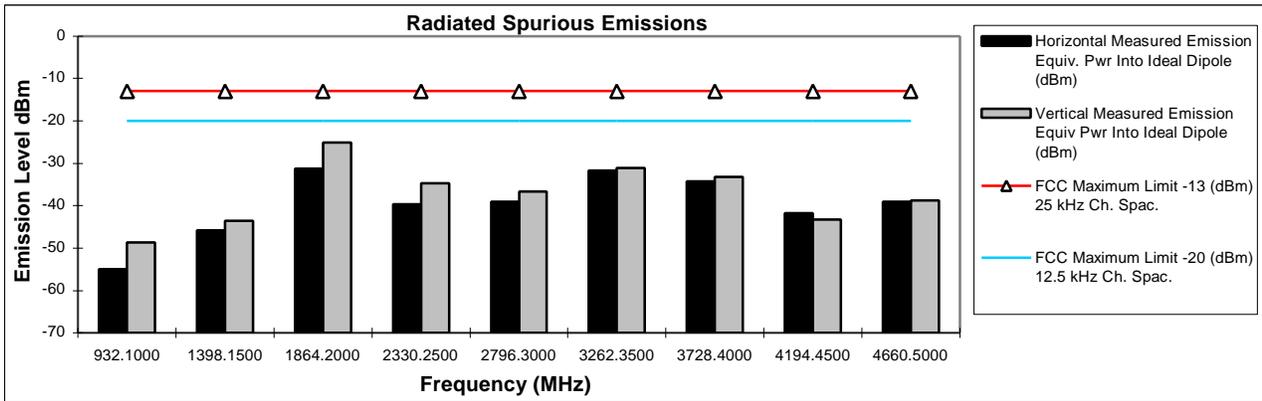


Transmitter Radiated Spurious Emissions: Astro Spectra UHF R3

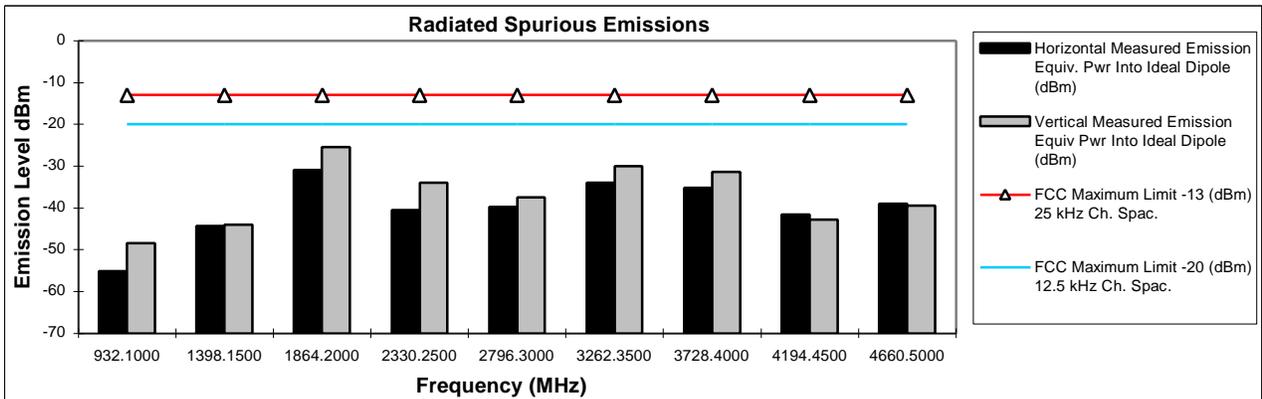
466.05 MHz - 110 W - 12.5 kHz CH. Spacing - Analog

Spur	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	FCC Maximum Limit -20 (dBm) 12.5 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
2X FUND	932.1000	-13	-20	-55.0	-48.8
3X FUND	1398.1500	-13	-20	-45.9	-43.6
4X FUND	1864.2000	-13	-20	-31.3	-25.2
5X FUND	2330.2500	-13	-20	-39.8	-34.7
6X FUND	2796.3000	-13	-20	-39.0	-36.8
7X FUND	3262.3500	-13	-20	-31.7	-31.2
8X FUND	3728.4000	-13	-20	-34.3	-33.2
9X FUND	4194.4500	-13	-20	-41.8	-43.3
10XFUND	4660.5000	-13	-20	-39.1	-38.7



466.05 MHz - 110 W - 25 kHz CH. Spacing - Digital

	Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	FCC Maximum Limit -20 (dBm) 12.5 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
2X FUND	932.1000	-13	-20	-55.1	-48.4
3X FUND	1398.1500	-13	-20	-44.3	-44.1
4X FUND	1864.2000	-13	-20	-31.0	-25.5
5X FUND	2330.2500	-13	-20	-40.6	-34.1
6X FUND	2796.3000	-13	-20	-39.7	-37.5
7X FUND	3262.3500	-13	-20	-33.9	-30.0
8X FUND	3728.4000	-13	-20	-35.2	-31.4
9X FUND	4194.4500	-13	-20	-41.6	-42.8
10XFUND	4660.5000	-13	-20	-39.0	-39.5



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.