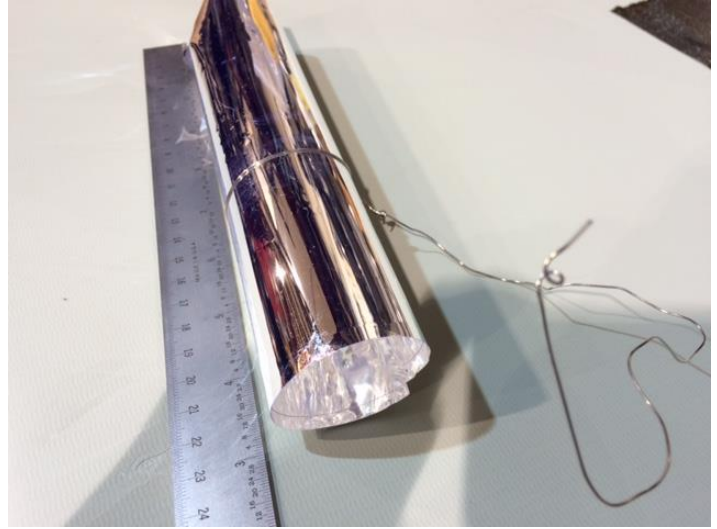
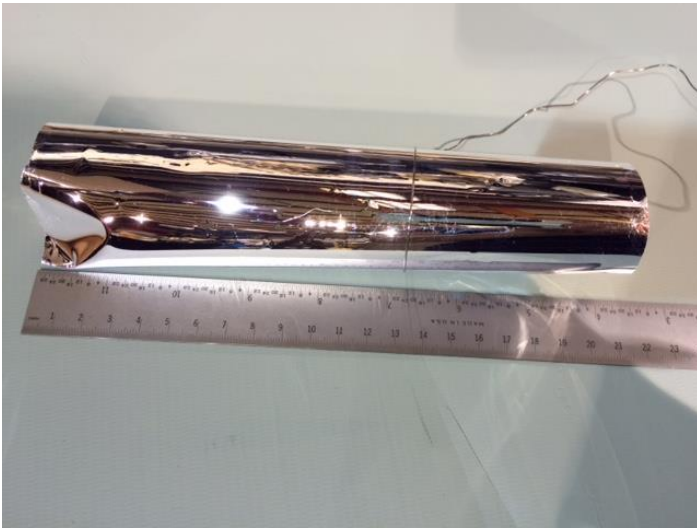
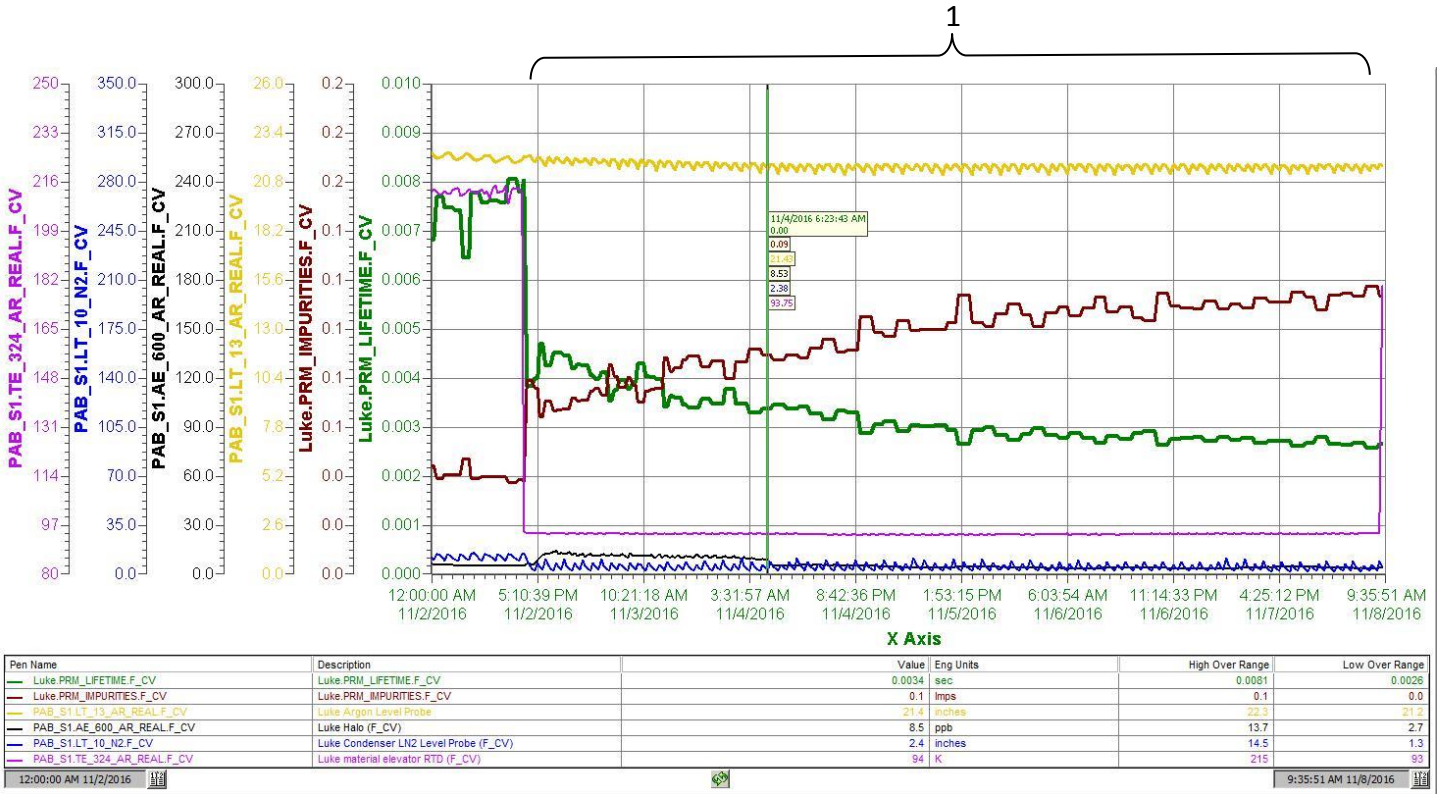


Reflective Foil Test 11/2/2016 – 11/8/2016

<i>PAB Materials Test System</i>	
Date of Receipt	11/10/16 , logbook entry # 5498
Sample Name/Description	reflective Foil, manufacturer 3M-70001200917
	ESR W/Adhesive 8x10" sheet
Sample	
Composition:	polymeric film + pressure-sensitive adhesive
Picture Location:	data base
Weight:	7 g
Dimensions/Area:	rolled dia 40 mm length 200 mm
Source:	Brian Rebel, foil intended for use in SBND
Preparation:	
Submerging in LAr or LH2	x
Time in the airlock(hrs)	
Vacuum:	10 min
Purge	24 hours with gas Argon from Luke
Liquid Test after 24 hours	
Start Time/Date, End Time/Date :	11/2/2016 3:06 PM , 11/3/2016
PrM run # :	x
Condenser state:	on
Filter state/settings:	off
H2O reading:	9-11 ppb after 24 hours
Temperature:	95 K
Liquid Level	21.8 inches
Lifetime:	3.5-4.3 ms
Liquid Test after 6 days	
Start Time/Date, End Time/Date :	11/2/2016 3:06 PM , 11/8/2016
PrM run # :	x
Condenser state:	on
Filter state/settings:	off
H2O reading:	HALO not connected
Temperature:	95 K
Liquid Level	21.4 inches
Lifetime:	2.6-3 ms



1. Liquid test



Lifetime – green pen

Impurities – brown pen

Liquid level – yellow pen

Water – black pen

Temperature – magenta pen

