

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

Date: 5/8/2013
Time: 2:55:45 PM

Unit Personality:

Model: MLBFP-60520
Serial Number: 0034
MLWI Sales Order #: 19-0023
Firmware Version: 1.1 Jul 12 2011
Minimum Frequency: 500.000 MHz
Maximum Frequency: 2000.000 MHz
Minimum Temperature: 0 Deg. C
Maximum Temperature: 60 Deg. C
Maximum Temperature Reached: 30.2 Deg. C
Current Temperature: +30.1C
Filter Frequency Accuracy: +/-10.0 MHz
Filter Bandwidth: 20 MHz (Min)
Filter Bandwidth Measurement Level: -3.0 dB
Filter Insertion Loss: 9.2 dB (Max)
Filter RF Limiting Level: 0.0 dBm (Min)
Filter RF Test Level: -11 dBm
Filter Passband Spurs / Ripple: 2.0 dB (Max)
Filter Off Resonance Isolation: 100 dB (Min)
Nonvolatile Memory State: Locked
Unit Health Status: Good
Minimum Endpoint DAC Cal Data: 1011 Hex
Maximum Endpoint DAC Cal Data: DF9D Hex
Unit Calibration Status: Yes
Ethernet DHCP Status: On
IP Address: 192.168.1.64
Subnet Mask: 255.255.255.0
Gateway: 192.168.1.1
DNS1: 192.168.1.1
DNS2: 0.0.0.0
MAC Address: 0004A37C4EC1
Host Name / USB Identifier: MLBF0034
Socket Port #: 30303

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

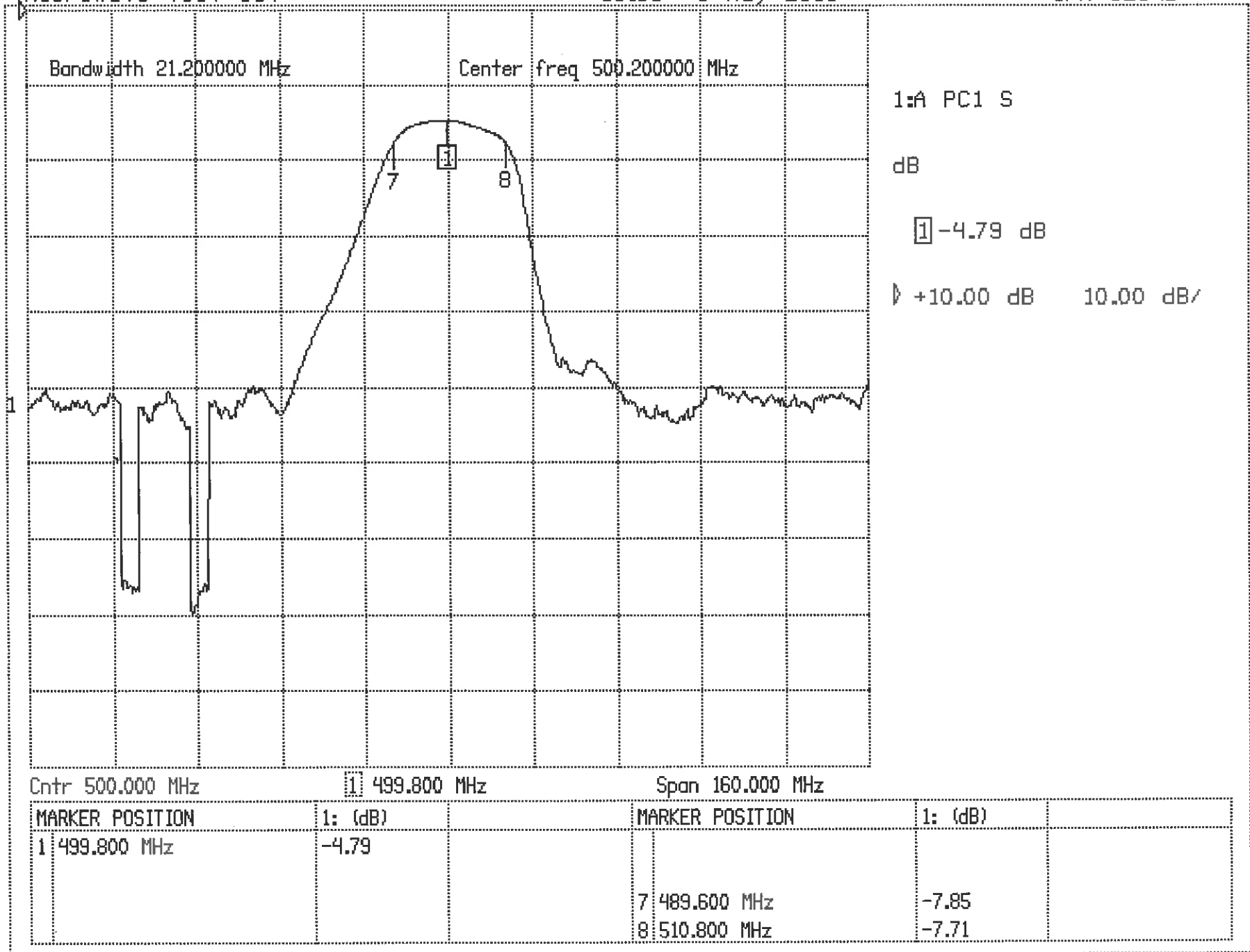
Self Test Results:

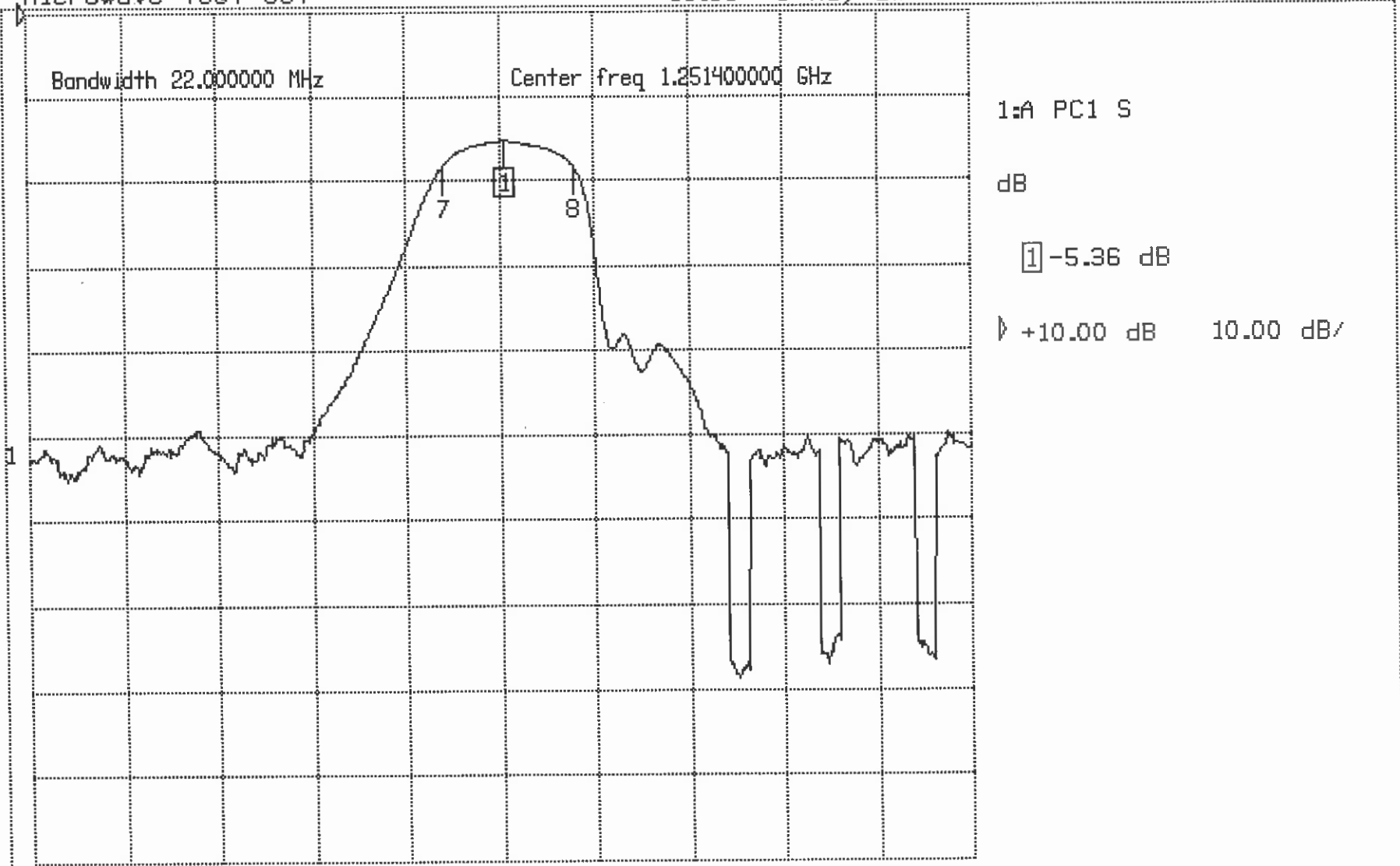
+3.0 VDC Power Supply Voltage = +03.1V Pass
+3.3 VDC Power Supply Voltage = +03.3V Pass
+5.0 VDC Power Supply Voltage = +05.0V Pass
+15.0 VDC Power Supply Voltage = +15.3V Pass
-15.0 VDC Power Supply Voltage = -15.3V Pass

(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
500.000	0.400	21.2	-4.8	Pass
650.000	0.600	20.4	-4.4	Pass
800.000	0.900	21.0	-4.7	Pass
950.000	1.100	21.4	-4.8	Pass
1100.000	1.300	21.8	-5.2	Pass
1250.000	1.200	22.0	-5.4	Pass
1400.000	1.100	22.2	-5.7	Pass
1550.000	0.900	21.8	-5.7	Pass
1700.000	0.600	22.4	-6.0	Pass
1850.000	0.200	22.8	-6.0	Pass
2000.000	-1.800	23.2	-6.3	Pass

Verification Test Status: Pass





Cntr 1.25000 GHz [1] 1.25080 GHz Span 160.000 MHz

MARKER POSITION	1: (dB)	MARKER POSITION	1: (dB)
1 1.25080 GHz	-5.36	7 1.24040 GHz	-8.33
		8 1.26240 GHz	-8.34

Bandwidth 23.200000 MHz

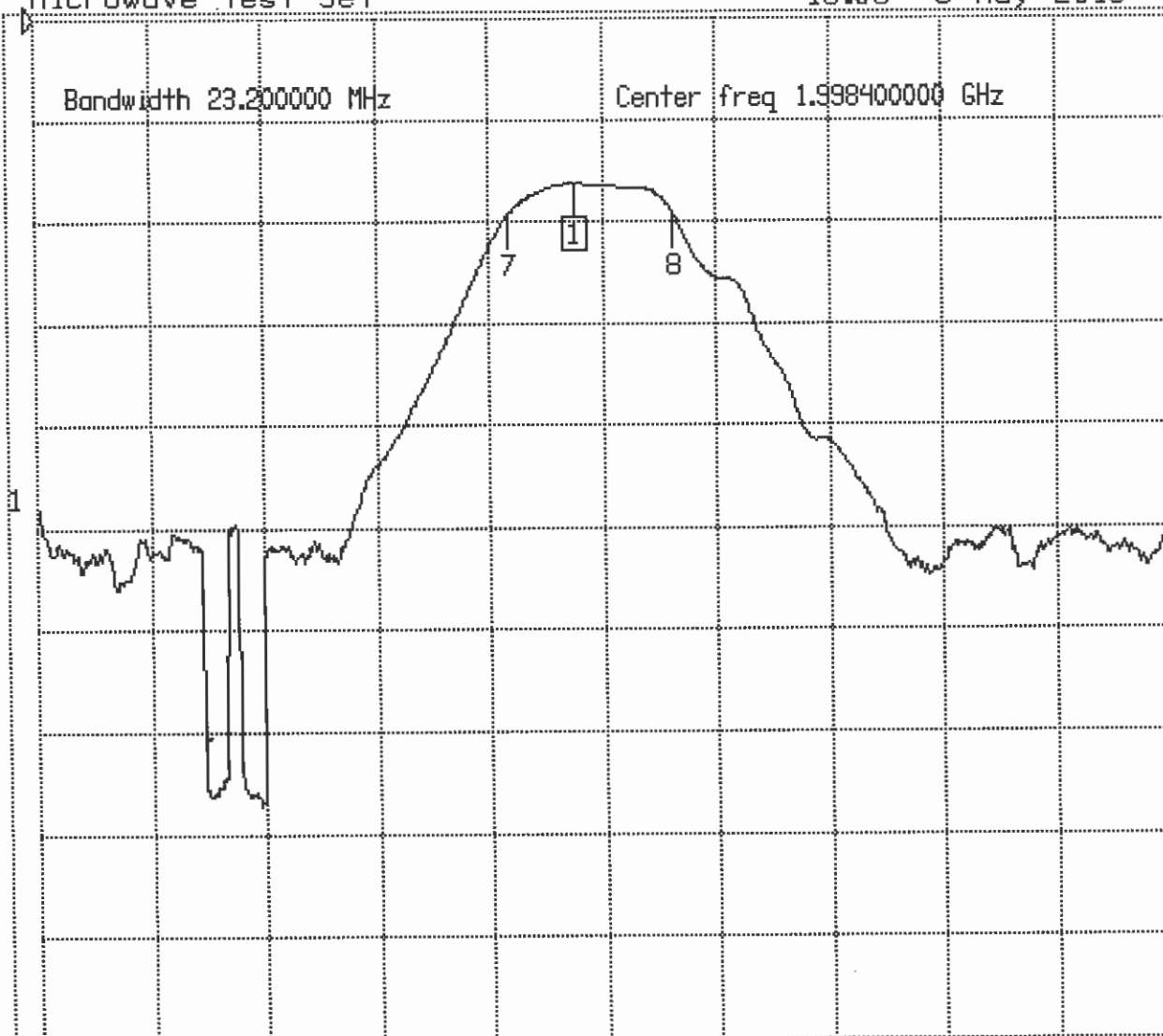
Center freq 1.998400000 GHz

1:A PC1 S

dB

1 -6.28 dB

+10.00 dB 10.00 dB/



Cntr 2.00000 GHz

1 1.99600 GHz

Span 160.000 MHz

MARKER POSITION

1: (dB)

MARKER POSITION

1: (dB)

1 1.99600 GHz

-6.28

7 1.98680 GHz

-9.25

8 2.01000 GHz

-9.31