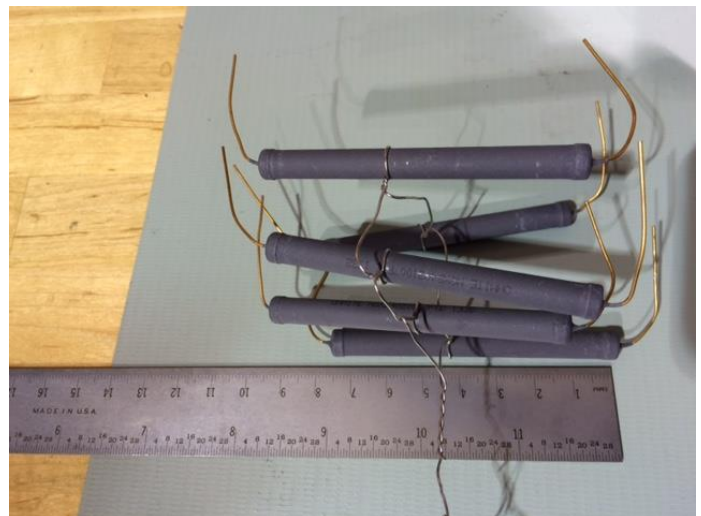
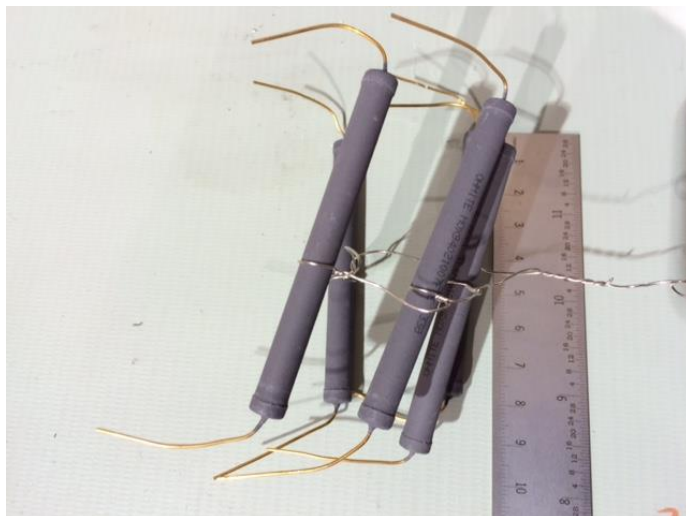
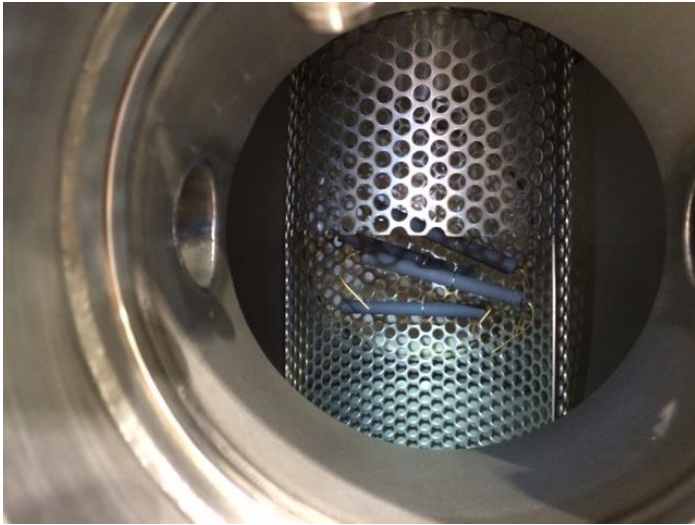


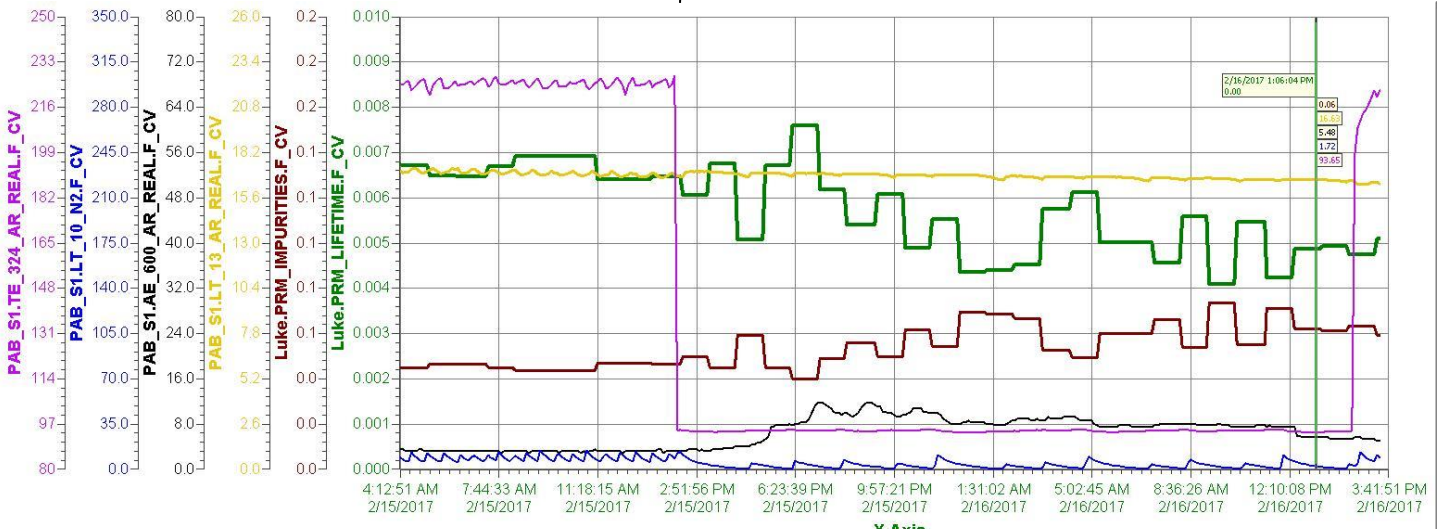
OHMITE HV Resistors Test 2/14/2017 – 2/16/2017

<i>PAB Materials Test System</i>	
Date of Receipt	2/22/17 , logbook entry # 5748
Sample Name/Description	5 OHMITE SuperMOX 940 resistors (model # MOX94021007FTE)
Sample	
Composition:	encaps:Silicone Conformal coating, terminal: Gold Plated (core:Al2O3, resistor:Ruthenium Oxide)
Picture Location:	data base
Weight:	approximately 60.5 g total
Dimensions/Area:	L app. 76 mm, dia. app. 7.5 mm, terminal app. 35 mm
Source:	Cheng-Ju Stephen Lin, LBL, ProtoDune-SP
Preparation:	no cleaning
Submerging in LN2	
Time in the airlock(hrs)	
Vacuum:	10 min
Purge	24 hours with gas Argon from Luke
Liquid Test	
Start Time/Date, End Time/Date :	2/15/2017 2:22 pm, 2/16/2017 2:28 pm
PrM run # :	x
Condenser state:	on
Filter state/settings:	off
H2O reading:	5-8 ppb
Temperature:	95 K
Liquid Level	16.8 to 16.5 inches
Lifetime:	4-5 ms





Liquid test



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
— Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.0049	sec	0.0076	0.0041
— 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	16.6	inches	17.3	16.7
— PAB_S1.AE_600.AR.REAL.F_CV	Luke Halo (F_CV)	5.5	ppb	11.6	2.7
— PAB_S1.LT_10.N2.F_CV	Luke Condenser LN2 Level Probe (F_CV)	1.7	inches	14.3	-0.0
— PAB_S1.TE_324.AR.REAL.F_CV	Luke material elevator RTD (F_CV)	94	K	228	93

Lifetime – green pen

Impurities – brown pen

Liquid level – yellow pen

Water – black pen

Temperature – magenta pen

