

## RF OUTPUT MEASUREMENTS TEST EQUIPMENT

Power Supply, Hewlett Packard, P/N 717, Model E3611A, S/N KR73012529, Cal Date NCR

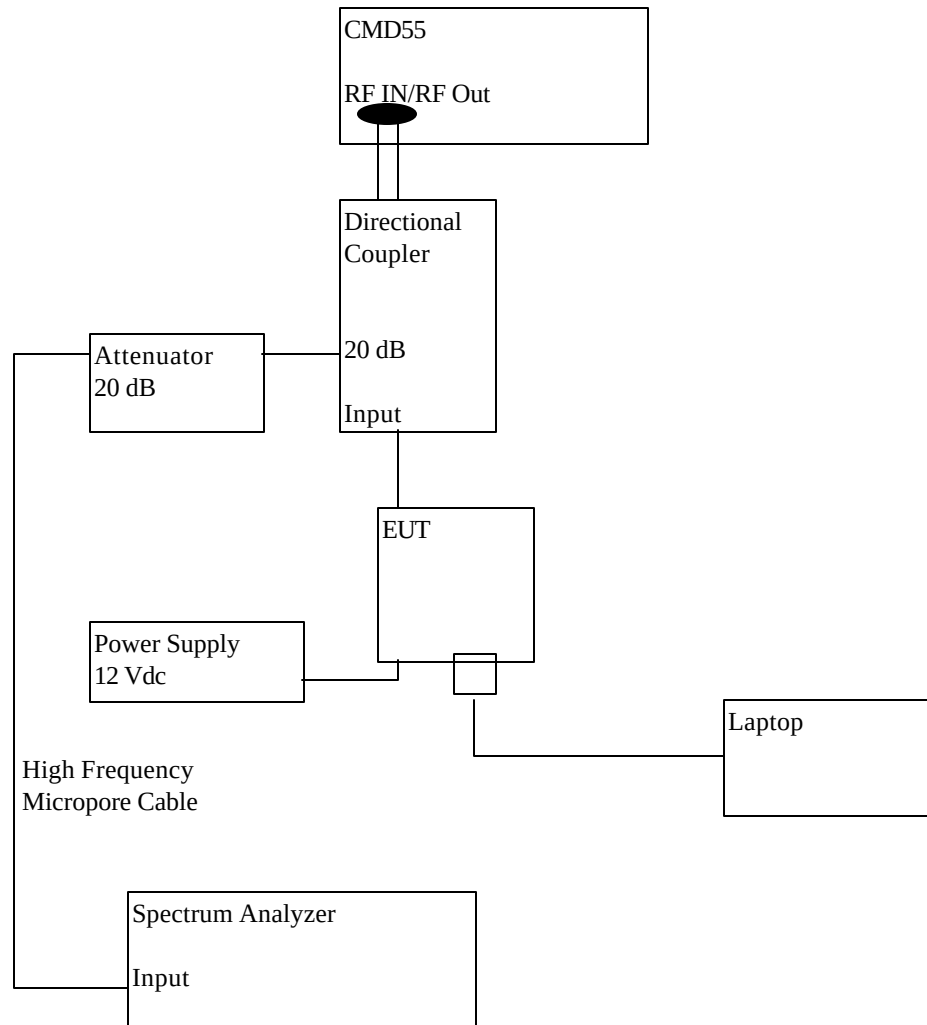
Toshiba Laptop, T2130CS, NCR

Micropore High Frequency Cable, United Microwave, P/N 787, Model AA-190-06.00.0, Cal Date 01/00

Communication Tester, Rohde & Schwarz, Model CMD55, Cal Date 04/00

Spectrum Analyzer/Display, Hewlett Packard, P/N 744, Model HP-8566B, S/N 2618A02913, Cal Date 08/00

# Test Setup for 2.1046



# RF OUTPUT MEASUREMENTS

| PCS-1900 CHANNEL | FREQUENCY MHz | MAXIMUM (PEAK)<br>OUTPUT POWER (dBm) | MAXIMUM (PEAK)<br>OUTPUT POWER (W) |
|------------------|---------------|--------------------------------------|------------------------------------|
| 512              | 1850.18       | 28.5                                 | 708 mW                             |
| 661              | 1880.0        | 28.2                                 | 660 mW                             |
| 810              | 1910.3        | 28.0                                 | 631 mW                             |

CLIENT: POWERWAVE

DATE: 01/07/00

TEST: RF POWER FCC Part 2, Paragraph 2.1046

NOTES: 1. Low channel, 512

2. 28.5 dBm = 708 mW

MKR 1.850 08 GHz  
28.50 dBm

HP

10 dB/

POS PK

OFFSET

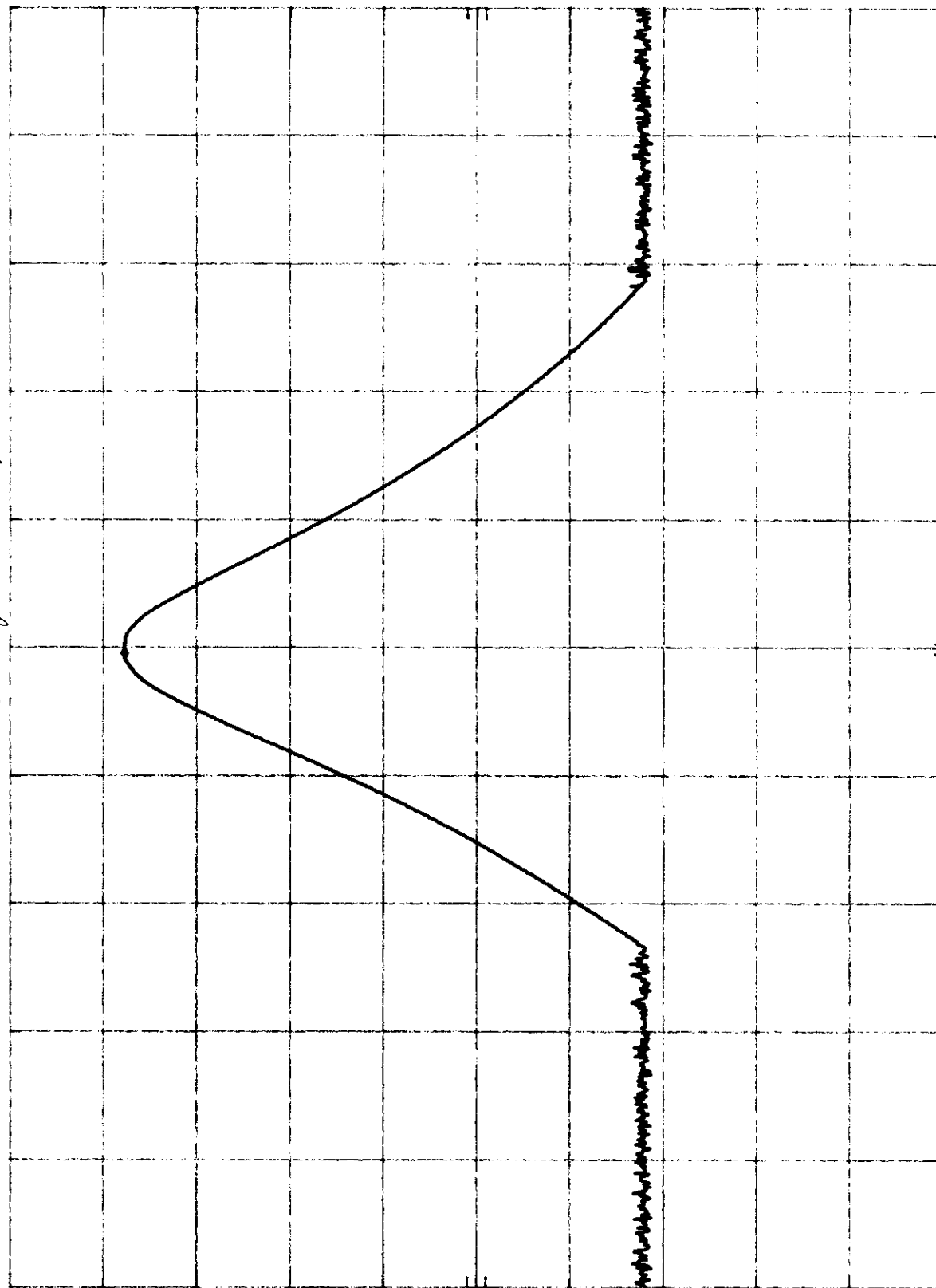
40.8

dB

REF 40.8 dBm

ATTEN 10 dB

*many overhangs*



CENTER 1.850 1 GHz

RES BW 1 MHz

VBW 1 MHz

SPAN 20.0 MHz

SWP 20.0 msec

CLIENT: POWERWAVE

DATE: 01/07/00

TEST: RF POWER FCC Part 2, Paragraph 2.1046

NOTES: 1. Mid channel, 661

2. 28.2 dBm = 660 mW

MKR 1.880 06 GHz  
28.20 dBm

hp

REF

40.7 dBm

ATTEN 10 dB

10 dB

negative

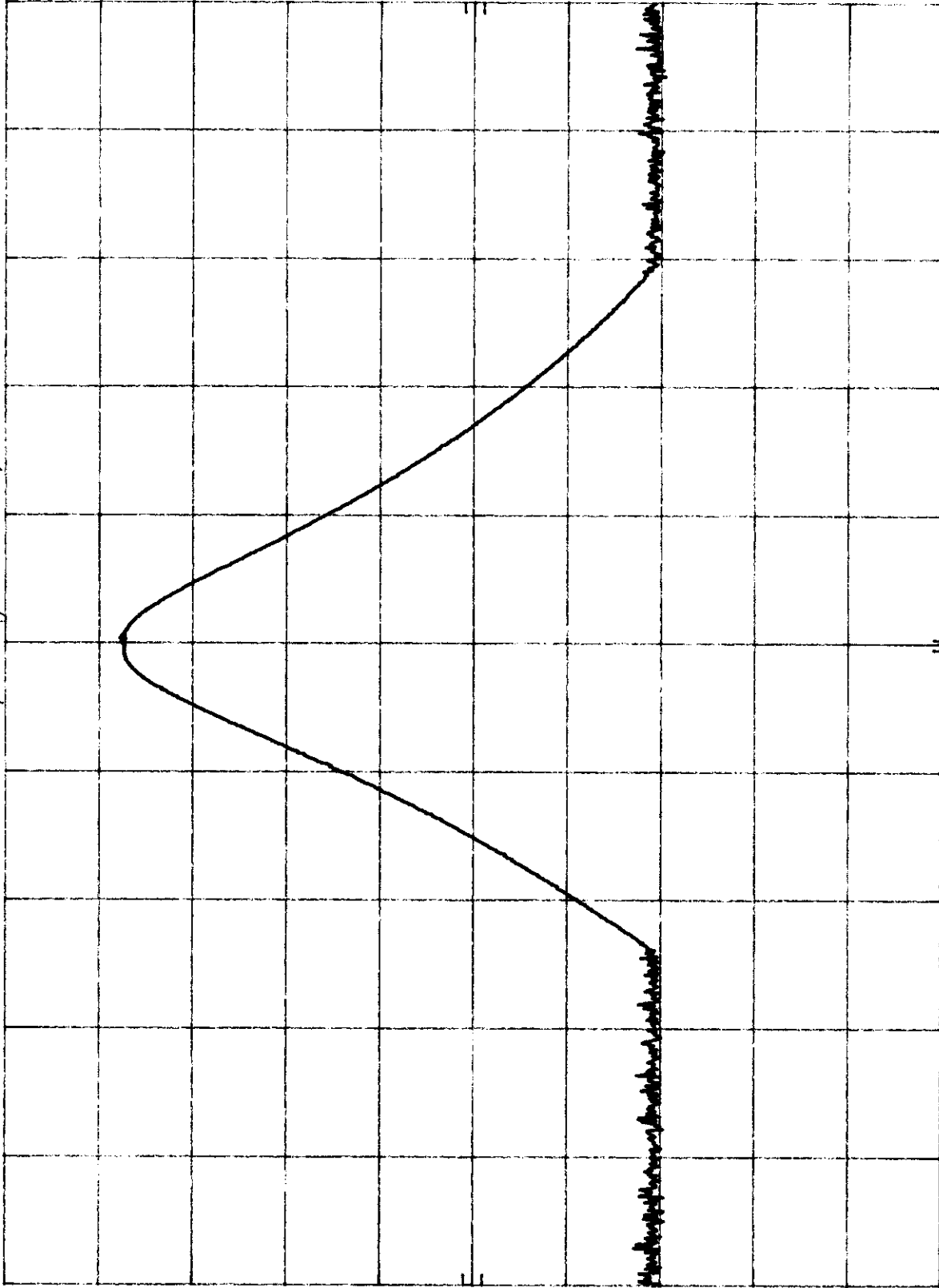
10 dB/

POS PK

OFFSET

40.7

dB



CENTER 1.880 06 GHz

RES BW 1 MHz

VBW 1 MHz

SPAN 20.0 MHz

SWP 20.0 msec

CLIENT: POWERWAVE

DATE: 01/07/00

TEST: RF POWER FCC Part 2, Paragraph 2.1046

NOTES: 1. High channel, 810

2. 28.0 dBm = 631 mW

MKR 1.909 76 GHz  
28.00 dBm

hp

REF

40.8 dBm

ATTEN

10 dB

*many Washington*

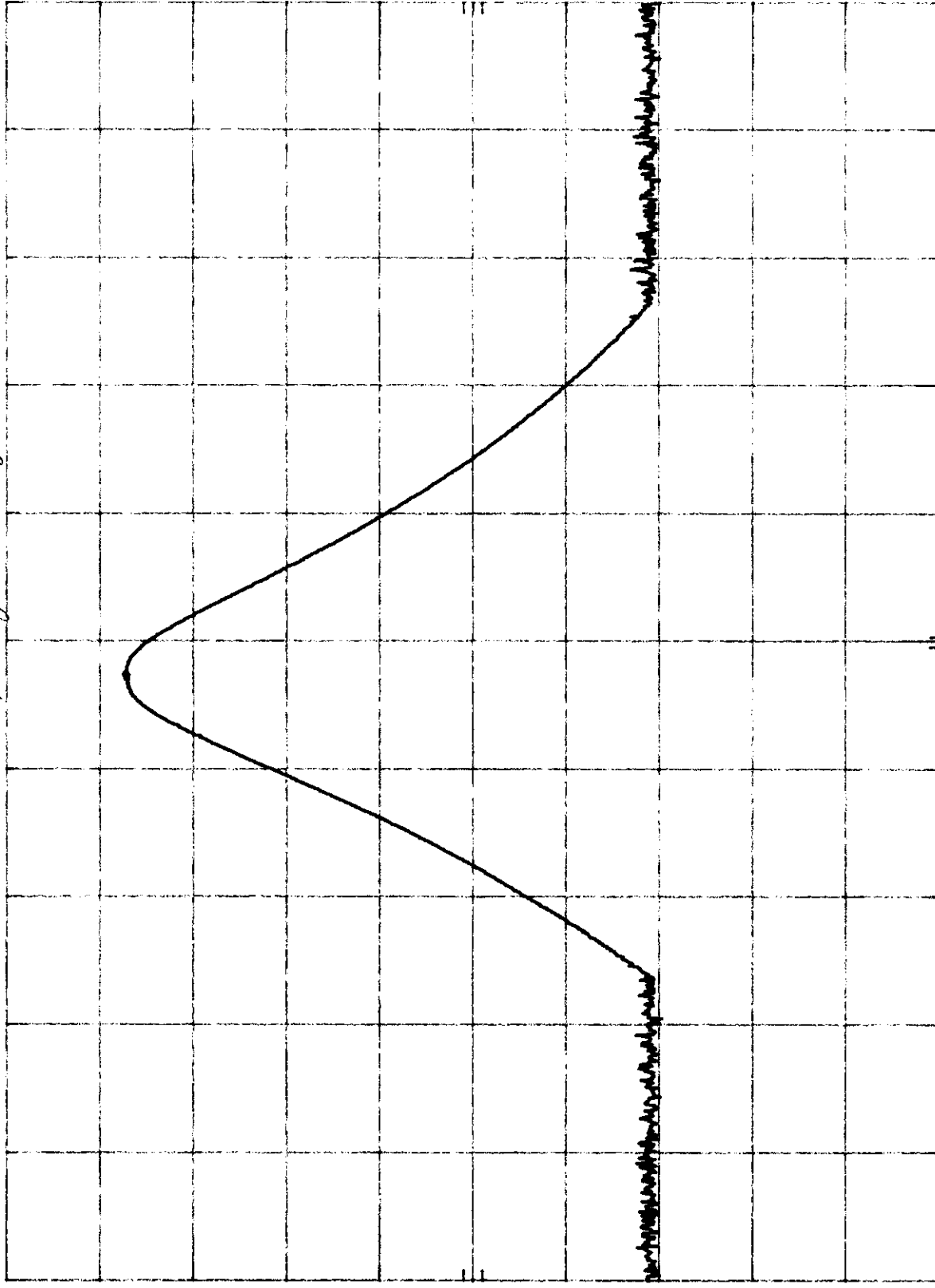
10 dB/

POS PK

OFFSET

40.8

dB



CENTER 1.910 3 GHz

RES BW 1 MHz

VBW 1 MHz

SPAN 20.0 MHz

SWP 20.0 msec