

***** Verification Test Report *****

Date: 11/11/2013
Time: 1:35:56 PM

Unit Personality:

Model: MLBFR-0812
Serial Number: 0037
MLWI Sales Order #: 19-0026
Firmware Version: 1.1 Jul 12 2011
Minimum Frequency: 8000.000 MHz
Maximum Frequency: 12400.000 MHz
Minimum Temperature: 0 Deg. C
Maximum Temperature: 50 Deg. C
Maximum Temperature Reached: 30.5 Deg. C
Current Temperature: +29.9C
Filter Frequency Accuracy: +/-10.0 MHz
Filter Bandwidth: 25 MHz (Min)
Filter Bandwidth Measurement Level: -40.0 dB
Filter Insertion Loss: 2.7 dB (Max)
Filter RF Limiting Level: 13 dBm (Min)
Filter RF Test Level: 2 dBm
Filter Passband Spurs / Ripple: 4.0 dB (Max)
Filter Off Resonance Isolation: N/A dB (Min)
Nonvolatile Memory State: Locked
Unit Health Status: Good
Minimum Endpoint DAC Cal Data: A8E Hex
Maximum Endpoint DAC Cal Data: F51F Hex
Unit Calibration Status: Yes
Ethernet DHCP Status: On
IP Address: 192.168.1.70
Subnet Mask: 255.255.255.0
Gateway: 192.168.1.1
DNS1: 192.168.1.1
DNS2: 0.0.0.0
MAC Address: 0004A37C4042
Host Name / USB Identifier: MLBFR0037
Socket Port #: 30303

***** Test Results *****

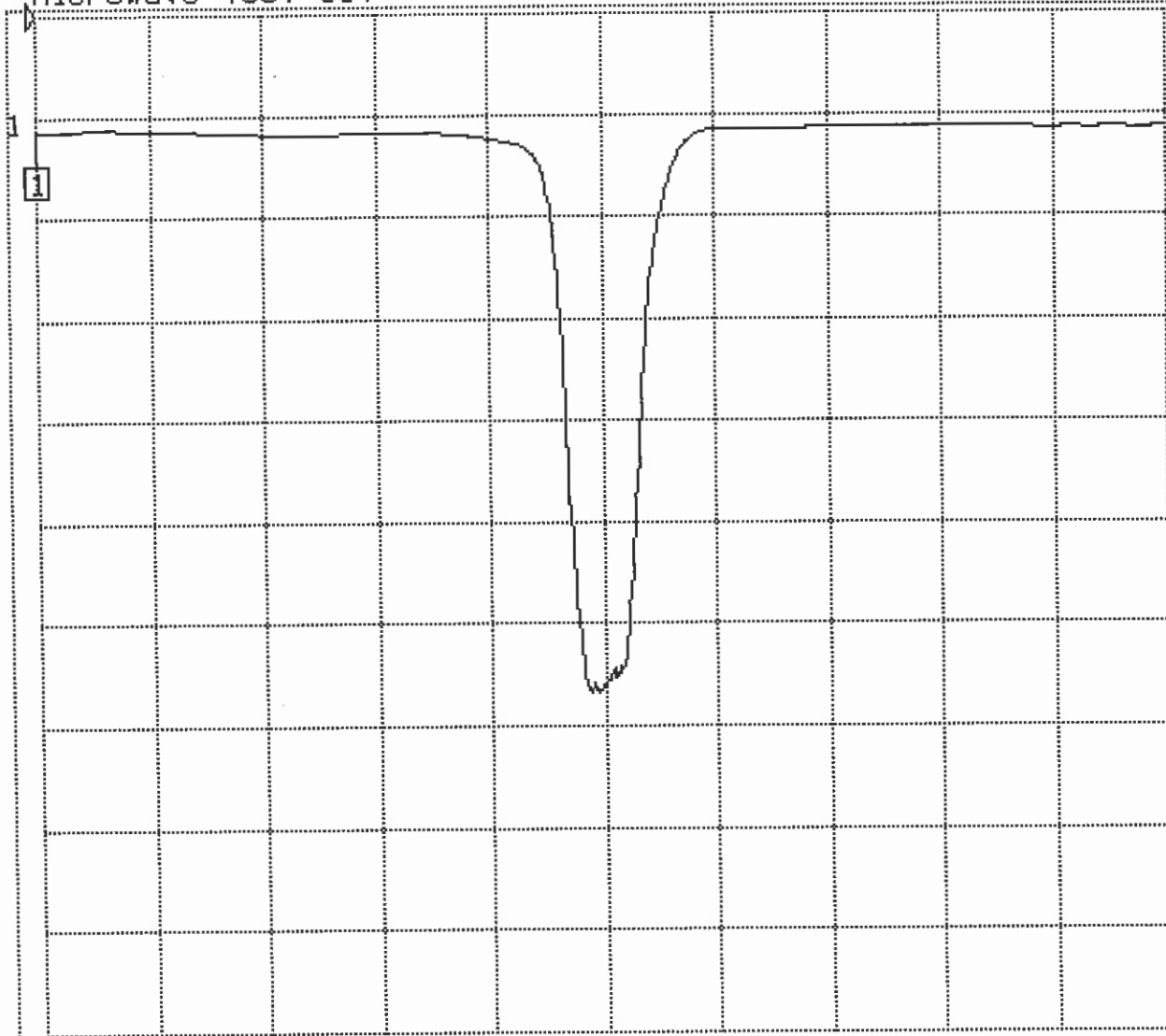
Self Test Results:

+3.0 VDC Power Supply Voltage = +03.0V Pass
+3.3 VDC Power Supply Voltage = +03.3V Pass
+5.0 VDC Power Supply Voltage = +05.0V Pass
+15.0 VDC Power Supply Voltage = +15.2V Pass
-15.0 VDC Power Supply Voltage = -15.1V Pass

(Ideal Freq) (Freq Error) and (Filter BW) frequencies are in MHz.
(Insertion Loss) is in dB.

Ideal Freq	Freq Error	Filter BW	Loss dB	Result
8000.000	0.938	33.1	-1.2	Pass
8440.000	1.563	33.1	-1.4	Pass
8880.000	1.250	33.8	-1.5	Pass
9320.000	0.625	33.8	-1.3	Pass
9760.000	1.563	34.4	-1.3	Pass
10200.000	0.625	35.0	-1.3	Pass
10640.000	1.875	35.0	-1.3	Pass
11080.000	0.938	34.4	-1.5	Pass
11520.000	1.250	35.0	-1.4	Pass
11960.000	-0.625	36.3	-1.5	Pass
12400.000	-0.938	36.9	-1.8	Pass

Verification Test Status: Pass



1:A PC1 S

dB

1 -1.47 dB

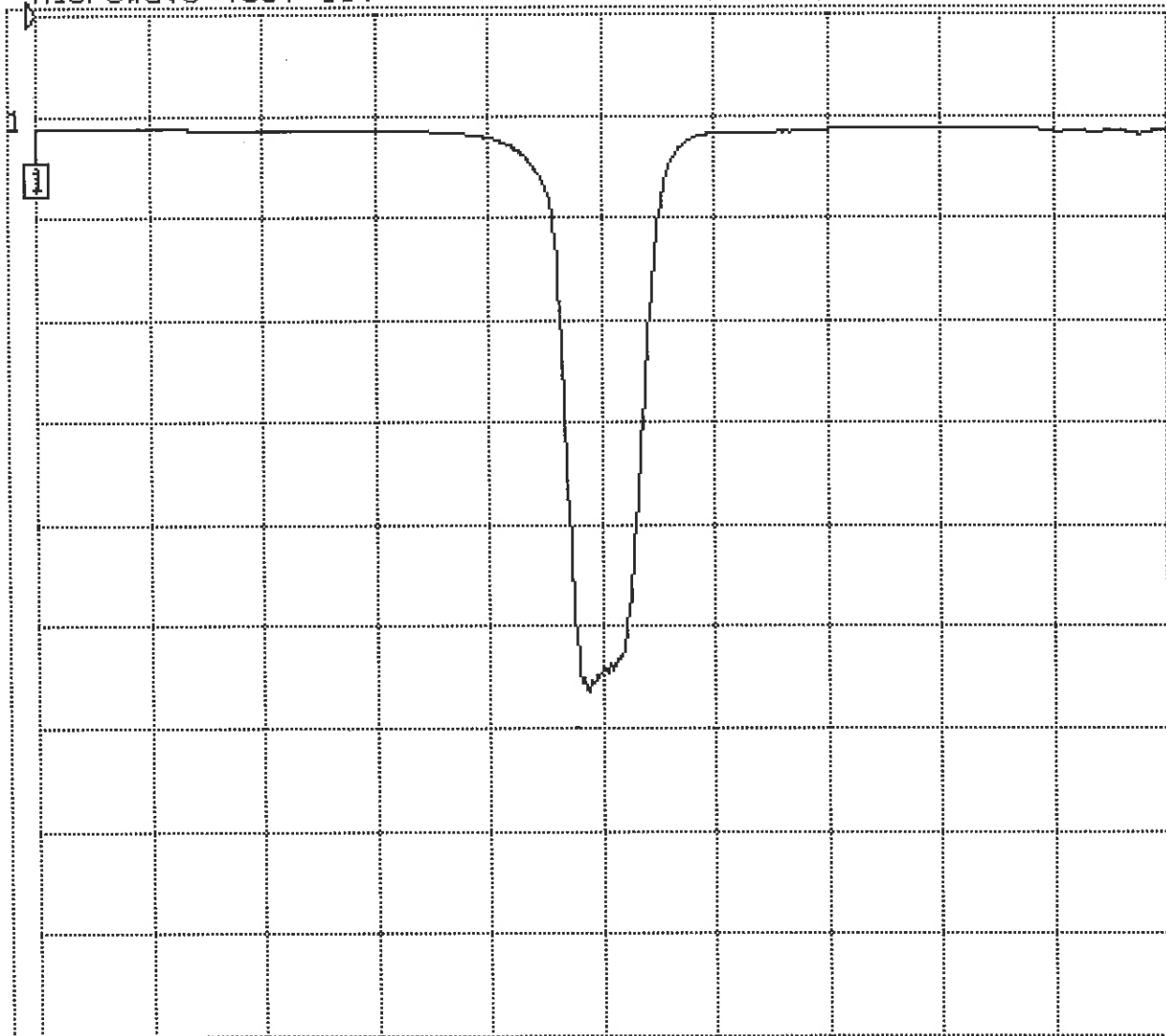
10.00 dB 10.00 dB/

Cntr 8.00000 GHz

1 7.75000 GHz

Span 500.000 MHz

MARKER POSITION	1: (dB)	MARKER POSITION	1: (dB)
1 7.75000 GHz	-1.47		



1:A PC1 S

dB

1 -1.35 dB

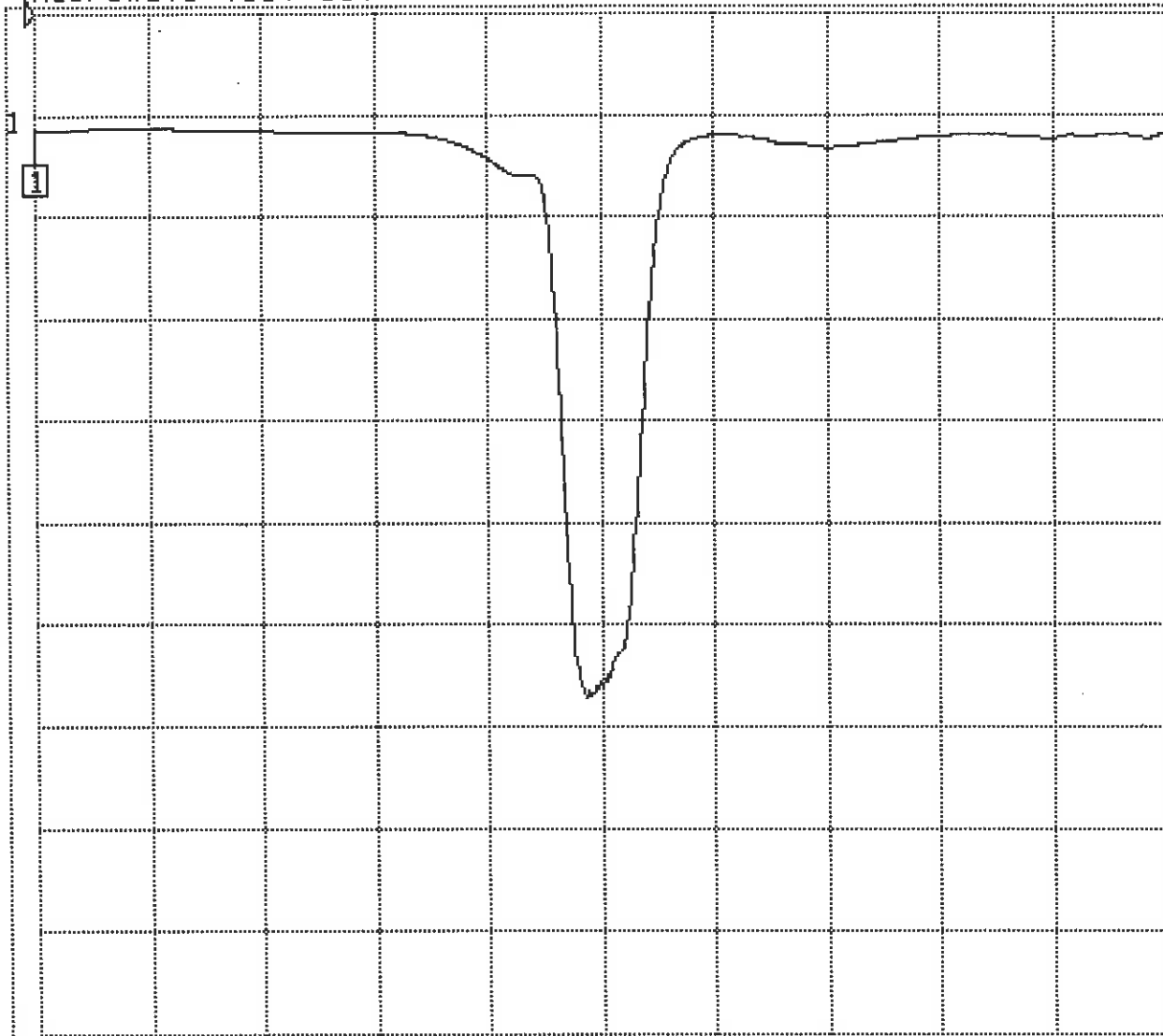
10.00 dB 10.00 dB/

Cntr 10.2000 GHz

1 9.9500 GHz

Span 500.000 MHz

MARKER POSITION	1: (dB)	MARKER POSITION	1: (dB)
1 9.9500 GHz	-1.35		



1:A PC1 S

dB

1 -1.48 dB

10.00 dB/ 10.00 dB/

Cntr 12.4000 GHz

1 12.1500 GHz

Span 500.000 MHz

MARKER POSITION	1: (dB)	MARKER POSITION	1: (dB)
1 12.1500 GHz	-1.48		

