

2.9 Spurious Emissions at Antenna terminals (FCC Section 2.1051, 90.217)

Spurious emissions in the frequency range 30 MHz – 2 GHz 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 50Ω impedance with the $RBW = 100$ kHz and $VBW > RBW$. Test data are found in Figures 5a through 5h Below. Limits are based upon FCC 90.217 (a). All spurious are greater than 30 dB below the unmodulated carrier.

Report Number:

Issue Date:

Customer:

Model:

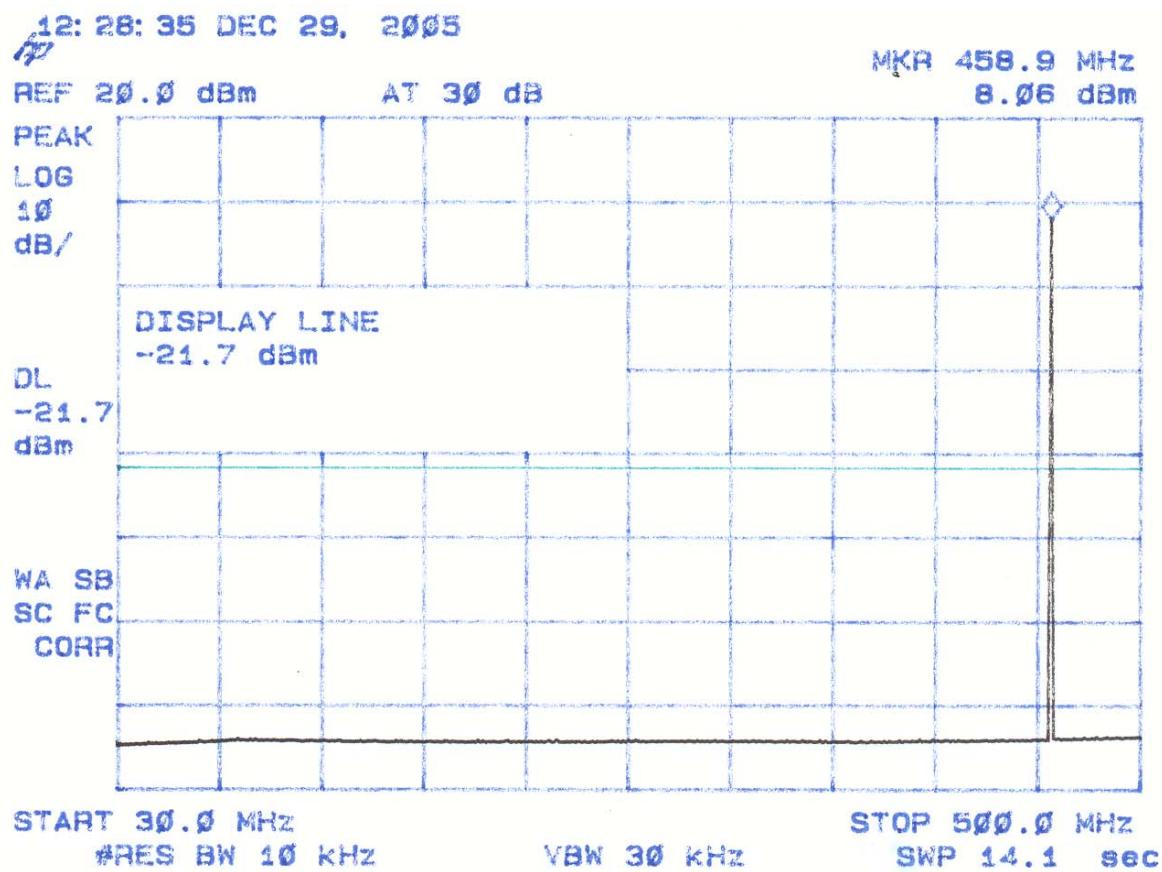


Figure 5a. Antenna Conducted Spurious Emissions, FCC 2.1051.

Report Number:
Issue Date:
Customer:
Model:

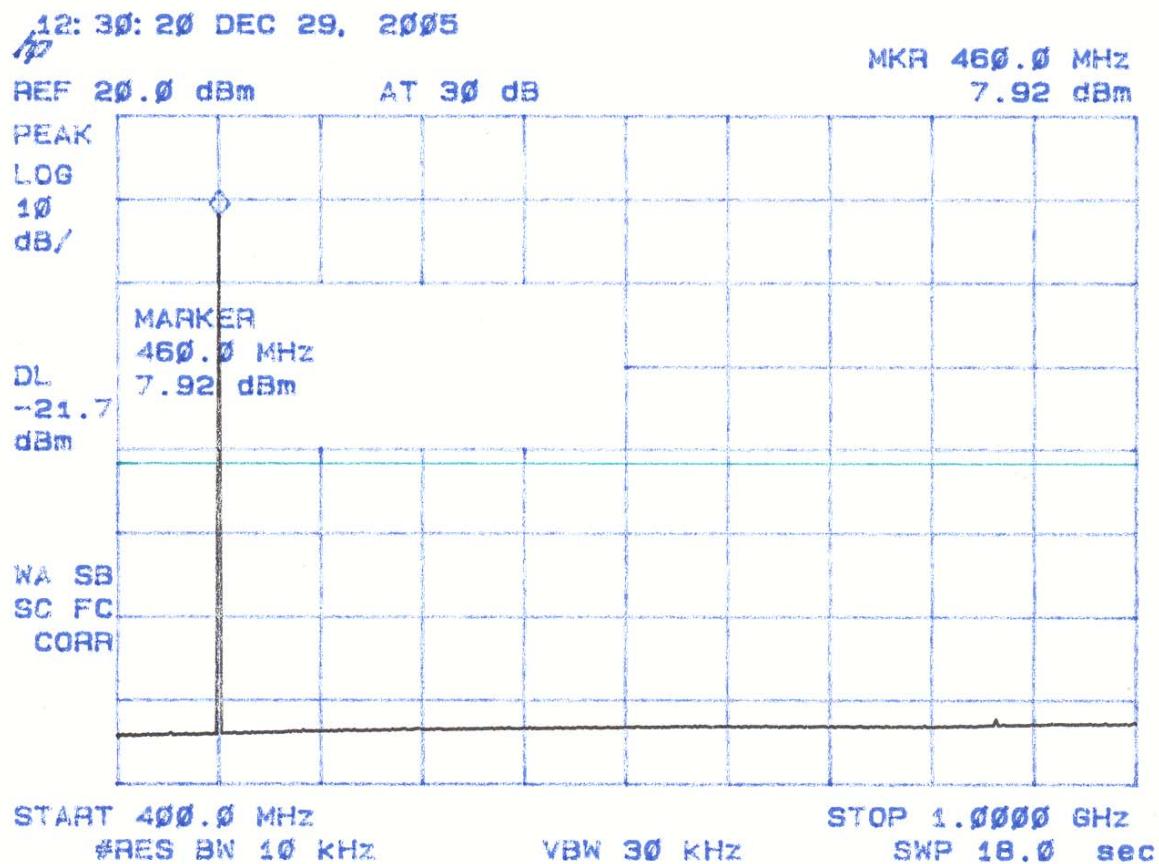


Figure 5b. Antenna Conducted Spurious Emissions, FCC 2.1051.

Report Number:
Issue Date:
Customer:
Model:

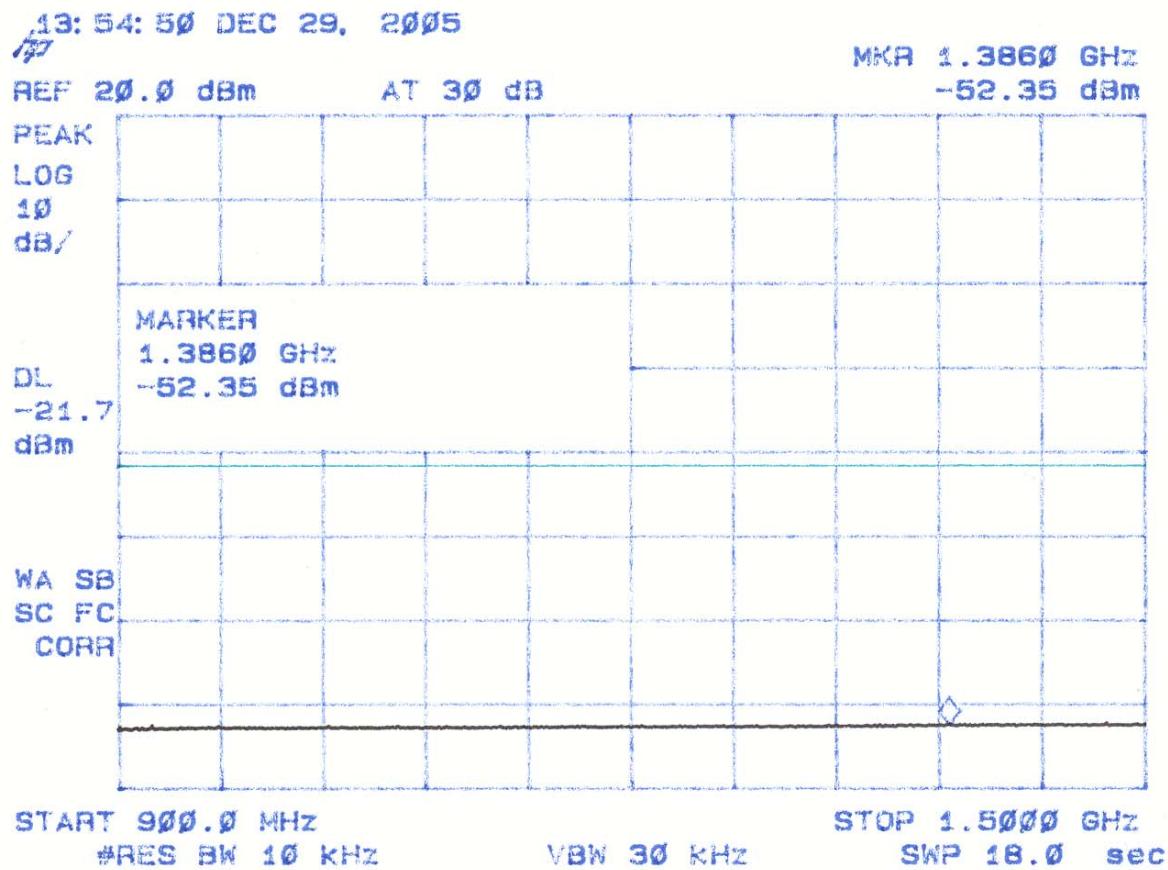


Figure 5c. Antenna Conducted Spurious Emissions, FCC 2.1051

Report Number:
Issue Date:
Customer:
Model:

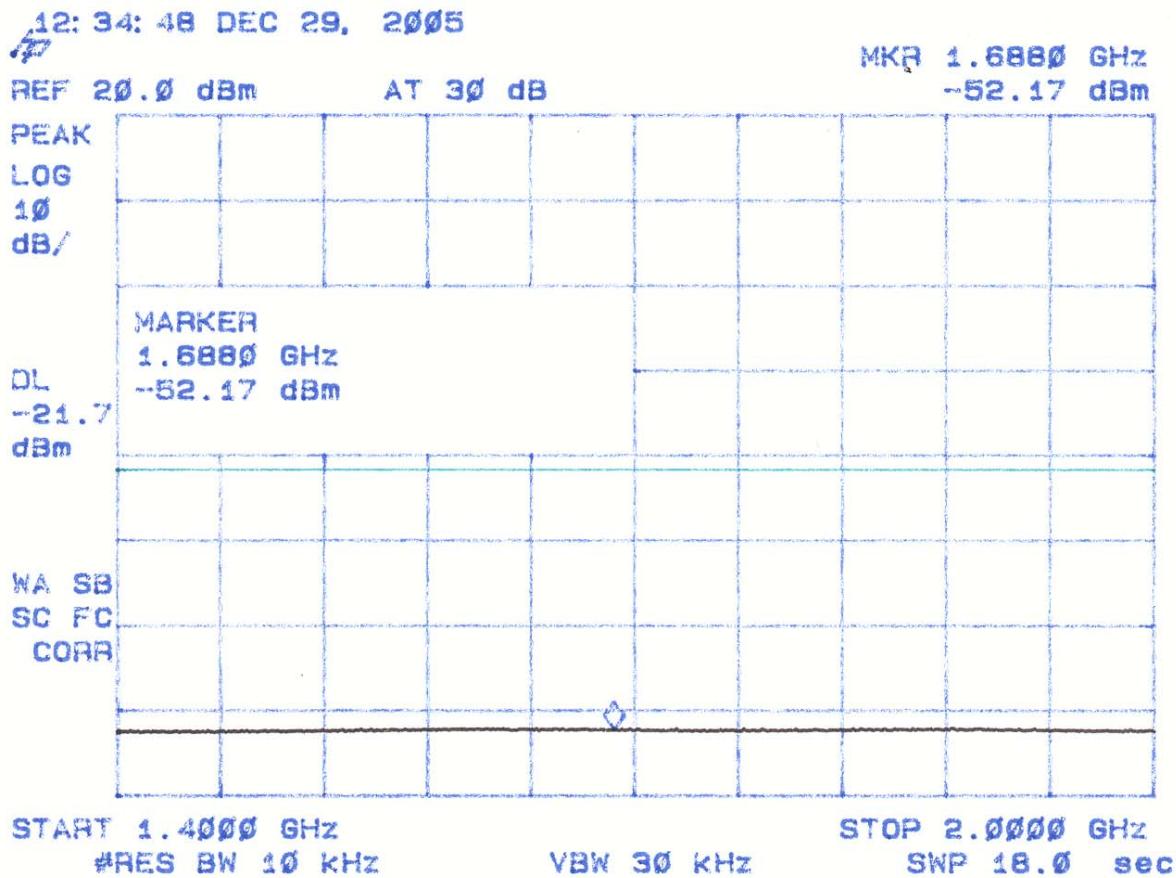


Figure 5d. Antenna Conducted Spurious Emissions, FCC 2.1051

Report Number:
Issue Date:
Customer:
Model:

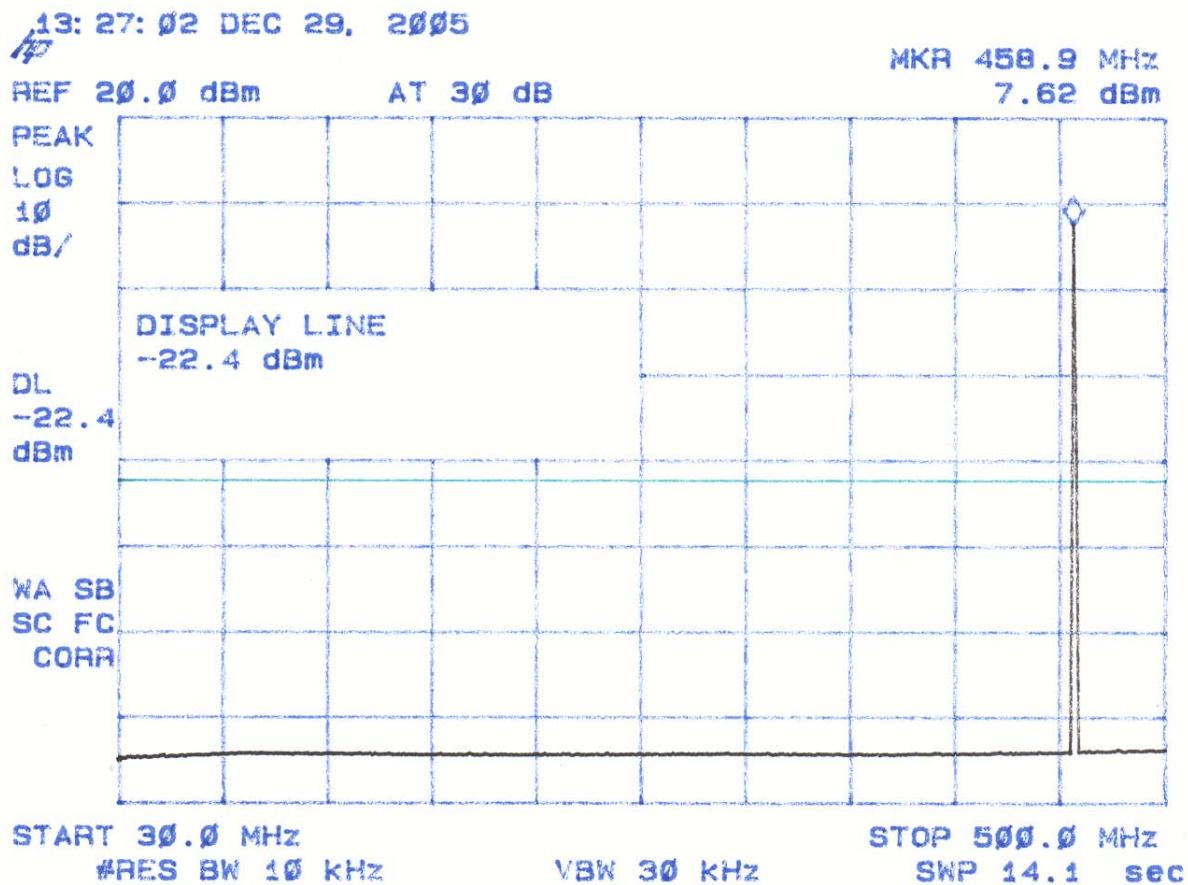


Figure 5e. Antenna Conducted Spurious Emissions, FCC 2.1051

Report Number:
Issue Date:
Customer:
Model:

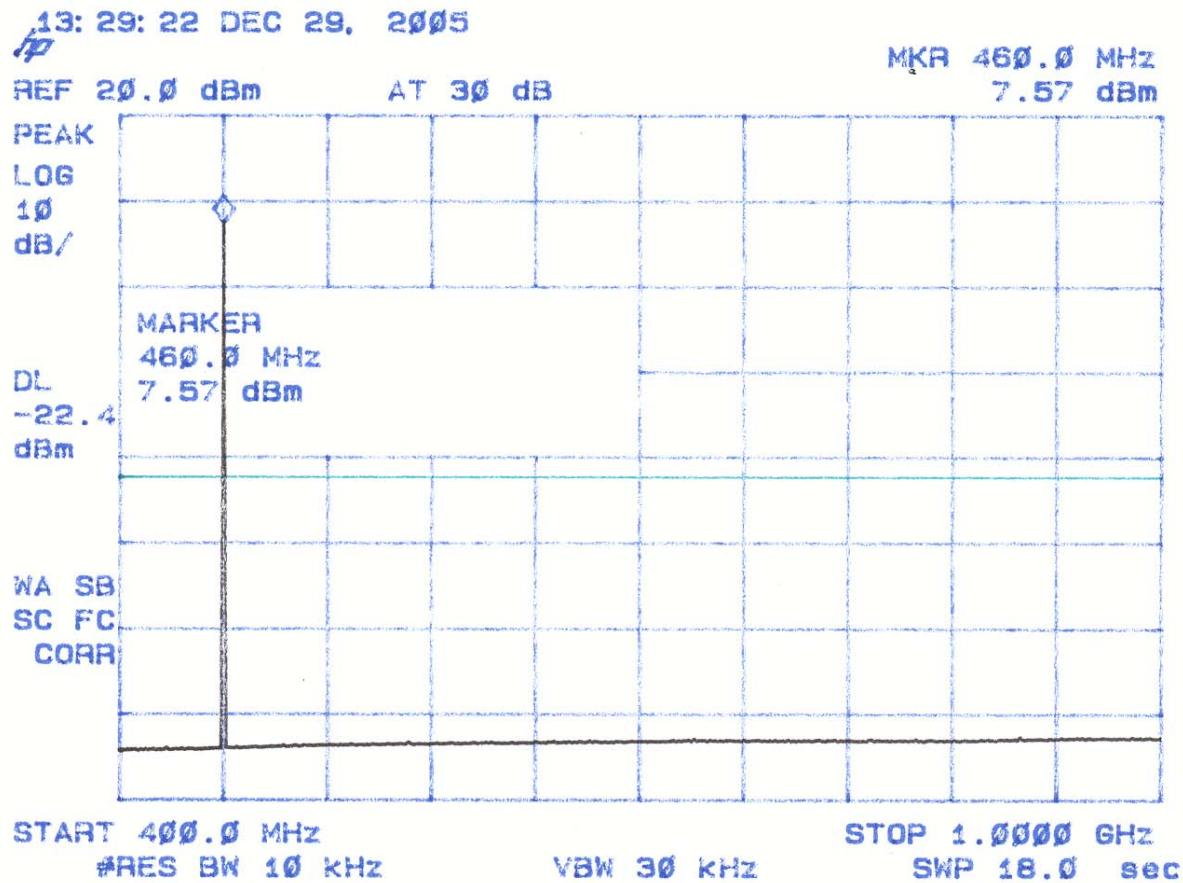


Figure 5f. Antenna Conducted Spurious Emissions, FCC 2.1051

Report Number:
Issue Date:
Customer:
Model:

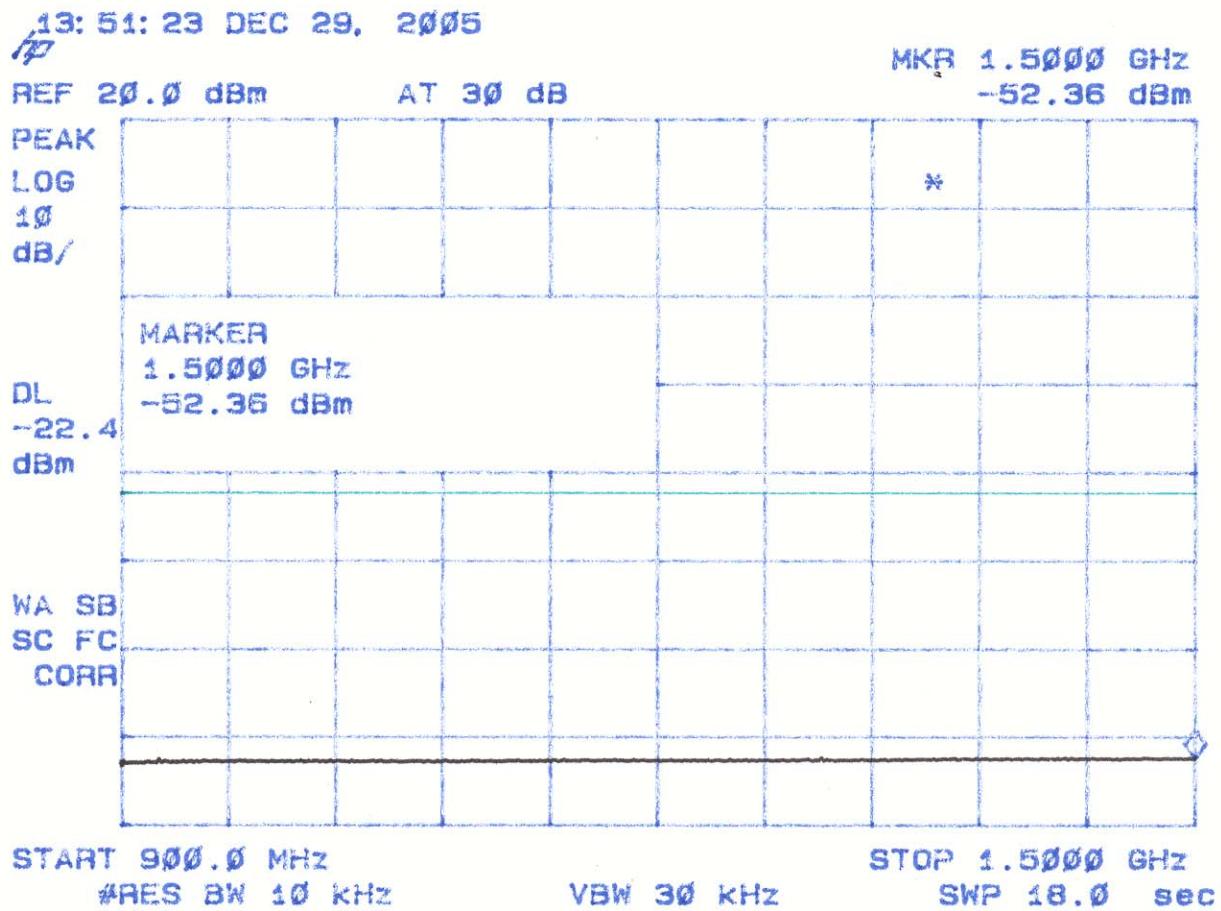


Figure 5g. Antenna Conducted Spurious Emissions, FCC 2.1051