

**MicroBooNE RG58U Cable Test 4/22/2013 – 4/25/2013**

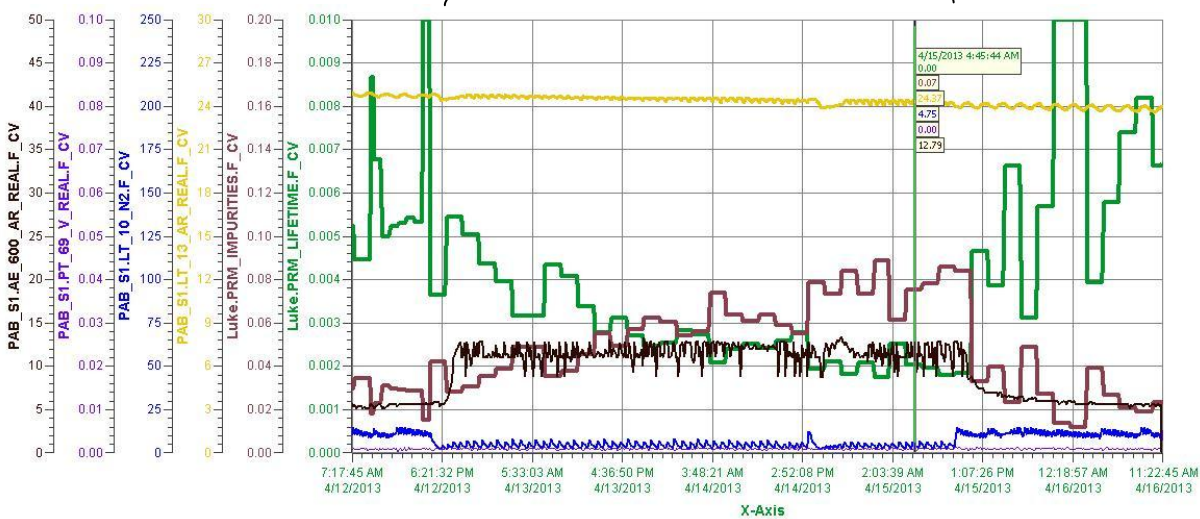
<b><i>PAB Materials Test System</i></b>	
<b>Date of Receipt</b>	5/15/2013, logBook entry # 3579
<b>Sample Name/Description</b>	Cable RG58U Coaxial cable, Allied Wire&Cable, part # 4580B Conductor AWG 20/ Solid BC RG-58/U Jacket material is FEP, wall 0.015"
<b>Picture Location:</b>	data base
<b>Weight:</b>	193.9 g
<b>Dimensions/Area:</b>	overall O.D. 0.161", length - approximately 200 inches (in roll)
<b>Source:</b>	Tepei Katori
<b>Preparation:</b>	Dry clean
<b>Zero Test</b>	4/12/2013
<b>Lifetime:</b>	2 ms
<b>Time in the airlock(hrs)</b>	
<b>Purge:</b>	27 hours
<b>Vacuum:</b>	x
<b>Room Temperature</b>	
<b>Start Time/Date, End Time/Date :</b>	4/22/2013 3:35 PM, 4/25/2013 11:30 am
<b>PrM run # :</b>	17133
<b>Condenser state:</b>	on
<b>Filter state:</b>	off
<b>O2 reading:</b>	x
<b>H2O reading:</b>	35-20 ppb
<b>Lifetime:</b>	2 ms
<b>Results/comments</b>	



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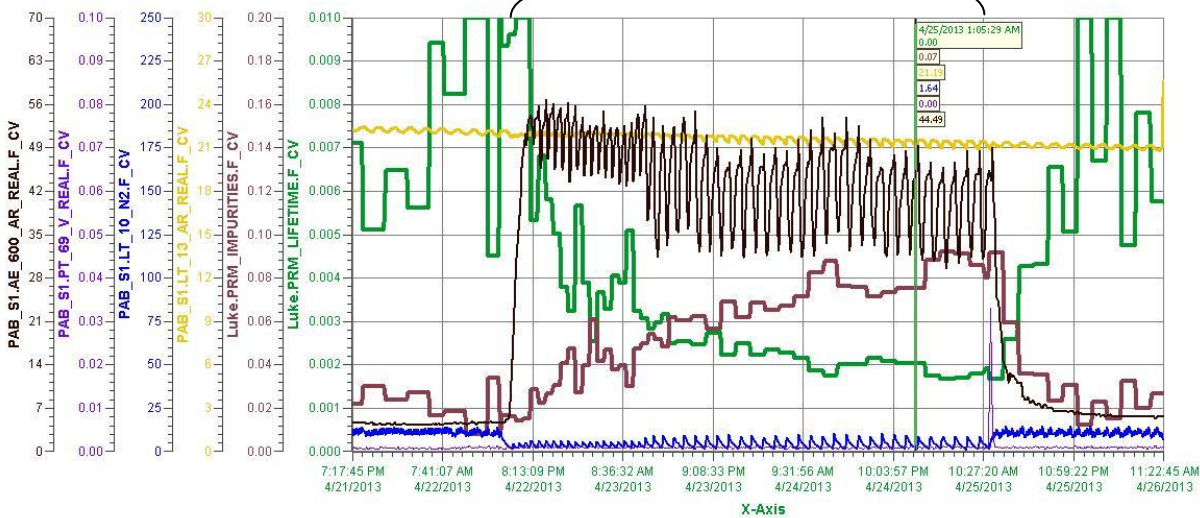
1. Zero test.
2. Warm test.

1



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
— Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.00202	sec	0.01303	0.00171
— Luke.PRM_IMPURITIES.F_CV	Luke.PRM_IMPURITIES.F_CV	0.0744	imps	0.0878	0.0115
— PAB_S1.LT_13.AR.REAL.F_CV	Luke Argon Level Probe	24.4	inches	24.9	23.6
— PAB_S1.LT_10.N2.F_CV	Luke Condenser LN2 Level Probe (F_CV)	4.7	inches	14.5	1.5
— PAB_S1.PT_69.V.REAL.F_CV	Seal Monitor Vacuum	0.0007	Torr	0.0051	0.0001
— PAB_S1.AE_600.AR.REAL.F_CV	Luke Halo (F_CV)	12.8	ppb	13.3	-6.7

2



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
— Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.00201	sec	0.02000	0.00164
— Luke.PRM_IMPURITIES.F_CV	Luke.PRM_IMPURITIES.F_CV	0.0745	imps	0.0916	0.0075
— PAB_S1.LT_13.AR.REAL.F_CV	Luke Argon Level Probe	21.2	inches	25.7	20.8
— PAB_S1.LT_10.N2.F_CV	Luke Condenser LN2 Level Probe (F_CV)	1.8	inches	14.4	0.7
— PAB_S1.PT_69.V.REAL.F_CV	Seal Monitor Vacuum	0.0012	Torr	0.0330	0.0004
— PAB_S1.AE_600.AR.REAL.F_CV	Luke Halo (F_CV)	44.5	ppb	56.7	4.1