



**FOR FREQUENCY 5.15~5.35GHz**

**5.3 PEAK TRANSMIT POWER MEASUREMENT**

**5.3.1 LIMITS OF PEAK TRANSMIT POWER MEASUREMENT**

Frequency Band	Limit
5.15 – 5.25GHz	The lesser of 50mW (17dBm) or 4dBm + 10logB
5.25 – 5.35GHz	The lesser of 250mW (24dBm) or 11dBm + 10logB
5.725 – 5.825GHz	The lesser of 1W (30dBm) or 17dBm + 10logB

**NOTE:** Where B is the 26dB emission bandwidth in MHz.

**5.3.2 TEST INSTRUMENTS**

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
R&S SPECTRUM ANALYZER	FSEK30	100049	Aug. 12, 2005

**NOTE:** The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.



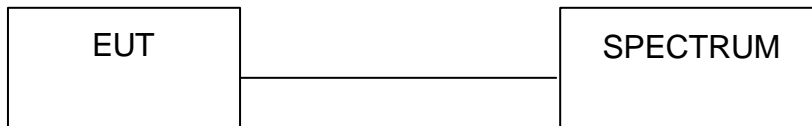
### 5.3.3 TEST PROCEDURE

1. The transmitter output was connected to the spectrum analyzer.
2. Set span to encompass the entire emission bandwidth of the signal.
3. Set RBW to 1MHz, VBW to 300kHz.
4. Using the spectrum analyzer's channel power measurement function to measure the output power.

### 5.3.4 DEVIATION FROM TEST STANDARD

No deviation

### 5.3.5 TEST SETUP



### 5.3.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.



5.3.7 TEST RESULTS

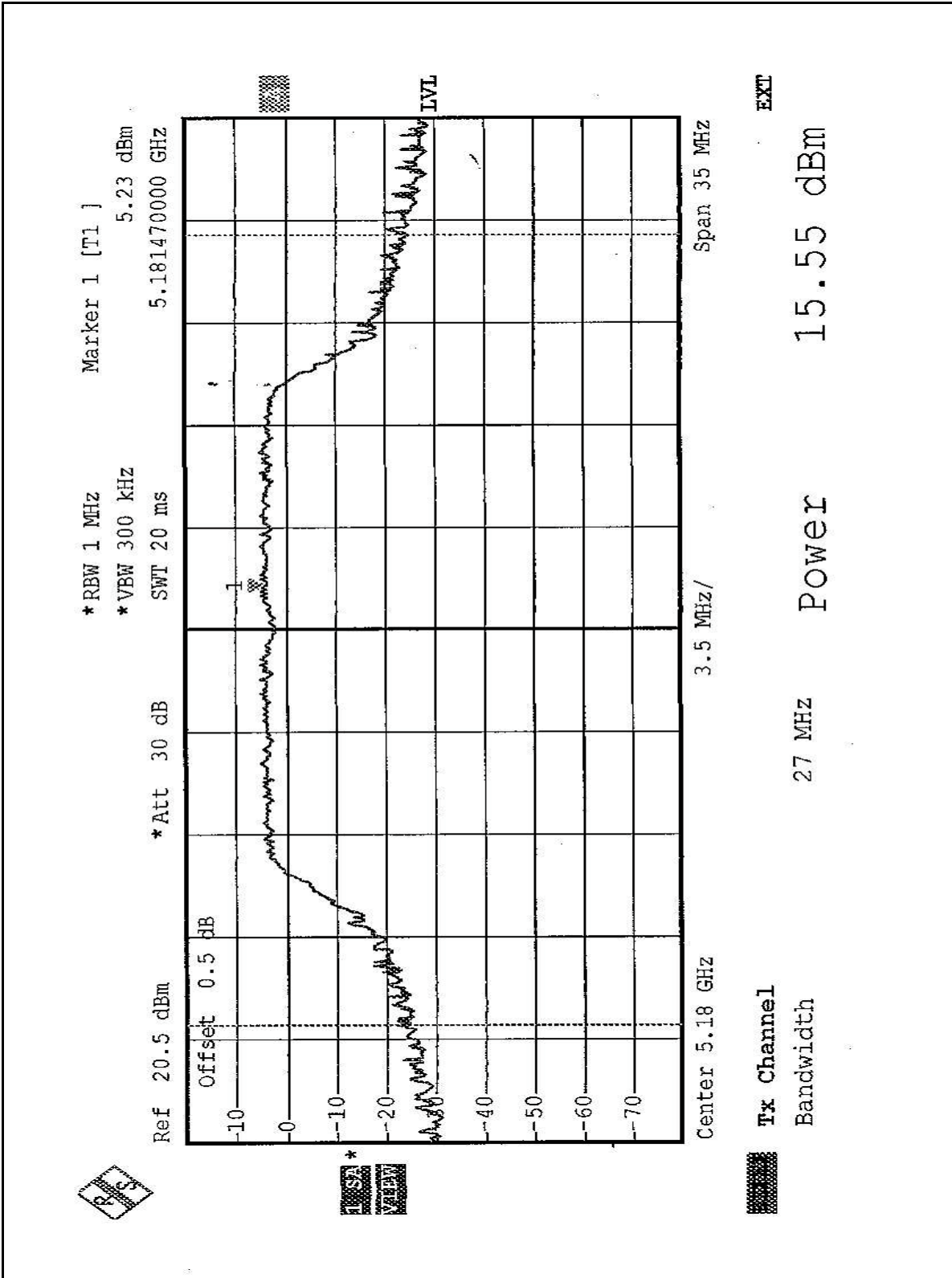
<b>EUT</b>	Wireless AG Gaming Adapter	<b>MODEL</b>	DGL-3420
<b>MODE</b>	Normal	<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz
<b>ENVIRONMENTAL CONDITIONS</b>	24deg. C, 64%RH, 991hPa	<b>TESTED BY</b>	Leo Hung

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
1	5180	35.892	15.55	17.00	26.04	PASS
4	5240	35.645	15.52	17.00	24.50	PASS
5	5260	35.810	15.54	24.00	24.99	PASS
8	5320	31.696	15.01	24.00	25.83	PASS

**NOTE:** The 26dBc Occupied Bandwidth plot, please refer to the following pages.

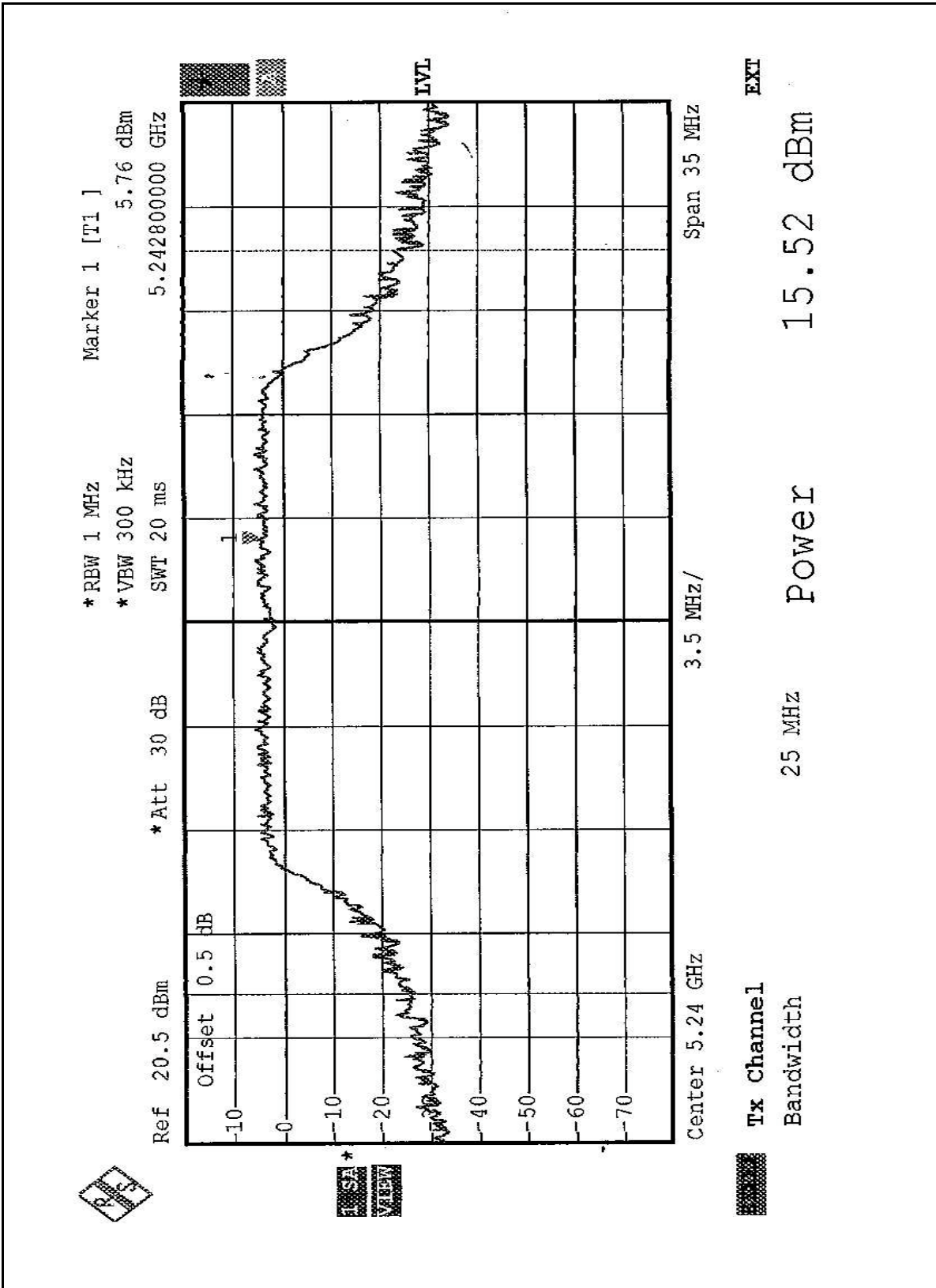


Peak Power Output:  
CH1



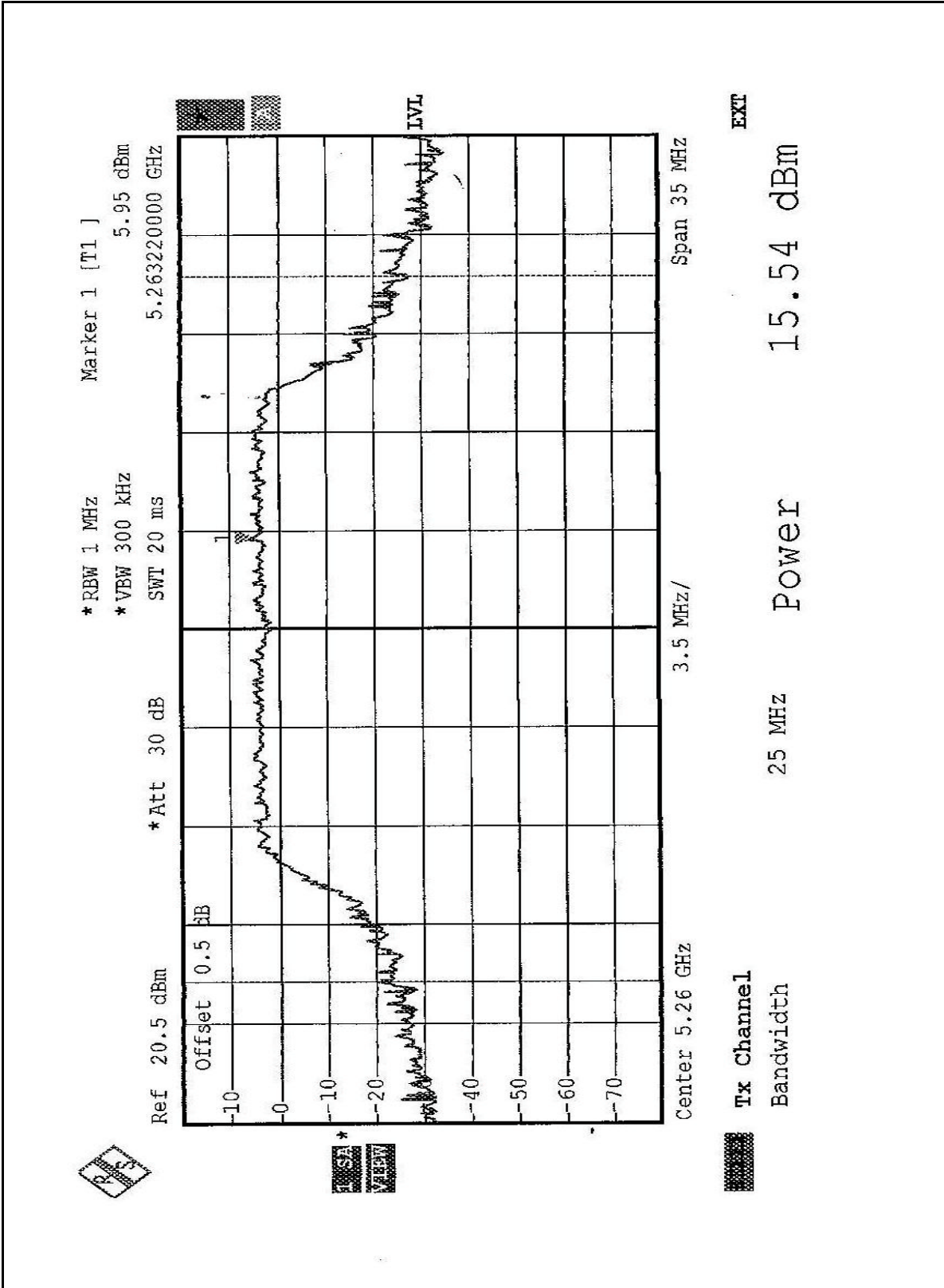


CH4



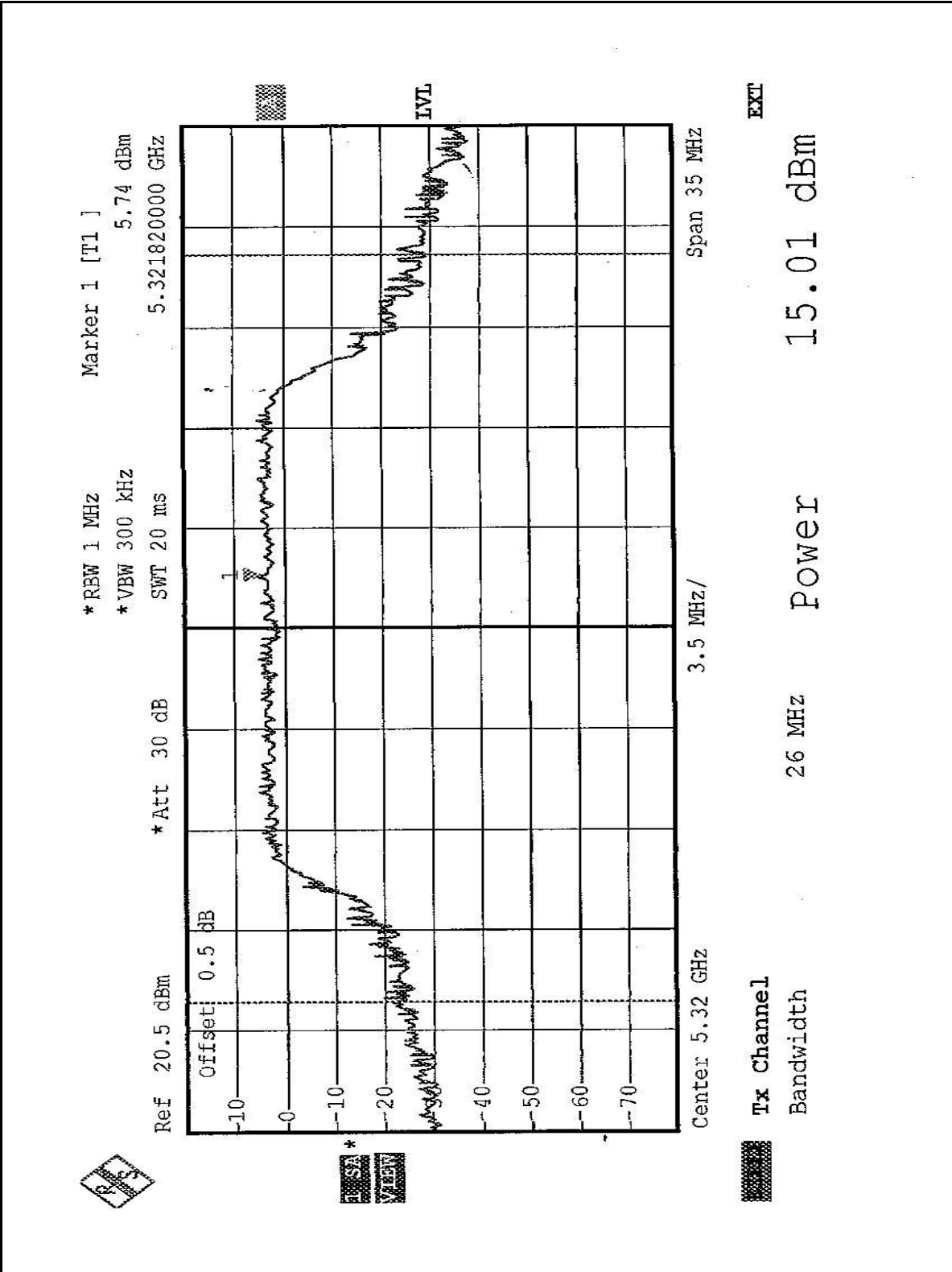


CH5



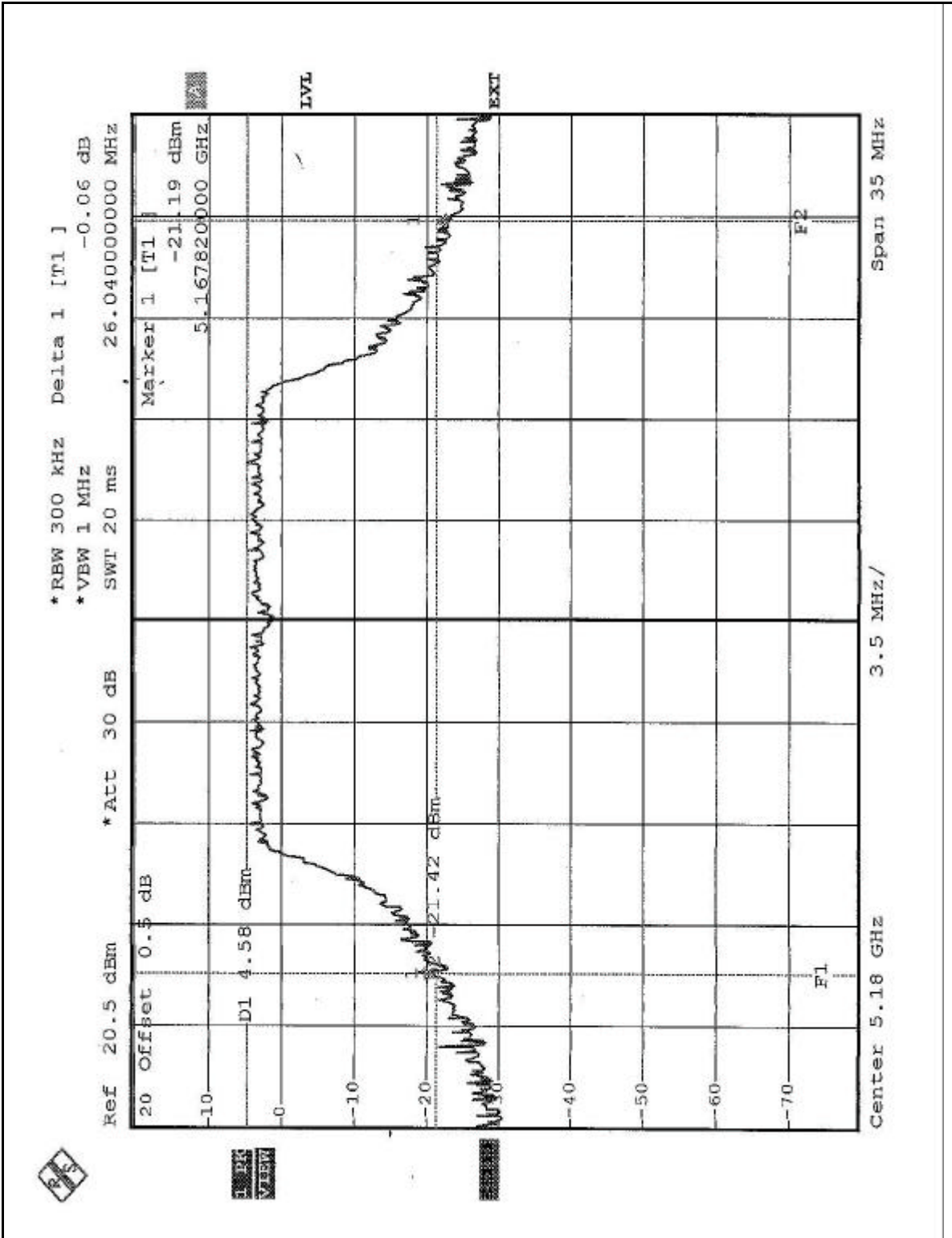


CH8





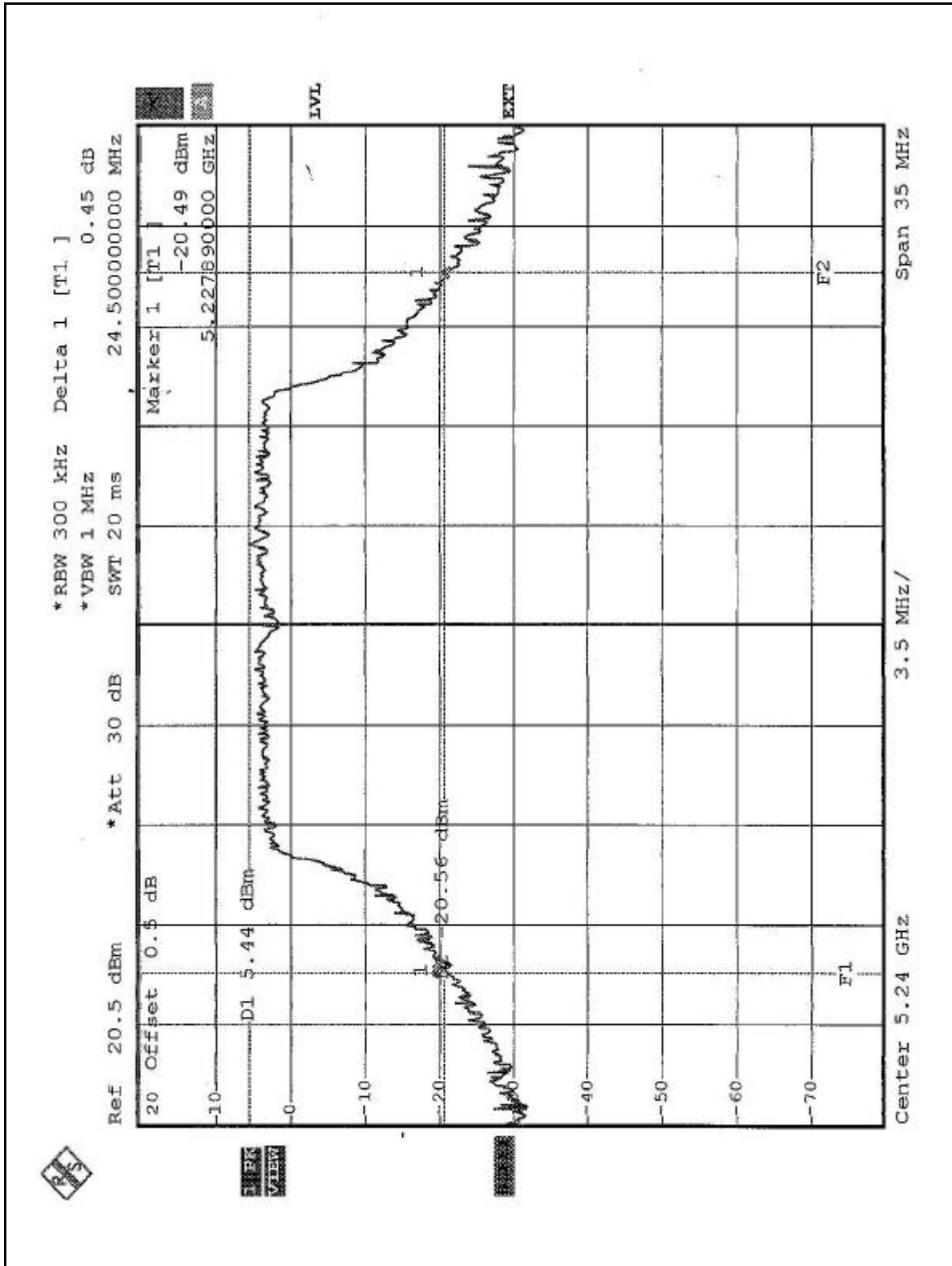
26dB Occupied Bandwidth:  
CH1





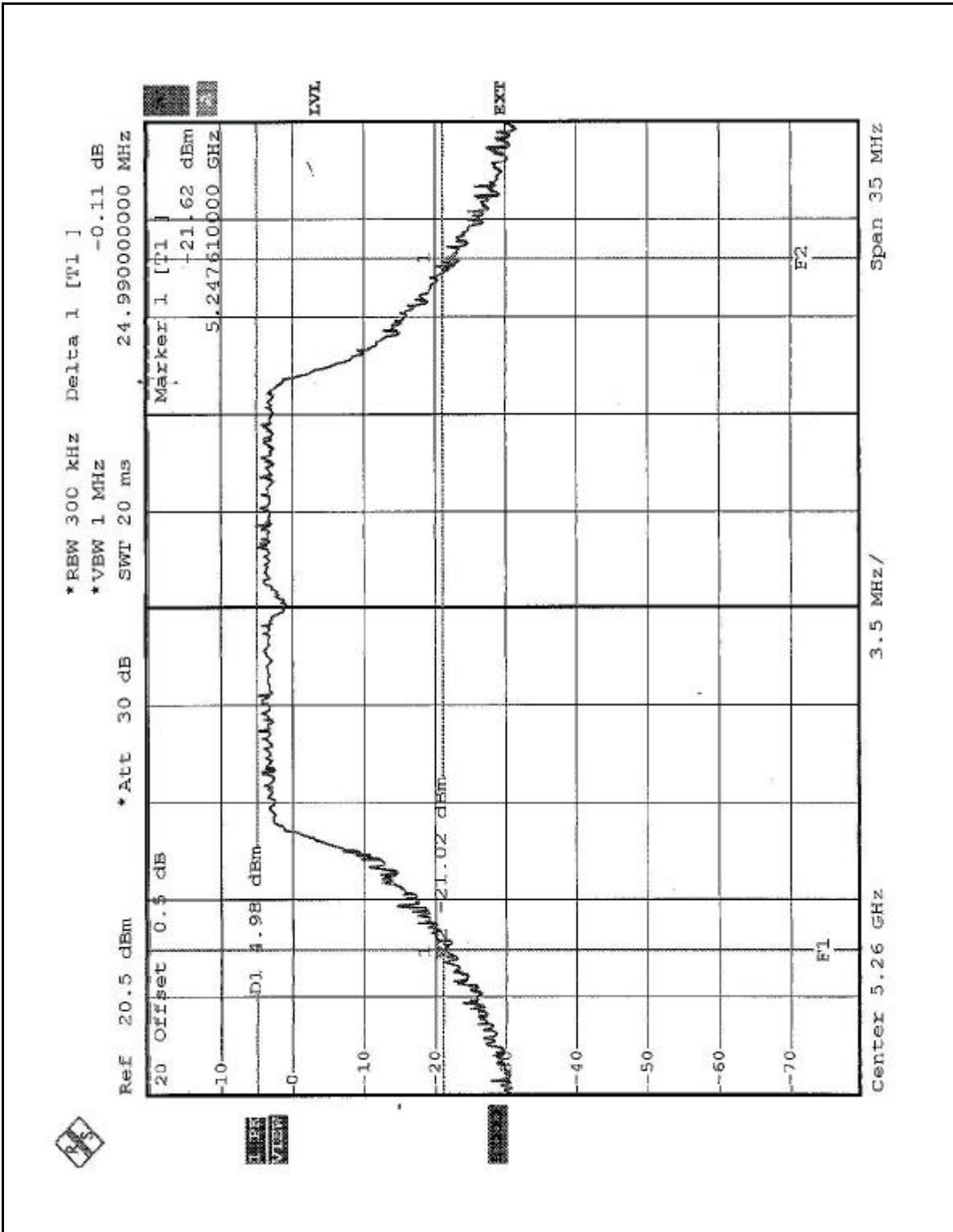


CH4



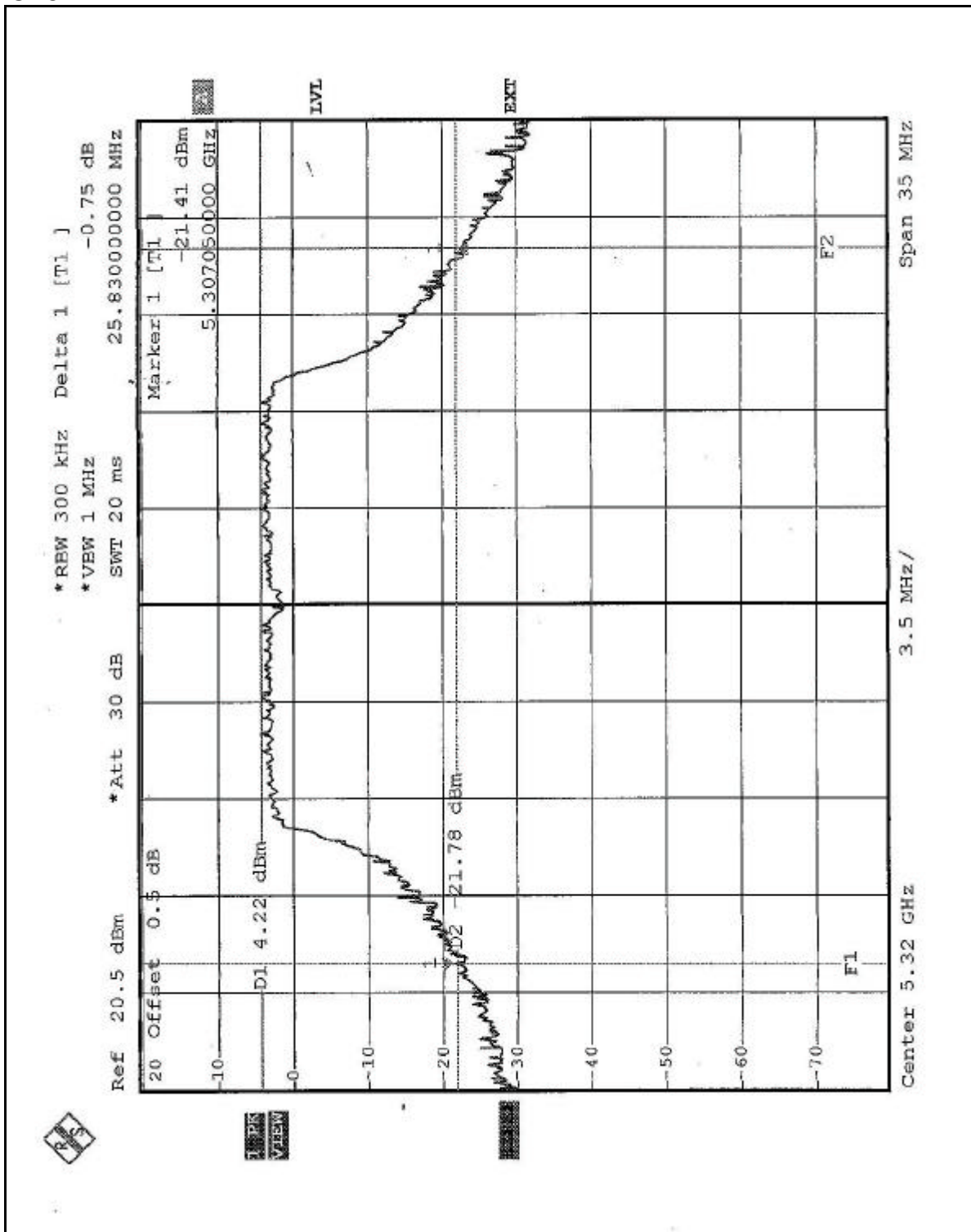


CH5





CH8





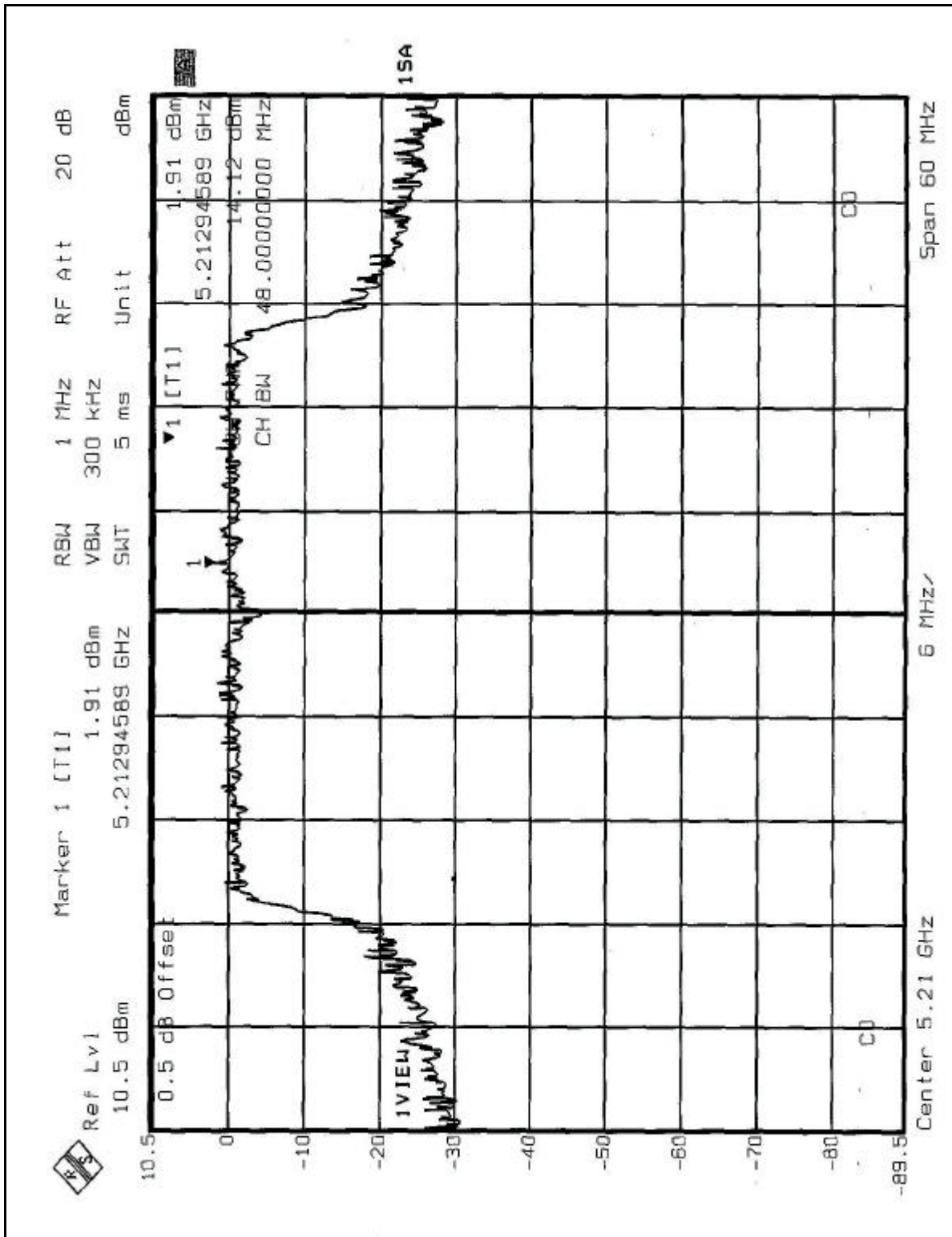
<b>EUT</b>	Wireless AG Gaming Adapter	<b>MODEL</b>	DGL-3420
<b>MODE</b>	Turbo	<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz
<b>ENVIRONMENTAL CONDITIONS</b>	24deg. C, 64%RH, 991hPa	<b>TESTED BY</b>	Leo Hung

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
1	5210	25.823	14.12	17.00	47.01	PASS
2	5250	26.122	14.17	17.00	45.93	PASS
3	5290	26.122	14.17	24.00	46.29	PASS

**NOTE:** The 26dBc Occupied Bandwidth plot, please refer to the following pages.

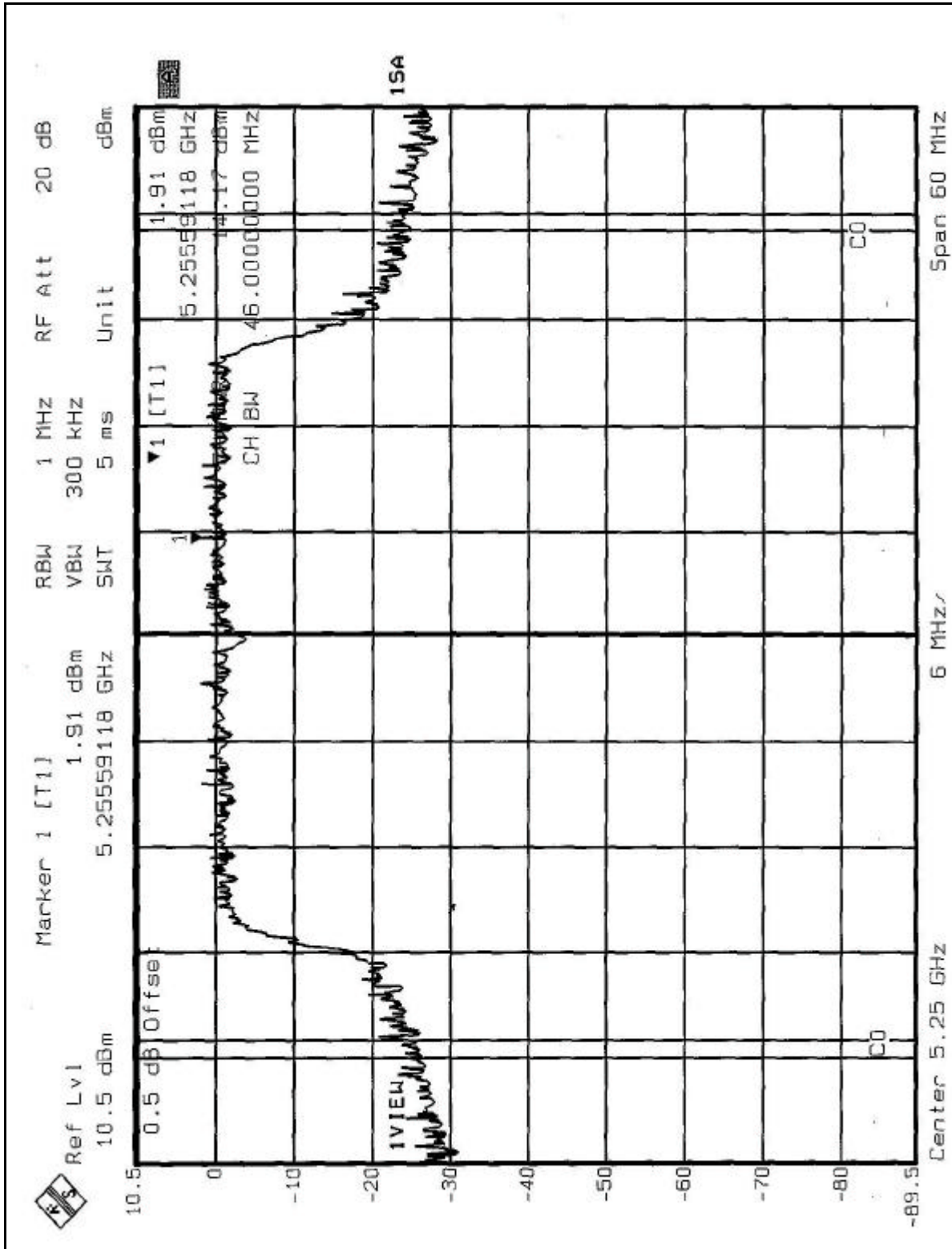


Peak Power Output:  
CH1



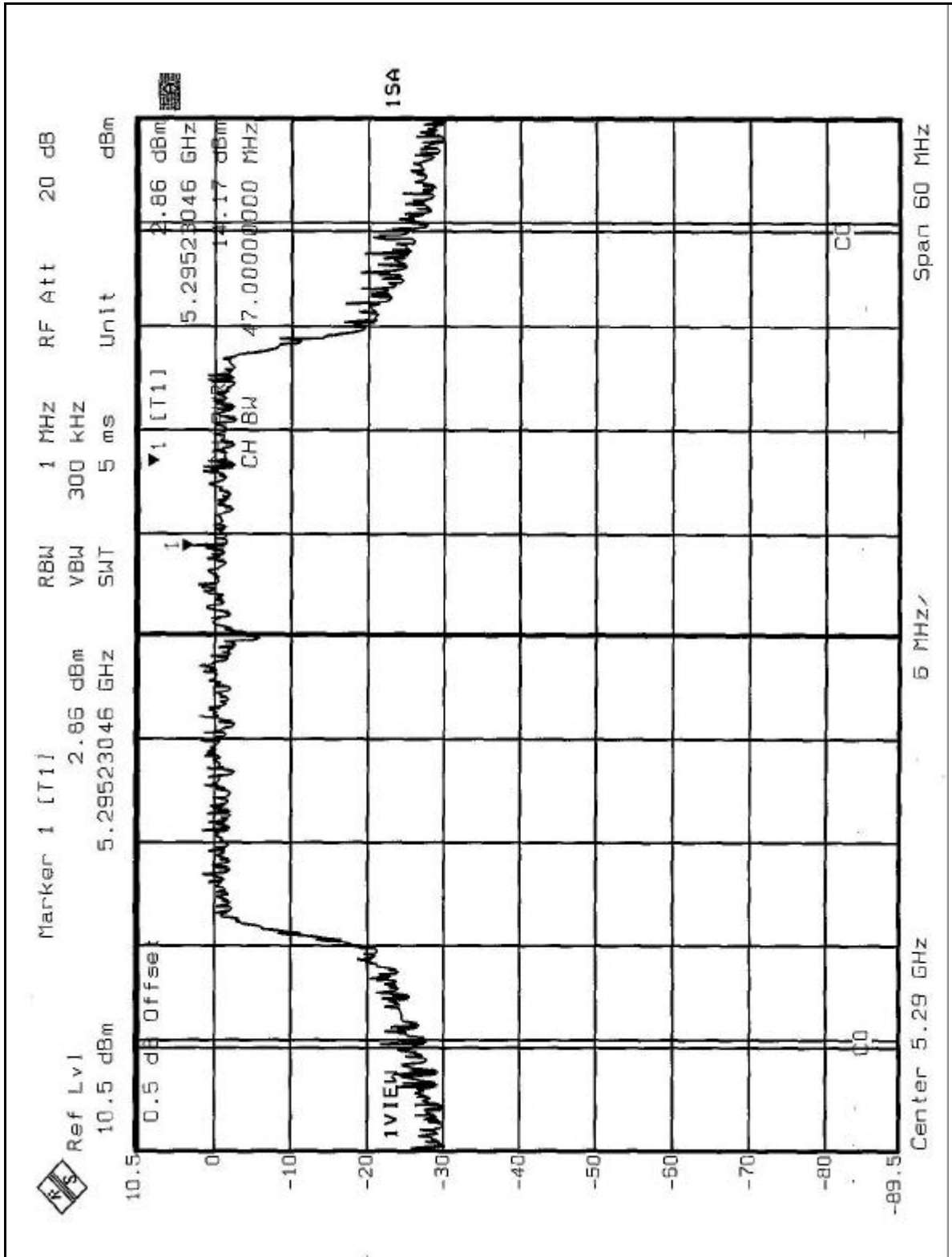


CH2



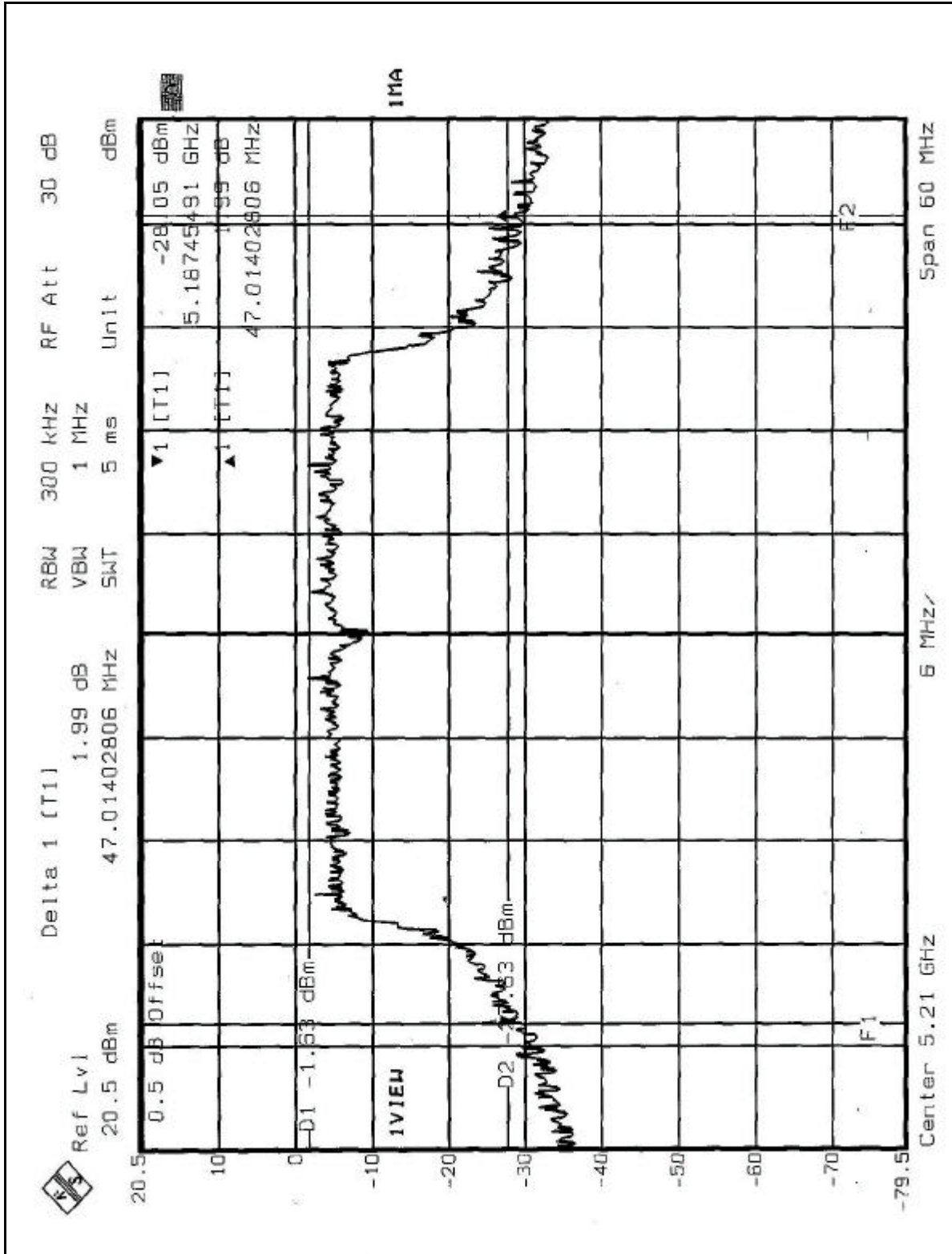


CH3





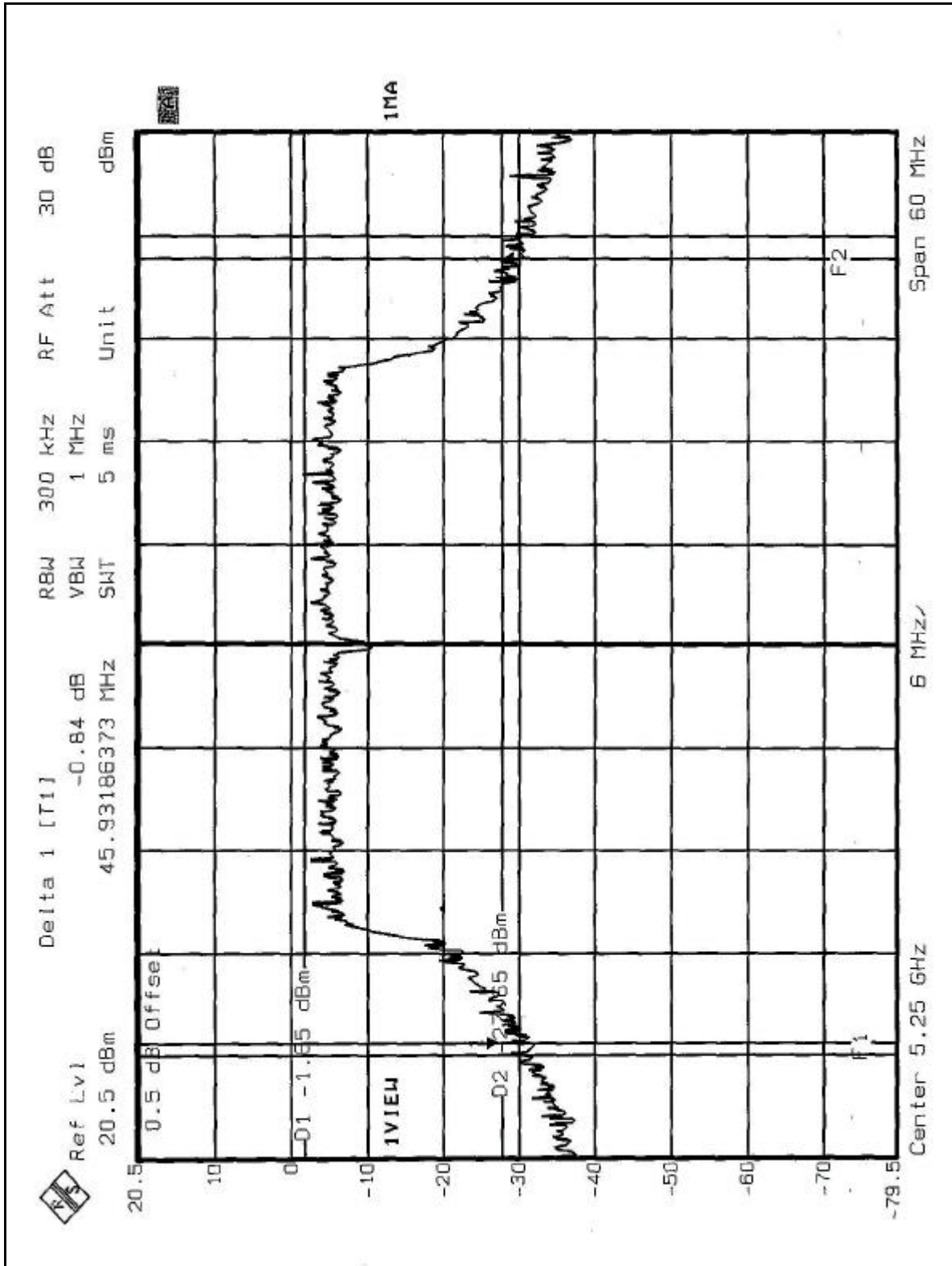
26dB Occupied Bandwidth:  
CH1







CH2





CH3

