

Photon Sciences Directorate, Brookhaven National Laboratory			
Doc No. PS-C-ASD-PRC-062	Author: A. Castiblanco	Effective Date: 25Apr2014 Review Frequency: 3 yrs	Version 2
Title: ARM and EPICS Interface Integration Test			Technical

Attachment A
ARM Digital Display/Controller and EPICS Interface Integration Test Data Sheet

Note: A new Test Data Sheet shall be completed for each ARM Digital Display/Controller.

Reason for Test: Annual New Installation New Location
 EEPROM Firmware Version Change EPICS Communication Software Version Change
 Version Tested 1.03B1 Version Tested _____

Freq(Hz) /expected mR/h			HVP Width Set to "0"	51 / 0.01		150 / 1.00		1,050 / 10.00		10,050 / 100.00		100,050 / > 1000		COMM. FAILURE	FAIL after 60 sec		HVP Width Set to "70"
Serial #	mR/h			DEVICE	EPICS	DEVICE	EPICS	DEVICE	EPICS	DEVICE	EPICS	DEVICE	EPICS		DEVICE	EPICS	
END407 0017				101	.01	1.00	1.00	10.01	10.01	100.07	100.07	1000.50	1000.50	RED LED		RED LED	
Date	7/13/2016	Freq (Hz)	<input checked="" type="checkbox"/>	51		150		1,050		10,050		100,050		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Location	FAM-BMI)	LED Indicator		Green	Green	Green	Green	Red	Red	Red	Red	Red	Red				

Tester Name: Stephen Kowalski **Signature:** [Signature] **Date:** 7/12/2016
RCD Staff Name: KIM WETHEMER **Signature:** [Signature] **Date:** 7/13/16

yellow light = 1.06 mR/h

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