**ZB485-MODBUS Test Result**

Scanjet Macron

1. MODBUS Address
   1. RS485 Port 1

|  |  |  |
| --- | --- | --- |
| Rotary Switch | Address | Result |
| 0 | 10 | OK |
| 1 | 11 | OK |
| 2 | 12 | OK |
| 3 | 13 | OK |
| 4 | 14 | OK |
| 5 | 15 | OK |
| 6 | 16 | OK |
| 7 | 17 | OK |
| 8 | 18 | OK |
| 9 | 19 | OK |
| 10 | 20 | OK |
| 11 | 21 | OK |
| 12 | 22 | OK |
| 13 | 23 | OK |
| 14 | 24 | OK |
| 15 | 25 | OK |

* 1. RS485 Port 2

|  |  |  |
| --- | --- | --- |
| Rotary Switch | Address | Result |
| 0 | 10 | OK |
| 1 | 11 | OK |
| 2 | 12 | OK |
| 3 | 13 | OK |
| 4 | 14 | OK |
| 5 | 15 | OK |
| 6 | 16 | OK |
| 7 | 17 | OK |
| 8 | 18 | OK |
| 9 | 19 | OK |
| 10 | 20 | OK |
| 11 | 21 | OK |
| 12 | 22 | OK |
| 13 | 23 | OK |
| 14 | 24 | OK |
| 15 | 25 | OK |

1. Port Power

|  |  |  |  |
| --- | --- | --- | --- |
| Test | Coil Write | Coil Read | Port Voltage |
| PORT-1 Power Off | OK | OK | OK |
| PORT-1 Power On | OK | OK | OK |
| PORT-2 Power Off | OK | OK | OK |
| PORT-2 Power On | OK | OK | OK |
| PORT-3 Power Off | OK | OK | OK |
| PORT-3 Power On | OK | OK | OK |
| PORT-4 Power Off | OK | OK | OK |
| PORT-4 Power On | OK | OK | OK |
| PORT-5 Power Off | OK | OK | OK |
| PORT-5 Power On | OK | OK | OK |
| PORT-6 Power Off | OK | OK | OK |
| PORT-6 Power On | OK | OK | OK |
| PORT-7 Power Off | OK | OK | OK |
| PORT-7 Power On | OK | OK | OK |
| PORT-8 Power Off | OK | OK | OK |
| PORT-8 Power On | OK | OK | OK |
| Multi Power Off | OK | OK | OK |
| Multi Power On | OK | OK | OK |
| Single Read | OK | | |

1. Port Communication Status

|  |  |
| --- | --- |
| Test | Read |
| PORT-1 Status | OK |
| PORT-2 Status | OK |
| PORT-3 Status | OK |
| PORT-4 Status | OK |
| PORT-5 Status | OK |
| PORT-6 Status | OK |
| PORT-7 Status | OK |
| PORT-8 Status | OK |

1. Port Sensor Type

|  |  |  |
| --- | --- | --- |
| Test | Read | Write |
| PORT-1 | OK | OK |
| PORT-2 | OK | OK |
| PORT-3 | OK | OK |
| PORT-4 | OK | OK |
| PORT-5 | OK | OK |
| PORT-6 | OK | OK |
| PORT-7 | OK | OK |
| PORT-8 | OK | OK |

1. Response Delay

|  |  |  |
| --- | --- | --- |
| Test | Read | Write |
| RS485 PORT-1 | OK | OK |
| Rs485 PORT-2 | OK | OK |

1. EEPROM Loading After Power Cycle

|  |  |
| --- | --- |
| Test | Read |
| PORT Power | OK |
| PORT Sensor Type | OK |
| Response Delay | OK |

1. EEPROM Content Reset

|  |  |  |  |
| --- | --- | --- | --- |
| Test | Result | | |
| Read | OK | | |
| Write 0 (No Effect) | OK | | |
| Write 1 (Reset) | Port Power | Port Sensor Type | Response Delay |
| OK | OK | OK |

1. Version

|  |  |
| --- | --- |
| Test | Result |
| Read | OK |

1. Running Mode

|  |  |
| --- | --- |
| Test | Result |
| Read | OK |
| Write | OK |

1. ANSGCNV Channel Status/Value

|  |  |  |
| --- | --- | --- |
| Test | Status | Value |
| PORT-1 CH1 | OK | OK |
| PORT-1 CH2 | OK | OK |
| PORT-1 CH3 | OK | OK |
| PORT-1 CH4 | OK | OK |
| PORT-1 CH5 | OK | OK |
| PORT-1 CH6 | OK | OK |
| PORT-1 CH7 | OK | OK |
| PORT-1 CH8 | OK | OK |
| PORT-1 CH9 | OK | OK |
| PORT-1 CH10 | OK | OK |
| PORT-1 CH11 | OK | OK |
| PORT-1 CH12 | OK | OK |
| PORT-1 CH13 | OK | OK |
| PORT-1 CH14 | OK | OK |
| PORT-2 CH1 | OK | OK |
| PORT-2 CH2 | OK | OK |
| PORT-2 CH3 | OK | OK |
| PORT-2 CH4 | OK | OK |
| PORT-2 CH5 | OK | OK |
| PORT-2 CH6 | OK | OK |
| PORT-2 CH7 | OK | OK |
| PORT-2 CH8 | OK | OK |
| PORT-2 CH9 | OK | OK |
| PORT-2 CH10 | OK | OK |
| PORT-2 CH11 | OK | OK |
| PORT-2 CH12 | OK | OK |
| PORT-2 CH13 | OK | OK |
| PORT-2 CH14 | OK | OK |
| PORT-3 CH1 | OK | OK |
| PORT-3 CH2 | OK | OK |
| PORT-3 CH3 | OK | OK |
| PORT-3 CH4 | OK | OK |
| PORT-3 CH5 | OK | OK |
| PORT-3 CH6 | OK | OK |
| PORT-3 CH7 | OK | OK |
| PORT-3 CH8 | OK | OK |
| PORT-3 CH9 | OK | OK |
| PORT-3 CH10 | OK | OK |
| PORT-3 CH11 | OK | OK |
| PORT-3 CH12 | OK | OK |
| PORT-3 CH13 | OK | OK |
| PORT-3 CH14 | OK | OK |
| PORT-4 CH1 | OK | OK |
| PORT-4 CH2 | OK | OK |
| PORT-4 CH3 | OK | OK |
| PORT-4 CH4 | OK | OK |
| PORT-4 CH5 | OK | OK |
| PORT-4 CH6 | OK | OK |
| PORT-4 CH7 | OK | OK |
| PORT-4 CH8 | OK | OK |
| PORT-4 CH9 | OK | OK |
| PORT-4 CH10 | OK | OK |
| PORT-4 CH11 | OK | OK |
| PORT-4 CH12 | OK | OK |
| PORT-4 CH13 | OK | OK |
| PORT-4 CH14 | OK | OK |
| PORT-5 CH1 | OK | OK |
| PORT-5 CH2 | OK | OK |
| PORT-5 CH3 | OK | OK |
| PORT-5 CH4 | OK | OK |
| PORT-5 CH5 | OK | OK |
| PORT-5 CH6 | OK | OK |
| PORT-5 CH7 | OK | OK |
| PORT-5 CH8 | OK | OK |
| PORT-5 CH9 | OK | OK |
| PORT-5 CH10 | OK | OK |
| PORT-5 CH11 | OK | OK |
| PORT-5 CH12 | OK | OK |
| PORT-5 CH13 | OK | OK |
| PORT-5 CH14 | OK | OK |
| PORT-6 CH1 | OK | OK |
| PORT-6 CH2 | OK | OK |
| PORT-6 CH3 | OK | OK |
| PORT-6 CH4 | OK | OK |
| PORT-6 CH5 | OK | OK |
| PORT-6 CH6 | OK | OK |
| PORT-6 CH7 | OK | OK |
| PORT-6 CH8 | OK | OK |
| PORT-6 CH9 | OK | OK |
| PORT-6 CH10 | OK | OK |
| PORT-6 CH11 | OK | OK |
| PORT-6 CH12 | OK | OK |
| PORT-6 CH13 | OK | OK |
| PORT-6 CH14 | OK | OK |
| PORT-7 CH1 | OK | OK |
| PORT-7 CH2 | OK | OK |
| PORT-7 CH3 | OK | OK |
| PORT-7 CH4 | OK | OK |
| PORT-7 CH5 | OK | OK |
| PORT-7 CH6 | OK | OK |
| PORT-7 CH7 | OK | OK |
| PORT-7 CH8 | OK | OK |
| PORT-7 CH9 | OK | OK |
| PORT-7 CH10 | OK | OK |
| PORT-7 CH11 | OK | OK |
| PORT-7 CH12 | OK | OK |
| PORT-7 CH13 | OK | OK |
| PORT-7 CH14 | OK | OK |
| PORT-8 CH1 | OK | OK |
| PORT-8 CH2 | OK | OK |
| PORT-8 CH3 | OK | OK |
| PORT-8 CH4 | OK | OK |
| PORT-8 CH5 | OK | OK |
| PORT-8 CH6 | OK | OK |
| PORT-8 CH7 | OK | OK |
| PORT-8 CH8 | OK | OK |
| PORT-8 CH9 | OK | OK |
| PORT-8 CH10 | OK | OK |
| PORT-8 CH11 | OK | OK |
| PORT-8 CH12 | OK | OK |
| PORT-8 CH13 | OK | OK |
| PORT-8 CH14 | OK | OK |

1. ANSGCNV Channel Raw Value

|  |  |
| --- | --- |
| Test | Raw Value |
| PORT-1 CH1 | OK |
| PORT-1 CH2 | OK |
| PORT-1 CH3 | OK |
| PORT-1 CH4 | OK |
| PORT-1 CH5 | OK |
| PORT-1 CH6 | OK |
| PORT-1 CH7 | OK |
| PORT-1 CH8 | OK |
| PORT-1 CH9 | OK |
| PORT-1 CH10 | OK |
| PORT-1 CH11 | OK |
| PORT-1 CH12 | OK |
| PORT-1 CH13 | OK |
| PORT-1 CH14 | OK |
| PORT-2 CH1 | OK |
| PORT-2 CH2 | OK |
| PORT-2 CH3 | OK |
| PORT-2 CH4 | OK |
| PORT-2 CH5 | OK |
| PORT-2 CH6 | OK |
| PORT-2 CH7 | OK |
| PORT-2 CH8 | OK |
| PORT-2 CH9 | OK |
| PORT-2 CH10 | OK |
| PORT-2 CH11 | OK |
| PORT-2 CH12 | OK |
| PORT-2 CH13 | OK |
| PORT-2 CH14 | OK |
| PORT-3 CH1 | OK |
| PORT-3 CH2 | OK |
| PORT-3 CH3 | OK |
| PORT-3 CH4 | OK |
| PORT-3 CH5 | OK |
| PORT-3 CH6 | OK |
| PORT-3 CH7 | OK |
| PORT-3 CH8 | OK |
| PORT-3 CH9 | OK |
| PORT-3 CH10 | OK |
| PORT-3 CH11 | OK |
| PORT-3 CH12 | OK |
| PORT-3 CH13 | OK |
| PORT-3 CH14 | OK |
| PORT-4 CH1 | OK |
| PORT-4 CH2 | OK |
| PORT-4 CH3 | OK |
| PORT-4 CH4 | OK |
| PORT-4 CH5 | OK |
| PORT-4 CH6 | OK |
| PORT-4 CH7 | OK |
| PORT-4 CH8 | OK |
| PORT-4 CH9 | OK |
| PORT-4 CH10 | OK |
| PORT-4 CH11 | OK |
| PORT-4 CH12 | OK |
| PORT-4 CH13 | OK |
| PORT-4 CH14 | OK |
| PORT-5 CH1 | OK |
| PORT-5 CH2 | OK |
| PORT-5 CH3 | OK |
| PORT-5 CH4 | OK |
| PORT-5 CH5 | OK |
| PORT-5 CH6 | OK |
| PORT-5 CH7 | OK |
| PORT-5 CH8 | OK |
| PORT-5 CH9 | OK |
| PORT-5 CH10 | OK |
| PORT-5 CH11 | OK |
| PORT-5 CH12 | OK |
| PORT-5 CH13 | OK |
| PORT-5 CH14 | OK |
| PORT-6 CH1 | OK |
| PORT-6 CH2 | OK |
| PORT-6 CH3 | OK |
| PORT-6 CH4 | OK |
| PORT-6 CH5 | OK |
| PORT-6 CH6 | OK |
| PORT-6 CH7 | OK |
| PORT-6 CH8 | OK |
| PORT-6 CH9 | OK |
| PORT-6 CH10 | OK |
| PORT-6 CH11 | OK |
| PORT-6 CH12 | OK |
| PORT-6 CH13 | OK |
| PORT-6 CH14 | OK |
| PORT-7 CH1 | OK |
| PORT-7 CH2 | OK |
| PORT-7 CH3 | OK |
| PORT-7 CH4 | OK |
| PORT-7 CH5 | OK |
| PORT-7 CH6 | OK |
| PORT-7 CH7 | OK |
| PORT-7 CH8 | OK |
| PORT-7 CH9 | OK |
| PORT-7 CH10 | OK |
| PORT-7 CH11 | OK |
| PORT-7 CH12 | OK |
| PORT-7 CH13 | OK |
| PORT-7 CH14 | OK |
| PORT-8 CH1 | OK |
| PORT-8 CH2 | OK |
| PORT-8 CH3 | OK |
| PORT-8 CH4 | OK |
| PORT-8 CH5 | OK |
| PORT-8 CH6 | OK |
| PORT-8 CH7 | OK |
| PORT-8 CH8 | OK |
| PORT-8 CH9 | OK |
| PORT-8 CH10 | OK |
| PORT-8 CH11 | OK |
| PORT-8 CH12 | OK |
| PORT-8 CH13 | OK |
| PORT-8 CH14 | OK |

1. ANSGCNV Channel Calibration Value

|  |  |
| --- | --- |
| Test | Cal Value |
| PORT-1 CH1 | OK |
| PORT-1 CH2 | OK |
| PORT-1 CH3 | OK |
| PORT-1 CH4 | OK |
| PORT-1 CH5 | OK |
| PORT-1 CH6 | OK |
| PORT-1 CH7 | OK |
| PORT-1 CH8 | OK |
| PORT-1 CH9 | OK |
| PORT-1 CH10 | OK |
| PORT-1 CH11 | OK |
| PORT-1 CH12 | OK |
| PORT-1 CH13 | OK |
| PORT-1 CH14 | OK |
| PORT-2 CH1 | OK |
| PORT-2 CH2 | OK |
| PORT-2 CH3 | OK |
| PORT-2 CH4 | OK |
| PORT-2 CH5 | OK |
| PORT-2 CH6 | OK |
| PORT-2 CH7 | OK |
| PORT-2 CH8 | OK |
| PORT-2 CH9 | OK |
| PORT-2 CH10 | OK |
| PORT-2 CH11 | OK |
| PORT-2 CH12 | OK |
| PORT-2 CH13 | OK |
| PORT-2 CH14 | OK |
| PORT-3 CH1 | OK |
| PORT-3 CH2 | OK |
| PORT-3 CH3 | OK |
| PORT-3 CH4 | OK |
| PORT-3 CH5 | OK |
| PORT-3 CH6 | OK |
| PORT-3 CH7 | OK |
| PORT-3 CH8 | OK |
| PORT-3 CH9 | OK |
| PORT-3 CH10 | OK |
| PORT-3 CH11 | OK |
| PORT-3 CH12 | OK |
| PORT-3 CH13 | OK |
| PORT-3 CH14 | OK |
| PORT-4 CH1 | OK |
| PORT-4 CH2 | OK |
| PORT-4 CH3 | OK |
| PORT-4 CH4 | OK |
| PORT-4 CH5 | OK |
| PORT-4 CH6 | OK |
| PORT-4 CH7 | OK |
| PORT-4 CH8 | OK |
| PORT-4 CH9 | OK |
| PORT-4 CH10 | OK |
| PORT-4 CH11 | OK |
| PORT-4 CH12 | OK |
| PORT-4 CH13 | OK |
| PORT-4 CH14 | OK |
| PORT-5 CH1 | OK |
| PORT-5 CH2 | OK |
| PORT-5 CH3 | OK |
| PORT-5 CH4 | OK |
| PORT-5 CH5 | OK |
| PORT-5 CH6 | OK |
| PORT-5 CH7 | OK |
| PORT-5 CH8 | OK |
| PORT-5 CH9 | OK |
| PORT-5 CH10 | OK |
| PORT-5 CH11 | OK |
| PORT-5 CH12 | OK |
| PORT-5 CH13 | OK |
| PORT-5 CH14 | OK |
| PORT-6 CH1 | OK |
| PORT-6 CH2 | OK |
| PORT-6 CH3 | OK |
| PORT-6 CH4 | OK |
| PORT-6 CH5 | OK |
| PORT-6 CH6 | OK |
| PORT-6 CH7 | OK |
| PORT-6 CH8 | OK |
| PORT-6 CH9 | OK |
| PORT-6 CH10 | OK |
| PORT-6 CH11 | OK |
| PORT-6 CH12 | OK |
| PORT-6 CH13 | OK |
| PORT-6 CH14 | OK |
| PORT-7 CH1 | OK |
| PORT-7 CH2 | OK |
| PORT-7 CH3 | OK |
| PORT-7 CH4 | OK |
| PORT-7 CH5 | OK |
| PORT-7 CH6 | OK |
| PORT-7 CH7 | OK |
| PORT-7 CH8 | OK |
| PORT-7 CH9 | OK |
| PORT-7 CH10 | OK |
| PORT-7 CH11 | OK |
| PORT-7 CH12 | OK |
| PORT-7 CH13 | OK |
| PORT-7 CH14 | OK |
| PORT-8 CH1 | OK |
| PORT-8 CH2 | OK |
| PORT-8 CH3 | OK |
| PORT-8 CH4 | OK |
| PORT-8 CH5 | OK |
| PORT-8 CH6 | OK |
| PORT-8 CH7 | OK |
| PORT-8 CH8 | OK |
| PORT-8 CH9 | OK |
| PORT-8 CH10 | OK |
| PORT-8 CH11 | OK |
| PORT-8 CH12 | OK |
| PORT-8 CH13 | OK |
| PORT-8 CH14 | OK |

1. ANSGCNV Channel Offset/Gain Update

Done without actual AN-SGCNV board connected to prevent any possible corruption.

|  |  |  |
| --- | --- | --- |
| Test | Offset | Gain |
| PORT-1 CH1 | OK | OK |
| PORT-1 CH2 | OK | OK |
| PORT-1 CH3 | OK | OK |
| PORT-1 CH4 | OK | OK |
| PORT-1 CH5 | OK | OK |
| PORT-1 CH6 | OK | OK |
| PORT-1 CH7 | OK | OK |
| PORT-1 CH8 | OK | OK |
| PORT-1 CH9 | OK | OK |
| PORT-1 CH10 | OK | OK |
| PORT-1 CH11 | OK | OK |
| PORT-1 CH12 | OK | OK |
| PORT-1 CH13 | OK | OK |
| PORT-1 CH14 | OK | OK |
| PORT-2 CH1 | OK | OK |
| PORT-2 CH2 | OK | OK |
| PORT-2 CH3 | OK | OK |
| PORT-2 CH4 | OK | OK |
| PORT-2 CH5 | OK | OK |
| PORT-2 CH6 | OK | OK |
| PORT-2 CH7 | OK | OK |
| PORT-2 CH8 | OK | OK |
| PORT-2 CH9 | OK | OK |
| PORT-2 CH10 | OK | OK |
| PORT-2 CH11 | OK | OK |
| PORT-2 CH12 | OK | OK |
| PORT-2 CH13 | OK | OK |
| PORT-2 CH14 | OK | OK |
| PORT-3 CH1 | OK | OK |
| PORT-3 CH2 | OK | OK |
| PORT-3 CH3 | OK | OK |
| PORT-3 CH4 | OK | OK |
| PORT-3 CH5 | OK | OK |
| PORT-3 CH6 | OK | OK |
| PORT-3 CH7 | OK | OK |
| PORT-3 CH8 | OK | OK |
| PORT-3 CH9 | OK | OK |
| PORT-3 CH10 | OK | OK |
| PORT-3 CH11 | OK | OK |
| PORT-3 CH12 | OK | OK |
| PORT-3 CH13 | OK | OK |
| PORT-3 CH14 | OK | OK |
| PORT-4 CH1 | OK | OK |
| PORT-4 CH2 | OK | OK |
| PORT-4 CH3 | OK | OK |
| PORT-4 CH4 | OK | OK |
| PORT-4 CH5 | OK | OK |
| PORT-4 CH6 | OK | OK |
| PORT-4 CH7 | OK | OK |
| PORT-4 CH8 | OK | OK |
| PORT-4 CH9 | OK | OK |
| PORT-4 CH10 | OK | OK |
| PORT-4 CH11 | OK | OK |
| PORT-4 CH12 | OK | OK |
| PORT-4 CH13 | OK | OK |
| PORT-4 CH14 | OK | OK |
| PORT-5 CH1 | OK | OK |
| PORT-5 CH2 | OK | OK |
| PORT-5 CH3 | OK | OK |
| PORT-5 CH4 | OK | OK |
| PORT-5 CH5 | OK | OK |
| PORT-5 CH6 | OK | OK |
| PORT-5 CH7 | OK | OK |
| PORT-5 CH8 | OK | OK |
| PORT-5 CH9 | OK | OK |
| PORT-5 CH10 | OK | OK |
| PORT-5 CH11 | OK | OK |
| PORT-5 CH12 | OK | OK |
| PORT-5 CH13 | OK | OK |
| PORT-5 CH14 | OK | OK |
| PORT-6 CH1 | OK | OK |
| PORT-6 CH2 | OK | OK |
| PORT-6 CH3 | OK | OK |
| PORT-6 CH4 | OK | OK |
| PORT-6 CH5 | OK | OK |
| PORT-6 CH6 | OK | OK |
| PORT-6 CH7 | OK | OK |
| PORT-6 CH8 | OK | OK |
| PORT-6 CH9 | OK | OK |
| PORT-6 CH10 | OK | OK |
| PORT-6 CH11 | OK | OK |
| PORT-6 CH12 | OK | OK |
| PORT-6 CH13 | OK | OK |
| PORT-6 CH14 | OK | OK |
| PORT-7 CH1 | OK | OK |
| PORT-7 CH2 | OK | OK |
| PORT-7 CH3 | OK | OK |
| PORT-7 CH4 | OK | OK |
| PORT-7 CH5 | OK | OK |
| PORT-7 CH6 | OK | OK |
| PORT-7 CH7 | OK | OK |
| PORT-7 CH8 | OK | OK |
| PORT-7 CH9 | OK | OK |
| PORT-7 CH10 | OK | OK |
| PORT-7 CH11 | OK | OK |
| PORT-7 CH12 | OK | OK |
| PORT-7 CH13 | OK | OK |
| PORT-7 CH14 | OK | OK |
| PORT-8 CH1 | OK | OK |
| PORT-8 CH2 | OK | OK |
| PORT-8 CH3 | OK | OK |
| PORT-8 CH4 | OK | OK |
| PORT-8 CH5 | OK | OK |
| PORT-8 CH6 | OK | OK |
| PORT-8 CH7 | OK | OK |
| PORT-8 CH8 | OK | OK |
| PORT-8 CH9 | OK | OK |
| PORT-8 CH10 | OK | OK |
| PORT-8 CH11 | OK | OK |
| PORT-8 CH12 | OK | OK |
| PORT-8 CH13 | OK | OK |
| PORT-8 CH14 | OK | OK |

1. ANSGCNV Channel Setup/Update

Channel Setup/Update works ok but it looks like ANSGCNV doesn’t store newly updated setup information to its onboard EEPROM. The net result is after ANSGCNV board reset/power recycle, all the channel setup information is lost and board is reset to its default state. This issue can only be verified only after this issue is tested with a new confirmed-working ANSGCNV board since the ANSGCNV board that was tested has been modified (hand soldered) somehow for other tests.

|  |  |
| --- | --- |
| Test | Setup |
| PORT-1 CH1 | OK |
| PORT-1 CH2 | OK |
| PORT-1 CH3 | OK |
| PORT-1 CH4 | OK |
| PORT-1 CH5 | OK |
| PORT-1 CH6 | OK |
| PORT-1 CH7 | OK |
| PORT-1 CH8 | OK |
| PORT-1 CH9 | OK |
| PORT-1 CH10 | OK |
| PORT-1 CH11 | OK |
| PORT-1 CH12 | OK |
| PORT-1 CH13 | OK |
| PORT-1 CH14 | OK |
| PORT-2 CH1 | OK |
| PORT-2 CH2 | OK |
| PORT-2 CH3 | OK |
| PORT-2 CH4 | OK |
| PORT-2 CH5 | OK |
| PORT-2 CH6 | OK |
| PORT-2 CH7 | OK |
| PORT-2 CH8 | OK |
| PORT-2 CH9 | OK |
| PORT-2 CH10 | OK |
| PORT-2 CH11 | OK |
| PORT-2 CH12 | OK |
| PORT-2 CH13 | OK |
| PORT-2 CH14 | OK |
| PORT-3 CH1 | OK |
| PORT-3 CH2 | OK |
| PORT-3 CH3 | OK |
| PORT-3 CH4 | OK |
| PORT-3 CH5 | OK |
| PORT-3 CH6 | OK |
| PORT-3 CH7 | OK |
| PORT-3 CH8 | OK |
| PORT-3 CH9 | OK |
| PORT-3 CH10 | OK |
| PORT-3 CH11 | OK |
| PORT-3 CH12 | OK |
| PORT-3 CH13 | OK |
| PORT-3 CH14 | OK |
| PORT-4 CH1 | OK |
| PORT-4 CH2 | OK |
| PORT-4 CH3 | OK |
| PORT-4 CH4 | OK |
| PORT-4 CH5 | OK |
| PORT-4 CH6 | OK |
| PORT-4 CH7 | OK |
| PORT-4 CH8 | OK |
| PORT-4 CH9 | OK |
| PORT-4 CH10 | OK |
| PORT-4 CH11 | OK |
| PORT-4 CH12 | OK |
| PORT-4 CH13 | OK |
| PORT-4 CH14 | OK |
| PORT-5 CH1 | OK |
| PORT-5 CH2 | OK |
| PORT-5 CH3 | OK |
| PORT-5 CH4 | OK |
| PORT-5 CH5 | OK |
| PORT-5 CH6 | OK |
| PORT-5 CH7 | OK |
| PORT-5 CH8 | OK |
| PORT-5 CH9 | OK |
| PORT-5 CH10 | OK |
| PORT-5 CH11 | OK |
| PORT-5 CH12 | OK |
| PORT-5 CH13 | OK |
| PORT-5 CH14 | OK |
| PORT-6 CH1 | OK |
| PORT-6 CH2 | OK |
| PORT-6 CH3 | OK |
| PORT-6 CH4 | OK |
| PORT-6 CH5 | OK |
| PORT-6 CH6 | OK |
| PORT-6 CH7 | OK |
| PORT-6 CH8 | OK |
| PORT-6 CH9 | OK |
| PORT-6 CH10 | OK |
| PORT-6 CH11 | OK |
| PORT-6 CH12 | OK |
| PORT-6 CH13 | OK |
| PORT-6 CH14 | OK |
| PORT-7 CH1 | OK |
| PORT-7 CH2 | OK |
| PORT-7 CH3 | OK |
| PORT-7 CH4 | OK |
| PORT-7 CH5 | OK |
| PORT-7 CH6 | OK |
| PORT-7 CH7 | OK |
| PORT-7 CH8 | OK |
| PORT-7 CH9 | OK |
| PORT-7 CH10 | OK |
| PORT-7 CH11 | OK |
| PORT-7 CH12 | OK |
| PORT-7 CH13 | OK |
| PORT-7 CH14 | OK |
| PORT-8 CH1 | OK |
| PORT-8 CH2 | OK |
| PORT-8 CH3 | OK |
| PORT-8 CH4 | OK |
| PORT-8 CH5 | OK |
| PORT-8 CH6 | OK |
| PORT-8 CH7 | OK |
| PORT-8 CH8 | OK |
| PORT-8 CH9 | OK |
| PORT-8 CH10 | OK |
| PORT-8 CH11 | OK |
| PORT-8 CH12 | OK |
| PORT-8 CH13 | OK |
| PORT-8 CH14 | OK |

1. ANSGCNV Filter/Update

Done without actual AN-SGCNV board connected to prevent any possible corruption.

|  |  |
| --- | --- |
| Test | Raw Value |
| PORT-1 | OK |
| PORT-2 | OK |
| PORT-3 | OK |
| PORT-4 | OK |
| PORT-5 | OK |
| PORT-6 | OK |
| PORT-7 | OK |
| PORT-8 | OK |

1. Endurance Test

|  |  |  |
| --- | --- | --- |
| Test | Result | |
| Port-1  Roughly 216 hour test  Reading Temperature Input  At 10 ms poll rate | Total Number of Requests | * N/A |
| Total number of Successful Responses | * N/A |
| Total Number of failures | 0 |
| Success Rate | 100% |

|  |  |  |
| --- | --- | --- |
| Test | Result | |
| Port-2  Roughly 216 hour test  Reading Temperature Input  At 10 ms poll rate | Total Number of Requests | * N/A |
| Total number of Successful Responses | * N/A |
| Total Number of failures | 0 |
| Success Rate | 100% |