

2.7 Antenna Conducted Spurious Emission the Frequency Range 30 – 25000 MHz (FCC Section 15.247(c))

Spurious emissions in the frequency range 30 – 25000 MHz have 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 Ω impedance with the RBW = 100 kHz & VBW > RBW. All spurious emissions were measured to be greater than 20 dB down from the fundamental. The results of conducted spurious emissions are given in Figure 4a through 4l.



Figure 4b
Antenna Conducted Spurious Emissions 5.247(c) Low

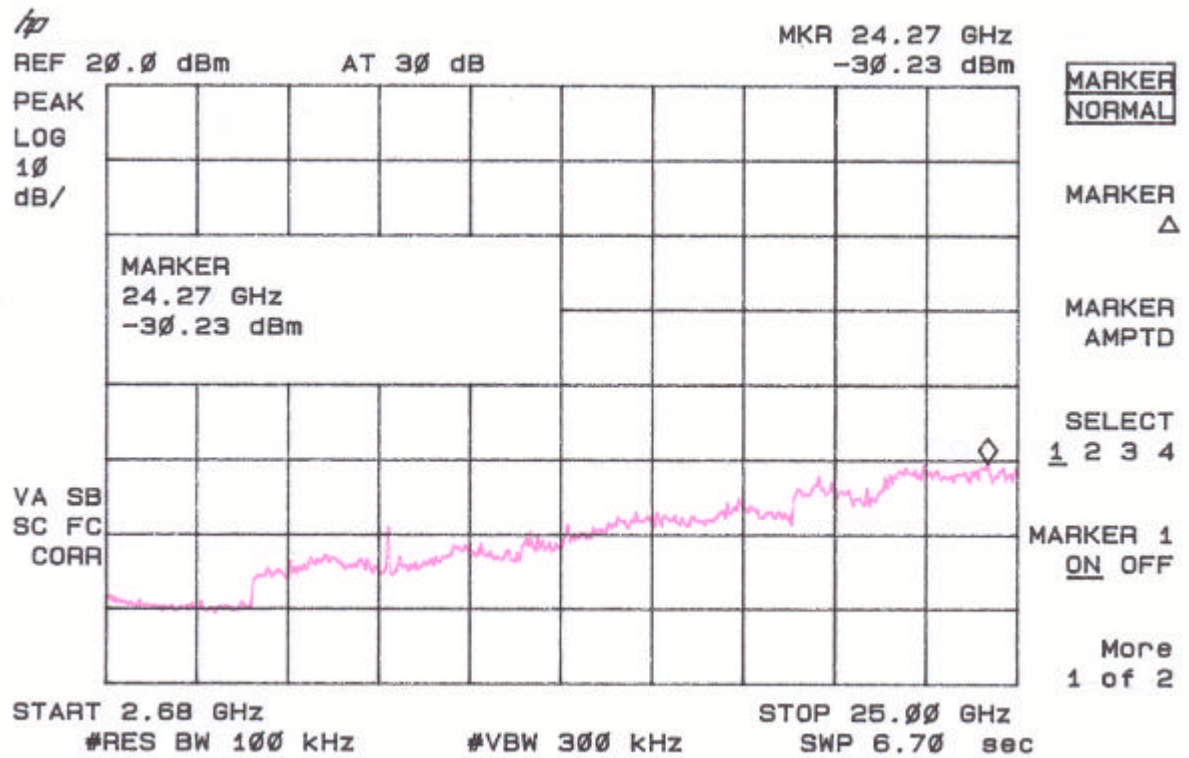
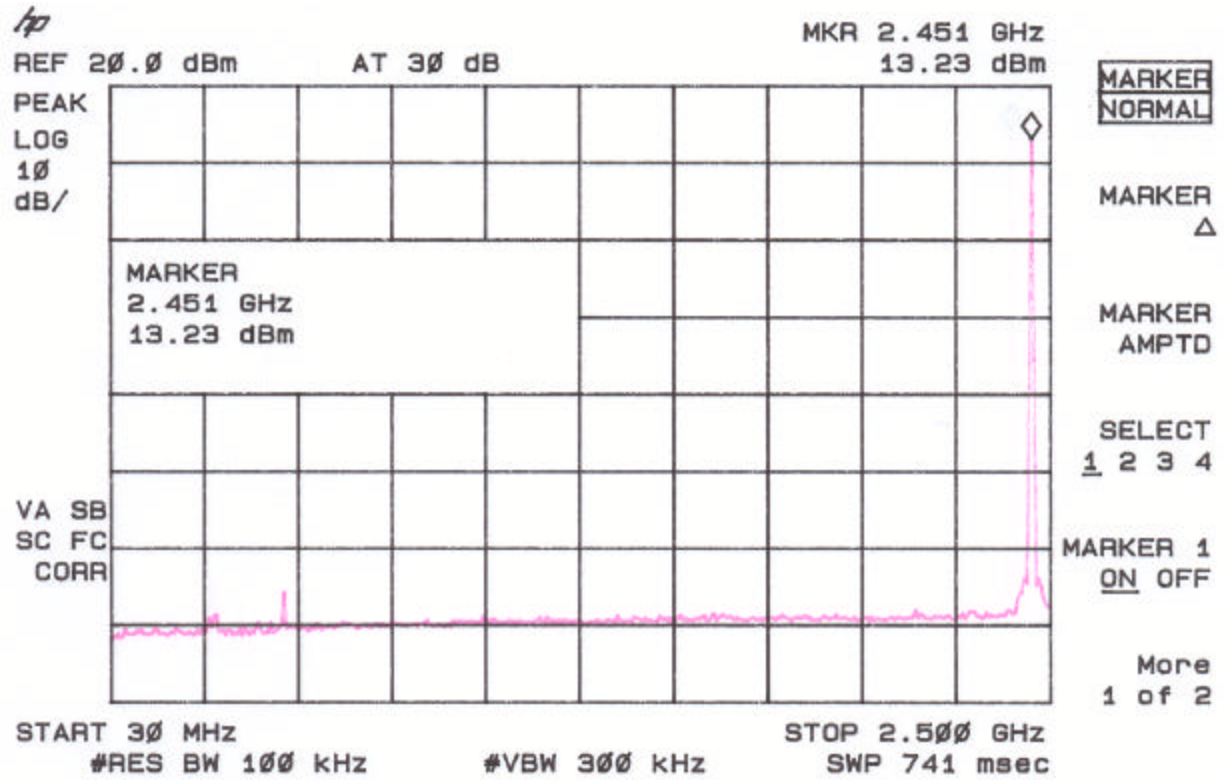


Figure 4c
Antenna Conducted Spurious Emissions 15.247(c) Mid



Note: Signal shown represents Fundamental Frequency.

Figure 4d
Antenna Conducted Spurious Emissions 15.247(c) Mid

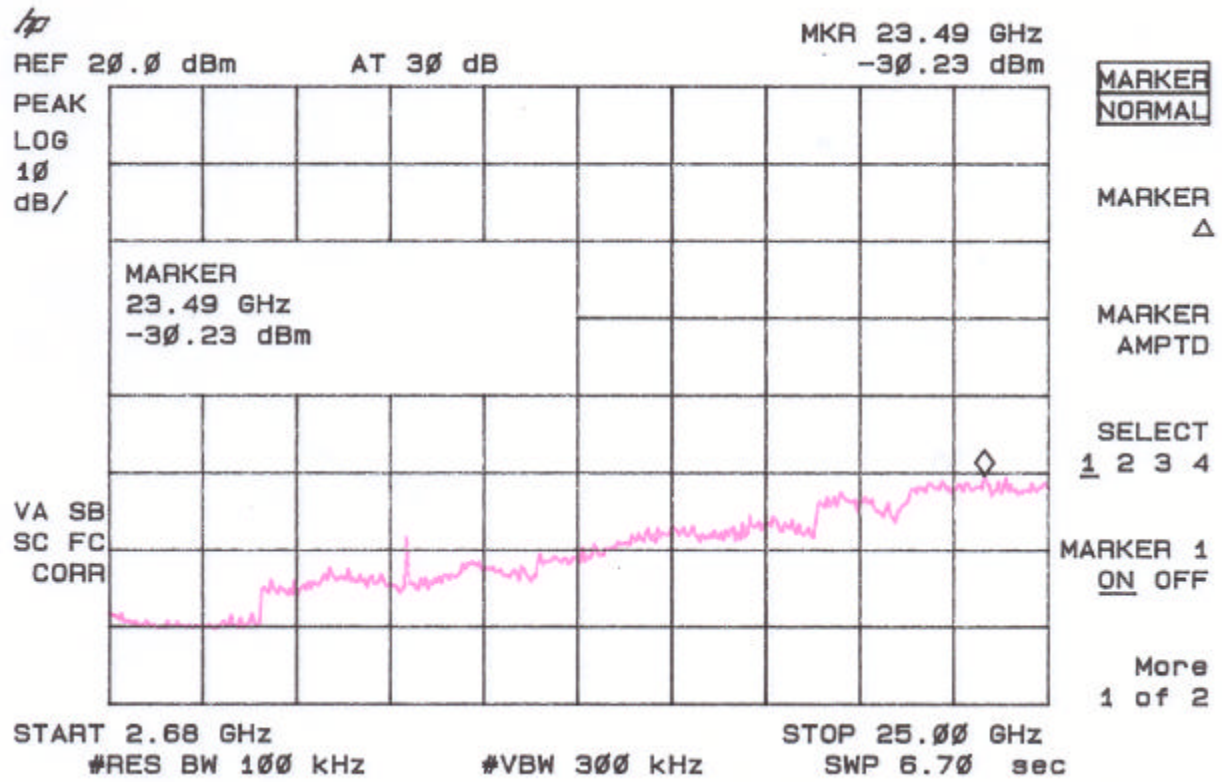
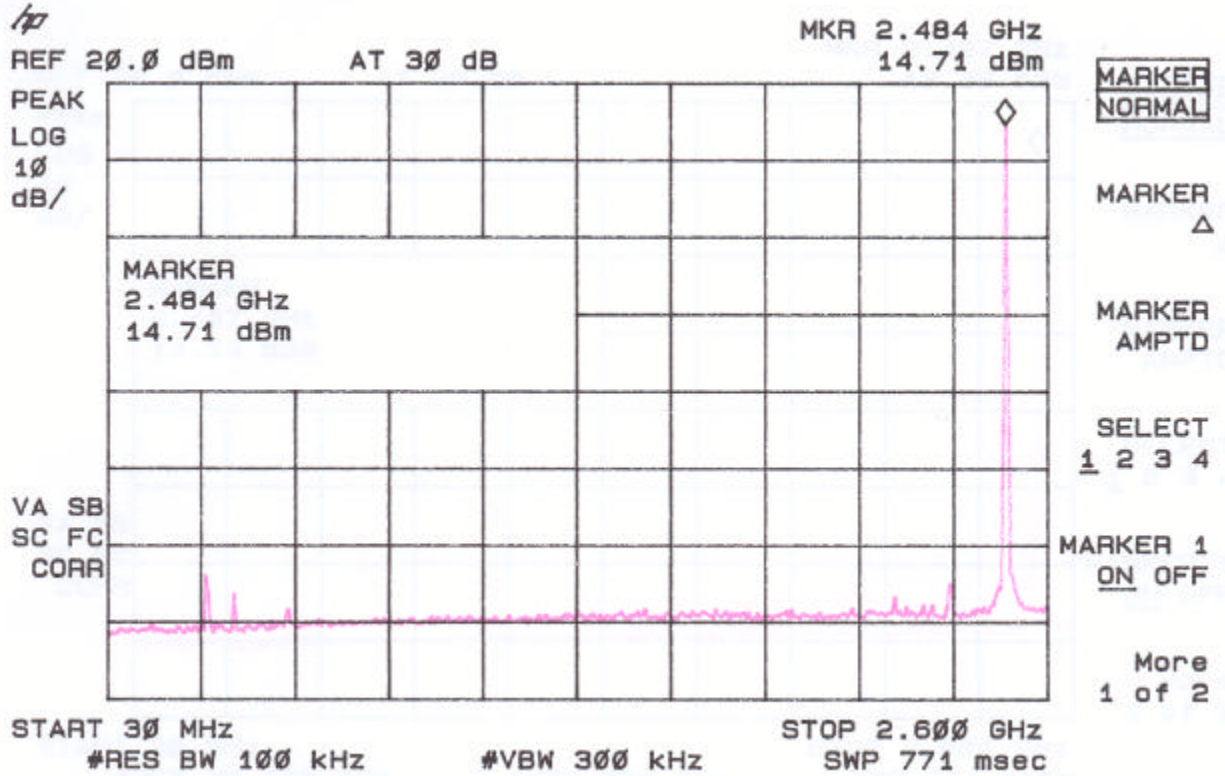


Figure 4e
Antenna Conducted Spurious Emissions 15.247(c) High



Note: Signal shown represents Fundamental Frequency.

Figure 4f
Antenna Conducted Spurious Emissions 15.247(c) High

