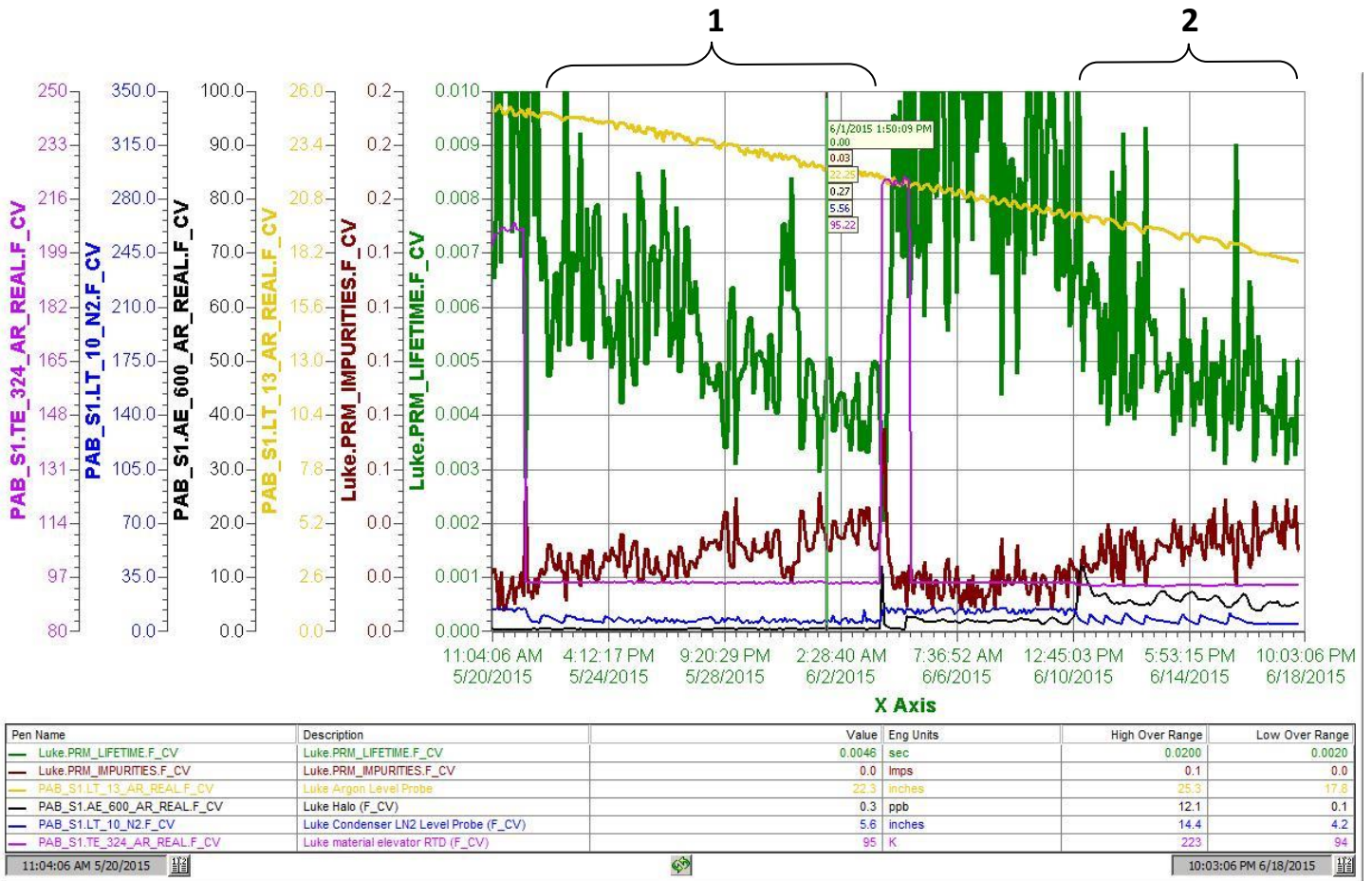


<i>PAB Materials Test System</i>	
Date of Receipt	6/18/2015 eLog entry # 5105
Sample Name/Description	piece of carbon fiber hollow box cross section beam
Sample	
Composition:	carbon fiber
Picture Location:	data base
Weight:	85.5 g
Dimensions/Area:	75 mm x 75 mm/wall 3 mm, length 60 mm
Source:	Trevor Gamble, University of Sheffield,UK
Preparation:	cleaned with alcohol
Submerging in LAr or LH2	x
Time in the airlock(hrs)	
Purge:	x
Vacuum:	25 hours
Liquid Test	
Start Time/Date, End Time/Date :	5/21/2015 5:52 PM, 6/3/2015 2:20 PM
PrM run # :	24247
Condenser state:	on
Filter state:	off
H2O reading:	no water reading
Liquid level:	25 inches
Temperature:	95 K
Lifetime:	slowly decreased from 7-10 ms to 3-5 ms.
Zero Test	
Start Time/Date, End Time/Date :	6/10/2015, 6/18/2015
PrM run # :	24444
Condenser state:	on
Filter state/settings:	off
H2O reading:	increased to 6 ppb
Temperature:	95 K
Lifetime:	slowly decreased, stayed in 3-5 ms range for the last few days
Results/comments	no difference in results for sample in cage / empty cage tests



1. Liquid test.
2. Zero test.



- Green pen - lifetime
- Yellow pen - liquid level
- Magenta pen - temperature
- Brown pen - impurities
- Black pen - water