

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

Date: 7/1/2013
Time: 9:21:29 AM

Unit Personality:

Model: MLBFR-0218
Serial Number: 0012
M. Sales Order #: 19-008D
Firmware Version: 1.1 Dec 17 2010
Minimum Frequency: 2000.000 MHz
Maximum Frequency: 18000.000 MHz
Minimum Temperature: 0 Deg. C
Maximum Temperature: 50 Deg. C
Maximum Temperature Reached: 34.7 Deg. C
Current Temperature: +32.4C
Filter Frequency Accuracy: +/-10.0 MHz
Filter Bandwidth: 10 MHz (Min)
Filter Bandwidth Measurement Level: -40.0 dB
Filter Insertion Loss: 3.7 dB (Max)
Filter RF Limiting Level: 10 dBm (Min)
Filter RF Test Level: -1 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: 32E Hex
Maximum Endpoint DAC Cal Data: FCEF Hex
Unit Calibration Status: Yes
Ethernet DHCP Status: On
IP Address: 192.168.1.53
Subnet Mask: 255.255.255.0
Gateway: 192.168.1.1
DNS1: 192.168.1.1
DNS2: 0.0.0.0
MAC Address: 0004A31584D1
Host Name / USB Identifier: MLBFR0012
Socket Port #: 30303

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

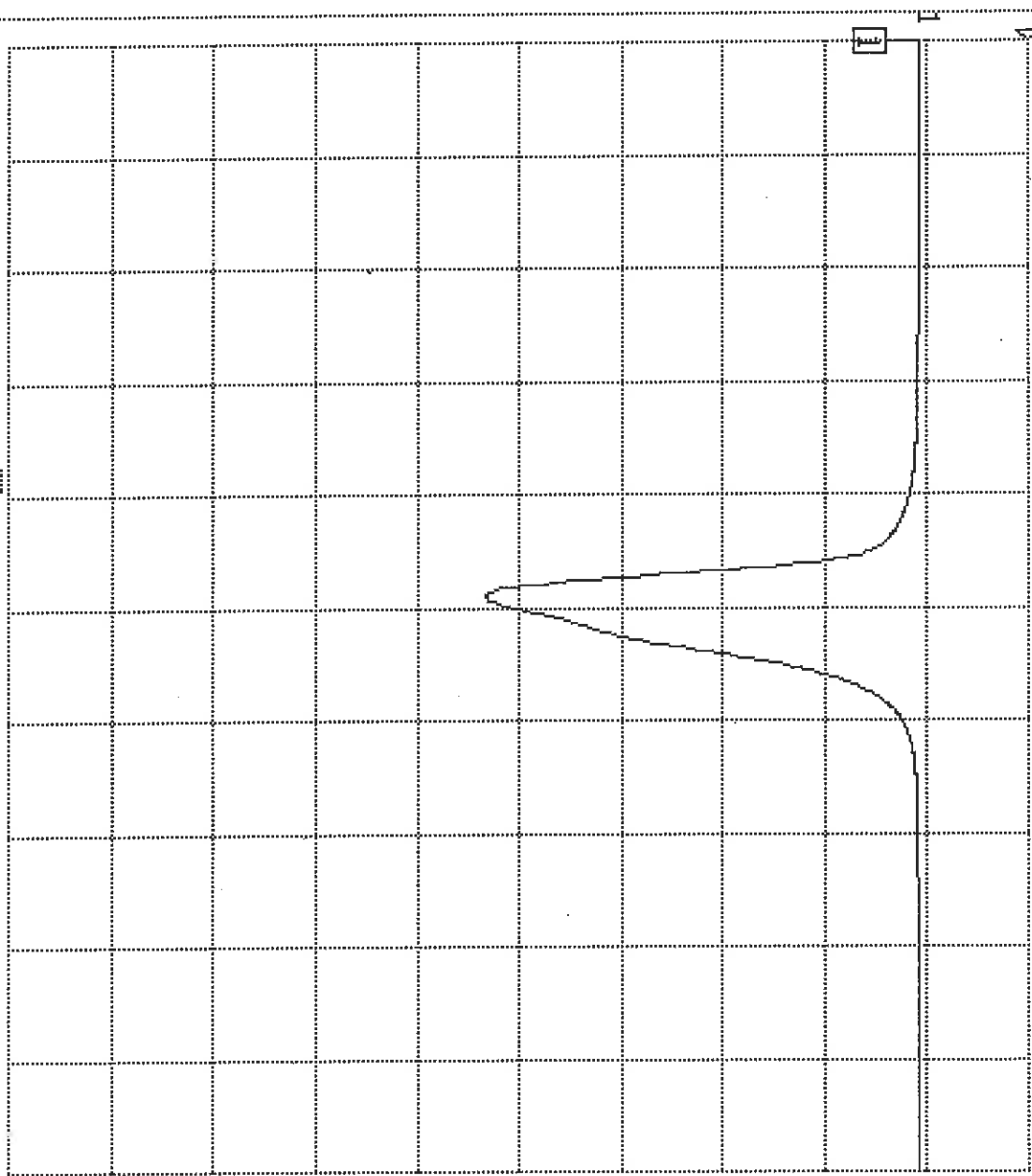
Self Test Results:

+3 VDC Power Supply Voltage = +03.0V Pass
+ VDC Power Supply Voltage = +03.3V Pass
+ VDC Power Supply Voltage = +04.9V Pass
+15.0 VDC Power Supply Voltage = +15.1V Pass
-15.0 VDC Power Supply Voltage = -15.2V 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
2000.000	0.000	10.5	-.7	Pass
3600.000	-0.500	15.0	-.9	Pass
5200.000	-0.250	19.5	-1.3	Pass
6800.000	-0.500	22.5	-1.5	Pass
8400.000	-1.375	25.3	-1.7	Pass
10000.000	-1.250	29.0	-2.6	Pass
11600.000	-0.125	31.8	-1.8	Pass
13200.000	-1.000	36.0	-2.1	Pass
14800.000	-1.000	40.0	-2.5	Pass
16400.000	-1.250	48.0	-2.9	Pass
18000.000	-0.875	49.8	-3.2	Pass

Verification Test Status: Pass



1: A PC1 S

dB

1 -0.78 dB

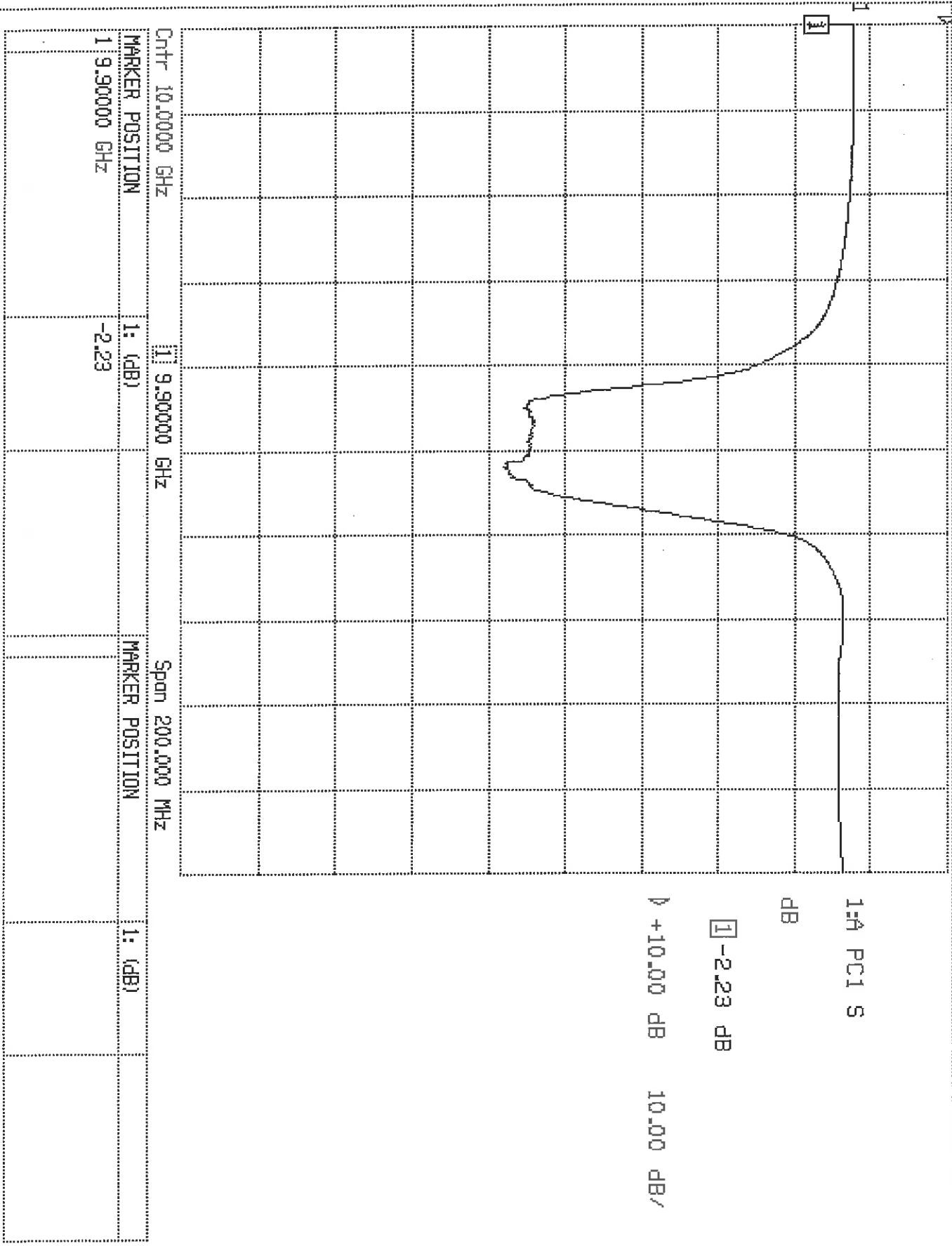
10.00 dB/

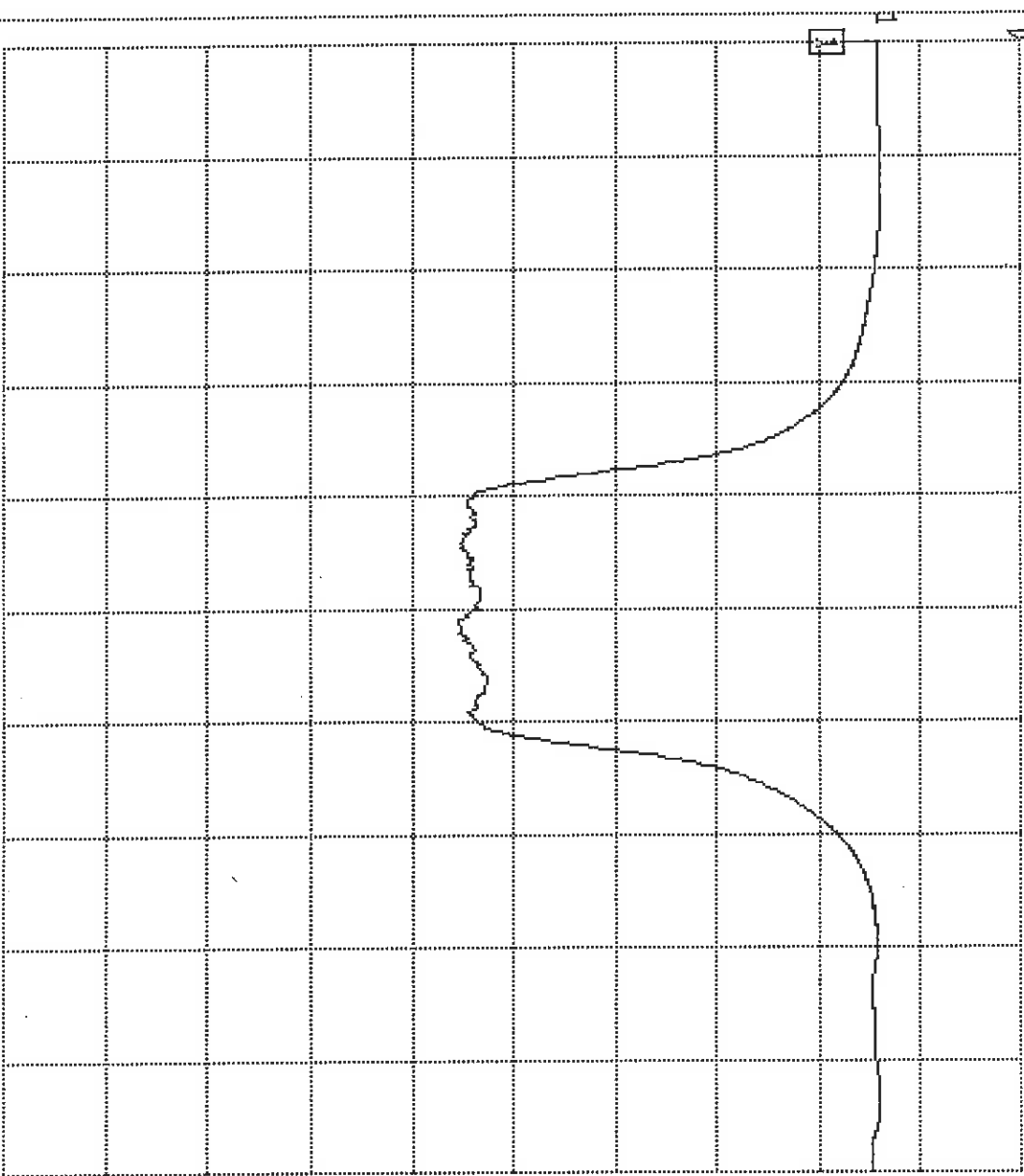
Center 2.00000 GHz
1: 1.90000 GHz
Span 200.000 MHz
1: (dB)
-0.78

MARKER POSITION

1: (dB)

MARKER POSITION





1: A PCI S

dB

1 -4.36 dB

10.00 dB/

Center 18.0000 GHz

1 17.9000 GHz

Span 200.000 MHz

MARKER POSITION

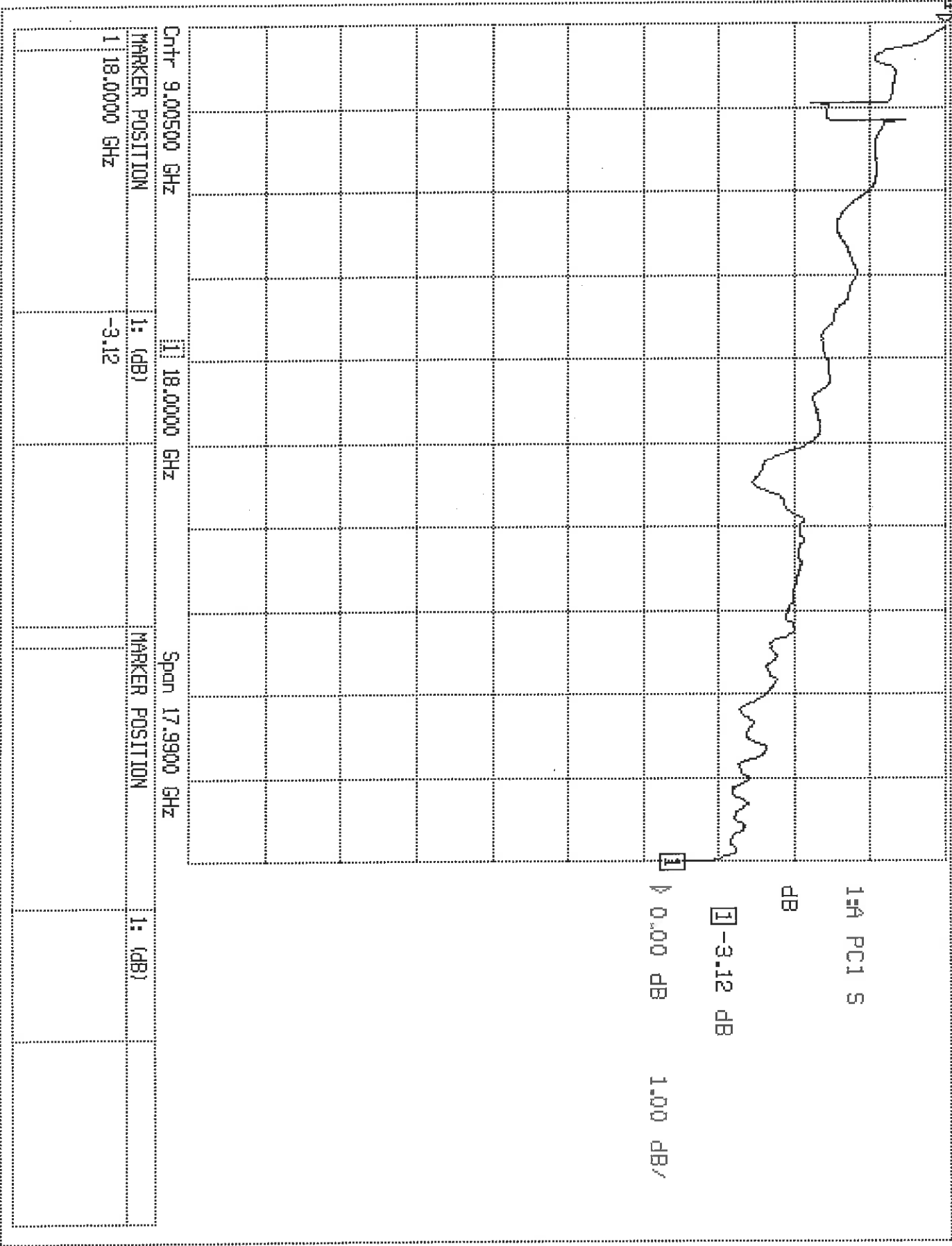
1: (dB)

MARKER POSITION

1: (dB)

-4.36

1 17.9000 GHz



1: A PCI S

dB

1 -3.12 dB

1 0.00 dB 1.00 dB/V