PM, 4/20/2016 10:15 AM
PrM run # :	27536
Condenser state:	on
Filter state/settings:	off
H2O reading:	11.6 ppb
Temperature:	room
Liquid Level	22.5 inches
Lifetime:	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