

Agilent

infiniium
Oscilloscope

1.5 GHz
8 GSa/s

SN US40020227

Self Test

Start Test

Self Test -

Scope Self Tests

Self Test Instructions

Please disconnect all probes, cables and ESD caps from front panel BNC inputs and then press 'Start Test'.

☐ Service Extensions

Diagnostics

Test Run : Scope Self Tests Test --- 12 MAY 2019 16:02:29

Test A to D Converter FAILED.
Test FIFO FAILED.
Test Offset Dac FAILED.
Test Gain FAILED.
Test Probe Board PASSED.
Test Temperature Sense PASSED.
Test Trigger Level FAILED.
Test Logic Trigger FAILED.
Test Pattern Trigger FAILED.
Test State Trigger FAILED.
Test Time Tag PASSED.
Test Interpolator PASSED.
Test Timebase PASSED.
Test Attenuator Contacts PASSED.
Test Scroll Mode Counter PASSED.
Test Non-Volatile SRAM PASSED.
Test Video Ram PASSED.
Test Video SRam PASSED.
Test Tri-state Register PASSED.

Close

Help



Print
Diagnostics

Marker
A —

Quick
Meas +

Marker
B ----

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☐ Service Extensions

Diagnostics

Test Probe Board PASSED.
Test Temperature Sense PASSED.
Test Trigger Level FAILED.
Test Logic Trigger FAILED.
Test Pattern Trigger FAILED.
Test State Trigger FAILED.
Test Time Tag PASSED.
Test Interpolator PASSED.
Test Timebase PASSED.
Test Attenuator Contacts PASSED.
Test Scroll Mode Counter PASSED.
Test Non-Volatile SRAM PASSED.
Test Video Ram PASSED.
Test Video SRam PASSED.
Test Tri-state Register PASSED.
Test Timer PASSED.
Test Video Control Register PASSED.
Test Acquisition Status/Control Register PASSED.
Test Scope Self Tests FAILED.

Close

Help

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Self Test

Start Test

Self Test -

A To D Converter

Self Test Instructions

Please disconnect all probes, cables and ESD caps from front panel BNC inputs and then press 'Start Test'.

☒ Service Extensions

☐ Suppress Error Logging

Diagnostics

Test Group

☒ Self Tests

☐ Sub Tests

View Group

☒ View Test Group Selection

☐ View Diagnostics Log File

Loop Control

Single

N Loops

1

Loops - Passed -- Failed -- Completed

NA

NA

NA

Source

All

Close

Help



Print
Diagnostics

Clear All
Log Files

```
***Test Run*** : A to D Converter Test --- 12 MAY 2019 16:06:53
Self Test invoked cal executed.
Error in self test invoked cal - DLL cal.
Error in self test invoked cal - Clk 100Mhz cal.
Error in self test invoked cal - Data Acq cal.
Error in self test invoked cal - Fiso Redundancy cal.
Test FAILED on channel 1
Acquisition Error: Data Path Not Found
Test FAILED on channel 1
Acquisition Error: Data Path Not Found
Test FAILED on channel 1
Fiso's stacked, Hybrid bit is stuck.
010000000000B 011000000000B 010100000000B 011100000000B
010000000000B 011000000000B 010100000000B 011100000000B
Test A to D Converter FAILED.
```



Marker
A



Quick
Meas +



Marker
B



Self Test

Start Test

Self Test -

FISO

Test Group

☒ Self Tests☐ Sub Tests

View Group

☒ View Test Group Selection☐ View Diagnostics Log File

Self Test Instructions

Please disconnect all probes, cables and ESD caps from front panel BNC inputs and then press 'Start Test'.

Loop Control

Single

N Loops

1

Loops - Passed -- Failed -- Completed

NA

NA

NA

Source

☒ Service Extensions☐ Suppress Error Logging

Diagnostics

****Test Run****: FISO Test --- 12 MAY 2019 16:08:03

Self Test invoked cal executed.

Error in self test invoked cal - DLL cal.

Error in self test invoked cal - Clk 100Mhz cal.

Error in self test invoked cal - Data Acq cal.

Error in self test invoked cal - Fiso Redundancy cal.

FISO test failed on channel 1

FISO data bit error not correctable.

Test FISO FAILED.

Marker
A —Quick
Meas +Marker
B ----

Self Test

Start Test

Self Test -

Gain

Self Test Instructions

Please disconnect all probes, cables and ESD caps from front panel BNC inputs and then press 'Start Test'.

☒ Service Extensions

☐ Suppress Error Logging

Test Group
☒ Self Tests
☐ Sub Tests

View Group
☒ View T
☐ View D

Loop Control

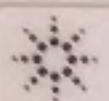
Single

Diagnostics

Loops - Passed	-- Failed -- Co
NA	NA

Test Run : Gain Test --- 12 MAY 2019 16:08:20
 Self Test invoked cal executed.
 Error in self test invoked cal - DLL cal.
 Error in self test invoked cal - Clk 100Mhz cal.
 Error in self test invoked cal - Data Acq cal.
 Error in self test invoked cal - Fiso Redundancy cal.
 Acquisition Error: Data Path Not Found
 Test FAILED on channel 1
 Acquisition Error:
 Check A to D converter selftest.
 Test Gain FAILED.





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File Control Setup Measure Analyze Utilities Help

4:10 PM

Acquisition is stopped.

1 On

2 On

3 On

4 On

200 mV/div



More
(1 of 2)

Clear
All



200 μ s/div 156.000000 μ s 0.0V



Marker
A

Quick
Meas +

Marker
B