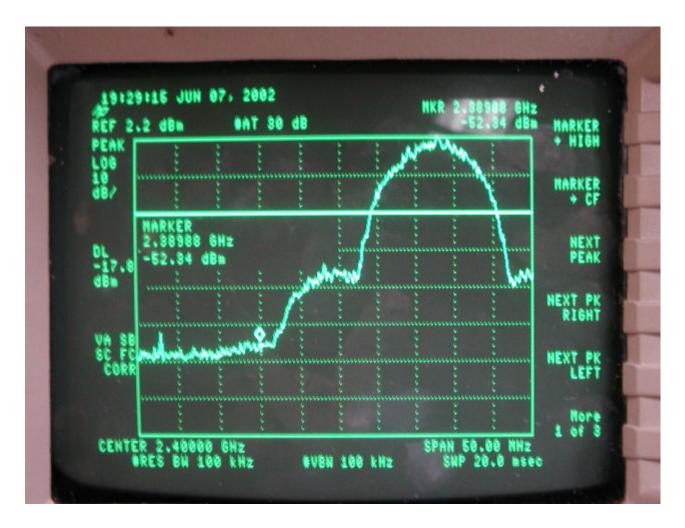
Channel 1



#This is the hard copy of our bandedge measurement of channel 1.

- 1. The lobe right by the fundamental side is already 20dB below the highest emission level.
- 2. The spectrum plot extended inside the restriction band is also below -50dBm (57dBuV).

#Sample Calculation:

$$E = \frac{\sqrt{30PG}}{d}$$

$$\Rightarrow 20 \log E(dB \, \text{mV}) - 120 dB = 20 \log \left(\frac{\sqrt{30PG}}{d}\right) = 10 \log \frac{10PG}{1}$$

$$= 10 \log P(dBm) - 30 dB + 10 \log G(dBi)$$

$$= -57 dBm - 30 dB - 0.8 + 120 = 32.2 dB \, \text{mV} / m$$

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