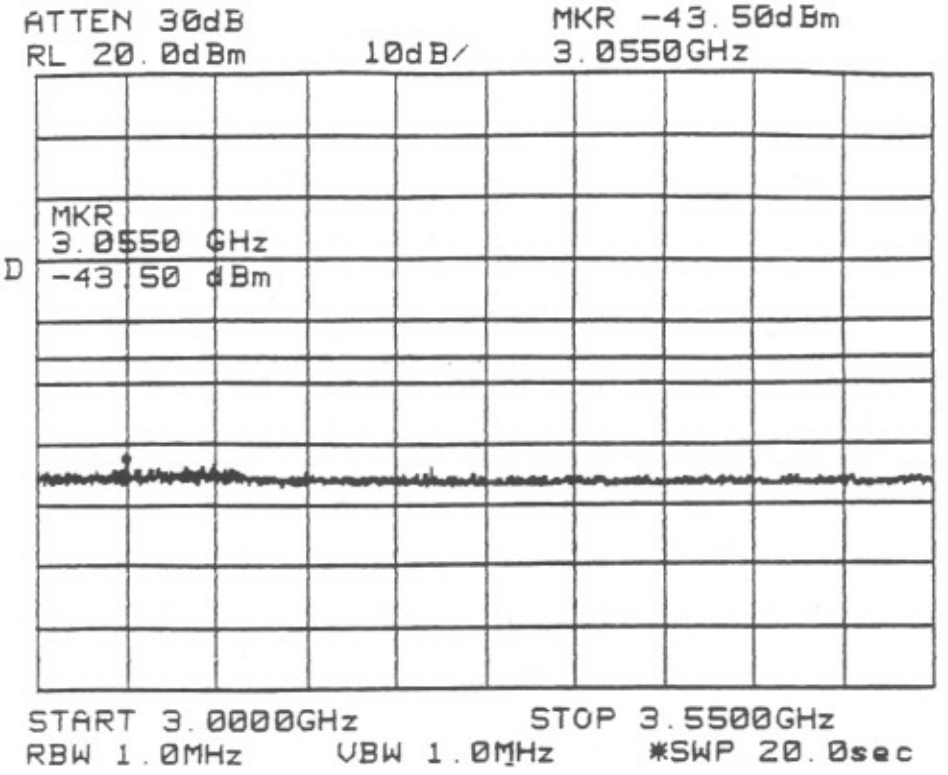

Figure 3-21 Spurious Emissions At The Antenna Port, 3,000 to 3,550 MHz

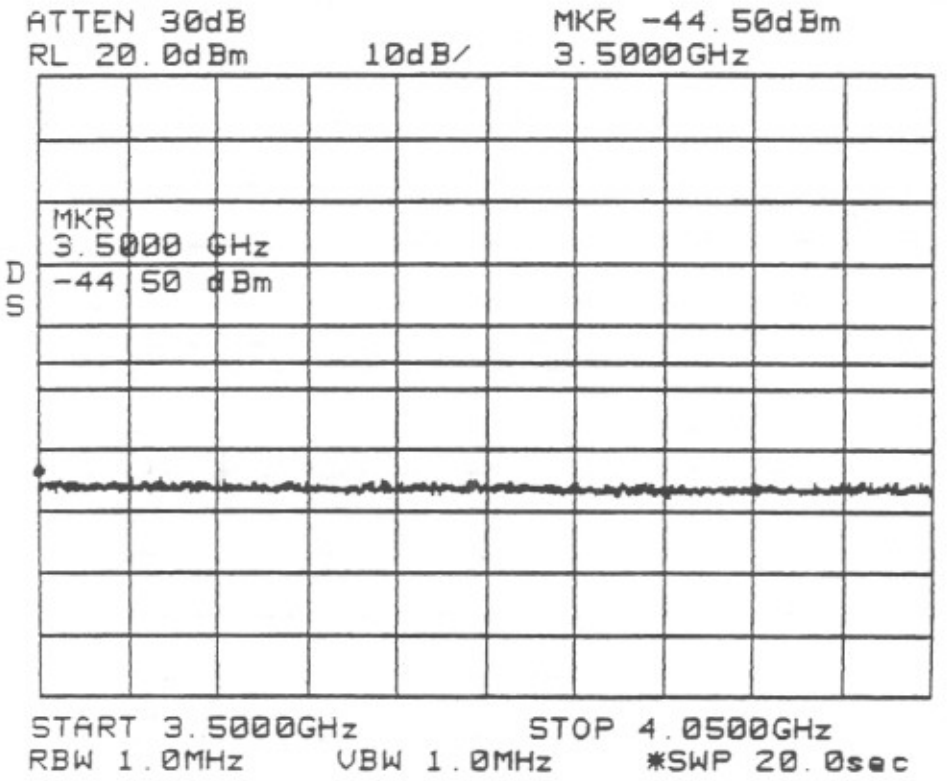

Figure 3-22 Spurious Emissions At The Antenna Port, 3,500 to 4,050 MHz

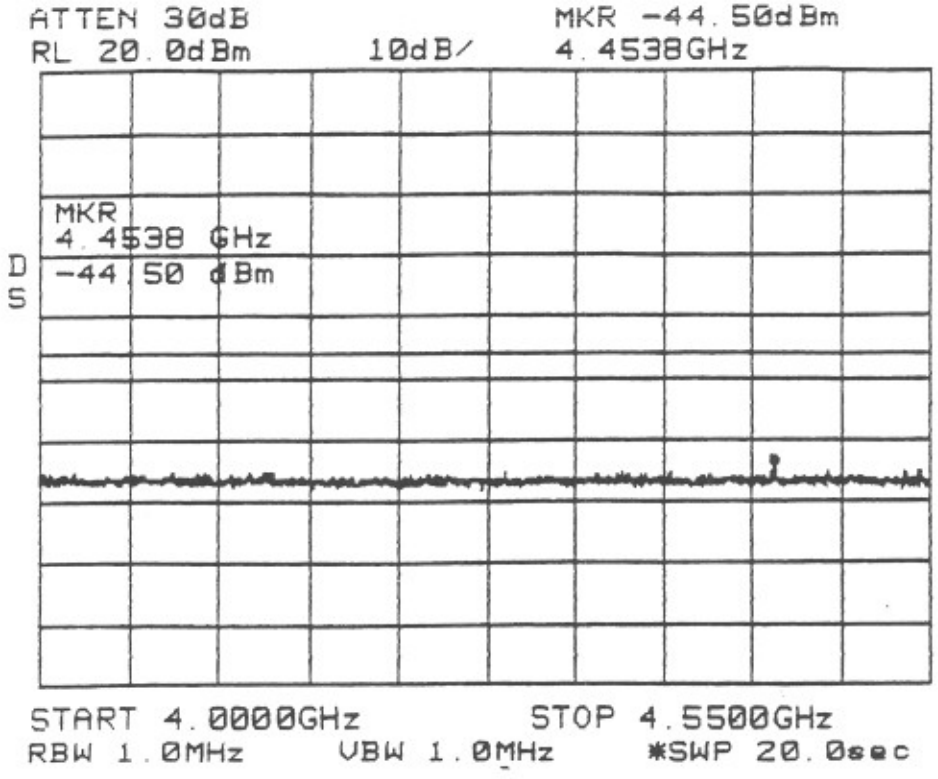

Figure 3-23 Spurious Emissions At The Antenna Port, 4.000 to 4,550 MHz

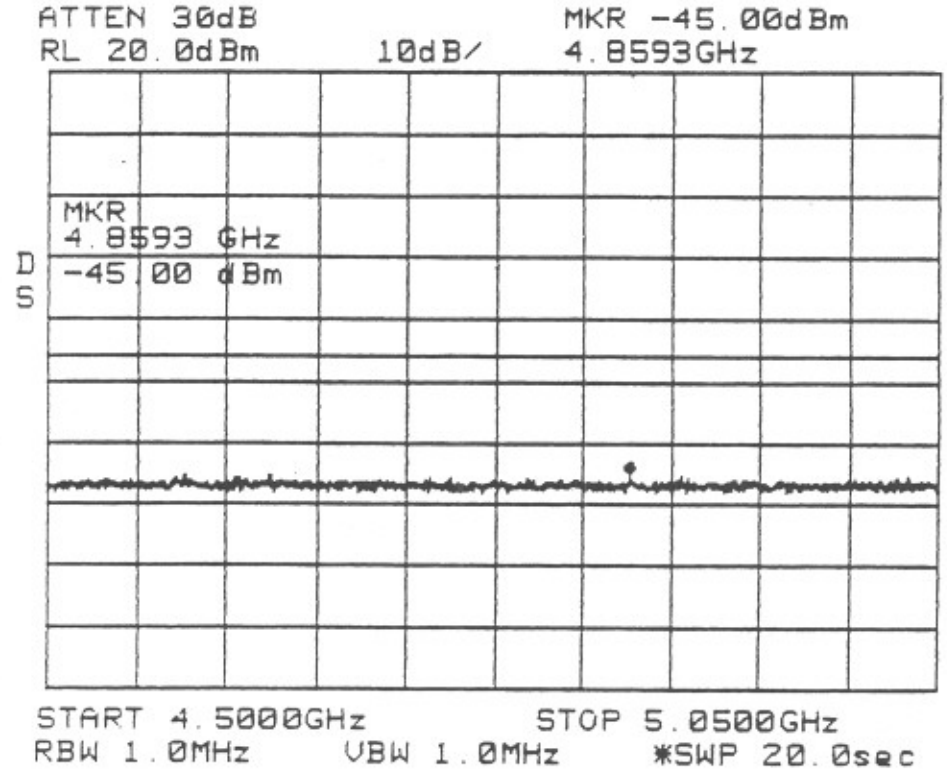

Figure 3-24 Spurious Emissions At The Antenna Port, 4,500 to 5,050 MHz

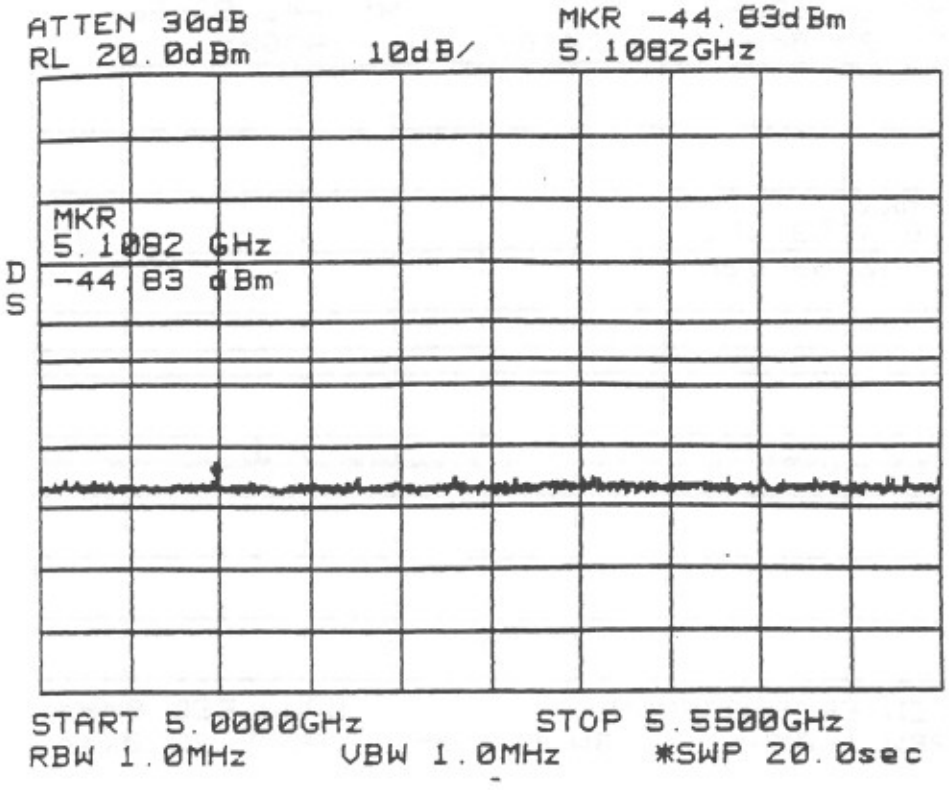

Figure 3-25 Spurious Emissions At The Antenna Port, 5,000 to 5,550 MHz

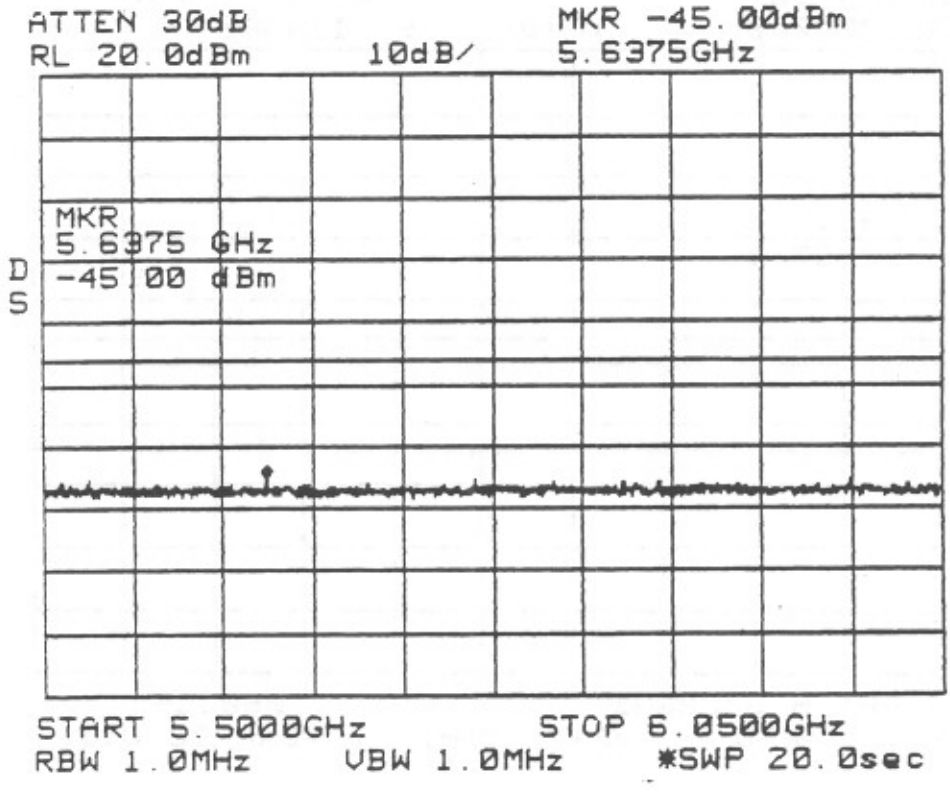

Figure 3-26 Spurious Emissions At The Antenna Port, 5,500 to 6,050 MHz

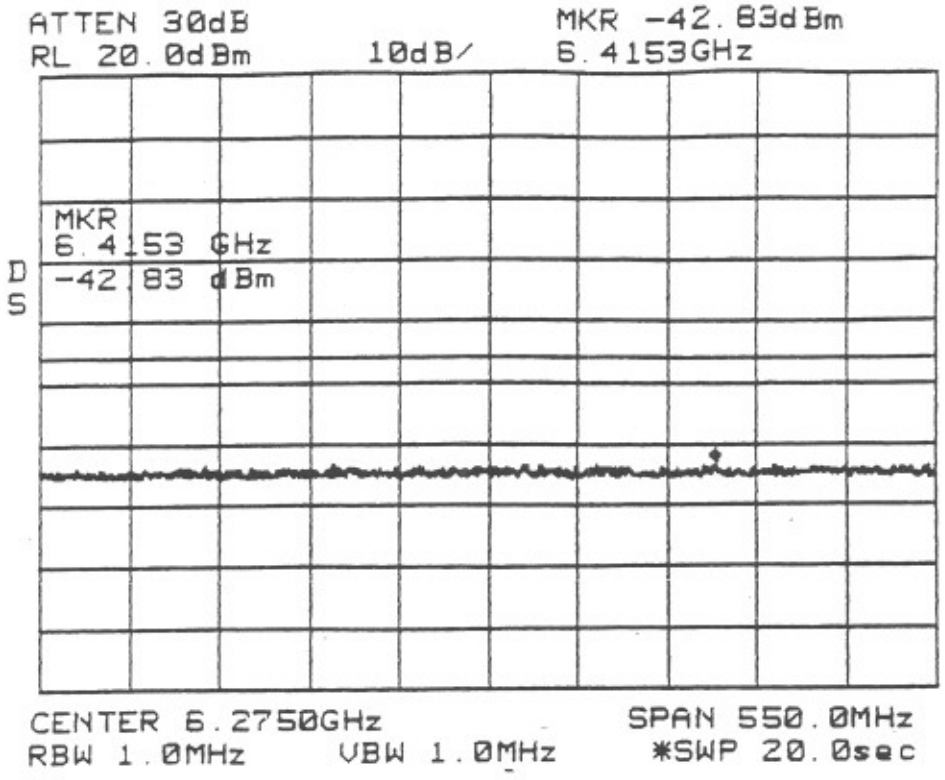

Figure 3-27 Spurious Emissions At The Antenna Port, 6,000 to 6,550 MHz

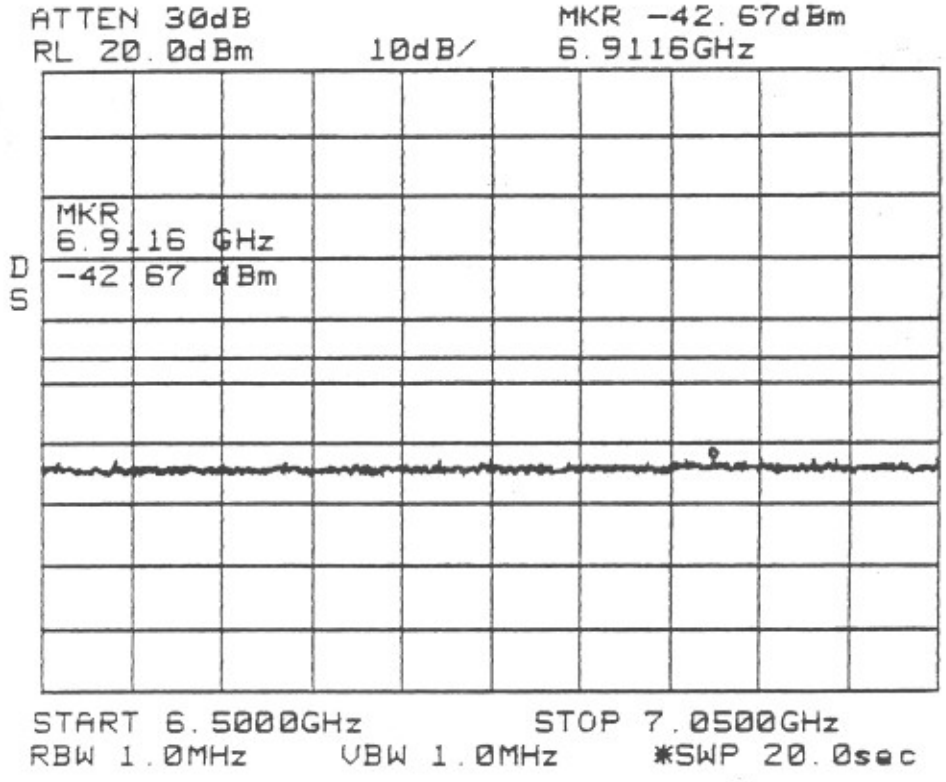

Figure 3-28 Spurious Emissions At The Antenna Port, 6,500 to 7,050 MHz

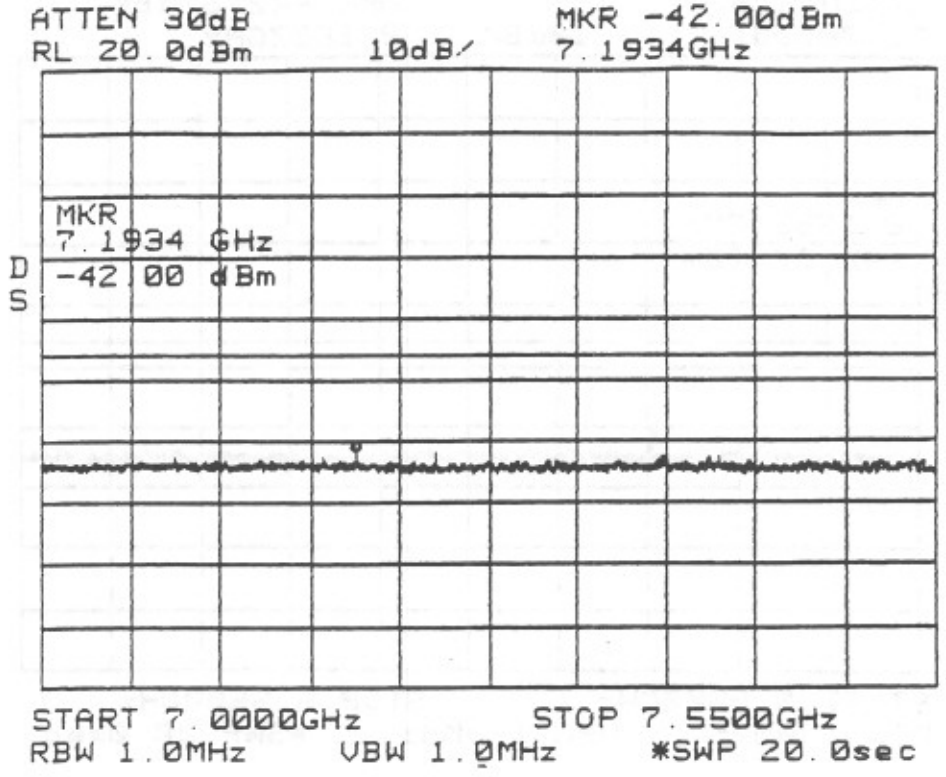

Figure 3-29 Spurious Emissions At The Antenna Port, 7,000 to 7,550 MHz

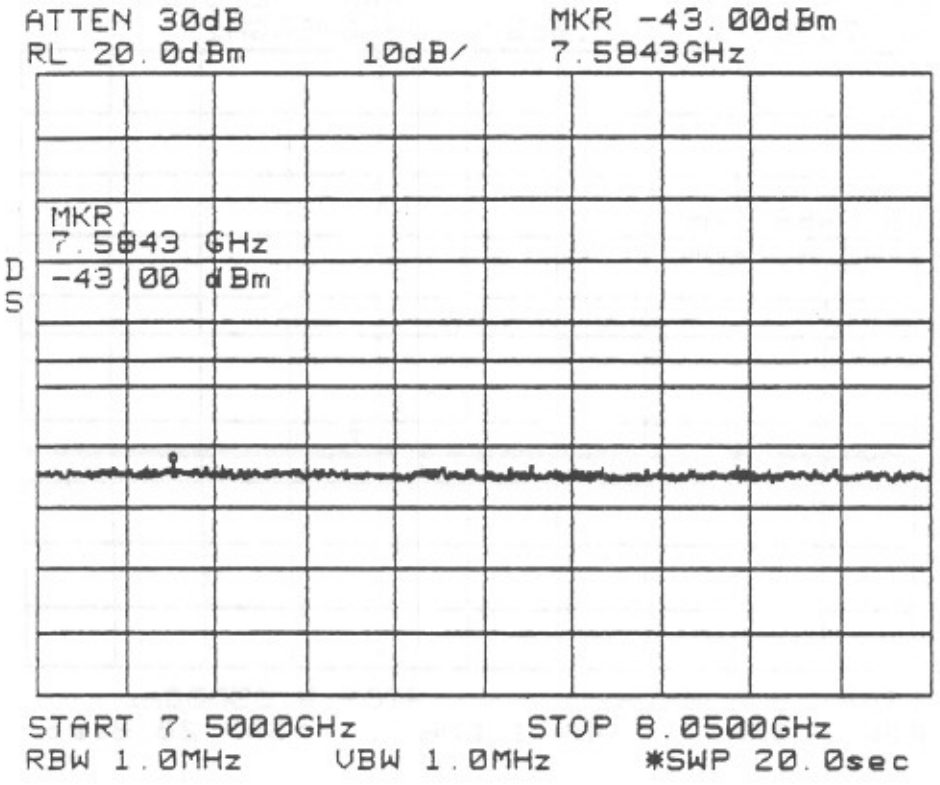

Figure 3-30 Spurious Emissions At The Antenna Port, 7,500 to 8,050 MHz

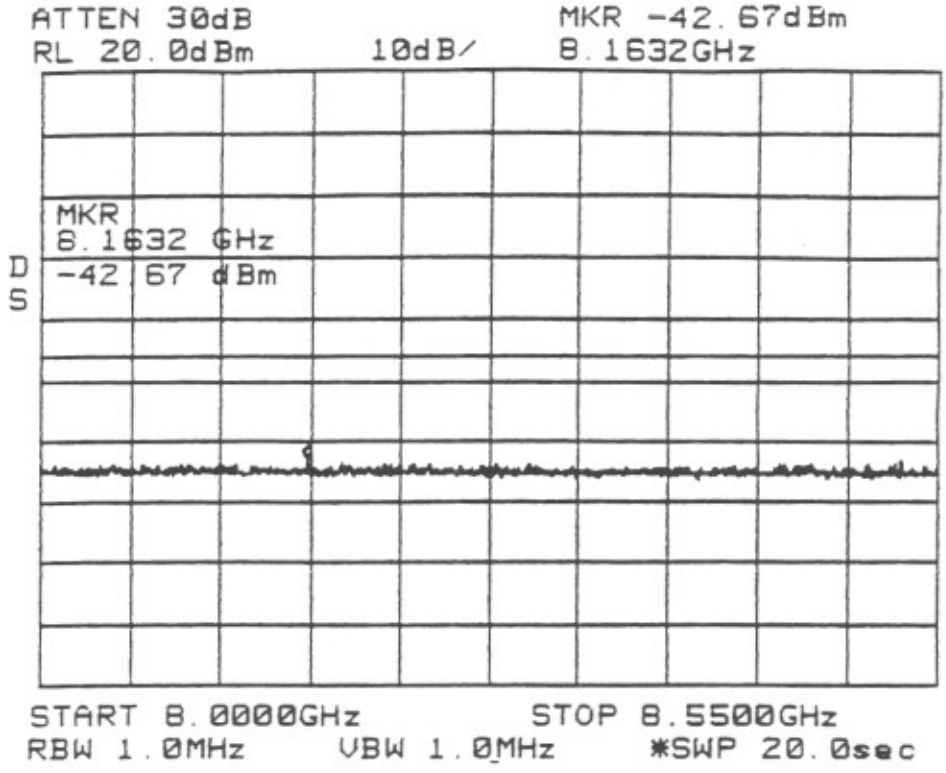

Figure 3-31 Spurious Emissions At The Antenna Port, 8,000 to 8,550 MHz

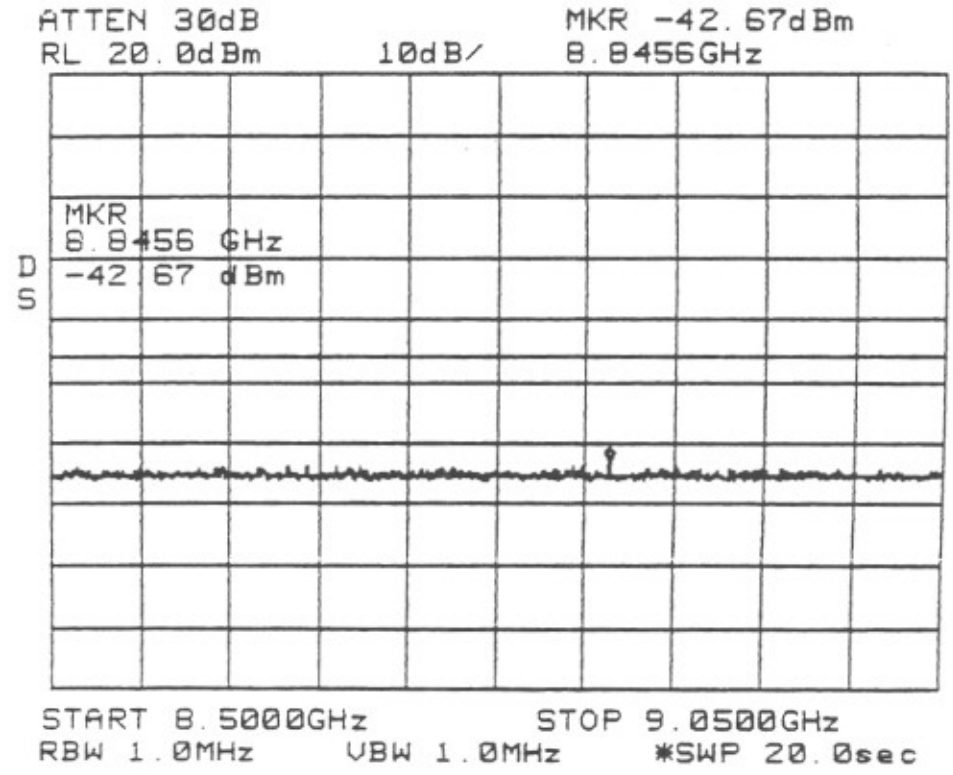

Figure 3-32 Spurious Emissions At The Antenna Port, 8,500 to 9,050 MHz

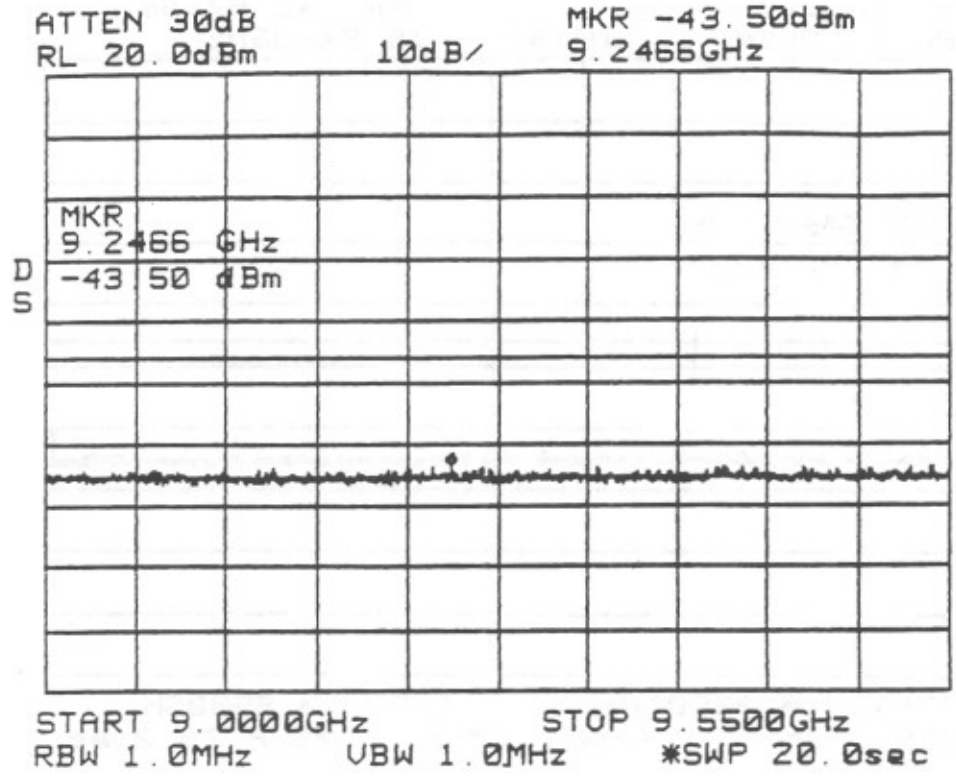

Figure 3-33 Spurious Emissions At The Antenna Port, 9.000 to 9,550 MHz

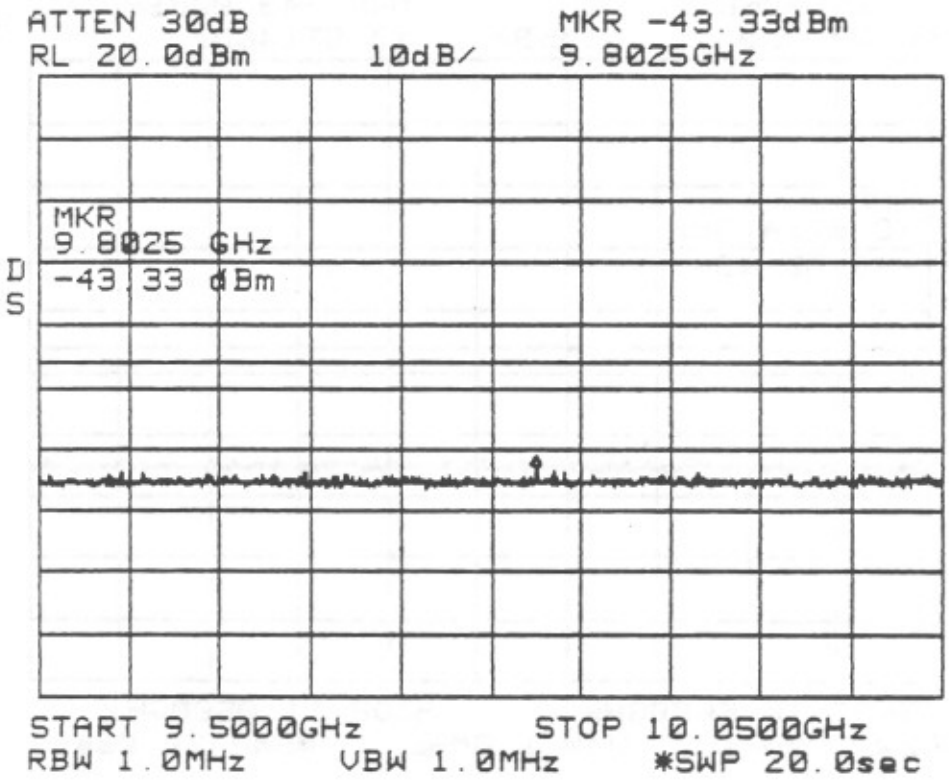

Figure 3-34 Spurious Emissions At The Antenna Port, 9,500 to 10,050 MHz

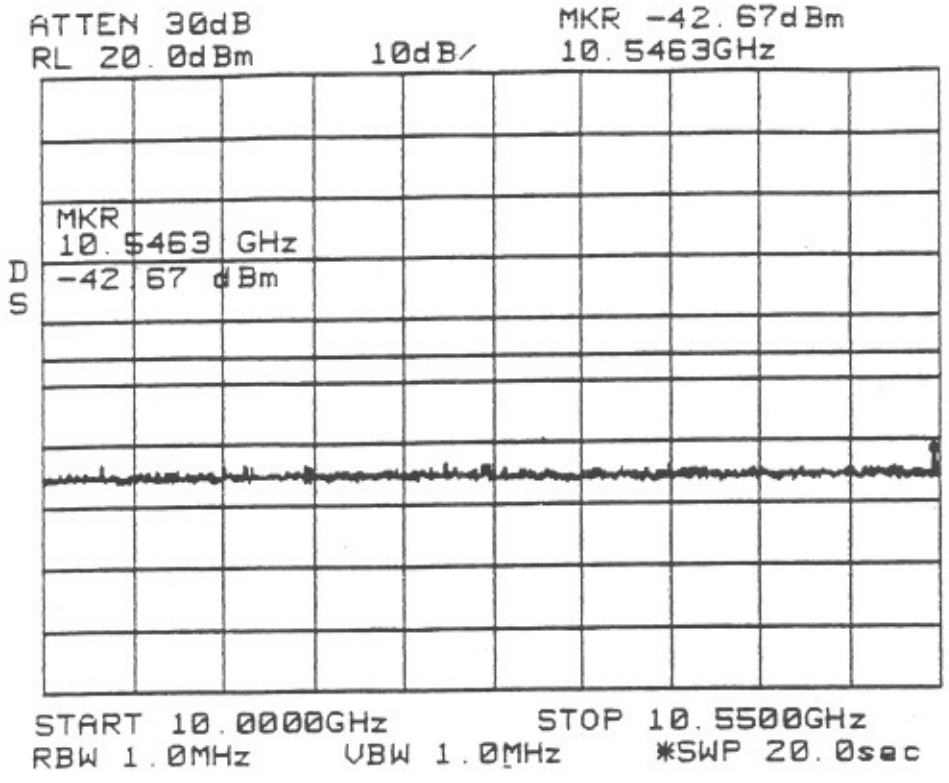

Figure 3-35 Spurious Emissions At The Antenna Port, 10,000 to 10,550 MHz

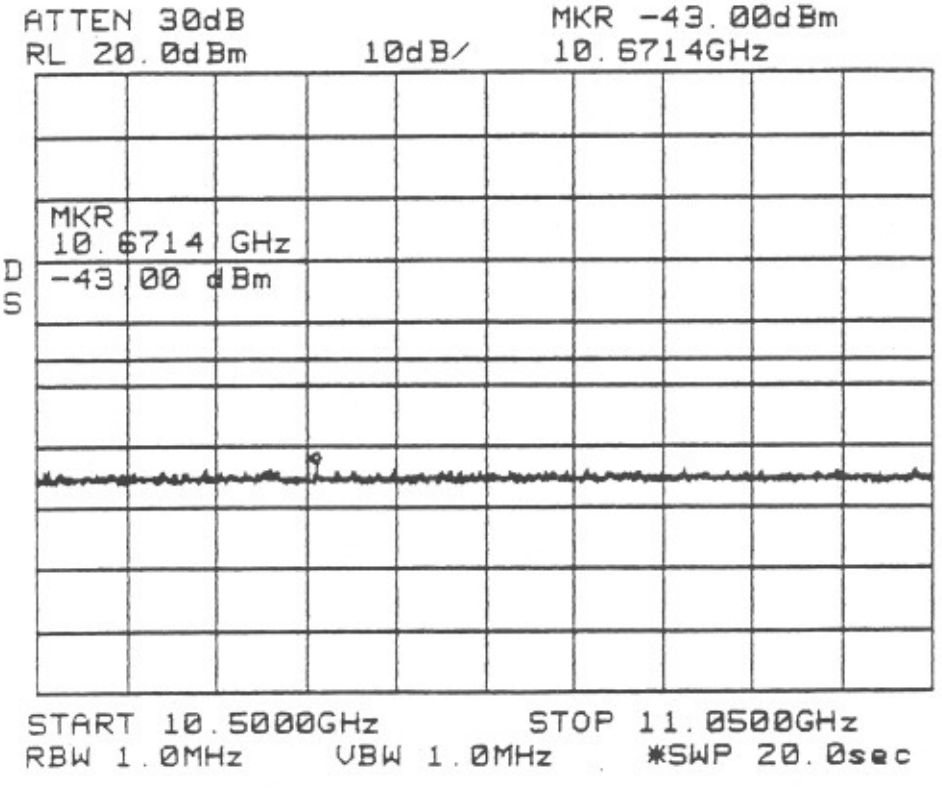

Figure 3-36 Spurious Emissions At The Antenna Port, 10,500 to 11,050 MHz

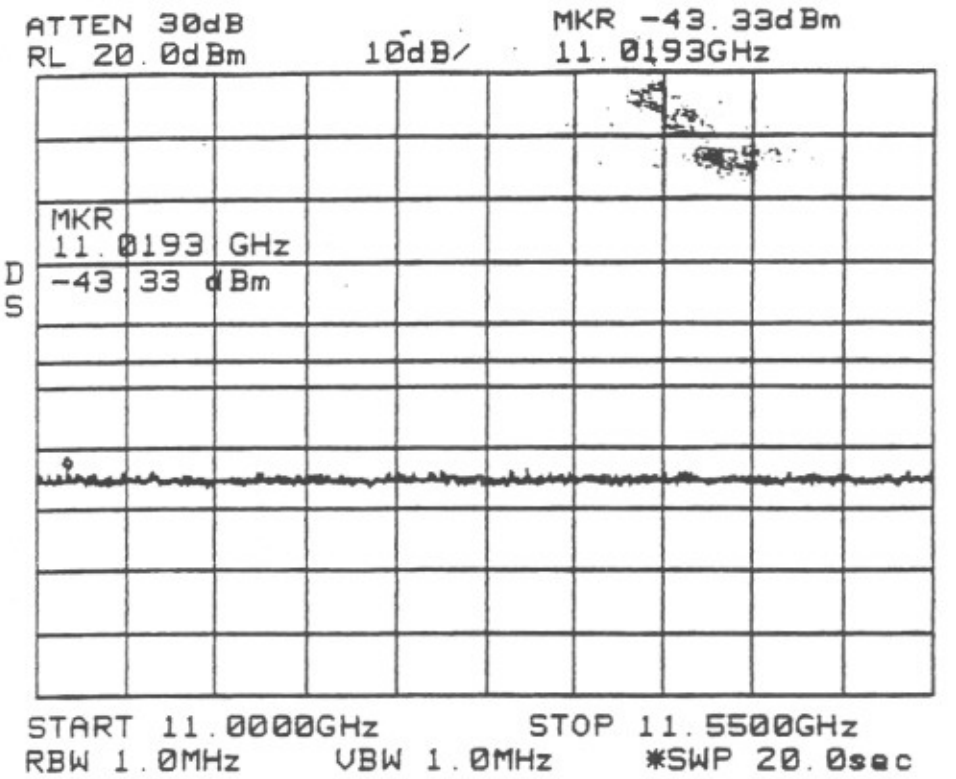

Figure 3-37 Spurious Emissions At The Antenna Port, 11,000 to 11,550 MHz

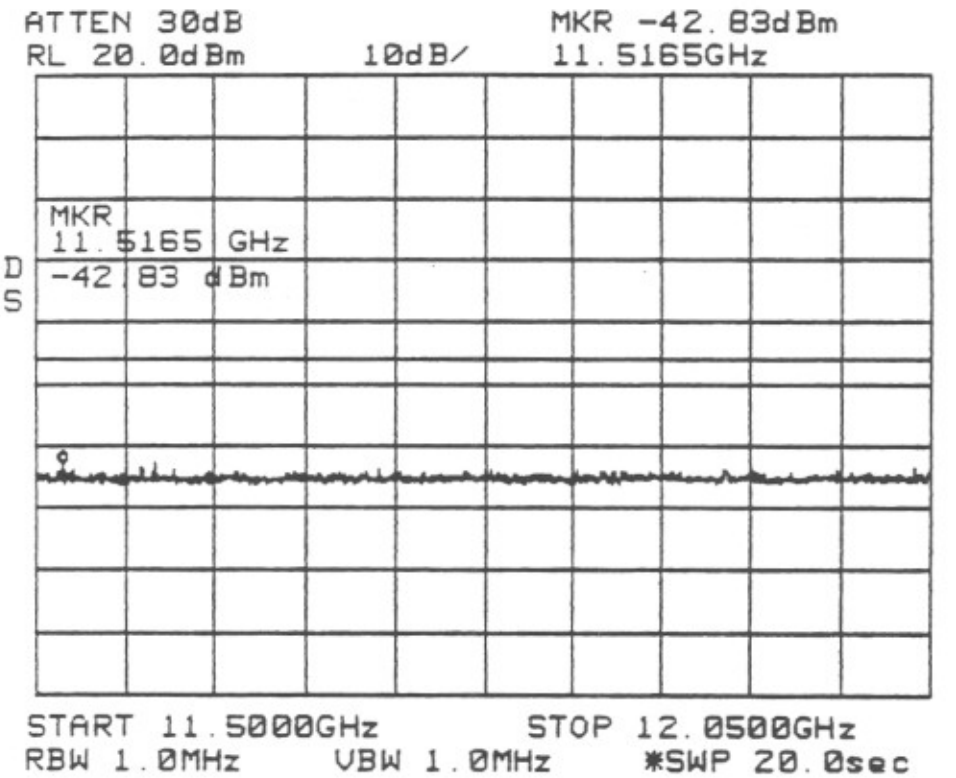

Figure 3-38 Spurious Emissions At The Antenna Port, 11,500 to 12,050 MHz

3.5 Field Strength of Spurious Radiation (2.993)

The DME and test equipment were connected as shown in the Figure 3-39.
Data was taken with the DME tracking channels 1X and 126X. The unit was scanned using a linearly polarized antenna in the horizontally polarized position. Broad band emissions were recorded from 150 KHZ to 1215 MHz and are included in Figures 3-40 through 3-42. Figures 3-43 and 3-44 are broad band plots centered on the DME's transmit frequency at channels 1X and 126X. Narrow band emissions were recorded from 150 KHZ to 12 GHz and are included in Figures 3-45 through 3-50. Figures 3-51 and 3-52 are narrow band plots centered on the DME's transmit frequency at channels 1X and 126X

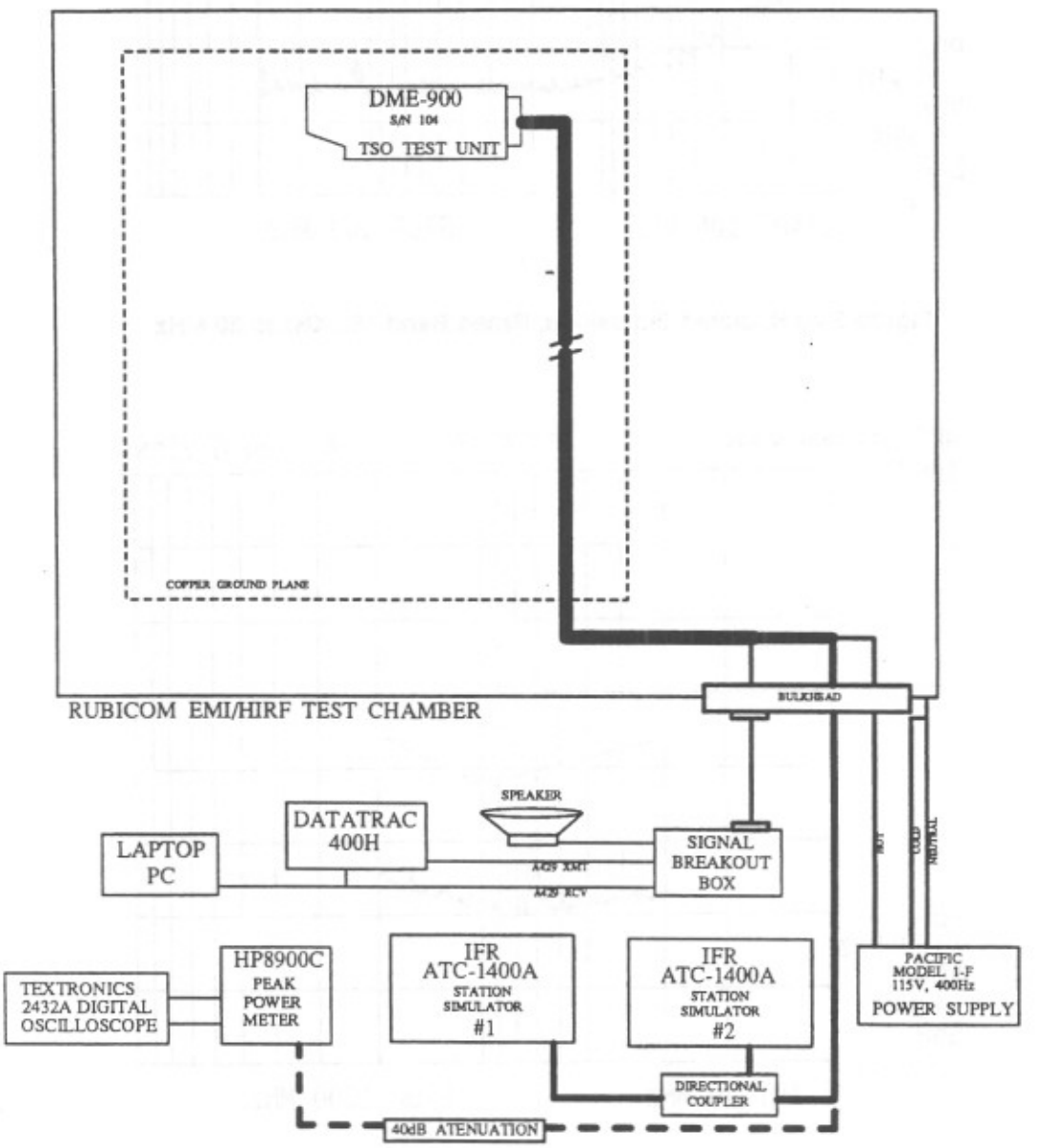

Figure 3-39 Radiated Emissions Equipment Set-up

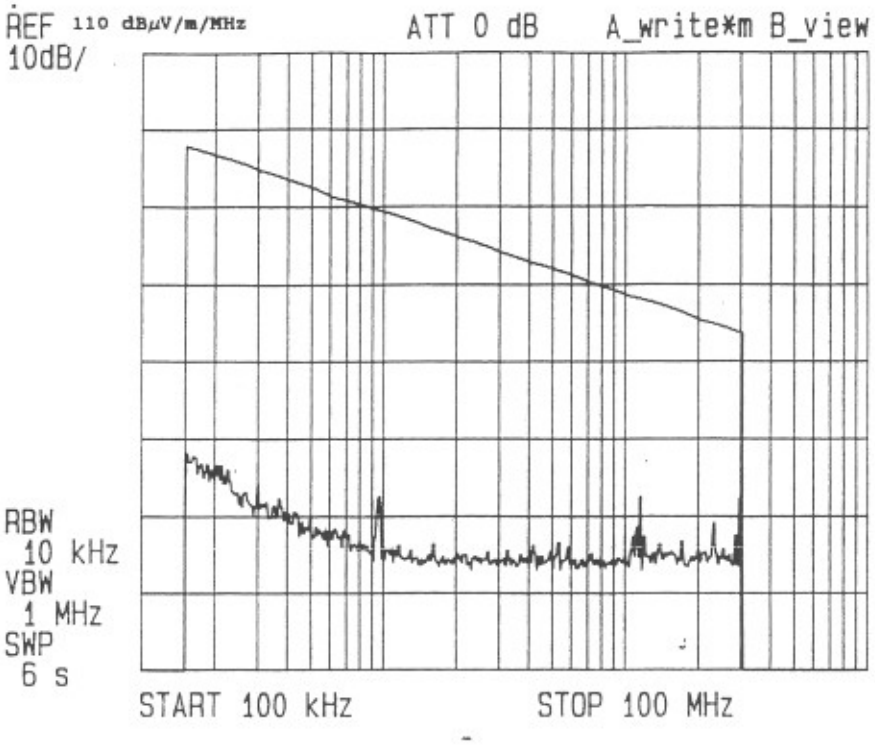

Figure 3-40 Radiated Emissions, Broad Band 150 KHz to 30 MHz

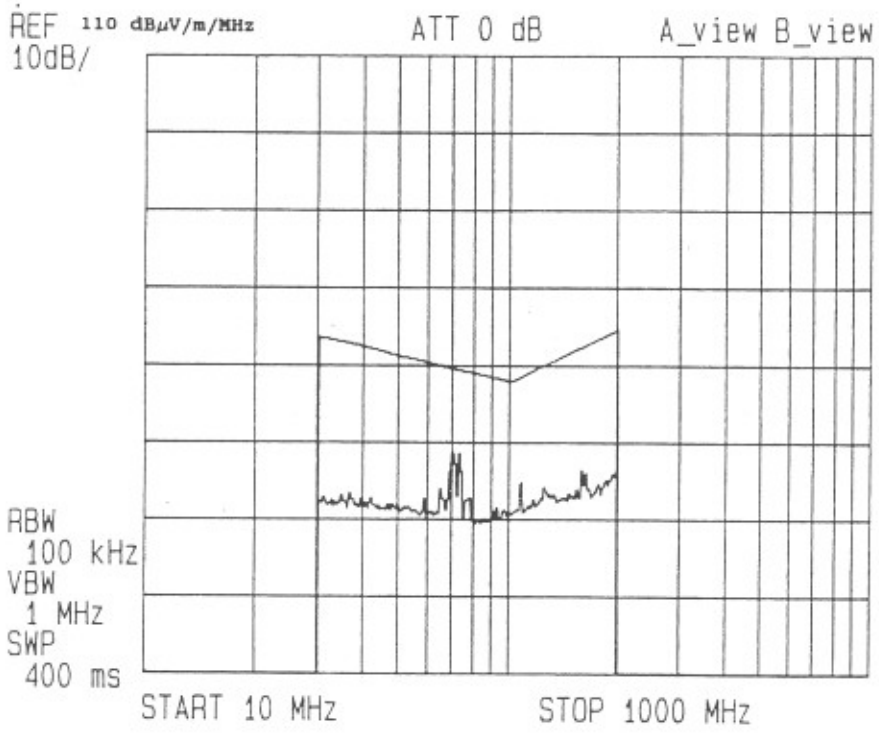

Figure 3-41 Radiated Emissions, Broad Band 30 to 200 MHz

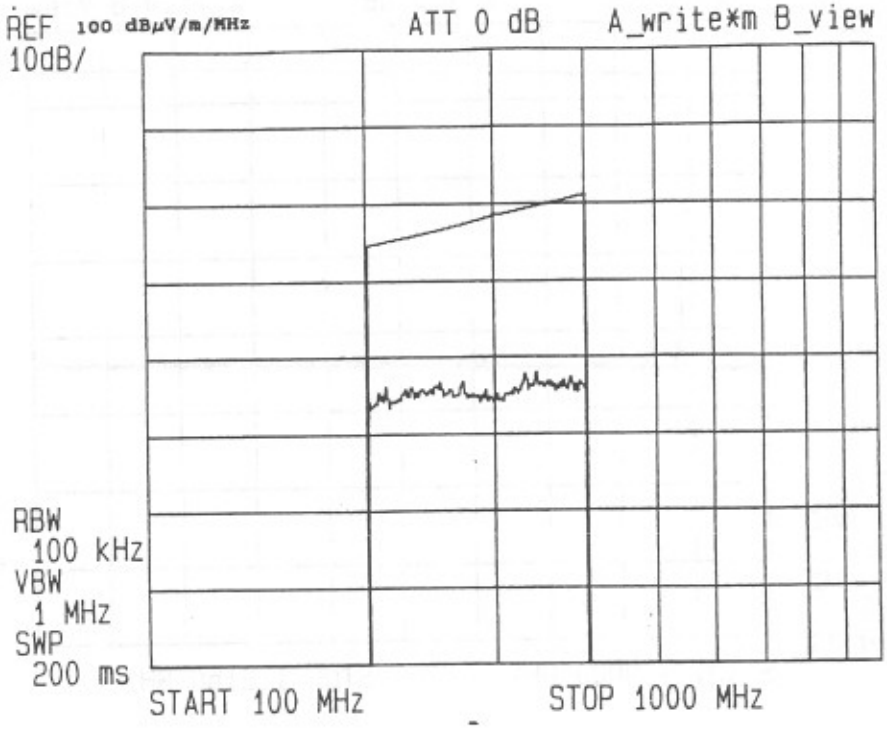

Figure 3-42 Radiated Emissions, Broad Band 200 to 400 MHz

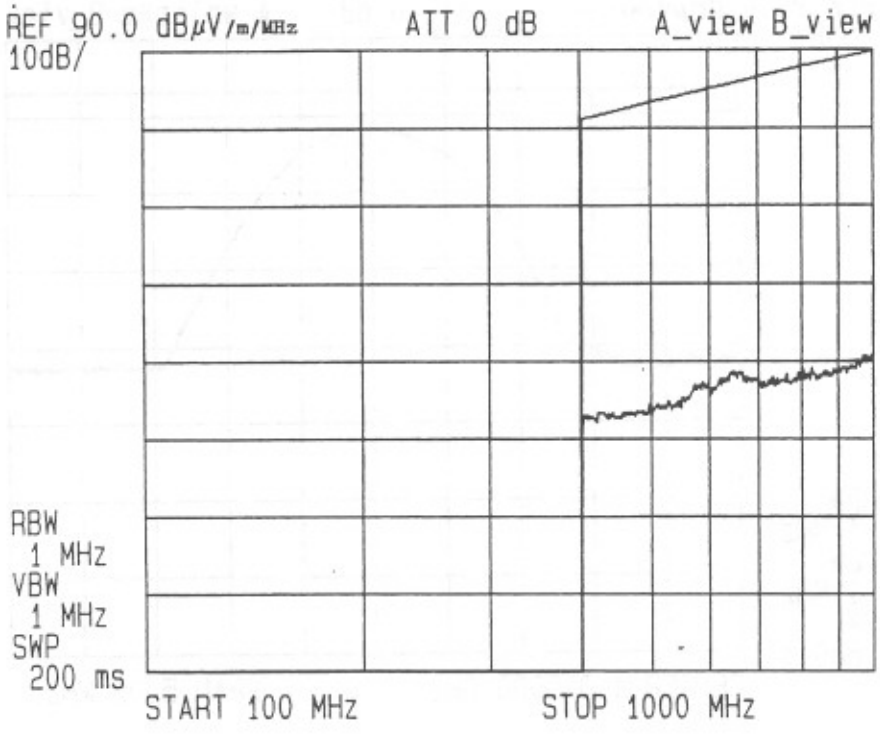

Figure 3-43 Radiated Emissions, Broad Band 400 to 1,000 MHz

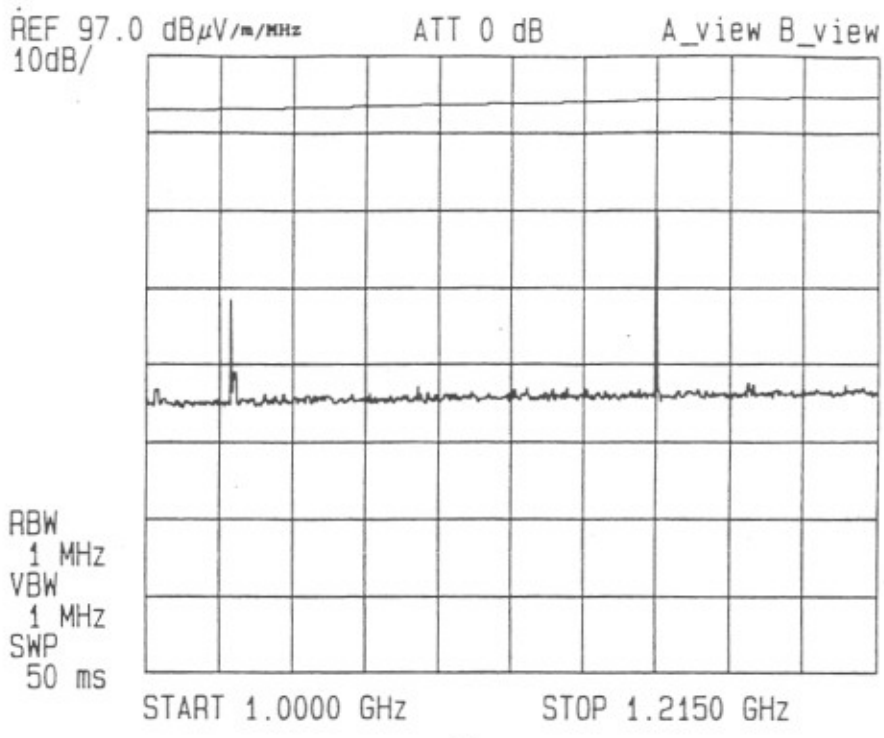

Figure 3-44 Radiated Emissions, Broad Band 1,000 to 1,215 MHz

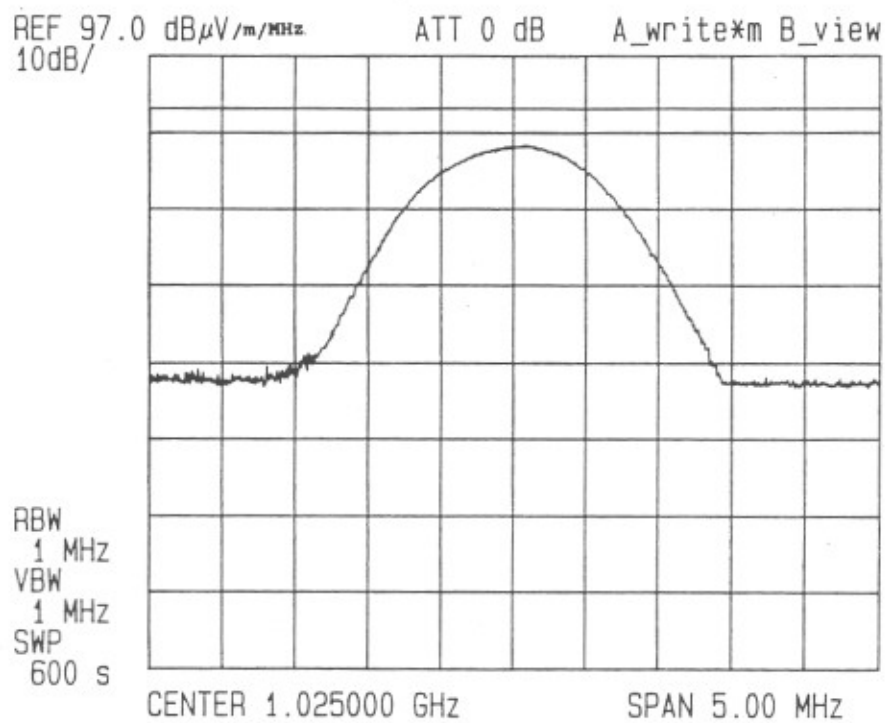

Figure 3-45 Radiated Emissions, Broad Band Centered on Channel 1X

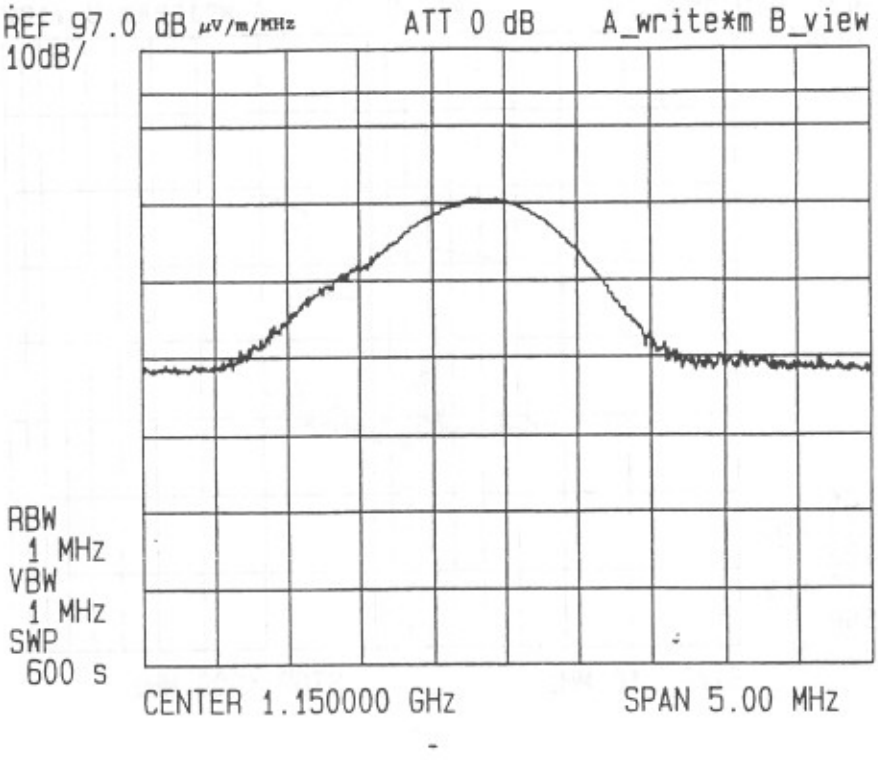

Figure 3-46 Radiated Emissions, Broad Band Centered on Channel 126X MHz

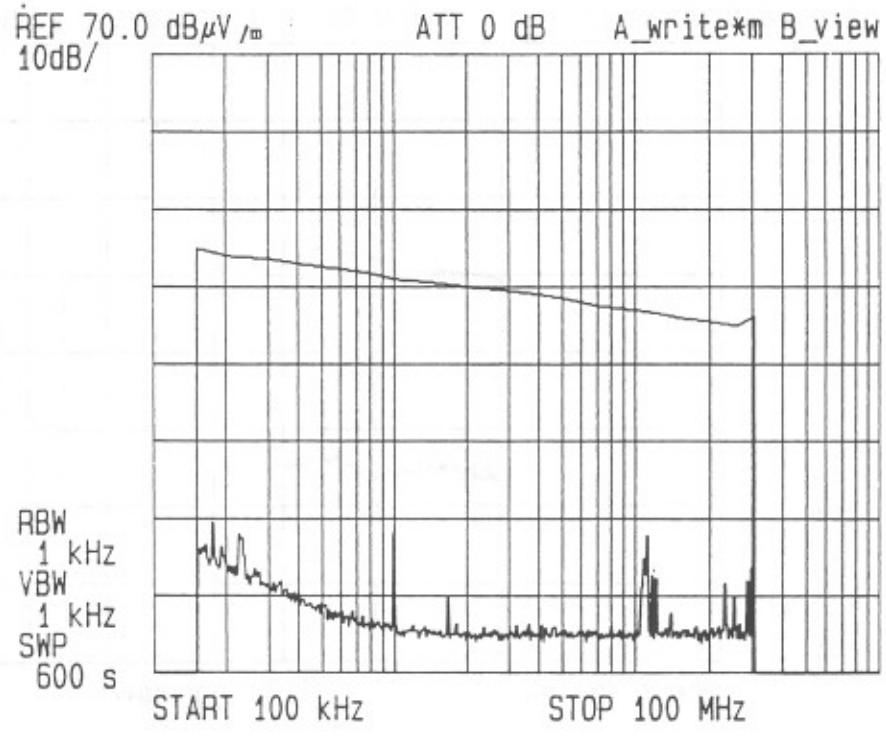

Figure 3-47 Radiated Emissions, Narrow Band 150 KHz to 30 MHz

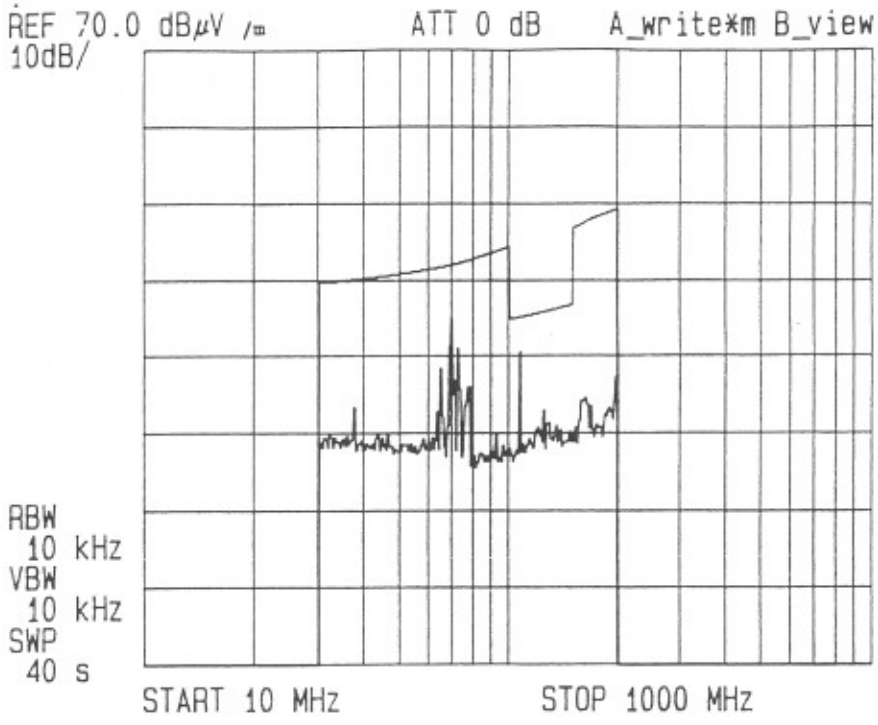

Figure 3-48 Radiated Emissions, Narrow Band 30 to 200 MHz

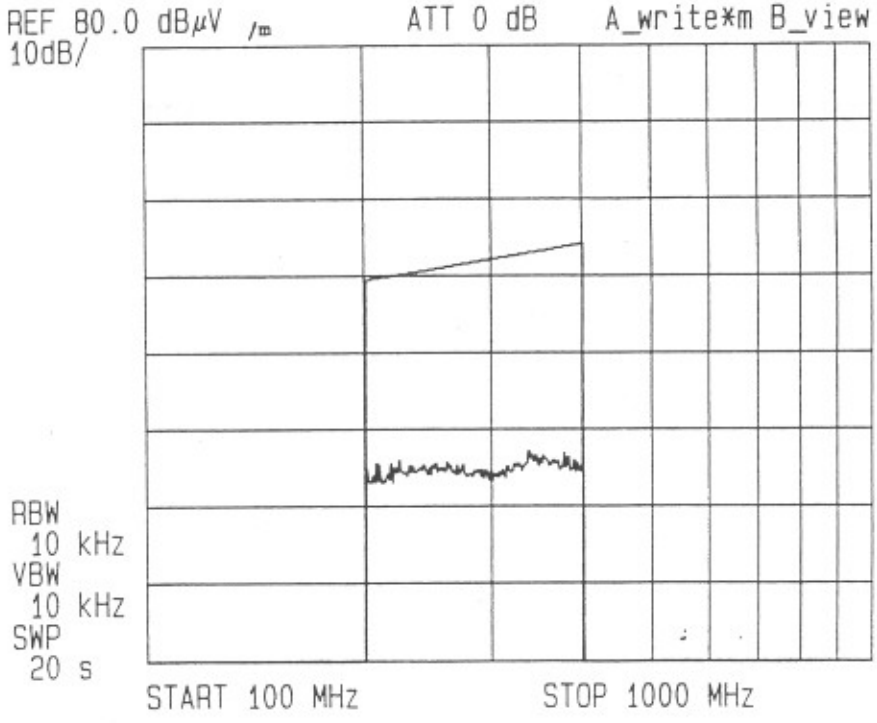

Figure 3-49 Radiated Emissions, Narrow Band 200 to 400 MHz

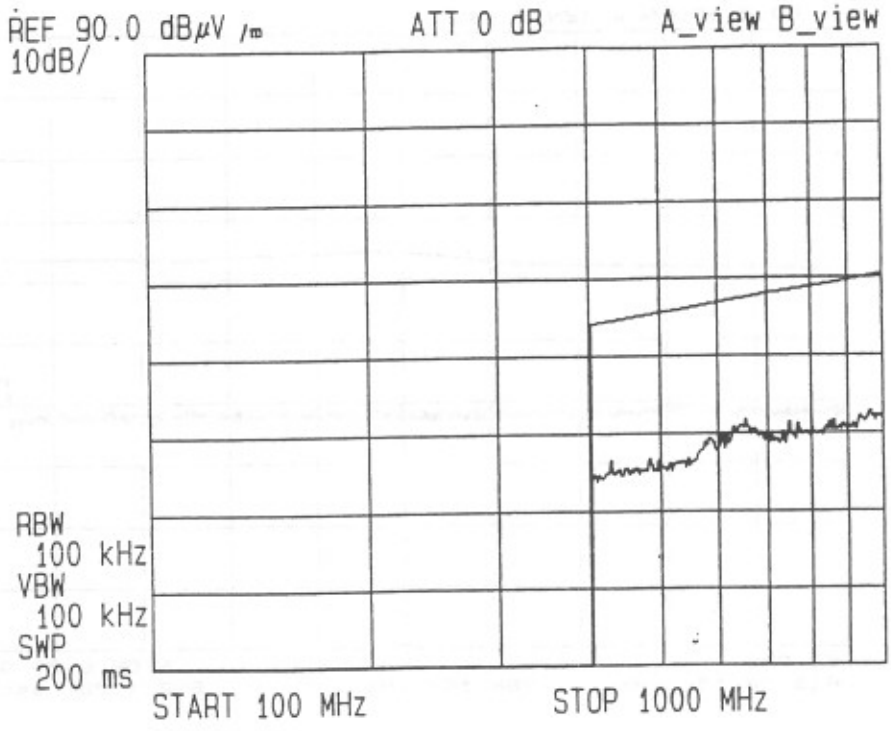

Figure 3-50 Radiated Emissions, Narrow Band 400 to 1,000 MHz

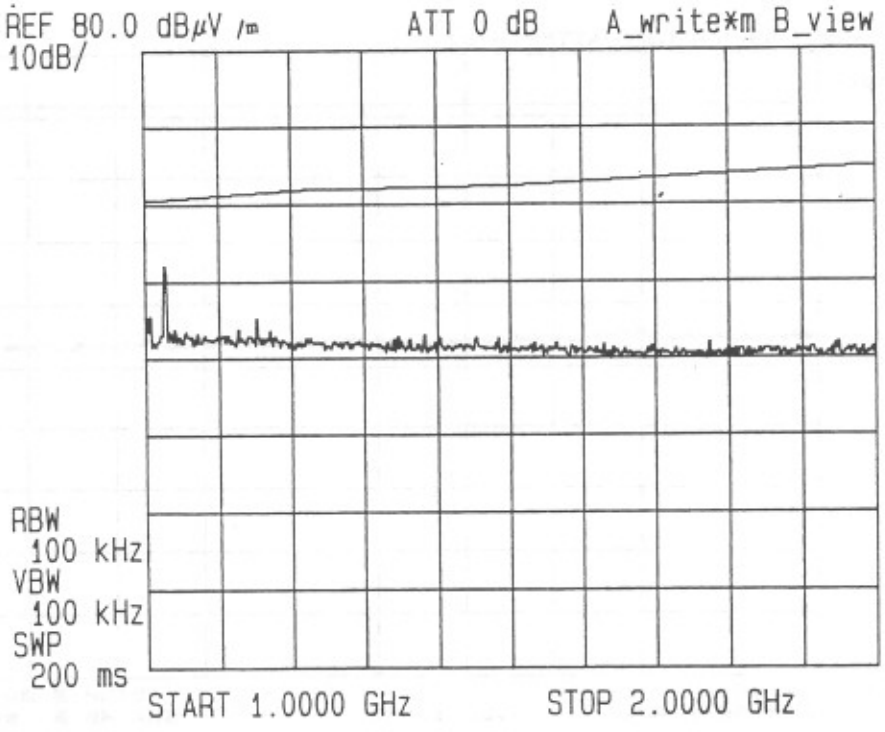

Figure 3-51 Radiated Emissions, Narrow Band 1.0 to 2.0 GHz

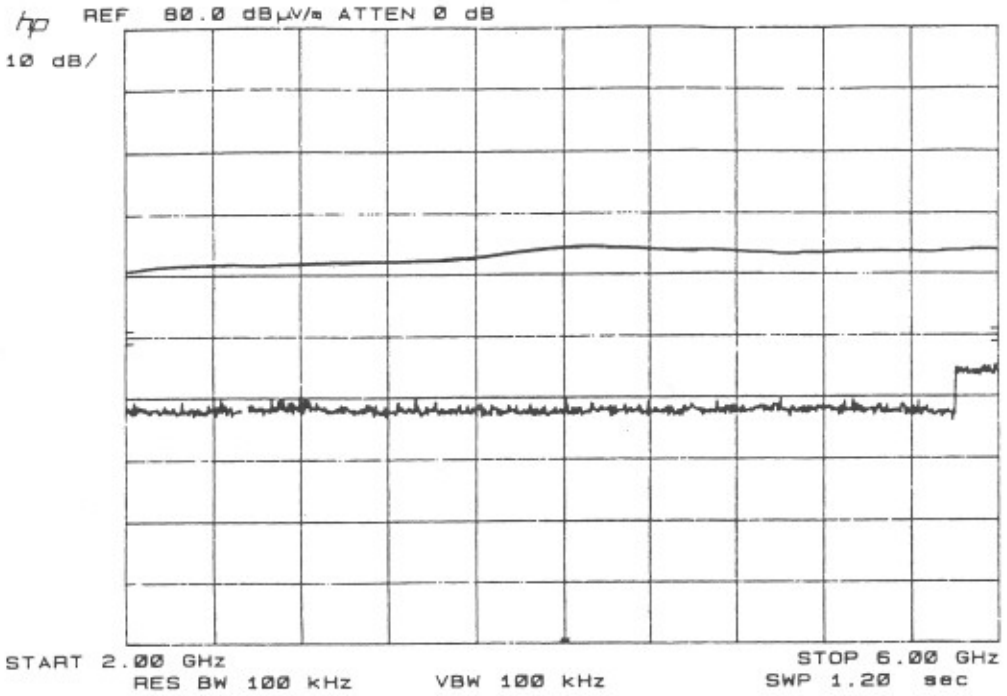

Figure 3-52 Radiated Emissions, Narrow Band 2.0 to 6.0 GHz

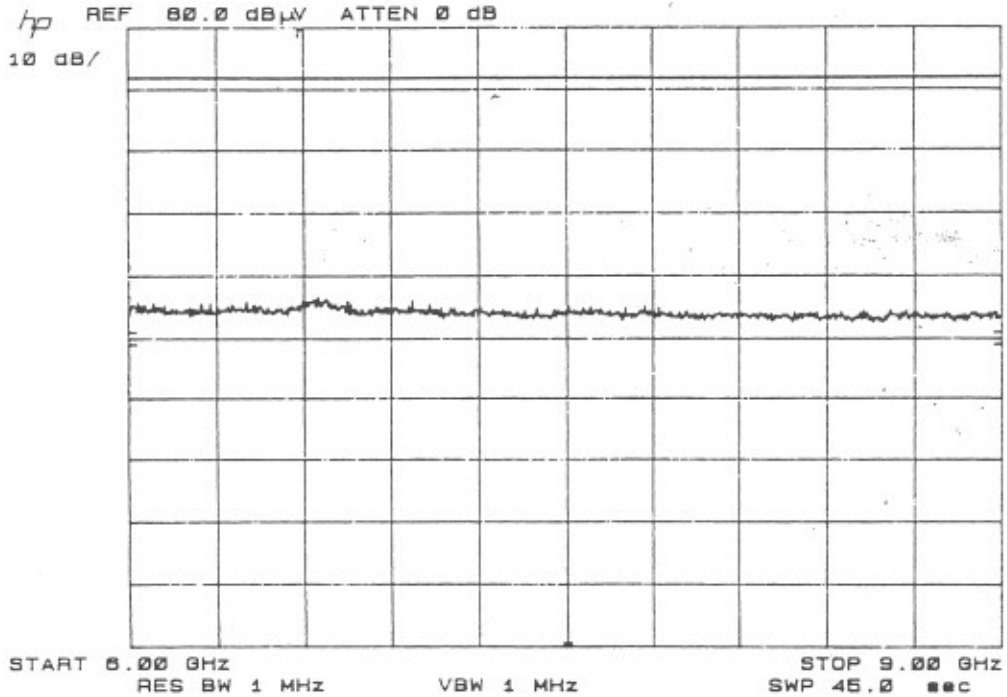

Figure 3-53 Radiated Emissions, Narrow Band 6.0 GHz to 9.0 GHz