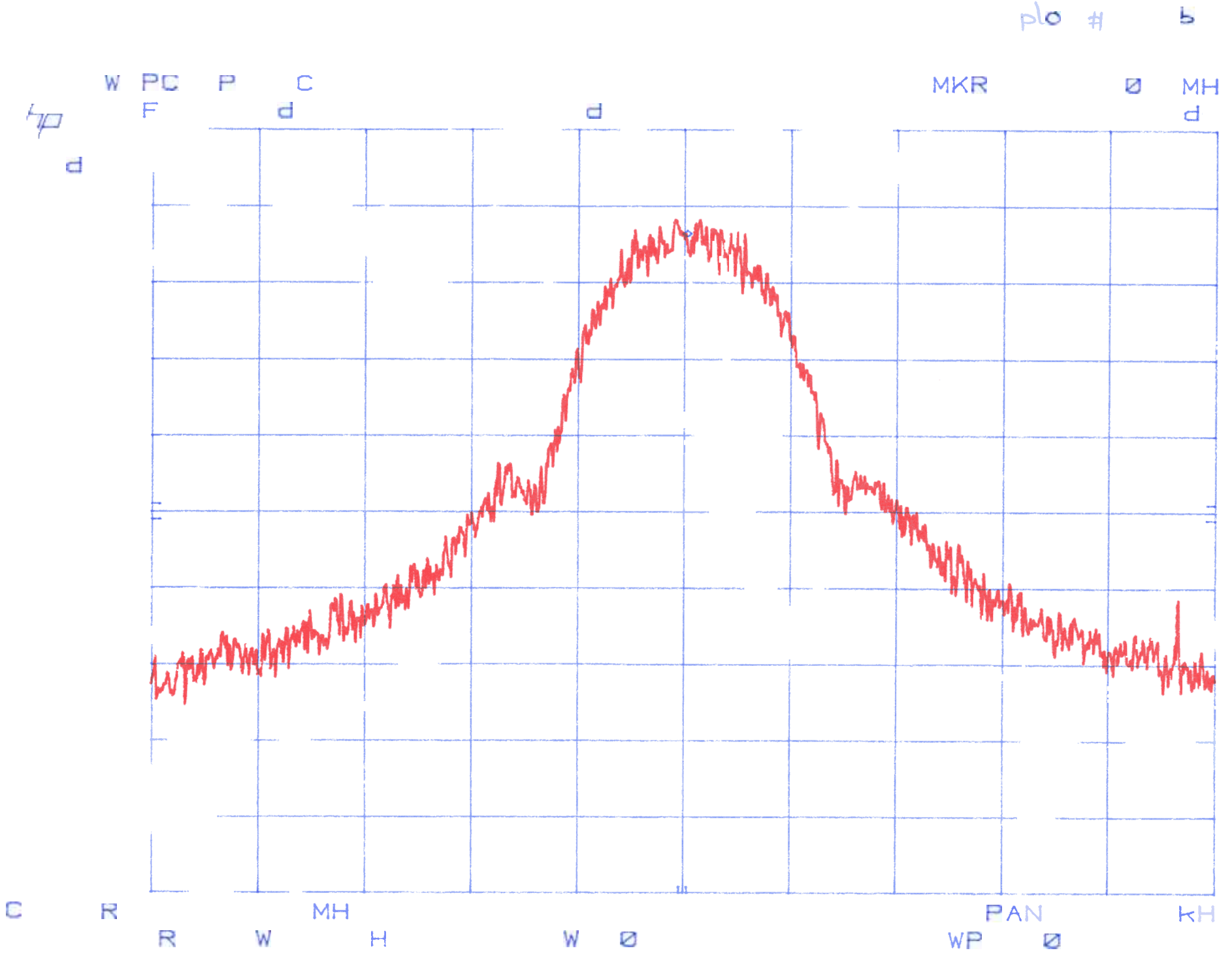
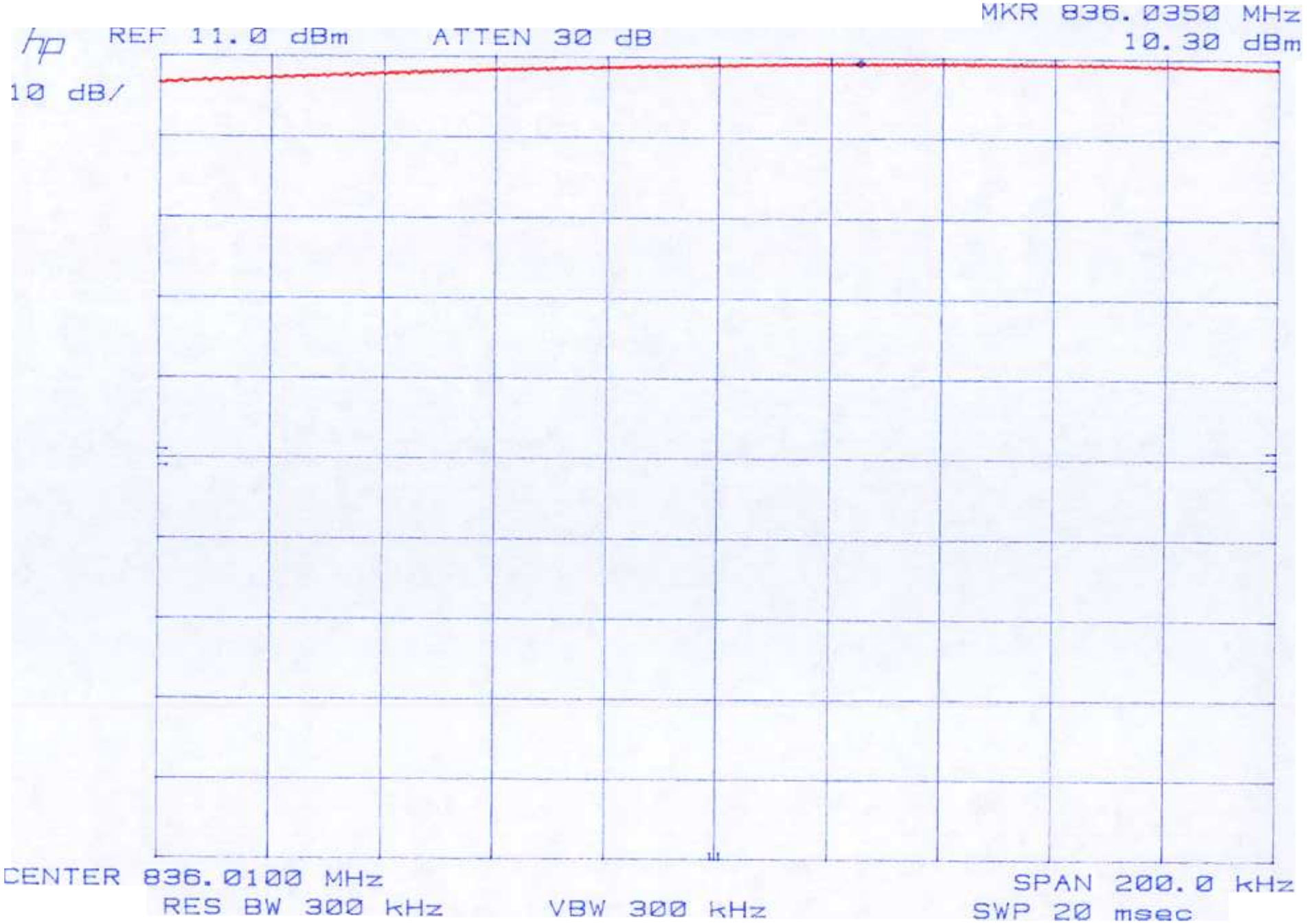
plot # 6.3.9

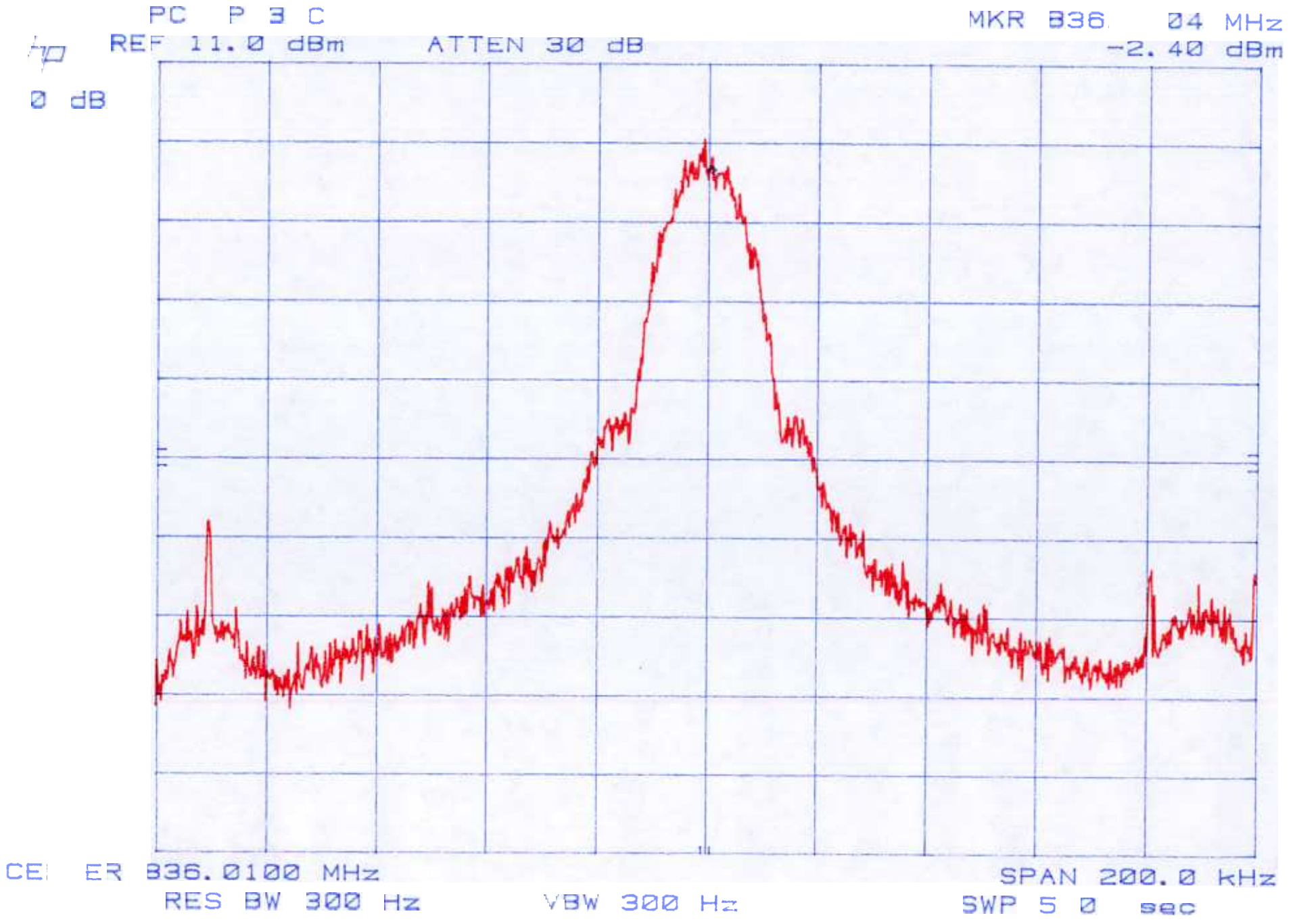

WIPCLIP131C
REF 9.5 dBm
ATTEN 20 dB
MKR 836.0394 MHz
9.50 dBm
0 dB/
CENTER 836.0362 MHz
SPAN 100.0 kHz
RES BW 100 kHz
VBW 100 kHz
SWP 20 msec


plo # 5
W PC P C
F d d
MKR Ø MH
d
d
C R MH PAN kH
R W H W Ø WP Ø

plot #6.3.c


MKR 836.0350 MHz
REF 11.0 dBm
ATTEN 30 dB
10.30 dBm
10 dB/
CENTER 836.0100 MHz
SPAN 200.0 kHz
RES BW 300 kHz
VBW 300 kHz
SWP 20 msec

plot #


PC P 3 C
MKR 836.04 MHz
REF 11.0 dBm
ATTEN 30 dB
-2.40 dBm
0 dB
CENTER 836.0100 MHz
SPAN 200.0 kHz
RES BW 300 Hz
VBW 300 Hz
SWP 5.0 sec

7.0 Out-of-Band Emission

FCC 22.917(e), 22.917(f)

Out of Band Emissions:

The mean power of emissions must be attenuated below the mean power of the unmodulated carrier (P) on any frequency twice or more than twice the fundamental frequency by at least 43 + 10 log P dB.

Mobile Emissions in Base Frequency Range:

The mean power of any emissions appearing in the base station frequency range from cellular mobile transmitters operated must be attenuated to a level not to exceed -80 dBm at the transmit antenna connector.

7 Test Procedure

The EUT was set up in the TEM Cell as described in section 3.1. and the spectrum analyzer reading was recorded in the frequency band from 30 MHz to 1 GHz. Above 1 GHz, the spectrum was recorded using a horn antenna located in a close proximity to the EUT. Scans were taken to show the out-of-band emissions, if any, up to 10th harmonic.

7.2 Test Equipment

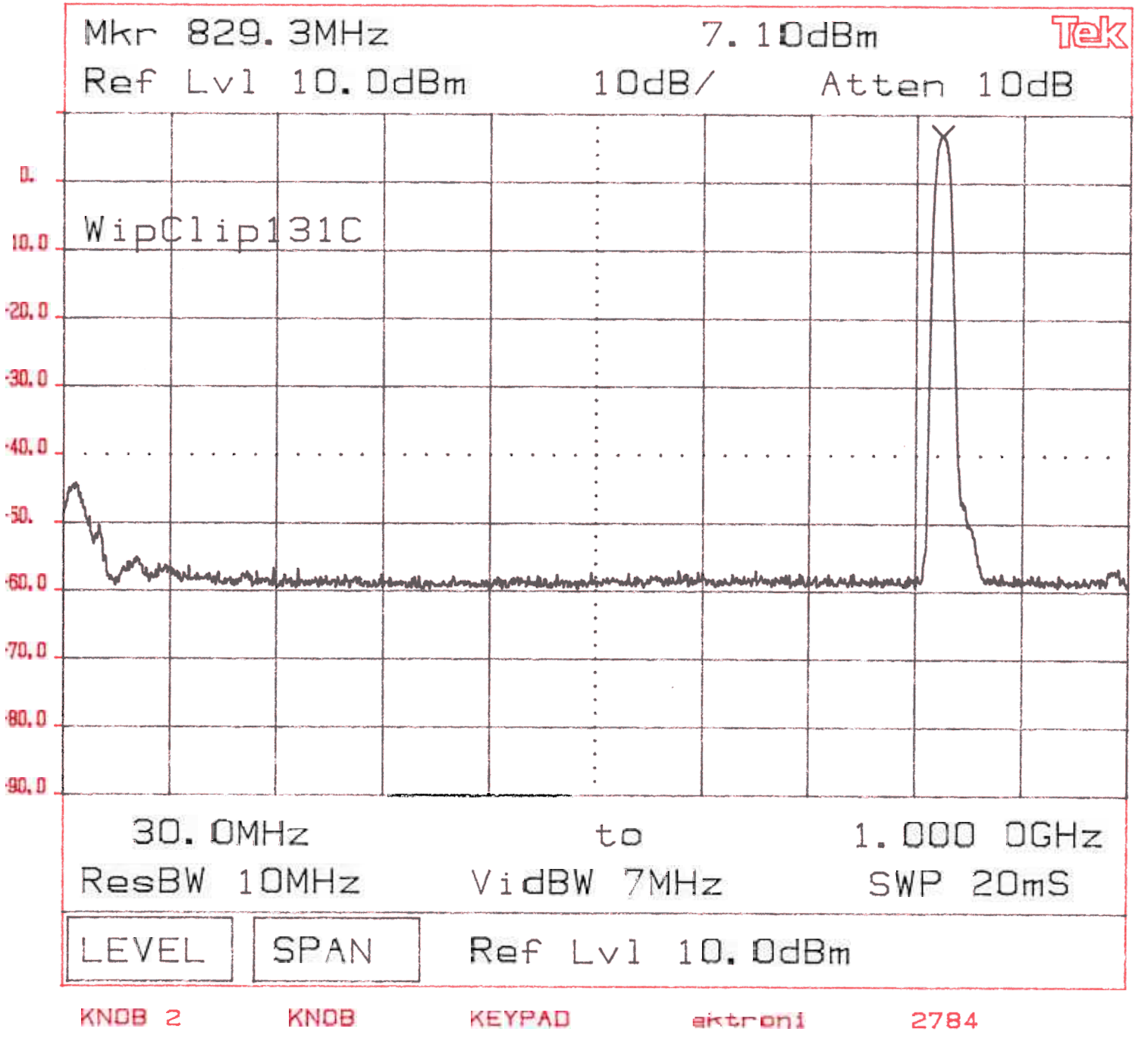
EMCO Double-Ridged Horn antenna
HP 8566B Spectrum Analyzer
TEM Cell
HP 7470A Plotter

7.3 Test Results

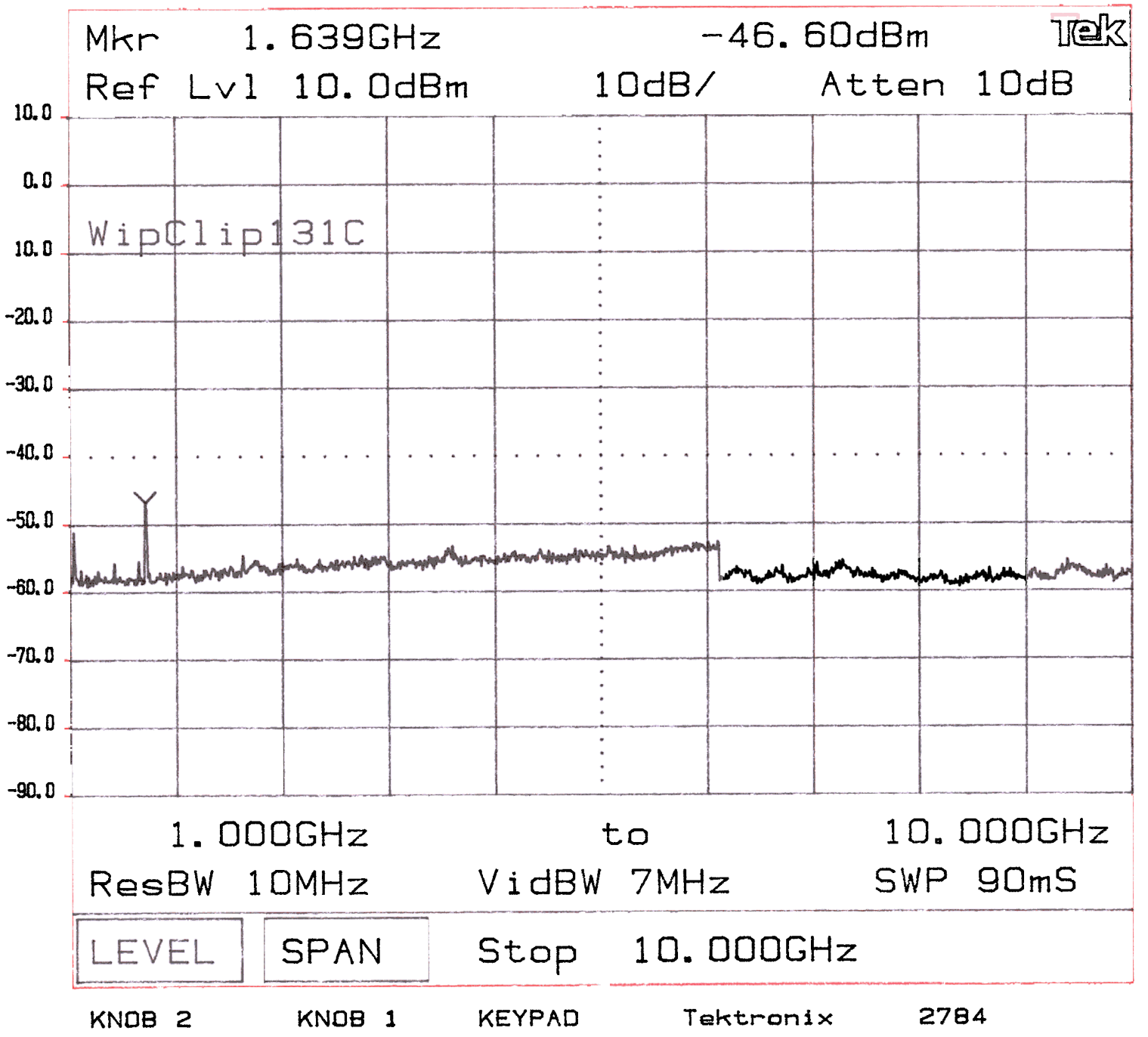
Passed	Refer to the attached plots.

CDPD Mode	
Plot Number	**Description**
7.3.1.a - 7.3.1.c	Low Channel
7.3.2.a - 7.3.2.c	Middle Channel
7.3.3.a - 7.3.3.c	High Channel
7.3.4	Emissions in the receiver band, Low Channel
7.3.5	Emissions in the receiver band, Middle Channel
7.3.6	Emissions in the receiver band , High Channel

plot 7.9


Mkr 829.3MHz
7.10dBm
Tek
Ref Lvl 10.0dBm
10dB/
Atten 10dB
0.
10.0
20.0
30.0
40.0
50.
60.0
70.0
80.0
90.0
WipClip131C
30.0MHz
to
1.000 0GHz
ResBW 10MHz
VidBW 7MHz
SWP 20mS
LEVEL
SPAN
Ref Lvl 10.0dBm
KNOB 2
KNOB
KEYPAD
aktroni
2784

plot # 7.3.1.b


Mkr 1.639GHz
-46.60dBm
Tek
Ref Lvl 10.0dBm
10dB/
Atten 10dB
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
WipClip131C
1.000GHz
to
10.000GHz
ResBW 10MHz
VidBW 7MHz
SWP 90mS
LEVEL
SPAN
Stop 10.000GHz
KNOB 2
KNOB 1
KEYPAD
Tektronix
2784