

TestTools

MPCU-5 Comm/Status		
MPCU Communication	OK	2015-07-28 17:46:50-01:00
Latest MPCU Selftest Status	OK	2015-07-28 17:46:54-01:00

2015-07-28T17:46:57

cPCI-CAN Comm/Status		
MSUP Communication	OK	2015-07-28 17:46:58-01:00
RCCS Communication	OK	2015-07-28 17:47:01-01:00
RFIS Communication	OK	2015-07-28 17:47:04-01:00
PTAB Communication	OK	2015-07-28 17:47:08-01:00
MDSD Communication	OK	2015-07-28 17:47:11-01:00
LWL-INT Communication	OK	2015-07-28 17:47:15-01:00
ACS Communication	OK	2015-07-28 17:47:18-01:00
GPA Communication	OK	2015-07-28 17:47:22-01:00
RFPA Communication	OK	2015-07-28 17:47:25-01:00
RFPA Status	OK	2015-07-28 17:47:29-01:00
RFPA Status	OK	2015-07-28 17:47:32-01:00

2015-07-28T17:47:35

cPCI-CAN Functional		
cPCI-CAN Test	OK	2015-07-28 17:47:36-01:00

2015-07-28T17:47:49

LWL-INT Comm/Status		
LWL-INT Communication	OK	2015-07-28 17:47:49-01:00
LWL-INT Status	OK	2015-07-28 17:47:53-01:00

2015-07-28T17:47:56

PCI-TX Functional		
PCI-TX Test RFPA_Power_OFF	OK	2015-07-28 17:47:57-01:00
PCI-TX Test GPA_Power_OFF	OK	2015-07-28 17:48:03-01:00
PCI-TX Test PaliSimMode	OK	2015-07-28 17:48:06-01:00
PCI-TX Test GcSeqClk On	OK	2015-07-28 17:48:13-01:00
PCI-TX Test TxExtMemTest	OK	2015-07-28 17:48:20-01:00
PCI-TX Test TxMemTest	OK	2015-07-28 17:48:27-01:00
PCI-TX Test TxDualPortRam	OK	2015-07-28 17:49:13-01:00
PCI-TX Test TxAddrTest	OK	2015-07-28 17:49:27-01:00

PCI-TX Test TxDataBus	OK	2015-07-28 17:49:34-01:00
PCI-TX Test TxAddrBus	OK	2015-07-28 17:49:40-01:00
PCI-TX Test TxTlkLocalLoop	OK	2015-07-28 17:49:47-01:00
PCI-TX Test TxTlkRemoteLoop	OK	2015-07-28 17:49:58-01:00
PCI-TX Test TxModNco	OK	2015-07-28 17:50:08-01:00
PCI-TX Test GcExtMemTest	OK	2015-07-28 17:50:15-01:00
PCI-TX Test GcMemTest	OK	2015-07-28 17:50:21-01:00
PCI-TX Test GcDualPortRam	OK	2015-07-28 17:51:08-01:00
PCI-TX Test GcAddrTest	OK	2015-07-28 17:51:21-01:00
PCI-TX Test GcDataBus	OK	2015-07-28 17:51:28-01:00
PCI-TX Test GcAddrBus	OK	2015-07-28 17:51:35-01:00
PCI-TX Test GcRxifLocalLoop 1	OK	2015-07-28 17:51:42-01:00
PCI-TX Test GcRxifLocalLoop 2	OK	2015-07-28 17:51:49-01:00
PCI-TX Test GcRxifRemoteLoop 1	OK	2015-07-28 17:51:55-01:00
PCI-TX Test GcRxifRemoteLoop 2	OK	2015-07-28 17:52:02-01:00
PCI-TX Test GcCwLocalLoop 1	OK	2015-07-28 17:52:09-01:00
PCI-TX Test GcCwLocalLoop 2	OK	2015-07-28 17:52:16-01:00
PCI-TX Test GcCwRemoteLoop 1	OK	2015-07-28 17:52:23-01:00
PCI-TX Test GcCwRemoteLoop 2	OK	2015-07-28 17:52:30-01:00
PCI-TX Test GcGradLocalLoop 1	OK	2015-07-28 17:52:36-01:00
PCI-TX Test GcGradLocalLoop 2	OK	2015-07-28 17:52:43-01:00
PCI-TX Test GcGradRemoteLoop 1	OK	2015-07-28 17:52:50-01:00
PCI-TX Test GcGradRemoteLoop 2	OK	2015-07-28 17:52:57-01:00
PCI-TX Test GcComRemoteLoop	OK	2015-07-28 17:53:04-01:00
PCI-TX Test GcGpaInterLin_X	OK	2015-07-28 17:53:11-01:00
PCI-TX Test GcGpaInterLin_Y	OK	2015-07-28 17:53:24-01:00
PCI-TX Test GcGpaInterLin_Z	OK	2015-07-28 17:53:37-01:00
PCI-TX Test GcGpaInterOffset_X	OK	2015-07-28 17:53:51-01:00
PCI-TX Test GcGpaInterOffset_Y	OK	2015-07-28 17:53:58-01:00
PCI-TX Test GcGpaInterOffset_Z	OK	2015-07-28 17:54:05-01:00
PCI-TX Test GcGpaInterNoise_X	OK	2015-07-28 17:54:11-01:00
PCI-TX Test GcGpaInterNoise_Y	OK	2015-07-28 17:54:18-01:00
PCI-TX Test GcGpaInterNoise_Z	OK	2015-07-28 17:54:25-01:00
PCI-TX Test MPCU Reload	FAILED	2015-07-28 17:54:32-01:00

2015-07-28T18:00:54

Diagnosis	
PCI-TX Test MPCU Reload	Please refer to the Event Log for more details.

PCI-MON Functional		
PCI-MON Test RFPA-Power OFF	OK	2015-07-28 18:00:55-01:00
PCI-MON Test GPA-Power OFF	OK	2015-07-28 18:01:01-01:00
PCI-MON Test PaliSimMode	OK	2015-07-28 18:01:04-01:00
PCI-MON Test GcSeqClk On	OK	2015-07-28 18:01:11-01:00
PCI-MON Test StimoExtMemTest	OK	2015-07-28 18:01:18-01:00
PCI-MON Test StimoMemTest	OK	2015-07-28 18:01:25-01:00
PCI-MON Test StimoDualPortRam	OK	2015-07-28 18:02:11-01:00
PCI-MON Test StimoAddrTest	OK	2015-07-28 18:02:24-01:00
PCI-MON Test StimoDataBus	OK	2015-07-28 18:02:31-01:00
PCI-MON Test StimoAddrBus	OK	2015-07-28 18:02:38-01:00
PCI-MON Test StimoAdcRemoteLoop 1	OK	2015-07-28 18:02:45-01:00
PCI-MON Test StimoAdcRemoteLoop 2	OK	2015-07-28 18:02:52-01:00
PCI-MON Test StimoAdcRemotePattern 1	OK	2015-07-28 18:02:58-01:00
PCI-MON Test StimoAdcRemotePattern 2	OK	2015-07-28 18:03:05-01:00
PCI-MON Test PaliExtMemTest	OK	2015-07-28 18:03:12-01:00
PCI-MON Test PaliMemTest	OK	2015-07-28 18:03:19-01:00
PCI-MON Test PaliDualPortRam	OK	2015-07-28 18:04:09-01:00
PCI-MON Test PaliAddrTest	OK	2015-07-28 18:04:22-01:00
PCI-MON Test PaliDataBus	OK	2015-07-28 18:04:29-01:00
PCI-MON Test PaliAddrBus	OK	2015-07-28 18:04:36-01:00
PCI-MON Test MPCU Reload	FAILED	2015-07-28 18:04:42-01:00

2015-07-28T18:11:02

Diagnosis	
PCI-MON Test MPCU Reload	Please refer to the Event Log for more details.

Dynamic Test Functional		
AMC Dynamic Test	NO Result available	2015-07-28 18:11:03-01:00

2015-07-28T18:11:12

FPGA Versions Functional		
FPGA Versions PaliSimMode	OK	2015-07-28 18:11:13-01:00
FPGA Versions GcSeqClk On	OK	2015-07-28 18:11:19-01:00
FPGA Versions PCI-TX-FPGA Version	OK	2015-07-28 18:11:26-01:00
FPGA Versions PCI-MON-FPGA Version	OK	2015-07-28 18:11:33-01:00
FPGA Versions Modulator-FPGA Version	OK	2015-07-28 18:11:40-01:00

FPGA Versions Imager PCI-RX-FPGA Versions	OK	2015-07-28 18:11:47-01:00
FPGA Versions MPCU Reload	FAILED	2015-07-28 18:11:50-01:00

2015-07-28T18:18:13

Diagnosis	
FPGA Versions MPCU Reload	Please refer to the Event Log for more details.

MOD/REC Functional		
Modulator-Receiver Loop	NO Result available	2015-07-28 18:18:13-01:00
Receiver Symmetry	NO Result available	2015-07-28 18:18:20-01:00
TALES Reference Voltage	OK	2015-07-28 18:18:27-01:00

2015-07-28T18:18:30

RFPA Comm/Status		
RFPA Communication	OK	2015-07-28 18:18:30-01:00
RFPA Status	OK	2015-07-28 18:18:34-01:00
RFPA Status	OK	2015-07-28 18:18:37-01:00

2015-07-28T18:18:40

RFPA Functional		
RFPA Power	NO Result available	2015-07-28 18:18:41-01:00
RFPA Power (max)	NO Result available	2015-07-28 18:19:08-01:00
RFPA Loop	NO Result available	2015-07-28 18:19:15-01:00
RFPA Loop (linear chara)	NO Result available	2015-07-28 18:19:22-01:00
RFPA-TALES	NO Result available	2015-07-28 18:19:28-01:00
RFPA-TALES (linear chara)	NO Result available	2015-07-28 18:19:49-01:00

2015-07-28T18:19:55

RCCS Comm/Status		

RCCS Communication	OK	2015-07-28 18:19:56-01:00
RCCS Status	OK	2015-07-28 18:19:59-01:00

2015-07-28T18:20:02

RCCS Functional		
RCCS SGA Loop (High Gain)	NO Result available	2015-07-28 18:20:03-01:00

2015-07-28T18:24:01

BCCS/RCCS Functional		
Transmitter-Receiver-Switch	NO Result available	2015-07-28 18:24:03-01:00
BCCS Hybrid	NO Result available	2015-07-28 18:24:12-01:00

2015-07-28T18:24:18

RFIS Comm/Status		
RFIS Communication	OK	2015-07-28 18:24:19-01:00
RFIS Status	OK	2015-07-28 18:24:22-01:00

2015-07-28T18:24:25

RFAS Comm/Status		
RCCS Communication	OK	2015-07-28 18:24:25-01:00
RCCS Status	OK	2015-07-28 18:24:29-01:00

2015-07-28T18:24:32

RFAS Functional		
TALES Reference Voltage	OK	2015-07-28 18:24:32-01:00
RFPA1-TALES	NO Result available	2015-07-28 18:24:36-01:00
BC-TX-path (reflection)	NO Result available	2015-07-28 18:24:43-01:00
BC-TX-path (voltage)	NO Result available	2015-07-28 18:24:49-01:00

2015-07-28T18:24:56

BC Functional		
BC Reflection Measurement	NO Result available	2015-07-28 18:24:56-01:00
	NO	

BC Transmission Evaluation	Result available	2015-07-28 18:25:03-01:00
BC Power Test	NO Result available	2015-07-28 18:25:10-01:00
BC Check Tuning	OK	2015-07-28 18:25:30-01:00

2015-07-28T18:25:37

GPA status Comm/Status		
GPA Communication	OK	2015-07-28 18:25:37-01:00
GPA Status	OK	2015-07-28 18:25:40-01:00
GPA SetPowerSwitch	OK	2015-07-28 18:25:44-01:00
GPA Status	OK	2015-07-28 18:25:47-01:00

2015-07-28T18:25:51

DAC Functional		
Gradient Nominal Value X (High Ampl)	NO Result available	2015-07-28 18:25:51-01:00
Gradient Nominal Value X (Low Ampl)	NO Result available	2015-07-28 18:25:58-01:00
Gradient Nominal Value Y (High Ampl)	NO Result available	2015-07-28 18:26:18-01:00
Gradient Nominal Value Y (Low Ampl)	NO Result available	2015-07-28 18:26:25-01:00
Gradient Nominal Value Z (High Ampl)	NO Result available	2015-07-28 18:26:32-01:00
Gradient Nominal Value Z (Low Ampl)	NO Result available	2015-07-28 18:26:39-01:00

2015-07-28T18:26:45

Stim.Monitor Functional		
Stimulation Monitor Test	FAILED	2015-07-28 18:26:46-01:00

2015-07-28T18:26:52

Diagnosis	
	Ensure, that the GPA is switched to "Normal mode", i.e. switch S4 (right side) on I/O board D70 is in downward position ("Service mode off"). Test mode: If the GPA is not switched off, the

Stimulation Monitor Test	stimulation monitor, the connection between AMC-backplane (PCI-MON) and GPA D60 (CAN/Service board), the D60 may be defective. Perform the corresponding AMC/PCI-MON test. Check the cabling and connections between AMC and D60. Service mode: If the stimulation values are out of specification, the stimulation monitor might be defective: Run the AMC/PCI-MON test. If zero stimulation values are measured, the connection to the stimulation monitor might be defective. Check for other GPA error messages and refer to the corresponding TSG charts. Please proceed as follows: • Swap PCI-TX and PCI-MON. • Repeat the tests, both for PCI-TX and PCI-MON. • Check if the error persists and decide accordingly.
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X Axis Functional		
Gradient Actual Value X (High Ampl)	NO Result available	2015-07-28 18:26:52-01:00
Gradient Actual Value X (Low Ampl)	NO Result available	2015-07-28 18:26:59-01:00

2015-07-28T18:27:06

Y Axis Functional		
Gradient Actual Value Y (High Ampl)	NO Result available	2015-07-28 18:27:06-01:00
Gradient Actual Value Y (Low Ampl)	NO Result available	2015-07-28 18:27:13-01:00

2015-07-28T18:27:19

Z Axis Functional		
Gradient Actual Value Z (High Ampl)	NO Result available	2015-07-28 18:27:20-01:00
Gradient Actual Value Z (Low Ampl)	NO Result available	2015-07-28 18:27:26-01:00

2015-07-28T18:27:33

Grad. linearity Functional		
Linearity Check	NO Result available	2015-07-28 18:27:33-01:00

2015-07-28T18:27:36

Imager Comm/Status		
Imager PCI-RX Communication	OK	2015-07-28 18:27:37-01:00
Imager PCI-RX Status	OK	2015-07-28 18:27:40-01:00

2015-07-28T18:27:43

Imager Functional		
Feedback Loop Imager-AMC	NO Result available	2015-07-28 18:27:44-01:00
Data Rate Measurement	NO Result available	2015-07-28 18:27:50-01:00
Data Rate Evaluation	FAILED	2015-07-28 18:27:57-01:00

2015-07-28T18:28:00

Diagnosis	
Data Rate Evaluation	One of following paths might be defective: • Ethernet connection Imager-AMC (performance problem) • Connection AMC to PCI-RX (performance problem) • AMC • PCI-RX • Imager (drives, controller) Note! Before replacing hardware: • Re-boot Imager, repeat the test Feedback loop Imager - AMC. • Check the Event log for further details. • Swap PCI-TX and PCI-MON. • Repeat the test. • Check if the error persists, if yes perform all AMC-tests.

PCI-RX 1 Functional		
Imager PCI-RX 1	OK	2015-07-28 18:28:01-01:00

2015-07-28T18:30:15

PCI-RX 2 Functional		
Imager PCI-RX 2	OK	2015-07-28 18:30:16-01:00
2015-07-28T18:32:01		

PCI-RX DMA Functional		
Imager PCI-RX DMA	OK	2015-07-28 18:32:01-01:00
2015-07-28T18:32:37		

Network Functional		
Host Network	OK	2015-07-28 18:32:38-01:00
2015-07-28T18:32:41		

MSUP Comm/Status		
MSUP Communication	OK	2015-07-28 18:32:41-01:00
MSUP Status	FAILED	2015-07-28 18:32:44-01:00
2015-07-28T18:32:48		

Diagnosis	
MSUP Status	Please refer to the Event Log for more details on the faulty status.

ACS Comm/Status		
ACS Communication	OK	2015-07-28 18:32:48-01:00
ACS Status	FAILED	2015-07-28 18:32:51-01:00
2015-07-28T18:32:55		

Diagnosis	
ACS Status	Please refer to the Event Log for more details on the faulty status.

PTAB Comm/Status		
PTAB Communication	OK	2015-07-28 18:32:55-01:00
PTAB Status	OK	2015-07-28 18:32:58-01:00
2015-07-28T18:33:02		

MDSD Comm/Status		
MDSD Communication	OK	2015-07-28 18:33:02-01:00
MDSD Status	OK	2015-07-28 18:33:05-01:00
2015-07-28T18:33:09		

PMU Comm/Status		
PMU Communication	OK	2015-07-28 18:33:09-01:00

PMU Status	OK	2015-07-28 18:33:12-01:00
2015-07-28T18:33:16		
Auto Diagnosis		
Auto Diagnosis	OK	2015-07-28 18:33:16-01:00
2015-07-28T18:33:22		

MPCU-5 Comm/Status

MPCU Communication

MPCU Communication: MPCU

	Value
Communication	ok



MPCU-5 Comm/Status

Latest MPCU Selftest Status

Latest MPCU Selftest Status: MPCU

	Value
Status	ok
Detailed status	MPCU_STATUS: Post manager = ok
	MPCU_STATUS: Total checksum = ok
	MPCU_STATUS: TIME = ok
	MPCU_STATUS: Disk access = ok
	MPCU_STATUS: Ram = ok
	MPCU_STATUS: Bios Konfiguration = ok
	MPCU_STATUS: BIOS EEPROM checksum= ok
	MPCU_STATUS: Power = ok
	MPCU_STATUS: CPUtemperature = 47 C
	MPCU_STATUS: BoardTemperature = 39 C



cPCI-CAN Comm/Status

MSUP Communication

MSUP Communication: MSUPK2256

	Value
Communication	ok
Hardware version	Dev.Name:MSUP HWVers. :2657_05 VendorID:0x0 ProdCode:0x0 Rev Nr. :0x0 SerialNr:0 Vers :MSUPApp1_VA07I jan 09 2008 MagnetSerialNumber :21208243 MagnetRevision :39 SupervisorySerialNumber :2221 SupervisoryRevision :0
Software version	Vers :MSUPApp1_VA07I jan 09 2008



cPCI-CAN Comm/Status

RCCS Communication

RCCS Communication: RCCSK2254

	Value
Communication	ok
Hardware version	Dev.Name:RCCS (C04011SIE) HWVers. :H1.00S1.40-R VendorID:0x58 ProdCode:0xff401005 Rev Nr. :0xf42cc SerialNr:0 Config :4



cPCI-CAN Comm/Status

RFIS Communication

RFIS Communication: RFISK2254

	Value
Communication	ok
	2/2: 0: Dev.Name:RFIS_1 (C04011SIE) HWVers. :H1.00S1.40-R VendorID:0x58 ProdCode:0xff401005 Rev Nr. :0xf42cc SerialNr:0 Config :1
Hardware version	1: Dev.Name:RFIS_2 (C04011SIE) HWVers. :H1.00S1.40-R VendorID:0x58 ProdCode:0xff401005 Rev Nr. :0xf42cc SerialNr:0 Config :4



cPCI-CAN Comm/Status

PTAB Communication

PTAB Communication: PTABK2253

	Value
Communication	ok
Hardware version	Dev.Name:PTAB HWVers. :A4140_V1.00 VendorID:0x4a4154 ProdCode:0x5 Rev Nr. :0x5 SerialNr:90782345 Vers :PTABApp1_VA08N aug 19 2008
Software version	Vers :PTABApp1_VA08N aug 19 2008



cPCI-CAN Comm/Status

MDSD Communication

MDSD Communication: MDSDK2253

	Value
Communication	ok
Hardware version	Dev.Name:MDSD HWVers. :A4320_V1.00 VendorID:0x4a4154 ProdCode:0x69 Rev Nr. :0x24 SerialNr:0 Vers :MDSDApp1_VA01Z aug 08 2008
Software version	Vers :MDSDApp1_VA01Z aug 08 2008



cPCI-CAN Comm/Status

LWL-INT Communication

LWL-INT Communication: LWLInt

	Value
Communication	ok
Hardware version	Dev.Name:C04011SIE HWVers. :H1.00S1.40-R VendorID:0x58 ProdCode:0xff401005 Rev Nr. :0xf42cc SerialNr:0 Config :2



cPCI-CAN Comm/Status

ACS Communication

ACS Communication: ACSK2250

	Value
Communication	ok
Hardware version	Dev.Name:Advanced Cooling System HWVers. :E4.0 VendorID:0x128 ProdCode:0x0 Rev Nr. :0x0 SerialNr:0 Vers :ACSApp1_VA02L feb 03 2009
Software version	Vers :ACSApp1_VA02L feb 03 2009



cPCI-CAN Comm/Status

GPA Communication

GPA Communication: GPAK2259

	Value
Communication	ok
Hardware version	Dev.Name:GPA_K2259 HWVers. :0x01 VendorID:0x0 ProdCode:0x0 Rev Nr. :0x0 SerialNr:0 Vers :GPAK2259App1_VA03A Nov 05 2004
Software version	Vers :GPAK2259App1_VA03A Nov 05 2004



cPCI-CAN Comm/Status

RFPA Communication

RFPA Communication: RFPK2204

	Value
Communication	ok
Version	V-78



cPCI-CAN Comm/Status

RFPA Status

	Status

fPowerSwitchTest|ok



cPCI-CAN Comm/Status

RFPA Status

RFPA Status: RFPK2204

	Value
Status	ok
Detailed status	RFPA_STATUS: Run status = run RFPA_STATUS: Shutdown = ok RFPA_STATUS: Temperature = ok RFPA_STATUS: Duty cycle = ok RFPA_STATUS: Current = ok RFPA_STATUS: RF Power = ok RFPA_STATUS: Voltage = ok RFPA_STATUS: Amplifier status = ok



cPCI-CAN Functional

cPCI-CAN Test

	Status	Component Status
GetCpciCanTestResults	ok	
MSUPK2256 (CAN0)		ONLINE
RCCSK2254 (CAN0)		ONLINE
RFISK2254 (CAN0)		ONLINE
PTABK2253 (CAN0)		ONLINE
LWLInt (CAN1)		ONLINE
SHIMK2259 (CAN1)		NOT_IN_SYSTEM
ACSK2250 (CAN1)		ONLINE
GPAK2259 (CAN1)		ONLINE
MDSDK2253 (CAN1)		ONLINE
RFPK2204 (CAN2)		ONLINE

: MR-System-Type = Avanto
 : At least minimal one CAN-Unit of CAN0,CAN1 and CAN2 must be online !!



LWL-INT Comm/Status

LWL-INT Communication

LWL-INT Communication: LWLInt

	Value
Communication	ok
Hardware version	Dev.Name:C04011SIE HwVers. :H1.00S1.40-R VendorID:0x58 ProdCode:0xff401005 Rev Nr. :0xf42cc SerialNr:0 Config :2



LWL-INT Comm/Status

LWL-INT Status

LWL-INT Status: LWLInt

	Value
Status	ok
Detailed status	LWLINT_STATUS: Imager 1 Fan = ok LWLINT_STATUS: Imager 2 Fan = ok LWLINT_STATUS: Imager 3 Fan = ok LWLINT_STATUS: Imager 4 Fan = ok LWLINT_STATUS: SLOW_TRIG_IN = active LWLINT_STATUS: Door = open !!! LWLINT_STATUS: AMC FAN = ok LWLINT_STATUS: AMC Power Supply (Degrade) = ok LWLINT_STATUS: AMC Power Supply (power failure) = ok

LWLINT_STATUS: -12 V failure?	= ok
LWLINT_STATUS: Gradient Filter overtemperature?	= ok



PCI-TX Functional

PCI-TX Test RFPA_Power_OFF

	Status
fPowerSwitchTest	ok



PCI-TX Functional

PCI-TX Test GPA_Power_OFF

	Status
fPowerSwitchTest	ok



PCI-TX Functional

PCI-TX Test PaliSimMode

	Status
PaliSimMode	ok



PCI-TX Functional

PCI-TX Test GcSeqClk On

	Status
GcSeqClk	ok



PCI-TX Functional

PCI-TX Test TxExtMemTest

	Status
TxExtMemTest	ok



PCI-TX Functional

PCI-TX Test TxMemTest

	Status
TxMemTest	ok



PCI-TX Functional

PCI-TX Test TxDualPortRam

	Status
TxDualPortRam	ok



PCI-TX Functional

PCI-TX Test TxAddrTest

	Status
TxAddrTest	ok



PCI-TX Functional

PCI-TX Test TxDataBus

	Status
TxDataBus	ok



PCI-TX Functional

PCI-TX Test TxAddrBus

	Status

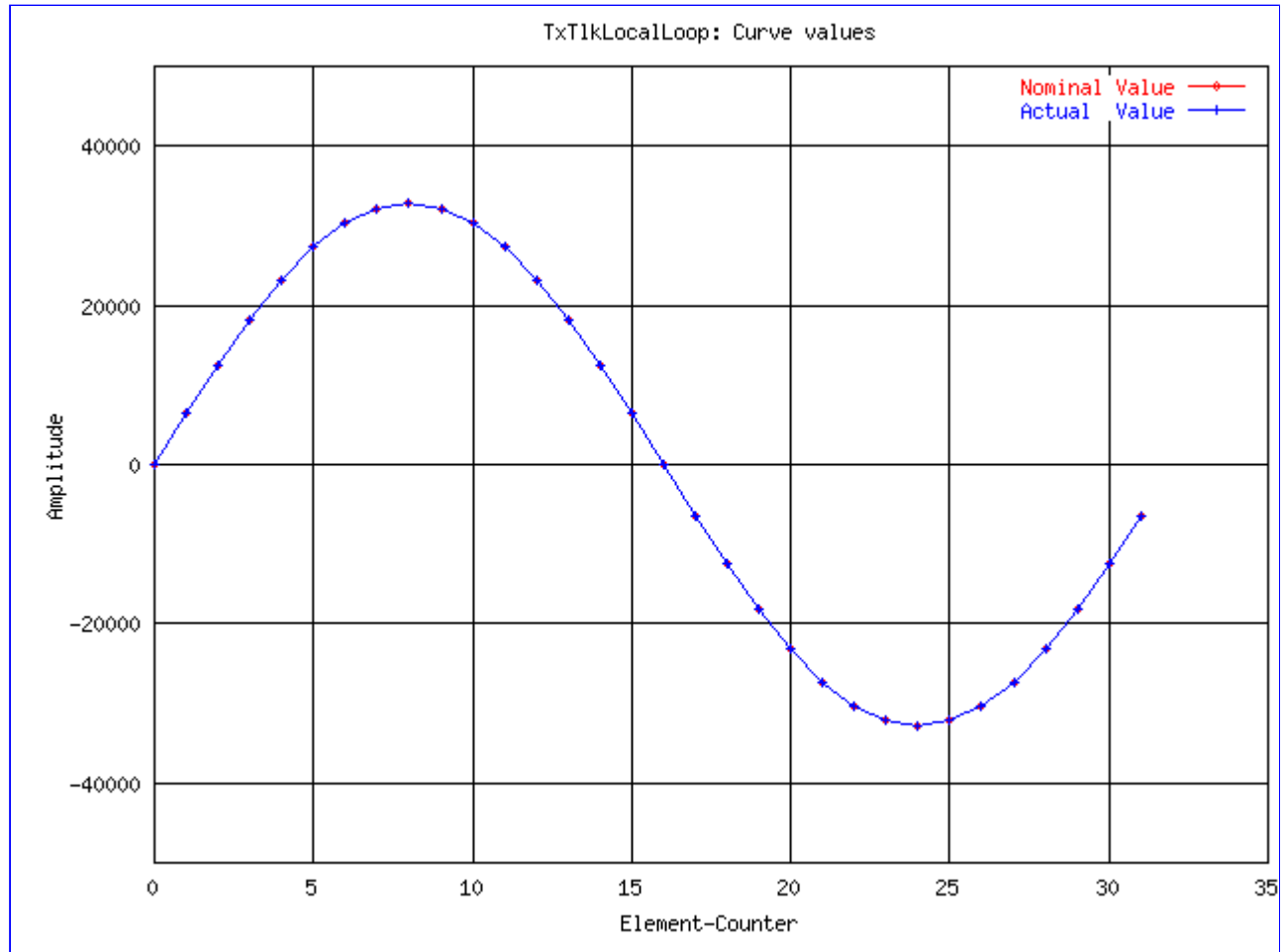
TxAddrBus	ok
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PCI-TX Functional

PCI-TX Test TxTikLocalLoop

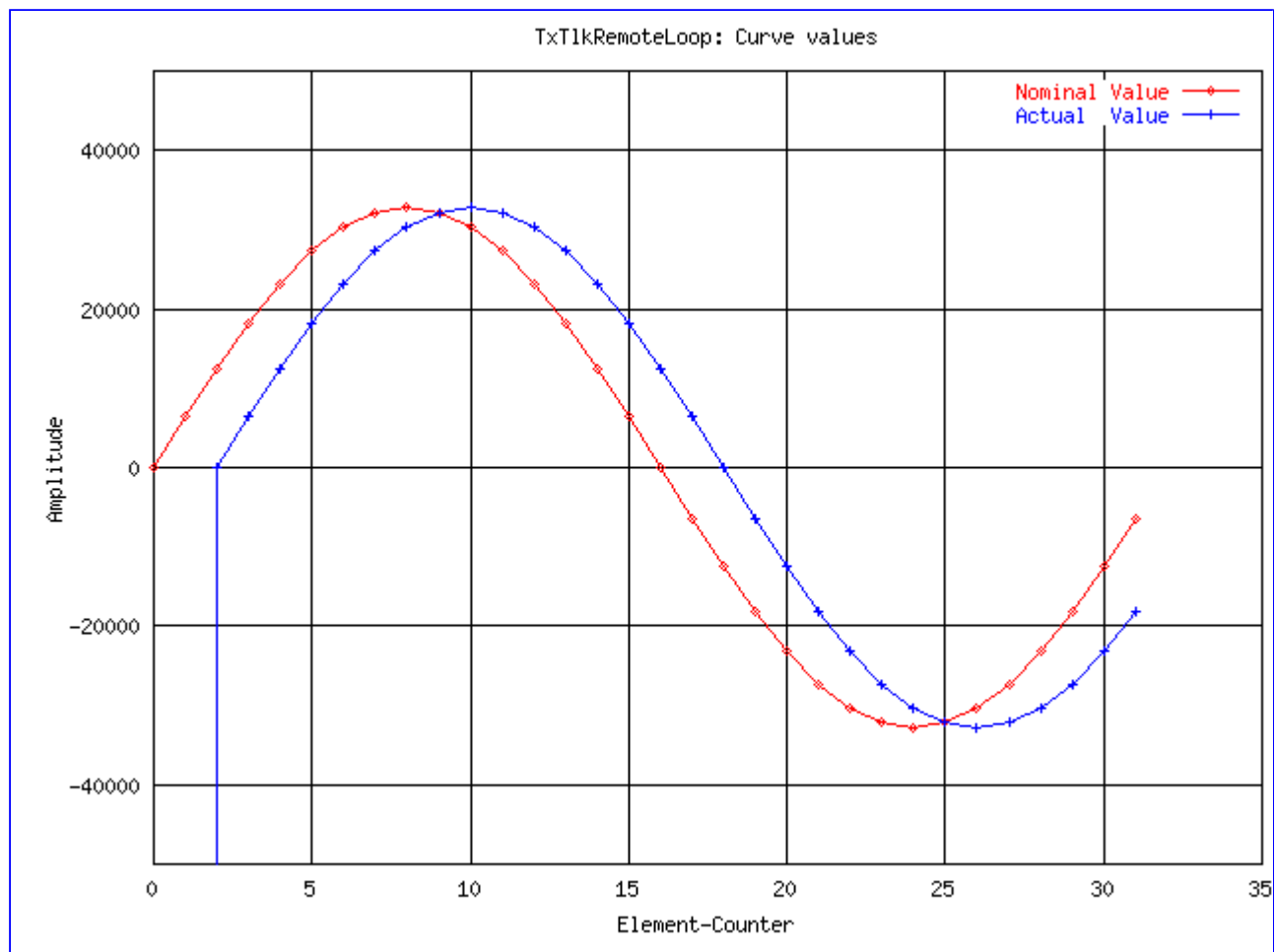
	Status
TxTikLocalLoop	ok



PCI-TX Functional

PCI-TX Test TxTlkRemoteLoop

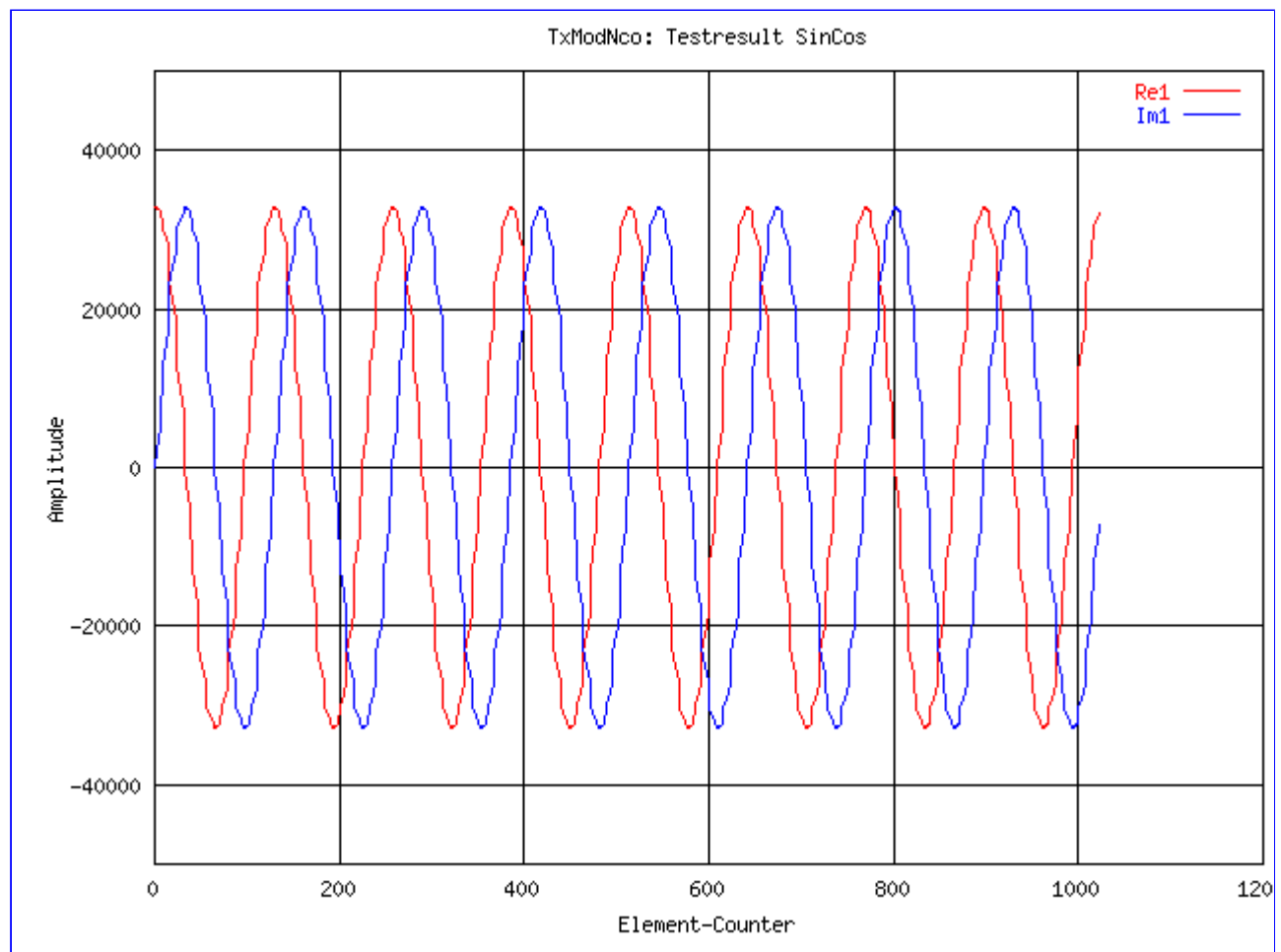
	Status
TxTlkRemoteLoop	ok



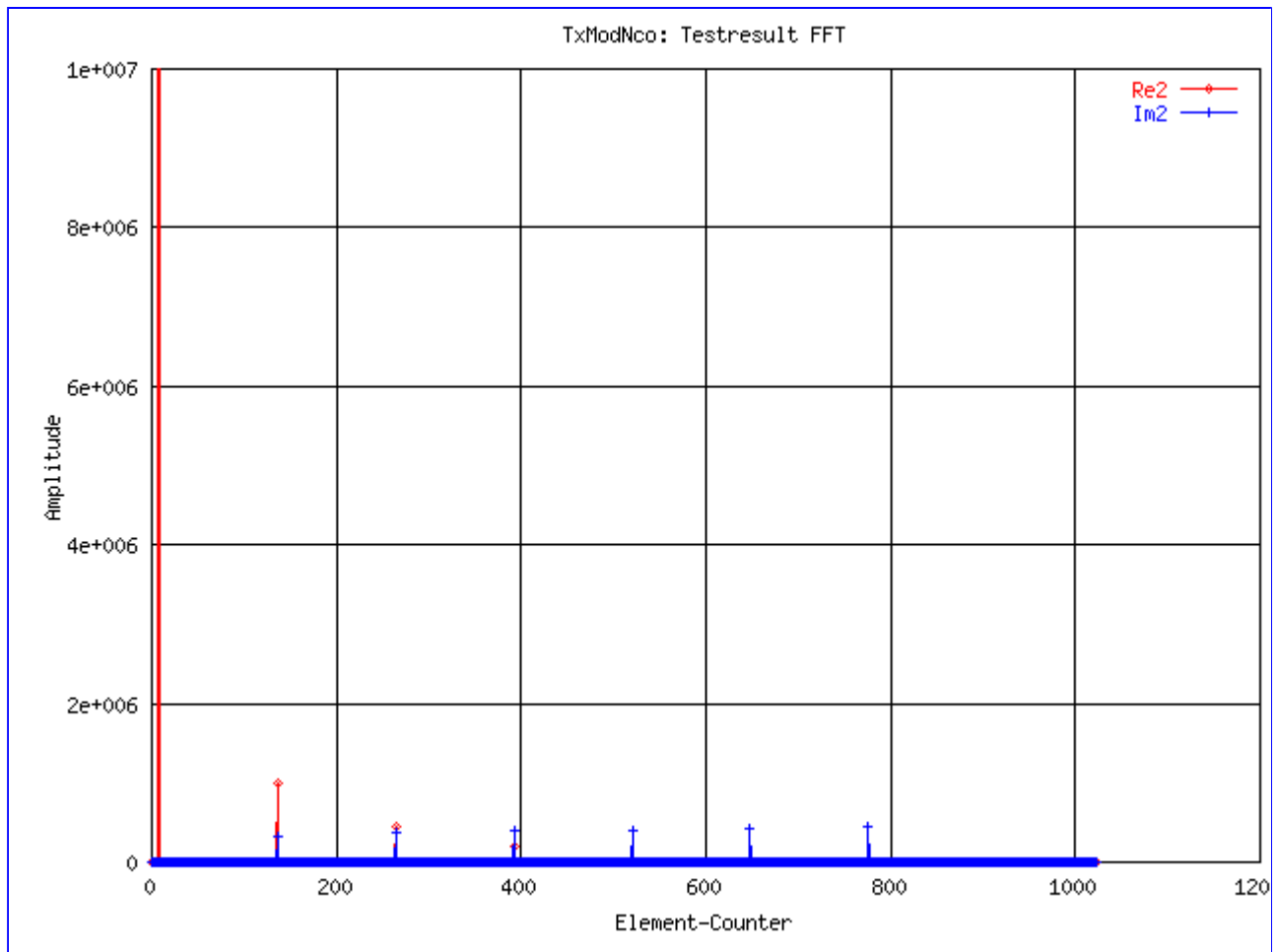
PCI-TX Functional

PCI-TX Test TxModNco

	Status
TxModNco	ok



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PCI-TX Functional

PCI-TX Test GcExtMemTest

	Status
GcExtMemTest	ok



PCI-TX Functional

PCI-TX Test GcMemTest

	Status
GcMemTest	ok



PCI-TX Functional

PCI-TX Test GcDualPortRam

	Status
GcDualPortRam	ok



PCI-TX Functional

PCI-TX Test GcAddrTest

	Status
GcAddrTest	ok



PCI-TX Functional

PCI-TX Test GcDataBus

	Status

GcDataBus	ok
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PCI-TX Functional

PCI-TX Test GcAddrBus

	Status
GcAddrBus	ok



PCI-TX Functional

PCI-TX Test GcRxifLocalLoop 1

	Status
GcRxifLocalLoop	ok



PCI-TX Functional

PCI-TX Test GcRxifLocalLoop 2

	Status
GcRxifLocalLoop	ok



PCI-TX Functional

PCI-TX Test GcRxifRemoteLoop 1

	Status
GcRxifRemoteLoop	ok



PCI-TX Functional

PCI-TX Test GcRxifRemoteLoop 2

	Status
GcRxifRemoteLoop	ok



PCI-TX Functional

PCI-TX Test GcCwLocalLoop 1

	Status
GcCwLocalLoop	ok



PCI-TX Functional

PCI-TX Test GcCwLocalLoop 2

	Status
GcCwLocalLoop	ok



PCI-TX Functional

PCI-TX Test GcCwRemoteLoop 1

	Status
GcCwRemoteLoop	ok



PCI-TX Functional

PCI-TX Test GcCwRemoteLoop 2

	Status
GcCwRemoteLoop	ok



PCI-TX Functional

PCI-TX Test GcGradLocalLoop 1

	Status
GcGradLocalLoop	ok



PCI-TX Functional

PCI-TX Test GcGradLocalLoop 2

	Status
GcGradLocalLoop	ok



PCI-TX Functional

PCI-TX Test GcGradRemoteLoop 1

	Status
GcGradRemoteLoop	ok



PCI-TX Functional

PCI-TX Test GcGradRemoteLoop 2

	Status
GcGradRemoteLoop	ok



PCI-TX Functional

PCI-TX Test GcComRemoteLoop

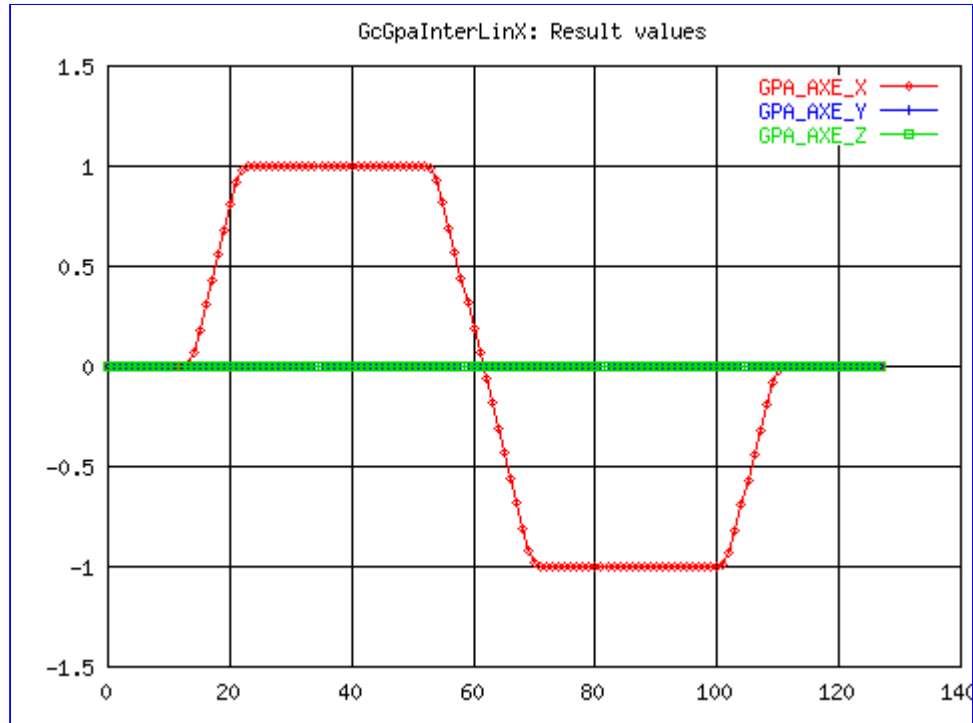
	Status
GcComRemoteLoop	ok



PCI-TX Functional

PCI-TX Test GcGpaInterLin_X

	Status	Min Dev Value	Max Dev Value
GcGpaInterLinX	ok	-0.00001678	0.00002520

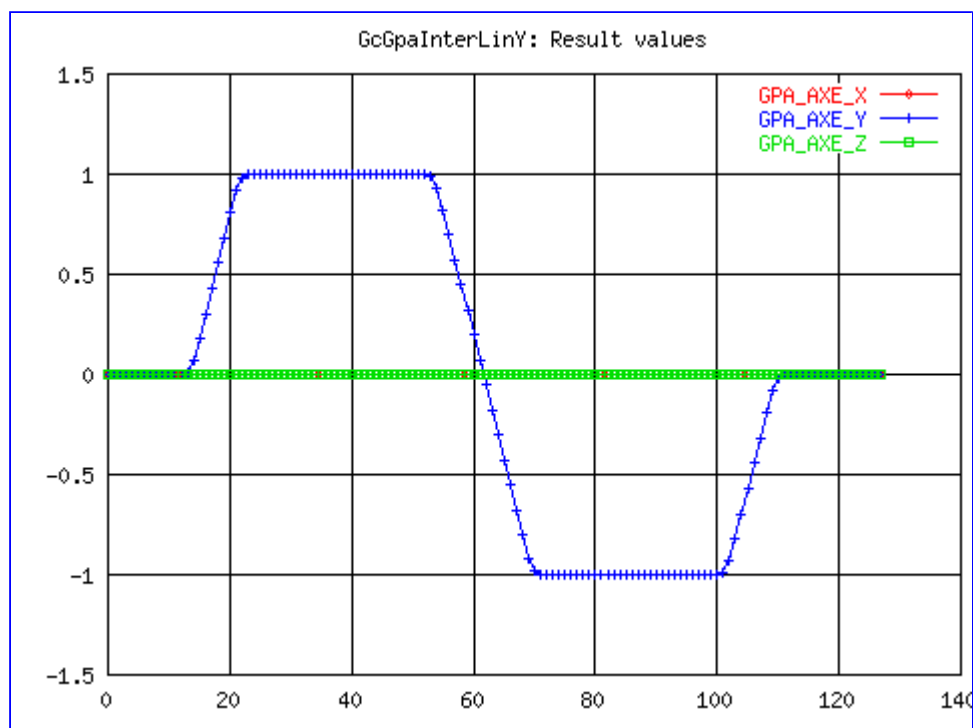




PCI-TX Functional

PCI-TX Test GcGpaInterLin_Y

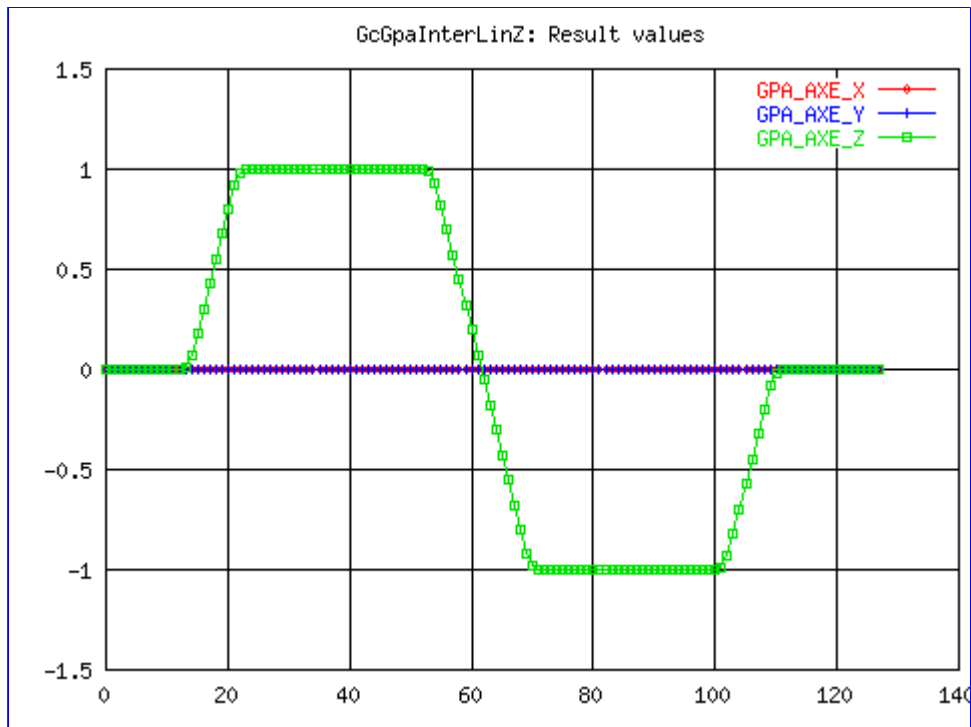
	Status	Min Dev Value	Max Dev Value
GcGpaInterLinY	ok	-0.00001945	0.00002706



PCI-TX Functional

PCI-TX Test GcGpaInterLin_Z

	Status	Min Dev Value	Max Dev Value
GcGpaInterLinZ	ok	-0.00002019	0.00002718



PCI-TX Functional

PCI-TX Test GcGpaInterOffset_X

	Status
GcGpaInterOffset	ok



PCI-TX Functional

PCI-TX Test GcGpaInterOffset_Y

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	Status
GcGpalInterOffset	ok



PCI-TX Functional

PCI-TX Test GcGpalInterOffset_Z

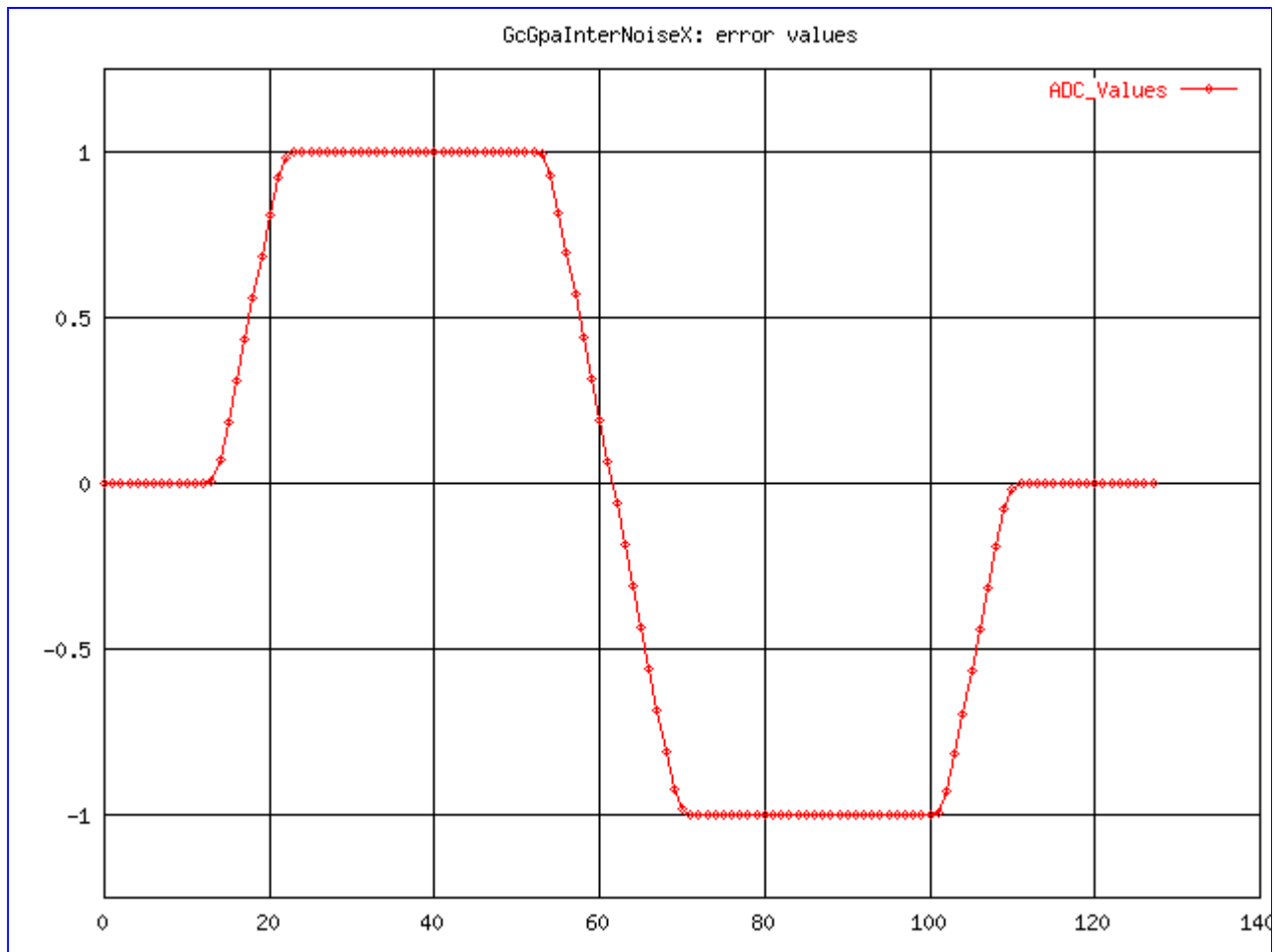
	Status
GcGpalInterOffset	ok



PCI-TX Functional

PCI-TX Test GcGpalInterNoise_X

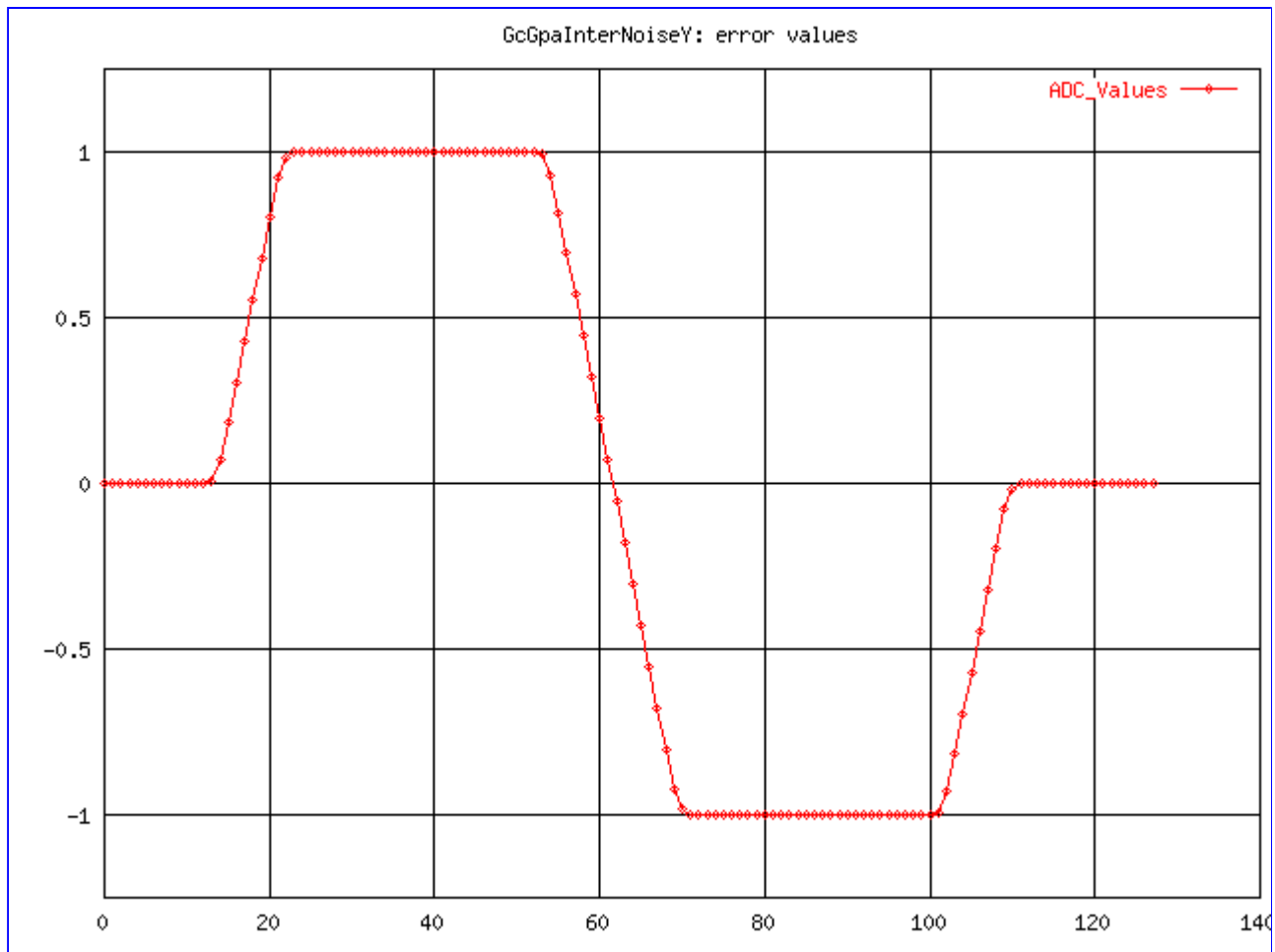
	Status
GcGpalInterNoiseX	ok



PCI-TX Functional

PCI-TX Test GcGpaInterNoise_Y

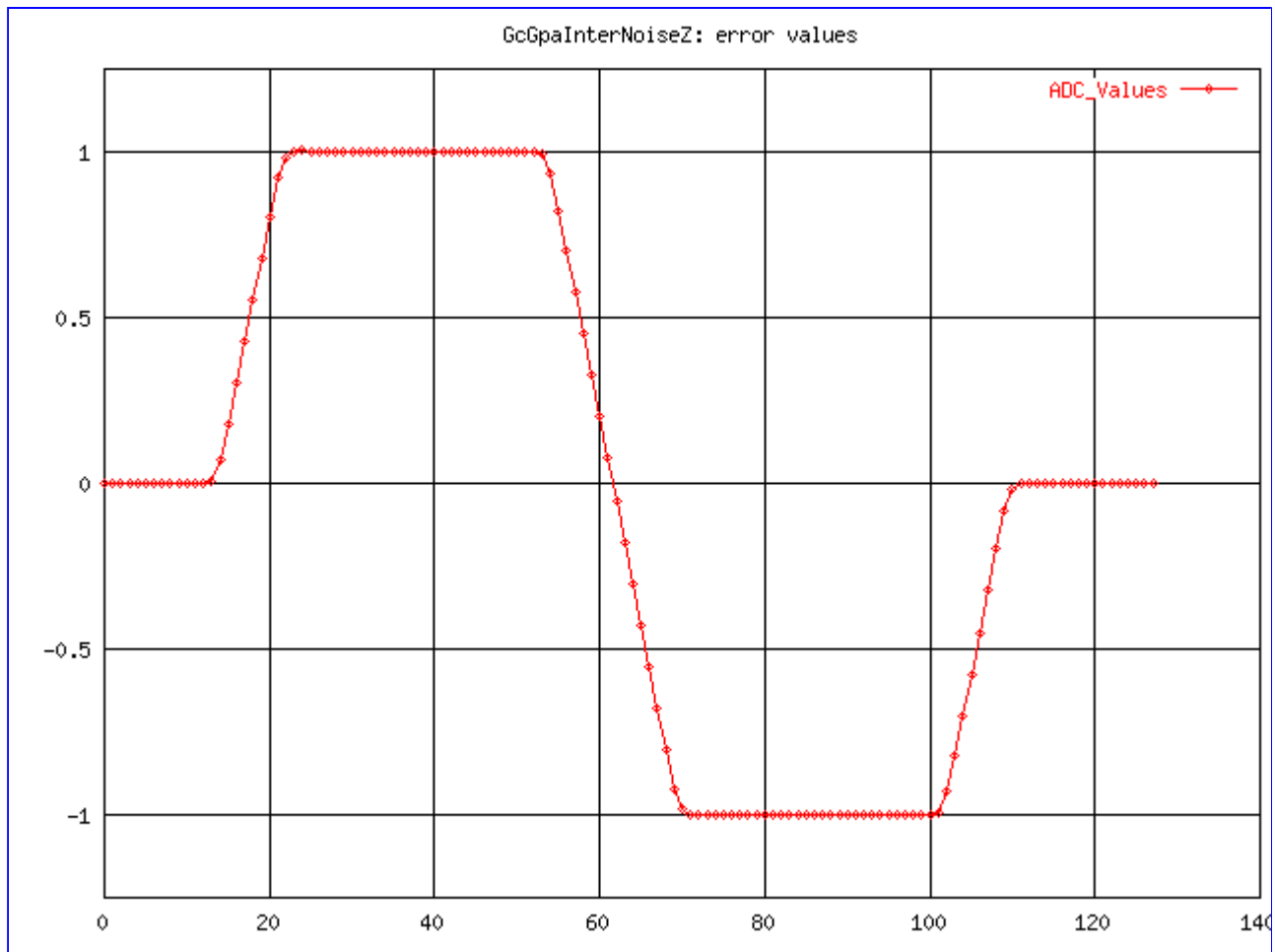
	Status
GcGpaInterNoiseY	ok



PCI-TX Functional

PCI-TX Test GcGpaInterNoise_Z

	Status
GcGpaInterNoiseZ	ok



PCI-TX Functional

PCI-TX Test MPCU Reload



PCI-MON Functional

PCI-MON Test RFPA-Power OFF

	Status
fPowerSwitchTest	ok



PCI-MON Functional

PCI-MON Test GPA-Power OFF

	Status
fPowerSwitchTest	ok



PCI-MON Functional

PCI-MON Test PaliSimMode

	Status
PaliSimMode	ok



PCI-MON Functional

PCI-MON Test GcSeqClk On

	Status
GcSeqClk	ok



PCI-MON Functional

PCI-MON Test StimoExtMemTest

	Status
StimoExtMemTest	ok



PCI-MON Functional

PCI-MON Test StimoMemTest

	Status
StimoMemTest	ok



PCI-MON Functional

PCI-MON Test StimoDualPortRam

	Status
StimoDualPortRam	ok



PCI-MON Functional

PCI-MON Test StimoAddrTest

	Status
StimoAddrTest	ok



PCI-MON Functional

PCI-MON Test StimoDataBus

	Status
StimoDataBus	ok



PCI-MON Functional

PCI-MON Test StimoAddrBus

	Status
StimoAddrBus	ok



PCI-MON Functional

PCI-MON Test StimoAdcRemoteLoop 1

	Status

StimoAdcRemoteLoop	ok
--------------------	----



PCI-MON Functional

PCI-MON Test StimoAdcRemoteLoop 2

	Status
StimoAdcRemoteLoop	ok



PCI-MON Functional

PCI-MON Test StimoAdcRemotePattern 1

	Status
StimoAdcRemotePattern1	ok



PCI-MON Functional

PCI-MON Test StimoAdcRemotePattern 2

	Status
StimoAdcRemotePattern2	ok



PCI-MON Functional

PCI-MON Test PaliExtMemTest

	Status
PaliExtMemTest	ok



PCI-MON Functional

PCI-MON Test PaliMemTest

	Status
PaliMemTest	ok



PCI-MON Functional

PCI-MON Test PaliDualPortRam

	Status
PaliDualPortRam	ok



PCI-MON Functional

PCI-MON Test PaliAddrTest

	Status
PaliAddrTest	ok



PCI-MON Functional

PCI-MON Test PaliDataBus

	Status
PaliDataBus	ok



PCI-MON Functional

PCI-MON Test PaliAddrBus

	Status
PaliAddrBus	ok



PCI-MON Functional

PCI-MON Test MPCU Reload



Dynamic Test Functional

AMC Dynamic Test

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



FPGA Versions Functional

FPGA Versions PaliSimMode

	Status
PaliSimMode	ok



FPGA Versions Functional

FPGA Versions GcSeqClk On

	Status
GcSeqClk	ok



FPGA Versions Functional

FPGA Versions PCI-TX-FPGA Version

	Status	FPGA version
PCI_TX_FPGA_Version	ok	0x0000a215



FPGA Versions Functional

FPGA Versions PCI-MON-FPGA Version

	Status	FPGA version
PCI_MON_FPGA_Version	ok	0x00008311



FPGA Versions Functional

FPGA Versions Modulator-FPGA Version

	Status	FPGA version
Modulator_FPGA_Version	ok	0x0000000e



FPGA Versions Functional

FPGA Versions Imager PCI-RX-FPGA Versions

Pci-Rx Communication test results

	Value	
Communication	ok	
FPGA Version	Device:	PCI_RX16_8 PCI_RX16
	Slot index:	1 0
	PCI9656:	0x00ba 0x00ba
	FPGA versions	
	Ctrl:	0x00f7 0x00f7
	Mofi1:	0xe003 0xe003
	Mofi2:	0xe003 0xe003
	REDIMU versions	
	U1:	0x000c 0x000c
	U2:	0x000c 0x000c
	U3:	0x000c 0x000c
	U4:	0x000c 0x000c



FPGA Versions Functional

FPGA Versions MPCU Reload



MOD/REC Functional

Modulator-Receiver Loop

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.
 ..sTX01=500

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



MOD/REC Functional

Receiver Symmetry

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

..sTX01=500

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



MOD/REC Functional

TALES Reference Voltage

Reference Voltage (TALES)

	Value	Low Spec	High Spec	Unit
Reference Voltage	0.495	0.475	0.525	V



RFPA Comm/Status

RFPA Communication

RFPA Communication: RFPK2204

	Value
Communication	ok
Version	V-78



RFPA Comm/Status

RFPA Status

	Status
fPowerSwitchTest	ok



RFPA Comm/Status

RFPA Status

RFPA Status: RFPK2204

	Value
Status	ok
Detailed status	RFPA_STATUS: Run status = run RFPA_STATUS: Shutdown = ok RFPA_STATUS: Temperature = ok RFPA_STATUS: Dutycycle = ok RFPA_STATUS: Current = ok RFPA_STATUS: RF Power = ok RFPA_STATUS: Voltage = ok RFPA_STATUS: Amplifier status = ok



RFPA Functional

RFPA Power

Used nucleus: 1H

..Measurement RFPK2204, DICO_1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=50

..Measurement RFPK2204, DICO_2 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=131.593

..Measurement RFPK2204, DICO_3 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=213.187

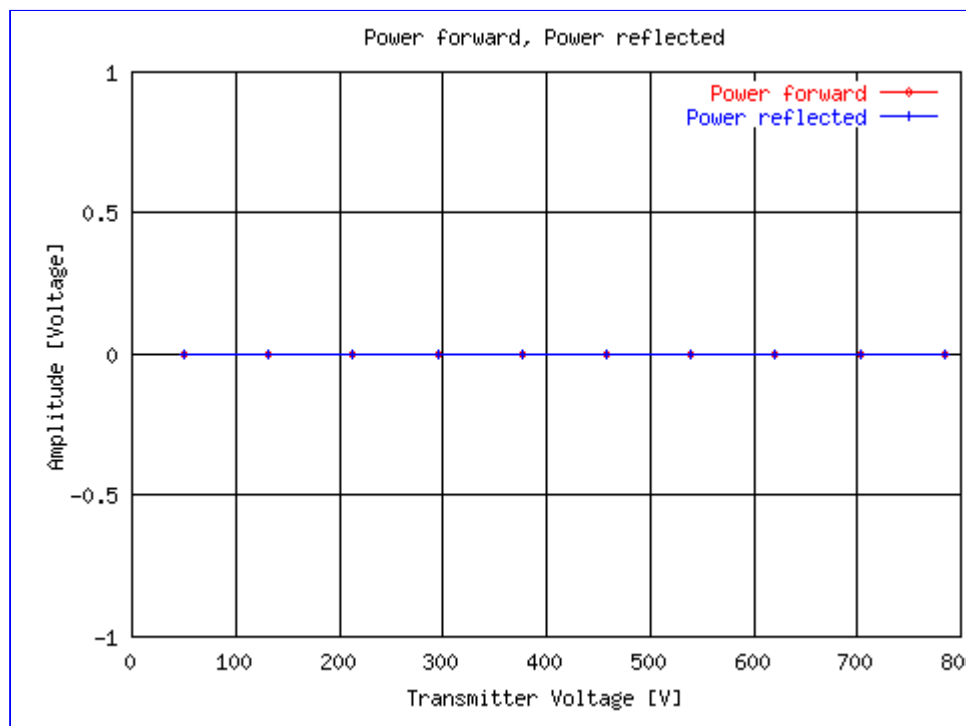
..Measurement RFPK2204, DICO_4 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of

Measurement System failed. ..sTX01=294.78
 ..Measurement RFAK2204, DICO_5 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=376.374
 ..Measurement RFAK2204, DICO_6 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=457.967
 ..Measurement RFAK2204, DICO_7 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=539.56
 ..Measurement RFAK2204, DICO_8 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=621.154
 ..Measurement RFAK2204, DICO_9 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=702.747
 ..Measurement RFAK2204, DICO_10 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=784.34

RFA Power Test (DICO)

	Value	Low Spec	High Spec	Unit
Forward max. Nominal	784.340			V
Forward max. actual (DICO)	0.000	500.000		V
Reflected max. (DICO)	0.000	0.000	100.000	V
Deviation Forward max. Nominal - max. Actual (DICO)	100.000	0.000	5.000	%
Max Ratio Reflected / Forward (DICO)	0.000	0.000	25.000	%

: At least one of the measurements has failed.
 : These measurements are not considered in the table above.



Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



RFPA Functional

RFPA Power (max)

Used nucleus: 1H

..Measurement RFPK2204 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=784.34

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



RFPA Functional

RFPA Loop

Used nucleus: 1H

..Measurement RFPK2204 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=720

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



RFPA Functional

RFPA Loop (linear chara)

Used nucleus: 1H

..Measurement RFPK2204 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=350

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



RFPA Functional

RFPA-TALES

Used nucleus: 1H

..Measurement RFPK2204, DICO ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=650

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



RFPA Functional

RFPA-TALES (linear chara)

Used nucleus: 1H

..Measurement RFPK2204, DICO ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=350

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



RCCS Comm/Status

RCCS Communication

RCCS Communication: RCCSK2254

	Value
Communication	ok
Hardware version	Dev.Name:RCCS (C04011SIE) HWVers. :H1.00S1.40-R VendorID:0x58 ProdCode:0xff401005 Rev Nr. :0xf42cc SerialNr:0 Config :4



RCCS Comm/Status

RCCS Status

RCCS Status: RCCSK2254

	Value
Status	ok
Detailed status	RCCSK2254_STATUS: FPGA = ready
	RCCSK2254_STATUS: CLOCK CONTROL = active
	RCCSK2254_STATUS: Volt (summsignal) = ok
	RCCSK2254_STATUS: 10 Volt for local coils = on



RCCS Functional

RCCS SGA Loop (High Gain)

Used nucleus: 1H

..Measurement RCCS Dummy 1 - 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=30

..Measurement 2 - 2 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=33

..Measurement 3 - 3 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=33

..Measurement 4 - 4 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=33

..Measurement 5 - 5 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=33

..Measurement 6 - 6 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=33

..Measurement 7 - 7 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=33

..Measurement 8 - 8 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=33

..Measurement 9 - 9 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=33

..Measurement 10 - 10 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System

[illegible]

[illegible]

failed. ..sTX01=33
..Measurement 71 - 7 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System
failed. ..sTX01=33
..Measurement 72 - 8 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System
failed. ..sTX01=33

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



BCCS/RCCS Functional

Transmitter-Receiver-Switch

Used nucleus: 1H
..Measurement TAS to dummy load ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.
..Measurement TAS to body coil ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



BCCS/RCCS Functional

BCCS Hybrid

Used nucleus: 1H
..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.
..sTX01=700

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



RFIS Comm/Status

RFIS Communication

RFIS Communication: RFISK2254

	Value
Communication	ok
Hardware version	2/2: 0: Dev.Name:RFIS_1 (C04011SIE) HWVers. :H1.00S1.40-R VendorID:0x58 ProdCode:0xff401005 Rev Nr. :0xf42cc SerialNr:0 Config :1 1: Dev.Name:RFIS_2 (C04011SIE) HWVers. :H1.00S1.40-R VendorID:0x58 ProdCode:0xff401005 Rev Nr. :0xf42cc SerialNr:0 Config :4



RFIS Comm/Status

RFIS Status

RFIS Status: RFISK2254

	Value
Status	ok
Detailed status	RFISK2254_STATUS: Config = done RFISK2254_STATUS: Power failure = not detected RFISK2254_STATUS: coil change = not detected RFISK2254_STATUS: FPGA clock = enabled RFISK2254_STATUS: Temperature on Errorinput = 29 Grad Celsius Thresholds from Measperm: Error : 40 Grad Celsius Warning: 34 Grad Celsius



RFAS Comm/Status

RCCS Communication

RCCS Communication: RCCSK2254

	Value
Communication	ok
Hardware version	Dev.Name:RCCS (C04011SIE) HWVers. :H1.00S1.40-R VendorID:0x58 ProdCode:0xff401005 Rev Nr. :0xf42cc SerialNr:0 Config :4



RFAS Comm/Status

RCCS Status

RCCS Status: RCCSK2254

	Value
Status	ok
Detailed status	RCCSK2254_STATUS: FPGA = ready RCCSK2254_STATUS: CLOCK CONTROL = active RCCSK2254_STATUS: Volt (summsignal) = ok RCCSK2254_STATUS: 10 Volt for local coils = on



RFAS Functional

TALES Reference Voltage

Reference Voltage (TALES)

	Value	Low Spec	High Spec	Unit
Reference Voltage	0.495	0.475	0.525	V



RFAS Functional

RFPA1-TALES

Used nucleus: 1H

..Measurement RFPAK2204, DICO ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=650

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



RFAS Functional

BC-TX-path (reflection)

Used nucleus: 1H

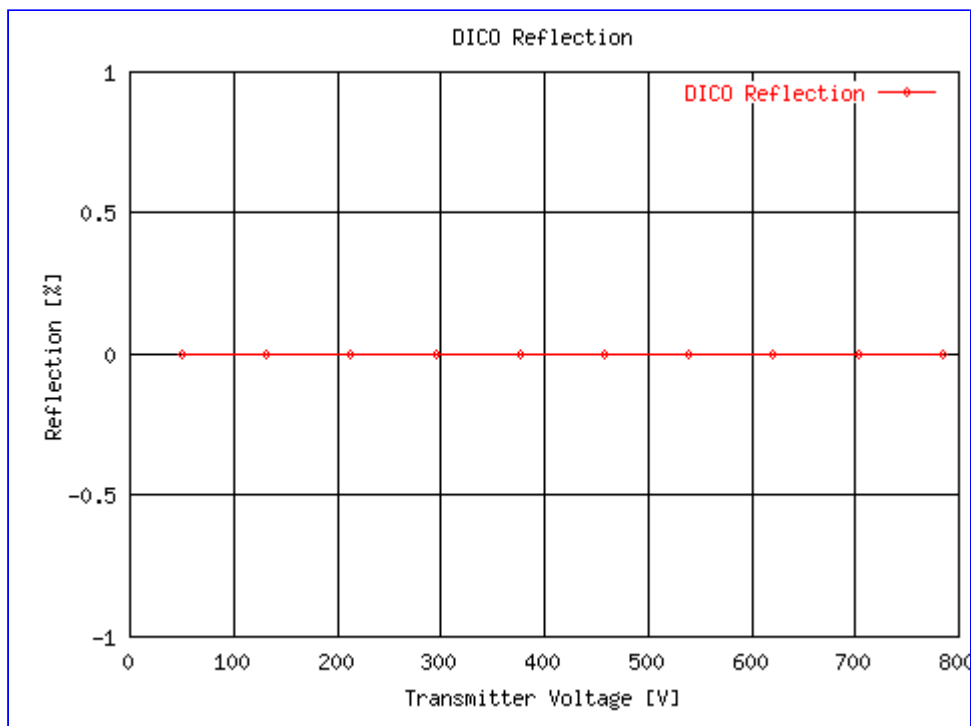
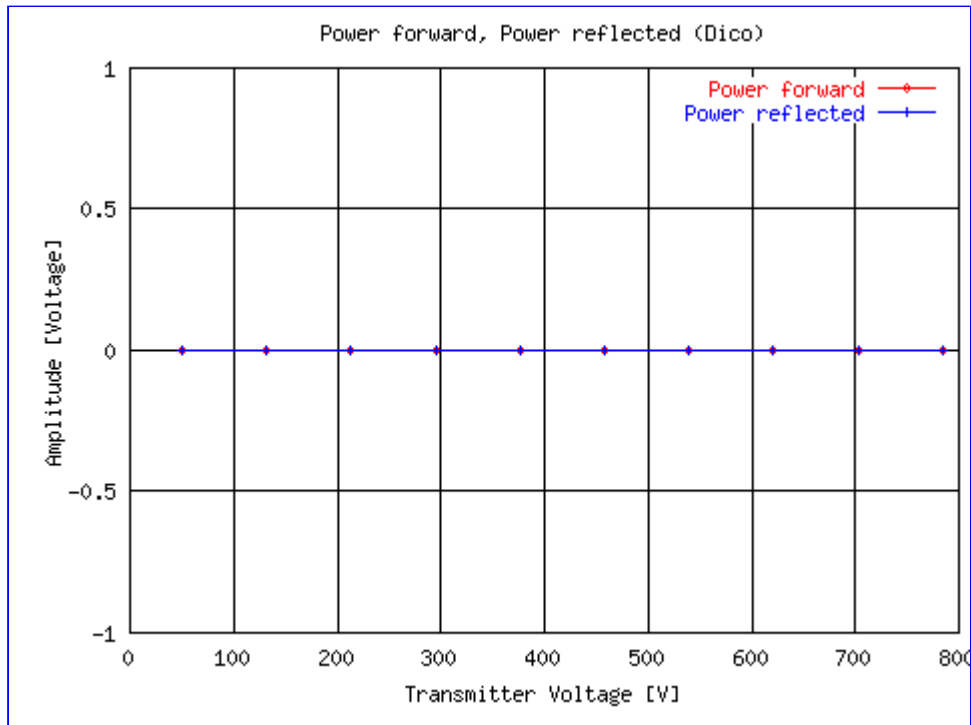
: Measured with normal RF characteristic

..Measurement DICO_1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=50

Results (normal characteristic)

	Value	Low Spec	High Spec	Unit
Forward (at max.ratio)	0.000			V
Reflected (at max. ratio)	0.000			V
Max Ratio Pow-Reflected / Pow-Forward	0.000	0.000	30.000	%

- : At least one of the measurements has failed.
- : These measurements are not considered in the table above.



Return Status: At least one of the measurements has failed



RFAS Functional

BC-TX-path (voltage)

Used nucleus: 1H

: Measured with normal RF characteristic

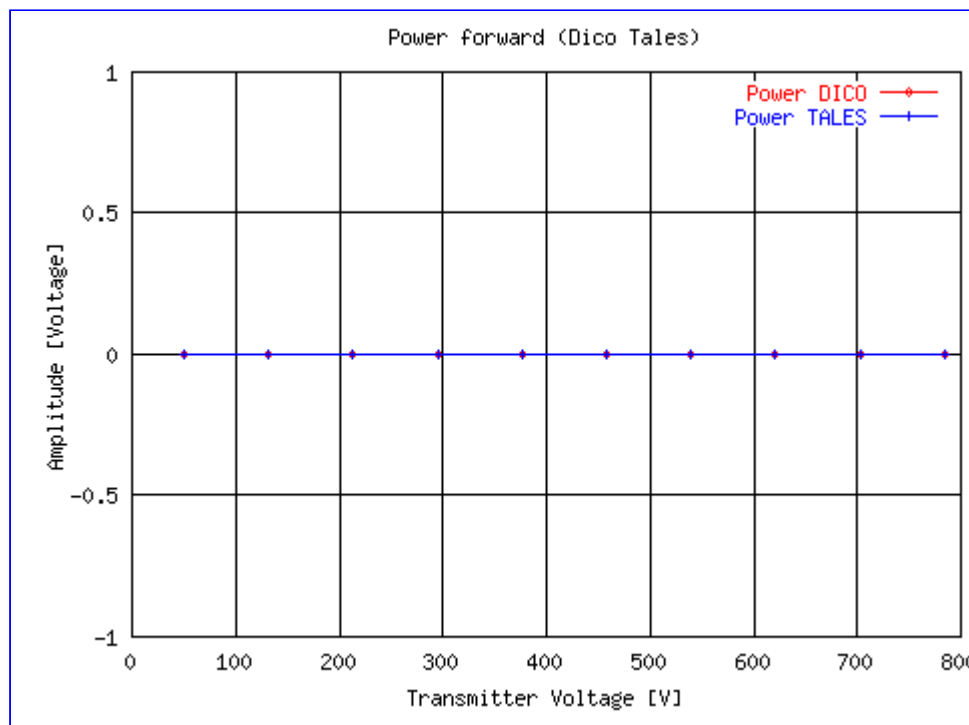
..Measurement DICO_1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=50

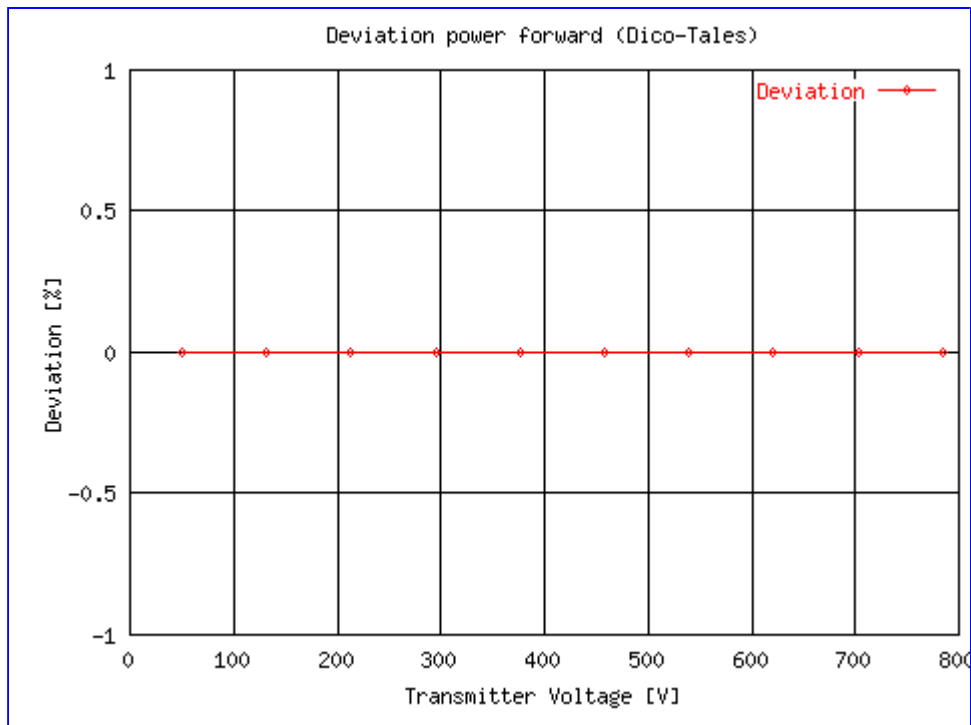
Results (normal characteristic)

	Value	Low Spec	High Spec	Unit
Forward DICO (at max. deviation)	0.000			V
Forward TALES (at max. deviation)	0.000			V
Max Deviation Forward DICO - Forward TALES	0.000	0.000	15.000	%

: At least one of the measurements has failed.

: These measurements are not considered in the table above.





Return Status: At least one of the measurements has failed



BC Functional

BC Reflection Measurement

Used nucleus: 1H

..Measurement BC System 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=30

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



BC Functional

BC Transmission Evaluation

Used nucleus: 1H

..Measurement BC System 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=30

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



BC Functional

BC Power Test

Used nucleus: 1H

..Measurement TALES_1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=50

..Measurement TALES_2 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=131.593

..Measurement TALES_3 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=213.187

..Measurement TALES_4 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=294.78

..Measurement TALES_5 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=376.374

..Measurement TALES_6 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=457.967

..Measurement TALES_7 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=539.56

..Measurement TALES_8 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=621.154

..Measurement TALES_9 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=702.747

..Measurement TALES_10 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed. ..sTX01=784.34

BC Power Test (0 Degree System)

	Value	Low Spec	High Spec	Unit
Evaluation Range Start TraAmpl	213.187			V
Evaluation Range End TraAmpl	784.340			V
TraAmpl (at max. ratio)	213.187			V
Forward (at max.ratio)	0.000			V
Reflected (at max. ratio)	0.000			V
Max Ratio Pow-Reflected / Pow-Forward	0.000	0.000	35.000	%

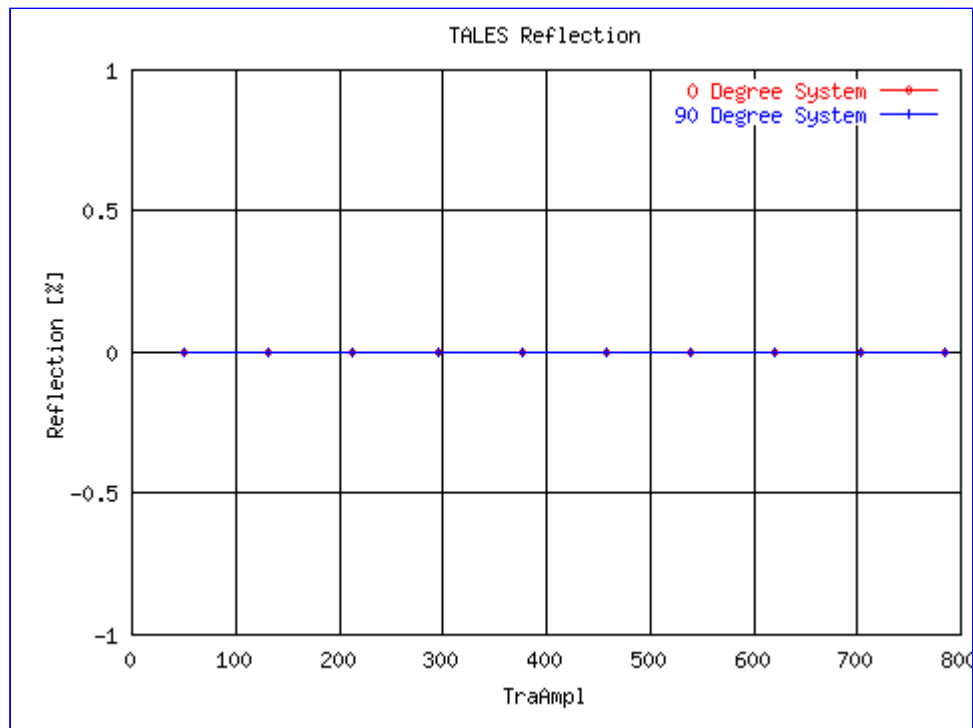
BC Power Test (90 Degree System)

	Value	Low Spec	High Spec	Unit
Evaluation Range Start TraAmpl	213.187			V
Evaluation Range End TraAmpl	784.340			V
TraAmpl (at max. ratio)	213.187			V

Forward (at max.ratio)	0.000			V
Reflected (at max. ratio)	0.000			V
Max Ratio Pow-Reflected / Pow-Forward	0.000	0.000	35.000	%

: At least one of the measurements has failed.

: These measurements are not considered in the table above.



Return Status: At least one of the measurements has failed



BC Functional

BC Check Tuning

BC tuning test results

	Value
Tune current	ok
Detune voltage	ok
Static 500V	ok



GPA status Comm/Status

GPA Communication

GPA Communication: GPAK2259

	Value
Communication	ok
Hardware version	Dev.Name:GPA_K2259 HWVers. :0x01 VendorID:0x0 ProdCode:0x0 Rev Nr. :0x0 SerialNr:0 Vers :GPAK2259App1_VA03A Nov 05 2004
Software version	Vers :GPAK2259App1_VA03A Nov 05 2004



GPA status Comm/Status

GPA Status

GPA Status: GPAK2259

	Value
Status	ok
	GPAK2259_STATUS: GPAK2259 ready for measurement = yes GPAK2259_STATUS: Powersupply = ready GPAK2259_STATUS: Service mode = no GPAK2259_STATUS: Plus 5V = ok GPAK2259_STATUS: Plus-Minus 15V = ok GPAK2259_STATUS: Modulator defect = ok GPAK2259_STATUS: Stimulation danger = ok GPAK2259_STATUS: Open coilswitch = ok

	GPAK2259_STATUS: Powersupply defect	= ok
	GPAK2259_STATUS: Synchronisation	= ok
	GPAK2259_STATUS: Smallsignal pwr supply	= ok
	GPAK2259_STATUS: Controlling	= ok
	GPAK2259_STATUS: Plug protection	= ok
	GPAK2259_STATUS: Gradient coil overtemp	= ok
	GPAK2259_STATUS: Air temp to high threshold 1	= ok
	GPAK2259_STATUS: Air temp to high threshold 2	= ok
	GPAK2259_STATUS: Transformer temperature	= ok
	GPAK2259_STATUS: Modulator sofstop	= no
	GPAK2259_STATUS: Modulator blocked	= no
	GPAK2259_STATUS: Voltage settings bit 1	= no
	GPAK2259_STATUS: Voltage settings bit 2	= yes
	GPAK2259_STATUS: Current settings bit 1	= yes
	GPAK2259_STATUS: Current settings bit 2	= no
	GPAK2259_STATUS: Cylinder test active	= no
	GPAK2259_STATUS: Init not ready	= ok
	GPAK2259_STATUS: Oszillation	= ok
	GPAK2259_STATUS: Power Stage	= ok
	GPAK2259_STATUS: Fan	= ok
	GPAK2259_STATUS: Regulator Loop X	= ok
	GPAK2259_STATUS: Current sensor X	= ok
	GPAK2259_STATUS: Over current X	= ok
	GPAK2259_STATUS: Dutycycle X	= ok
	GPAK2259_STATUS: Mod disabled via switch X	= no
	GPAK2259_STATUS: Mod disabled via LW X	= no
	GPAK2259_STATUS: Control frequency X	= ok
	GPAK2259_STATUS: Temperature X	= ok
	GPAK2259_STATUS: Over voltage X	= ok
Detailed status	GPAK2259_STATUS: Low voltage X	= ok
	GPAK2259_STATUS: Driver voltage X	= ok
	GPAK2259_STATUS: Ohmloss to high X	= ok
	GPAK2259_STATUS: Rectifier overtemperature X	= ok
	GPAK2259_STATUS: Inductor overtemperature X	= ok
	GPAK2259_STATUS: Cable defect X	= ok
	GPAK2259_STATUS: Voltage feedback X	= ok
	GPAK2259_STATUS: Regulator Loop Y	= ok
	GPAK2259_STATUS: Current sensor Y	= ok
	GPAK2259_STATUS: Over current Y	= ok
	GPAK2259_STATUS: Dutycycle Y	= ok
	GPAK2259_STATUS: Mod disabled via switch Y	= no
	GPAK2259_STATUS: Mod disabled via LW Y	= no
	GPAK2259_STATUS: Control frequency Y	= ok
	GPAK2259_STATUS: Temperature Y	= ok
	GPAK2259_STATUS: Over voltage Y	= ok
	GPAK2259_STATUS: Low voltage Y	= ok
	GPAK2259_STATUS: Driver voltage Y	= ok
	GPAK2259_STATUS: Ohmloss to high Y	= ok
	GPAK2259_STATUS: Rectifier overtemperature Y	= ok
	GPAK2259_STATUS: Inductor overtemperature Y	= ok
	GPAK2259_STATUS: Cable defect Y	= ok
	GPAK2259_STATUS: Voltage feedback Y	= ok
	GPAK2259_STATUS: Regulator Loop Z	= ok
	GPAK2259_STATUS: Current sensor Z	= ok
	GPAK2259_STATUS: Over current Z	= ok
	GPAK2259_STATUS: Dutycycle Z	= ok
	GPAK2259_STATUS: Mod disabled via switch Z	= no
	GPAK2259_STATUS: Mod disabled via LW Z	= no
	GPAK2259_STATUS: Control frequency Z	= ok

GPAK2259_STATUS: Temperature Z	= ok
GPAK2259_STATUS: Over voltage Z	= ok
GPAK2259_STATUS: Low voltage Z	= ok
GPAK2259_STATUS: Driver voltage Z	= ok
GPAK2259_STATUS: Ohmloss to high Z	= ok
GPAK2259_STATUS: Rectifier overtemperature Z	= ok
GPAK2259_STATUS: Inductor overtemperature Z	= ok
GPAK2259_STATUS: Cable defect Z	= ok
GPAK2259_STATUS: Voltage feedback Z	= ok
GPAK2259_STATUS: Generic error	= ok
GPAK2259_STATUS: Current error	= ok
GPAK2259_STATUS: Voltage error	= ok
GPAK2259_STATUS: Temperature error	= ok
GPAK2259_STATUS: Communication error	= ok
GPAK2259_STATUS: Device profile specific	= ok
GPAK2259_STATUS: Manufacturer specific	= ok



GPA status Comm/Status

GPA SetPowerSwitch

	Status
fPowerSwitchTest	ok



GPA status Comm/Status

GPA Status

GPA Status: GPAK2259

	Value
Status	ok
GPAK2259_STATUS: GPAK2259 ready for measurement	= yes
GPAK2259_STATUS: Powersupply	= ready
GPAK2259_STATUS: Service mode	= no
GPAK2259_STATUS: Plus 5V	= ok

Detailed status	GPAK2259_STATUS: Plus-Minus 15V	= ok
	GPAK2259_STATUS: Modulator defect	= ok
	GPAK2259_STATUS: Stimulation danger	= ok
	GPAK2259_STATUS: Open coilswitch	= ok
	GPAK2259_STATUS: Powersupply defect	= ok
	GPAK2259_STATUS: Synchronisation	= ok
	GPAK2259_STATUS: Smallsignal pwr supply	= ok
	GPAK2259_STATUS: Controlling	= ok
	GPAK2259_STATUS: Plug protection	= ok
	GPAK2259_STATUS: Gradient coil overtemp	= ok
	GPAK2259_STATUS: Air temp to high threshold 1	= ok
	GPAK2259_STATUS: Air temp to high threshold 2	= ok
	GPAK2259_STATUS: Transformer temperature	= ok
	GPAK2259_STATUS: Modulator sofstop	= no
	GPAK2259_STATUS: Modulator blocked	= no
	GPAK2259_STATUS: Voltage settings bit 1	= no
	GPAK2259_STATUS: Voltage settings bit 2	= yes
	GPAK2259_STATUS: Current settings bit 1	= yes
	GPAK2259_STATUS: Current settings bit 2	= no
	GPAK2259_STATUS: Cylinder test active	= no
	GPAK2259_STATUS: Init not ready	= ok
	GPAK2259_STATUS: Oszillation	= ok
	GPAK2259_STATUS: Power Stage	= ok
	GPAK2259_STATUS: Fan	= ok
	GPAK2259_STATUS: Regulator Loop X	= ok
	GPAK2259_STATUS: Current sensor X	= ok
	GPAK2259_STATUS: Over current X	= ok
	GPAK2259_STATUS: Dutycycle X	= ok
	GPAK2259_STATUS: Mod disabled via switch X	= no
	GPAK2259_STATUS: Mod disabled via LW X	= no
	GPAK2259_STATUS: Control frequency X	= ok
	GPAK2259_STATUS: Temperature X	= ok
	GPAK2259_STATUS: Over voltage X	= ok
	GPAK2259_STATUS: Low voltage X	= ok
	GPAK2259_STATUS: Driver voltage X	= ok
	GPAK2259_STATUS: Ohmloss to high X	= ok
	GPAK2259_STATUS: Rectifier overtemperature X	= ok
	GPAK2259_STATUS: Inductor overtemperature X	= ok
	GPAK2259_STATUS: Cable defect X	= ok
	GPAK2259_STATUS: Voltage feedback X	= ok
	GPAK2259_STATUS: Regulator Loop Y	= ok
	GPAK2259_STATUS: Current sensor Y	= ok
	GPAK2259_STATUS: Over current Y	= ok
	GPAK2259_STATUS: Dutycycle Y	= ok
	GPAK2259_STATUS: Mod disabled via switch Y	= no
	GPAK2259_STATUS: Mod disabled via LW Y	= no
	GPAK2259_STATUS: Control frequency Y	= ok
	GPAK2259_STATUS: Temperature Y	= ok
	GPAK2259_STATUS: Over voltage Y	= ok
	GPAK2259_STATUS: Low voltage Y	= ok
	GPAK2259_STATUS: Driver voltage Y	= ok
	GPAK2259_STATUS: Ohmloss to high Y	= ok
	GPAK2259_STATUS: Rectifier overtemperature Y	= ok
	GPAK2259_STATUS: Inductor overtemperature Y	= ok
	GPAK2259_STATUS: Cable defect Y	= ok
	GPAK2259_STATUS: Voltage feedback Y	= ok
	GPAK2259_STATUS: Regulator Loop Z	= ok
	GPAK2259_STATUS: Current sensor Z	= ok
	GPAK2259_STATUS: Over current Z	= ok

GPAK2259_STATUS: Dutycycle Z	= ok
GPAK2259_STATUS: Mod disabled via switch Z	= no
GPAK2259_STATUS: Mod disabled via LW Z	= no
GPAK2259_STATUS: Control frequency Z	= ok
GPAK2259_STATUS: Temperature Z	= ok
GPAK2259_STATUS: Over voltage Z	= ok
GPAK2259_STATUS: Low voltage Z	= ok
GPAK2259_STATUS: Driver voltage Z	= ok
GPAK2259_STATUS: Ohmloss to high Z	= ok
GPAK2259_STATUS: Rectifier overtemperature Z	= ok
GPAK2259_STATUS: Inductor overtemperature Z	= ok
GPAK2259_STATUS: Cable defect Z	= ok
GPAK2259_STATUS: Voltage feedback Z	= ok
GPAK2259_STATUS: Generic error	= ok
GPAK2259_STATUS: Current error	= ok
GPAK2259_STATUS: Voltage error	= ok
GPAK2259_STATUS: Temperature error	= ok
GPAK2259_STATUS: Communication error	= ok
GPAK2259_STATUS: Device profile specific	= ok
GPAK2259_STATUS: Manufacturer specific	= ok



DAC Functional

Gradient Nominal Value X (High Ampl)

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



DAC Functional

Gradient Nominal Value X (Low Ampl)

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



DAC Functional

Gradient Nominal Value Y (High Ampl)

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



DAC Functional

Gradient Nominal Value Y (Low Ampl)

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



DAC Functional

Gradient Nominal Value Z (High Ampl)

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



DAC Functional

Gradient Nominal Value Z (Low Ampl)

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



Stim.Monitor Functional

Stimulation Monitor Test

Used nucleus: 1H



X Axis Functional

Gradient Actual Value X (High Ampl)

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



X Axis Functional

Gradient Actual Value X (Low Ampl)

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



Y Axis Functional

Gradient Actual Value Y (High Ampl)

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



Y Axis Functional

Gradient Actual Value Y (Low Ampl)

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



Z Axis Functional

Gradient Actual Value Z (High Ampl)

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



Z Axis Functional

Gradient Actual Value Z (Low Ampl)

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



Grad. linearity Functional

Linearity Check

[Log-File](#)

Slice orientation: Sagittal. Performing Y Gradient(readout) Linearity Measurement

ERROR: MR Scanner not ready. Reboot scanner. If the problem still persists, please save System Log-Files by selecting System/Control/Tools. Do not close any pop-up menu manually before the function has been finished successfully. Please call Siemens Service.

Return Status:



Imager Comm/Status

Imager PCI-RX Communication

Pci-Rx Communication test results

	Value		
Communication	ok		
FPGA Version	Device:	PCI_RX16_8	PCI_RX16
	Slot index:	1	0
	PCI9656:	0x00ba	0x00ba
	FPGA versions		
	Ctrl:	0x00f7	0x00f7
	Mofi1:	0xe003	0xe003
	Mofi2:		0xe003
	REDIMU versions		
	U1:	0x000c	0x000c
	U2:	0x000c	0x000c

	U3:	0x000c
	U4:	0x000c



Imager Comm/Status

Imager PCI-RX Status

Pci-Rx Status test results

	Value
Status	ok
Detailed Status	pirecrx driver, build_date: Mar 7 2009, 21:03:59 Imager type: mrir Boards installed: 2 FPGAs successfully loaded. Links OK. Correction RAM loaded. Ready to receive data.



Imager Functional

Feedback Loop Imager-AMC

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



Imager Functional

Data Rate Measurement

Used nucleus: 1H

..Measurement 1 ..failed ..ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.

Return Status: ttsf_SFMeasIF::start() failed: measurement error: Start of Measurement System failed.



Imager Functional

Data Rate Evaluation

	Status	Error text	Used Rx_Channels	Calculated_Data_Rate [MB/Sec]
GetDataRateResult	run but failed	test run but failed	0	0.000



PCI-RX 1 Functional

Imager PCI-RX 1

Pci-Rx test results

	subtest status	Details
Fifo RAM test	ok	FIFO RAM (64 MB) Total errors: 0
Echo Ram test	ok	Echo RAM Total errors: 0
Mdh Buffer test	ok	MDH buf #0 Total errors: 0 MDH buf #1 Total errors: 0

Correction Ram test	ok	Link Ctrl #0, Correction RAM #1 Total errors: 0 Link Ctrl #0, Correction RAM #2 Total errors: 0 Link Ctrl #1, Correction RAM #1 Total errors: 0 Link Ctrl #1, Correction RAM #2 Total errors: 0
RxOn test	ok	Total errors: 0
RxOn Bypass Filter1 test	ok	Total errors: 0
RxOn Bypass Filter2 test	ok	Total errors: 0
Mofi test	ok	Total errors: 0
Nco test	ok	Total errors: 0
Static Intern Links test	ok	Link Ctrl #0 Total errors: 0 Link Ctrl #1 Total errors: 0
Dynamic Intern Links test	ok	Link Ctrl #0 link: 0, writeptr: 0x00010000 link: 1, writeptr: 0x00010000 Total errors: 0 Link Ctrl #1 link: 0, writeptr: 0x00010000 link: 1, writeptr: 0x00010000 Total errors: 0
Dynamic Remote Links test	ok	Link Ctrl #0 link: 0, writeptr: 0x0000fff8 link: 1, writeptr: 0x0000fff8 Total errors: 0 Link Ctrl #1 link: 0, writeptr: 0x0000fff8 link: 1, writeptr: 0x0000fff8 Total errors: 0



PCI-RX 2 Functional

Imager PCI-RX 2

Pci-Rx test results

	subtest status	Details
Fifo RAM test	ok	FIFO RAM (64 MB) Total errors: 0
Echo Ram test	ok	Echo RAM Total errors: 0
Mdh Buffer test	ok	MDH buf #0 Total errors: 0 MDH buf #1 Total errors: 0
Correction Ram test	ok	Link Ctrl #0, Correction RAM #1 Total errors: 0 Link Ctrl #0, Correction RAM #2 Total errors: 0
RxOn test	ok	Total errors: 0
RxOn Bypass Filter1 test	ok	Total errors: 0
RxOn Bypass Filter2 test	ok	Total errors: 0
Mofi test	ok	Total errors: 0
Nco test	ok	Total errors: 0
Static Intern Links test	ok	Link Ctrl #0 Total errors: 0
Dynamic Intern Links test	ok	Link Ctrl #0 link: 0, writeptr: 0x00010000 link: 1, writeptr: 0x00010000 Total errors: 0
		Link Ctrl #0

Dynamic Remote Links test	ok	link: 0, writeptr: 0x0000fff8 link: 1, writeptr: 0x0000fff8 Total errors: 0
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PCI-RX DMA Functional

Imager PCI-RX DMA

Pci-Rx DMA test results

	Status	Details
Pci-Rx DMA test	ok	DMA (2 board(s), 2047 scan lines, 32768 bytes scan size) Total errors: 0



Network Functional

Host Network

Global TCP/IP parameters

	Value
Host name	MRC27150
Database path	%SystemRoot%\System32\drivers\etc
Routing	0 (disabled)

Global NETBT parameters

	Value	Unit
LMHOST name resolution	1 (enabled)	
DNS name resolution	0 (disabled)	
Name proxy server	0 (disabled)	
Name server port number	137 (89 hex)	
Name table size	1 (small)	
Name cache timeout	600000.000	ms
Broadcast name query count	3.000	

Broadcast name query timeout	750.000	ms
Name server query count	3.000	
Name server query timeout	1500.000	ms
Session keep-alive time	3600000.000	ms

Adapter

	Value
Description	Intel(R) PRO/1000 EB Network Connection with I/O Acceleration at PCI bus 15, device 0, function 0
Manufacturer	Intel
Service name	{D1078503-4F86-458E-9E5A-BE2DE137DFF1}
DHCP boot	0 (disabled)
Static IP address	10.250.62.120
DHCP IP address	192.168.121.60
Static sub-net mask	255.255.255.0
DHCP sub-net mask	255.255.255.0
Static default gateways	10.250.62.125
DHCP server	192.168.121.21

Adapter

	Value
Description	Intel(R) PRO/1000 EB Network Connection with I/O Acceleration at PCI bus 15, device 0, function 1
Manufacturer	Intel
Service name	{B736FBAE-D8C8-432B-86B0-BED3040623D4}
DHCP boot	0 (disabled)
Static IP address	192.168.2.1
Static sub-net mask	255.255.255.248

Diagnosis

	Value
No problems found	



MSUP Comm/Status

MSUP Communication

MSUP Communication: MSUPK2256

	Value
Communication	ok
Hardware version	Dev.Name:MSUP HWVers. :2657_05 VendorID:0x0 ProdCode:0x0 Rev Nr. :0x0 SerialNr:0 Vers :MSUPAppl_VA07I jan 09 2008 MagnetSerialNumber :21208243 MagnetRevision :39 SupervisorySerialNumber :2221 SupervisoryRevision :0
Software version	Vers :MSUPAppl_VA07I jan 09 2008



MSUP Comm/Status

MSUP Status

MSUP Status: MSUPK2256

	Value
Status	Scanner hardware error: The hardware units is not ready for measurement. Retry, reboot Scanner, switch off/on Scanner. If the problem still persists, please save System Log-Files by selecting System/Control/Tools. Do not close any message window, before the function has been finished successfully. Please call Siemens Service
	MSUPK2256_STATUS: Helium alarm = ok MSUPK2256_STATUS: Helium warning = ok MSUPK2256_STATUS: EIS drive signal alarm = ok MSUPK2256_STATUS: ERDU battery alarm = ok MSUPK2256_STATUS: ERDU battery warning = ok MSUPK2256_STATUS: ERDU button missing alarm = ok MSUPK2256_STATUS: ERDU button short alarm = ok MSUPK2256_STATUS: ERDU operated = off MSUPK2256_STATUS: Switch heater alarm = ok MSUPK2256_STATUS: Quench heater alarm = ok MSUPK2256_STATUS: Turret temperature alarm = ok MSUPK2256_STATUS: Coldhead temperature alarm = ok MSUPK2256_STATUS: Magnet pressure alarm = ok MSUPK2256_STATUS: Pressure drive signal alarm = ok MSUPK2256_STATUS: Shock log alarm = ok

Detailed status	MSUPK2256_STATUS: Zero Field	= no field	!!!
	MSUPK2256_STATUS: Shield 1 alarm	= ok	
	MSUPK2256_STATUS: +36V status	= ok	
	MSUPK2256_STATUS: +15V status	= ok	
	MSUPK2256_STATUS: +5V status	= ok	
	MSUPK2256_STATUS: EEPROM parameter alarm	= ok	
	MSUPK2256_STATUS: Serial ADC reference status	= ok	
	MSUPK2256_STATUS: Helium probe reference	= ok	
	MSUPK2256_STATUS: Battery load Alarm	= ok	
	MSUPK2256_STATUS: Switch heater status	= off	
	MSUPK2256_STATUS: Helium level test	= off	
	MSUPK2256_STATUS: ERDU battery test	= off	
	MSUPK2256_STATUS: EIS test	= off	
	MSUPK2256_STATUS: Pressure heater	= off	
	MSUPK2256_STATUS: Vent fault	= ok	
	MSUPK2256_STATUS: Carbon resistors 1 & 2	= ok	
	MSUPK2256_STATUS: Carbon resistors 3 & 4	= ok	
	MSUPK2256_STATUS: Compressor status	= on	
	MSUPK2256_STATUS: Compressor pressure	= ok	
	MSUPK2256_STATUS: Compressure over temperature	= ok	
	MSUPK2256_STATUS: Alarmbox config. status	= configured	
	MSUPK2256_STATUS: Alarmbox comms. status	= ok	
	MSUPK2256_STATUS: Switch heater drive alarm	= ok	
	MSUPK2256_STATUS: shield 1 warning	= ok	
	MSUPK2256_STATUS: Cold head temperature warning	= ok	
	MSUPK2256_STATUS: Turret temperature warning	= ok	
	MSUPK2256_STATUS: Supervisory test	= inactive	
	MSUPK2256_STATUS: Helium Probe 1 Status	= ok	
	MSUPK2256_STATUS: Helium Probe 2 Status	= ok	
	MSUPK2256_STATUS: EIS Decay Test	= off	
	MSUPK2256_STATUS: Average heater power	= ok	
	MSUPK2256_STATUS: Alarmbox Watchdog	= enabled	
	MSUPK2256_STATUS: compressor water	= ok	
	MSUPK2256_STATUS: EEPROM Param2 Alarm	= ok	
	MSUPK2256_STATUS: Quench Log Status	= logging	
	MSUPK2256_STATUS: LVQD Status	= not triggered	
	MSUPK2256_STATUS: EEPROM CCR Status	= ok	



ACS Comm/Status

ACS Communication

ACS Communication: ACSK2250

	Value
Communication	ok

Hardware version	Dev.Name:Advanced Cooling System
	HWVers. :E4.0
	VendorID:0x128
	ProdCode:0x0
	Rev Nr. :0x0
	SerialNr:0
Software version	Vers :ACSAppl_VA02L feb 03 2009



ACS Comm/Status

ACS Status

ACS Status: ACSV2250

	Value
Status	Scanner hardware error: The hardware units is not ready for measurement. Retry, reboot Scanner, switch off/on Scanner. If the problem still persists, please save System Log-Files by selecting System/Control/Tools. Do not close any message window, before the function has been finished successfully. Please call Siemens Service
Detailed status	ACSV2250_STATUS: Sep pump = ok ACSV2250_STATUS: Sep service switch = not set ACSV2250_STATUS: SEP out of tolerance = ok ACSV2250_STATUS: Sep Motor Pump = ok ACSV2250_STATUS: Sep Mref flow = ok ACSV2250_STATUS: Sep Primary temp = ok ACSV2250_STATUS: Threshold Flow from Gc = ok ACSV2250_STATUS: Threshold Flow supply = ok ACSV2250_STATUS: Threshold Flow return = ok ACSV2250_STATUS: Threshold Flow MREF = ok ACSV2250_STATUS: Threshold water temp to cabinet = ok ACSV2250_STATUS: ACC air temperature warning level= ok ACSV2250_STATUS: ACC air temperature error level = ok ACSV2250_STATUS: pressure return threshold = error !!! ACSV2250_STATUS: pressure supply threshold = ok ACSV2250_STATUS: 24 V IFP = ok ACSV2250_STATUS: 24 V Internal = ok ACSV2250_STATUS: generic = ok ACSV2250_STATUS: current = ok ACSV2250_STATUS: voltage = ok ACSV2250_STATUS: temperature = ok ACSV2250_STATUS: communication = ok ACSV2250_STATUS: device profile specific = ok ACSV2250_STATUS: manufacturer specific = ok



PTAB Comm/Status

PTAB Communication

PTAB Communication: PTABK2253

	Value
Communication	ok
Hardware version	Dev.Name:PTAB HWVers. :A4140_V1.00 VendorID:0x4a4154 ProdCode:0x5 Rev Nr. :0x5 SerialNr:90782345 Vers :PTABAppl_VA08N aug 19 2008
Software version	Vers :PTABAppl_VA08N aug 19 2008



PTAB Comm/Status

PTAB Status

PTAB Status: PTABK2253

	Value
Status	ok
	P T A B K 2 2 5 3 ===== MStatus_DWORD (0x6040): 0x3f 0x80 0x00 0x00 PTABK2253_Status: commutation Z found = yes PTABK2253_Status: operation enabled Z = yes PTABK2253_Status: reference Z found = yes

Detailed status	PTABK2253_Status: movement Z inward possible	= yes
	PTABK2253_Status: movement Z outward possible	= yes
	PTABK2253_Status: target reached axis Z	= yes
	PTABK2253_Status: home position reached Z	= no
	PTABK2253_Status: remote move cmd acknowledge	= no
	PTABK2253_Status: commutation Y found	= no
	PTABK2253_Status: operation enabled Y	= no
	PTABK2253_Status: reference Y found	= no
	PTABK2253_Status: movement Y upward possible	= no
	PTABK2253_Status: movement Y downward possible	= no
	PTABK2253_Status: moving in Z direction	= yes
	PTABK2253_Status: table stop occurred	= no
	PTABK2253_Status: table stop line active	= no
	PTABK2253_Status: vertical collision detected	= no
	PTABK2253_Status: vertical collision line active	= no
	PTABK2253_Status: error	= no
	last key pressed (0x5120)	= 229 - 0xe5
	trolley state (0x4182)	= 11
	Pos State (0x4180)	= 20
	Center Changed (normally 0):	= 0
	LmState (0x5140)	= 0 - all off
	PTAB error register:	= warning &&& (0x1)
	M o n i t o r s	
	Collision (0x4114): 0x04	
	PTABK2253_COLLISION_S30	= off
	PTABK2253_COLLISION_S31	= off
	PTABK2253_COLLISION_S30_FF	= off
	PTABK2253_COLLISION_S31_FF	= off
	PTABK2253_COLLISION_S50_FF	= off
	PTABK2253_COLLISION_S51_FF	= off
	Wake (0x4116sub5) (0x00, 0x00)	
	PTABK2253_WAKEMON_WAKE_PAN_F	= inactive
	PTABK2253_WAKEMON_WAKE_PAN_R	= inactive
	PTABK2253_WAKEMON_WAKE_TMP_COIL	= inactive
	PTABK2253_WAKEMON_WAKE_SWT	= inactive
	PTABK2253_WAKEMON_WAKE_ORF	= inactive
	PTABK2253_WAKE_MDS	= inactive
	PTABK2253_WAKE_TMP_COIL	= inactive
	PTAB_K2253_STOP_PANEL_FRONT	= inactive
	PTAB_K2253_STOP_PANEL_REAR	= inactive
	PTAB_K2253_STOP_SPEAKER	= inactive
	PTAB_K2253_STOP_ORF	= inactive
	PTAB_K2253_STOP_SWT	= inactive
	IIC-Bus (0x4122) (0xdb, 0x10)	
	PTABK2253_IIC_BUS_CONTROLLER	= OK
	PTABK2253_IIC_BUS_POWER_DRIVER	= OK
	PTABK2253_IIC_BUS_SWITCH_TERMINAL	= trolley not installed ->
	PTABK2253_IIC_BUS_SUPPLIED_FUNCTIONS	= OK
	PTABK2253_IIC_BUS_DISPLAY_FRONT	= installed
	PTABK2253_IIC_BUS_PANEL_FRONT_LEFT	= installed
	PTABK2253_IIC_BUS_PANEL_FRONT_RIGHT	= installed
	PTABK2253_IIC_BUS_PANEL_REAR	= not installed
	PTABK2253_IIC_BUS_DISPLAY_REAR	= not installed
	PTABK2253_STAT13_IIC_BUS_BANANA_RIGHT	= not installed
	PTABK2253_STAT13_IIC_BUS_BANANA_REAR	= not installed
	PTABK2253_STAT13_IIC_BUS_BANANA_LEFT	= not installed

```

PTABK2253_IIC_BUS_ATMU (bore temperature sensor) = installed

VoltageSupply (0x4154) (0x88, 0xff)
PTABK2253_VOLT_SUPPLY_24V_DC_MDSD = OK
PTABK2253_VOLT_SUPPLY_24V_DC_ORT = OK
PTABK2253_VOLT_SUPPLY_24V_DC_SWT = OK
PTABK2253_VOLT_SUPPLY_OUT_DC_SWITCHES = trolley not installed ->
PTABK2253_VOLT_SUPPLY_14V_DC_SWT = OK
PTABK2253_VOLT_SUPPLY_14V_DC_PAN_F = OK
PTABK2253_VOLT_SUPPLY_14V_DC_PAN_R = OK

Switches Mon SWT (0x4110sub2) (0x00, 0x00, 0x00, 0x00)
S49_NC right hook open = not actuated (not valid)
S48_NC left hook open = not actuated (not valid)
S47_NC right hook closed = not actuated (not valid)
S46_NC left hook closed = not actuated (not valid)
S40_NC trolley docked = trolley docked (not valid)
S61_NC cover patient comfort connectors = not actuated (not valid)
S60 APC = connected (not valid)

Switches Mon Proz (0x4110sub1) (0x37, 0xfc)
S10_N0 horizontal reference = actuated
S20_NC drive in height = actuated
S22_NC end switch bottom = not actuated
S26_NC reserved = actuated
S27_NC reserved = actuated
S30_NC collision spindle = actuated
S31_NC collision plate = not actuated
S41_NC exc plate <-> trolley: close up range = actuated
S42_NC exc plate <-> trolley: detection left = actuated
S43_NC exc plate <-> trolley: detection right = actuated
S43_NC exc plate <-> trolley: detection right = actuated
S44_NC exchange <-> carrier plate: close up range = actuated
S45_NC exchange <-> carrier plate: detection = actuated
COLL_VERT = collision vert

### currently detected errors by PTAB itself:
0x0, 0x0, 0x0, 0x0 - 0x0, 0x0, 0x0, 0x0
no errors detected

Special: 1 - 0x1
PTABK2253_STAT24_NEW_REL_POSITION = 1

```



MDSD Comm/Status

MDSD Communication

MDSD Communication: MDSDK2253

	Value
Communication	ok
Hardware version	Dev.Name:MDSD HWVers. :A4320_V1.00 VendorID:0x4a4154 ProdCode:0x69 Rev Nr. :0x24 SerialNr:0 Vers :MDSDAppl_VA01Z aug 08 2008
Software version	Vers :MDSDAppl_VA01Z aug 08 2008

**MDSD Comm/Status****MDSD Status****MDSD Status: MDSDK2253**

	Value
Status	ok
Detailed status	<pre> M D S D K 2 2 5 3 ===== c u r r e n t p o s i t i o n : -1553 s t a t u s w o r d 1: 0x37 MDSDK2253_STAT29_SWITCHED_ON = on MDSDK2253_STAT04_OPERATION_ENABLED = enabled MDSDK2253_STAT04_FAULT = disabled MDSDK2253_STAT04_VOLTAGE_DISABLED = disabled MDSDK2253_STAT04_QUICK_STOP = on MDSDK2253_STAT04_SWITCH_ON_DISABLED = enabled MDSDK2253_STAT04_WARNING = no MDSDK2253_STAT04_VOLTAGE_DISABLED = disabled MDSDK2253_STAT04_VOLTAGE_DISABLED = disabled s t a t u s w o r d 2: 0xd7 </pre>

MDSDK2253_STAT05_MOVING_Z	= standing
MDSDK2253_STAT05_REMOTE	= standing
MDSDK2253_STAT05_TARGET_REACHED	= yes
MDSDK2253_STAT05_INTERNAL_LIMIT_ACTIVE	= no
MDSDK2253_STAT05_COMMUTATION_FOUND	= yes
MDSDK2253_STAT05_REFERENCE_FOUND	= yes
MDS error register: OK - 0x0	



PMU Comm/Status

PMU Communication

PMU Communication: PMU

	Value
Communication	ok
Loadware version	SW rev.: 7.5
Firmware version	HW rev. : 4



PMU Comm/Status

PMU Status

PMU Status: PMU

	Value
Status	ok
Detailed status	PMUFE_STATUS: Supply voltages = ok PMUFE_STATUS: AMC data receive = ok PMUFE_STATUS: PPU data = no receiving PMUFE_STATUS: PERU data = no receiving



Auto Diagnosis

Auto Diagnosis

Using 6 failing test results and 36 ok.

The unit MSUP could be defect.

The unit ACS could be defect.

The following tests failed, but no defect could be localized:

The following tests failed, but no defect could be localized

Value
TST_RfpaDummyLoadDicoTalesPower/1/EXE_ttsf_rfpa_bc_func_aut_ID_RfpaBcDicoTable;ID_RfpaBcDicoDev
TST_StimulationMonitor/1/EXE_ttsf_dbdt_test_FALSE_STATIC
TST_MdsdInter/2/EXE_ttsf_amc_functional_FALSE_STATIC



Summary

Total number of Tests: 154 (of which 7 failed and 33 did not return a result)

Total execution time: 0:46:33

Test "[PCI-TX Test MPCU Reload](#)" failed.
Test "[PCI-MON Test MPCU Reload](#)" failed.
Test "[AMC Dynamic Test](#)" did not return a result.
Test "[FPGA Versions MPCU Reload](#)" failed.
Test "[Modulator-Receiver Loop](#)" did not return a result.
Test "[Receiver Symmetry](#)" did not return a result.
Test "[RFPA Power](#)" did not return a result.
Test "[RFPA Power \(max\)](#)" did not return a result.
Test "[RFPA Loop](#)" did not return a result.
Test "[RFPA Loop \(linear chara\)](#)" did not return a result.
Test "[RFPA-TALES](#)" did not return a result.
Test "[RFPA-TALES \(linear chara\)](#)" did not return a result.
Test "[RCCS SGA Loop \(High Gain\)](#)" did not return a result.
Test "[Transmitter-Receiver-Switch](#)" did not return a result.
Test "[BCCS Hybrid](#)" did not return a result.
Test "[RFPA1-TALES](#)" did not return a result.
Test "[BC-TX-path \(reflection\)](#)" did not return a result.
Test "[BC-TX-path \(voltage\)](#)" did not return a result.
Test "[BC Reflection Measurement](#)" did not return a result.

Test "[BC Transmission Evaluation](#)" did not return a result.
Test "[BC Power Test](#)" did not return a result.
Test "[Gradient Nominal Value X \(High Ampl\)](#)" did not return a result.
Test "[Gradient Nominal Value X \(Low Ampl\)](#)" did not return a result.
Test "[Gradient Nominal Value Y \(High Ampl\)](#)" did not return a result.
Test "[Gradient Nominal Value Y \(Low Ampl\)](#)" did not return a result.
Test "[Gradient Nominal Value Z \(High Ampl\)](#)" did not return a result.
Test "[Gradient Nominal Value Z \(Low Ampl\)](#)" did not return a result.
Test "[Stimulation Monitor Test](#)" failed.
Test "[Gradient Actual Value X \(High Ampl\)](#)" did not return a result.
Test "[Gradient Actual Value X \(Low Ampl\)](#)" did not return a result.
Test "[Gradient Actual Value Y \(High Ampl\)](#)" did not return a result.
Test "[Gradient Actual Value Y \(Low Ampl\)](#)" did not return a result.
Test "[Gradient Actual Value Z \(High Ampl\)](#)" did not return a result.
Test "[Gradient Actual Value Z \(Low Ampl\)](#)" did not return a result.
Test "[Linearity Check](#)" did not return a result.
Test "[Feedback Loop Imager-AMC](#)" did not return a result.
Test "[Data Rate Measurement](#)" did not return a result.
Test "[Data Rate Evaluation](#)" failed.
Test "[MSUP Status](#)" failed.
Test "[ACS Status](#)" failed.

Testsuite completed.