

2.6 Conducted Power (Peak) within the band 2400 – 2483.5 GHz per FCC Section 15.247(b)

Peak power within the band 2400-2483.5 GHz has been measured with a spectrum analyzer by connecting the spectrum analyzer directly via a short cable to the antenna output terminals or across the antenna leads on the PCB as specified by the manufacturer. The spectrum analyzer was set for a $50\ \Omega$ impedance with the VBW $\geq$ RBW 6 dB bandwidth. The results of the measurements are given in Table 2 and Figure 3a through Figure 3c.

TABLE 3
PEAK POWER OUTPUT

Test Date: February 2, 2006
UST Project: 06-0003
Customer: Cirronet Corporation
Model: WIT 2450

Frequency of Fundamental (GHz)	Measurement (dBm)*	Measurement (mW)*	FCC Limit* (Watt)
2.401015	22.18	165.2	1.0
2.433434	21.79	150.7	1.0
2.464928	20.99	125.6	1.0
2.475903	20.30	107.15	1.0

* Measurement includes 0.1 dB for cable loss

Tester
Signature: 

Name: Austin Thompson

Figure 3a
Conducted Power Peak Low Channel Emission

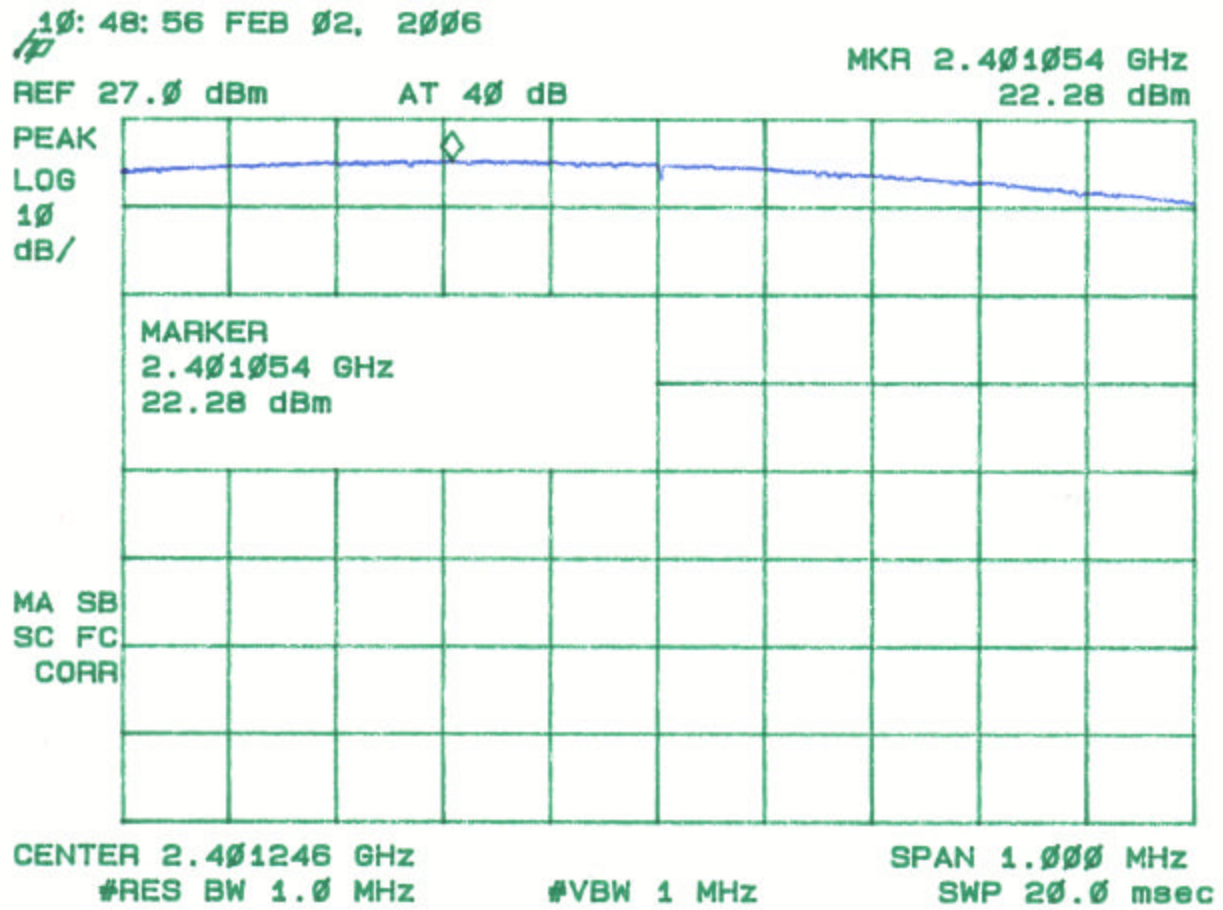


Figure 3b
Conducted Power Peak Mid Low Channel Emission

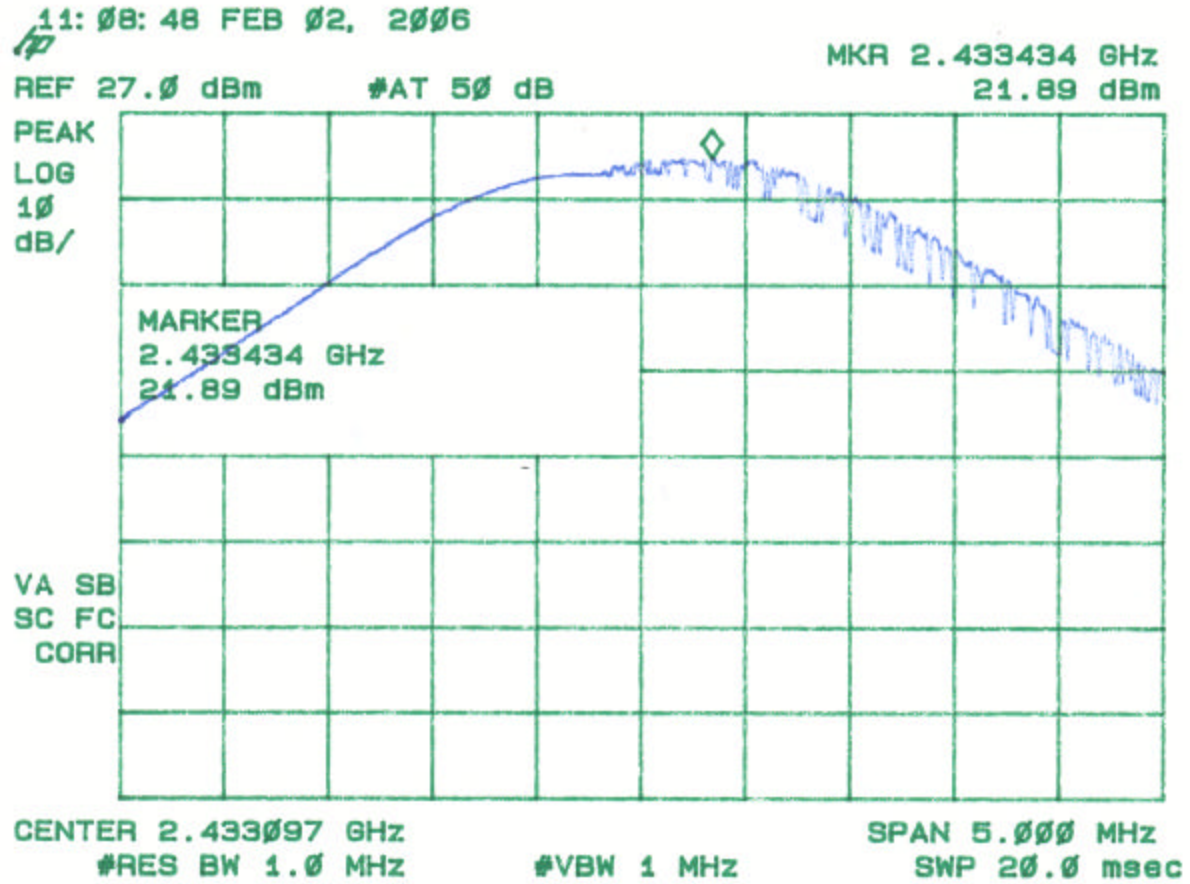


Figure 3c
Conducted Power Peak Mid High Channel Emission

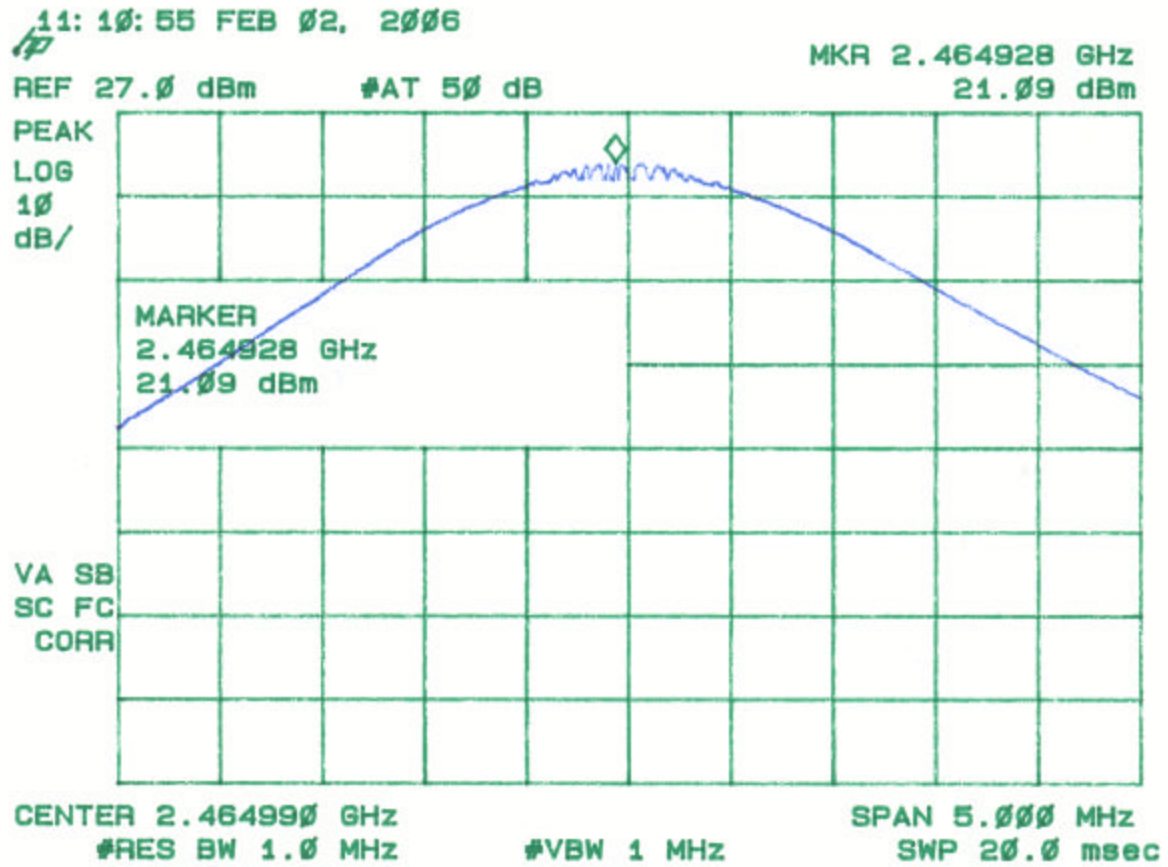


Figure 3d
Conducted Power Peak High Channel Emission

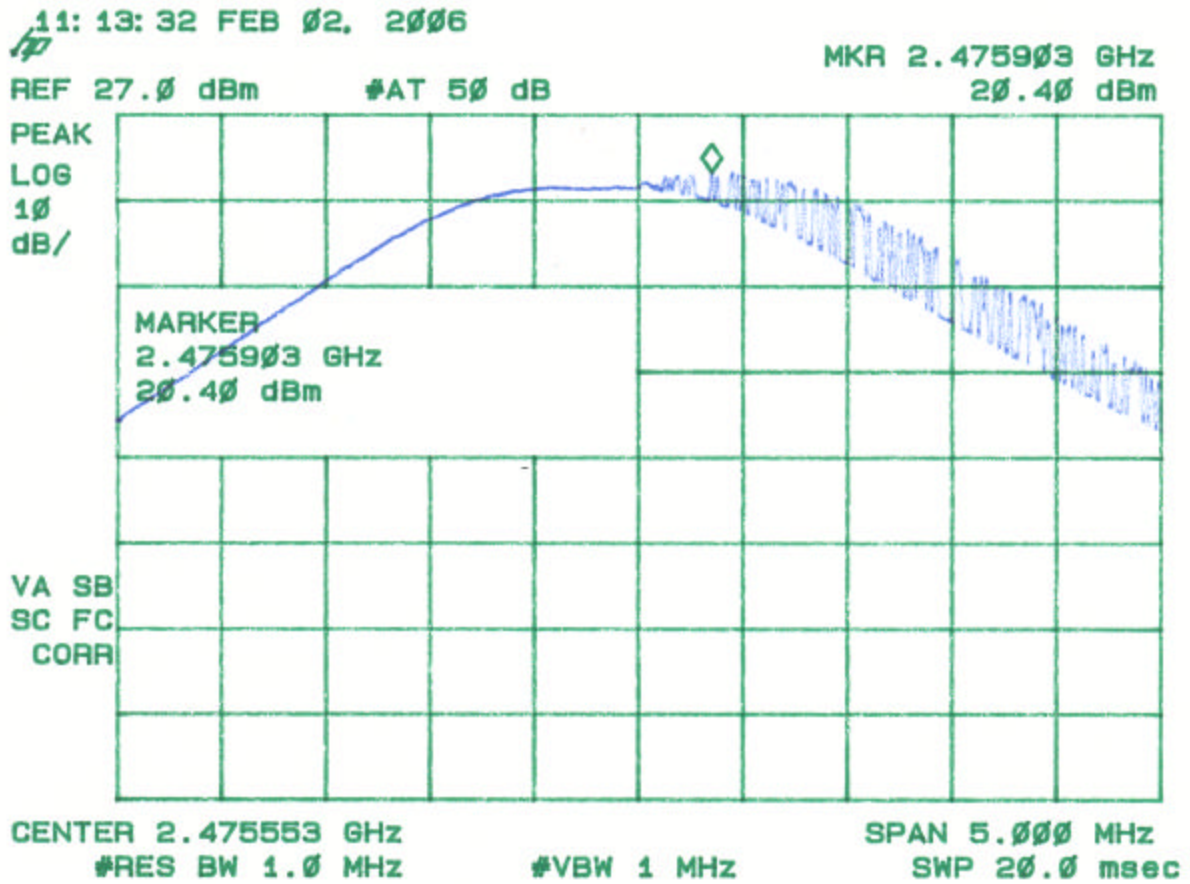


Figure 3e
Conducted Power Peak Highest Channel Emission
Certification Application September 30, 2004

