

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

Date: 5/6/2011
Time: 4:05:31 PM

Unit Personality:

Model: MLBFP-43050V
Serial Number: 0015
MLWI Sales Order #: 19-0010
Firmware Version: 1.1 May 5 2011
Minimum Frequency: 3000.000 MHz
Maximum Frequency: 45000.000 MHz
Minimum Temperature: 0 Deg. C
Maximum Temperature: 50 Deg. C
Maximum Temperature Reached: 37.0 Deg. C
Current Temperature: +35.0C
Filter Frequency Accuracy: +/-25 MHz
Filter Bandwidth: 30 MHz (Min)
Filter Bandwidth Measurement Level: -3.0 dB
Filter Insertion Loss: 10.5 dB (Max)
Filter RF Limiting Level: 10.0 dBm (Min)
Filter RF Test Level: -1 dBm
Filter Passband Spurs / Ripple: 2.5 dB (Max)
Filter Off Resonance Isolation: 60 dB (Min)
Nonvolatile Memory State: Locked
Unit Health Status: Good
Minimum Endpoint DAC Cal Data: 12B Hex
Maximum Endpoint DAC Cal Data: FE00 Hex
Unit Calibration Status: Yes
Ethernet DHCP Status: On
IP Address: 192.168.1.42
Subnet Mask: 255.255.255.0
Gateway: 192.168.1.1
DNS1: 192.168.1.1
DNS2: 0.0.0.0
MAC Address: 0004A3158423
Host Name / USB Identifier: MLBF0015
Socket Port #: 30303

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

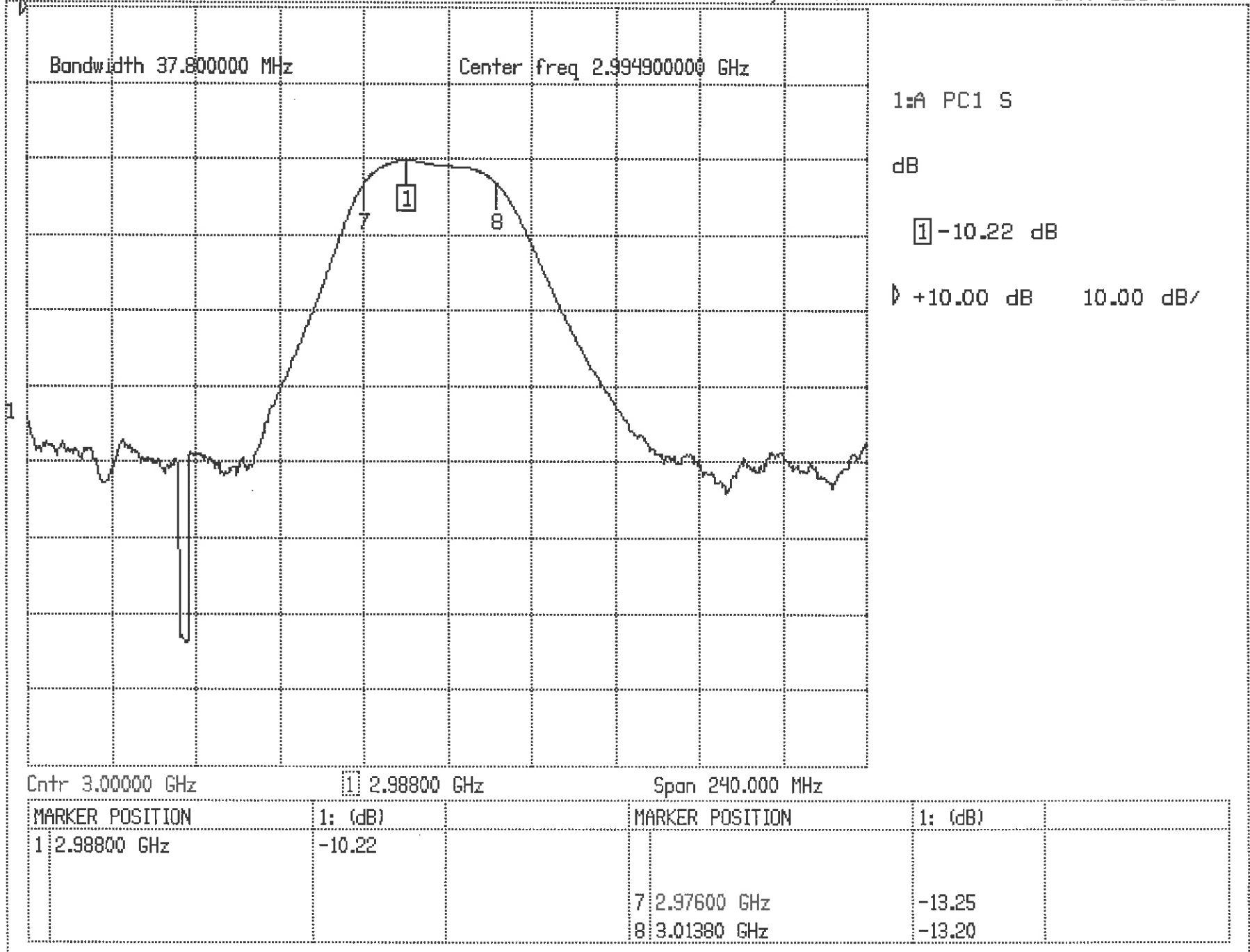
Self Test Results:

+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 = +15.4V 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
3000.000	1.350	38.1	-10.2	Pass
7200.000	-5.250	31.5	-6.3	Pass
11400.000	-3.600	35.4	-6.2	Pass
15600.000	-8.100	36.0	-6.8	Pass
19800.000	-10.350	39.9	-7.1	Pass
24000.000	-13.650	45.9	-8.0	Pass
28200.000	-16.950	50.1	-8.2	Pass
32400.000	-17.550	57.3	-7.8	Pass
36600.000	-20.400	52.2	-7.4	Pass
40800.000	-11.400	78.6	-7.9	Pass
45000.000	-13.650	83.7	-7.3	Pass

Verification Test Status: Pass



Bandwidth 45.900000 MHz

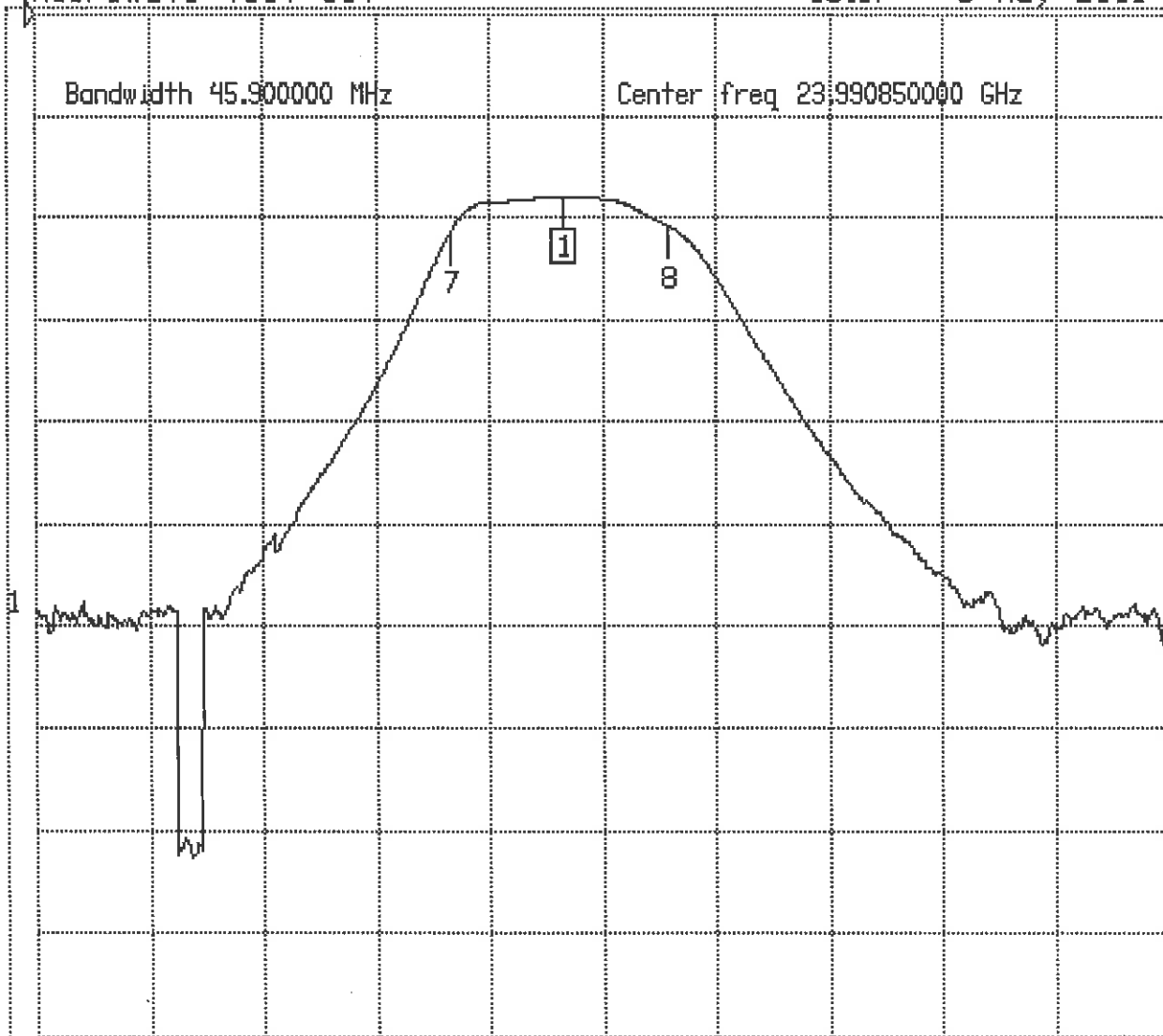
Center freq 23.990850000 GHz

1:A PC1 S

dB

1 -7.98 dB

10.00 dB/ 10.00 dB/



Cntr 24.0000 GHz

1 23.9916 GHz

Span 240.000 MHz

MARKER POSITION	1: (dB)	MARKER POSITION	1: (dB)
1 23.9916 GHz	-7.98		
		7 23.9679 GHz	-11.32
		8 24.0138 GHz	-10.84

Bandwidth 84.600000 MHz

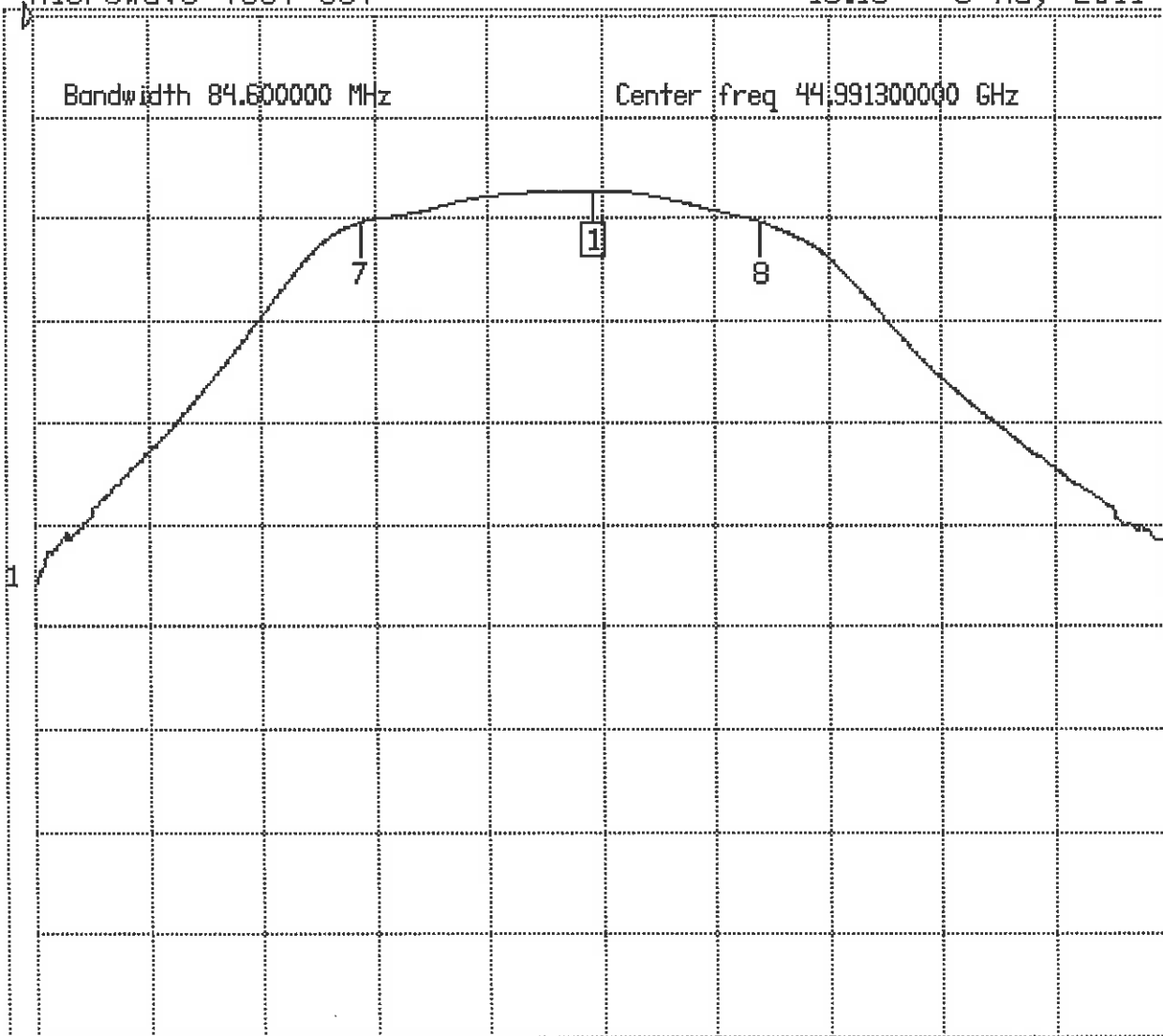
Center freq 44.991300000 GHz

1:A PC1 S

dB

1 -7.33 dB

+10.00 dB 10.00 dB/



Cntr 45.0000 GHz

1 44.9982 GHz

Span 240.000 MHz

MARKER POSITION	1: (dB)	MARKER POSITION	1: (dB)
1 44.9982 GHz	-7.33		
		7 44.9490 GHz	-10.44
		8 45.0336 GHz	-10.40