

VME Intensity Monitor - Support #12746

DCCT Change Driver to read Integer, Not Short.

05/20/2016 04:52 PM - Roger Tokarek

Status:	Closed	Start date:	05/20/2016
Priority:	Normal	Due date:	
Assignee:	Roger Tokarek	% Done:	100%
Category:	Engineering	Estimated time:	1.00 hour
Target version:		Spent time:	4.00 hours
Description			
Email Request from Engineering:			
Can you verify the following mapping of devices?			
Z:DCCTA1 - x118 (D32)			
Z:DCCTA2 - x11C (D32)			
Z:DCCTA3 - x120 (D32)			
Z:DCCTA2 and Z:DCCTA3 should be readout the same value, but they are not.			
Could check this as well?			
Also, it would be better to start the numeration with 0 instead of 1.			
Can we change Z:DCCTA1 to Z:DCCTA0, and so forth?			

History

#1 - 05/23/2016 10:07 AM - Roger Tokarek

Renamed to Z:DCCTA0, Z:DCCTA1, Z:DCCTA2, see page D150 ANUB p6.

Corrected return value from signed short to signed int.

Changed SSDN Device ID to 0x0001, now returns counts directly from the DAC Register. (See Bug [#12749](#).)

Engineering check confirms return values. A1 != A2 appears to be a firmware issue.

#2 - 05/23/2016 10:09 AM - Roger Tokarek

- % Done changed from 0 to 100

#3 - 05/23/2016 10:27 AM - Roger Tokarek

- Status changed from New to Closed