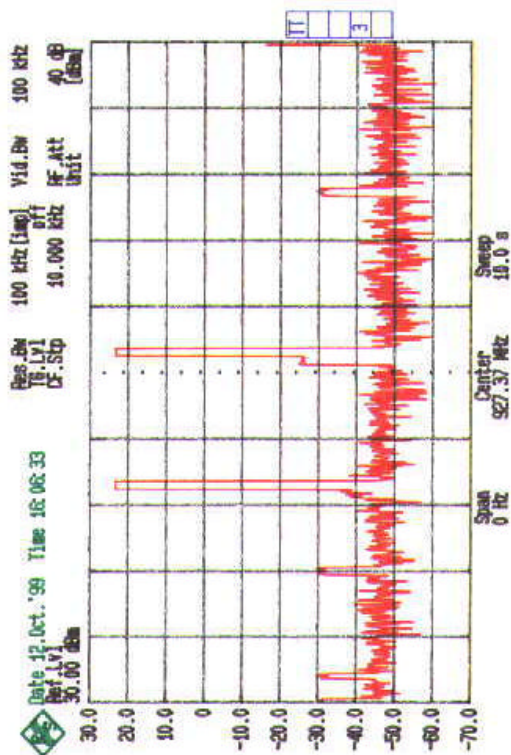
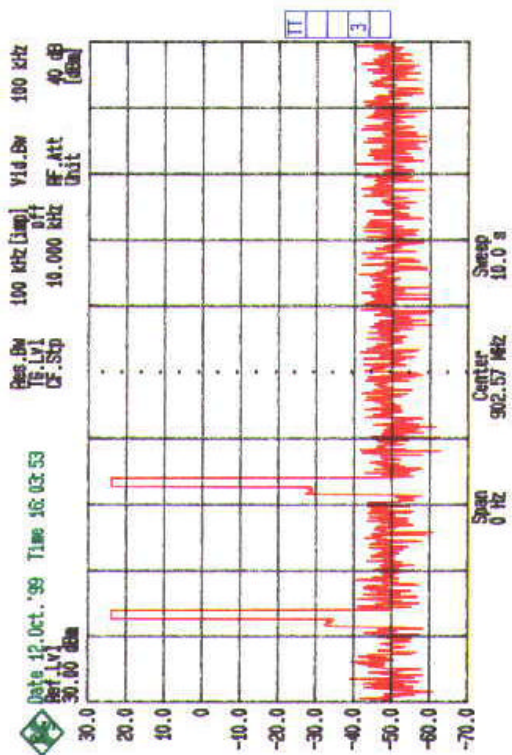
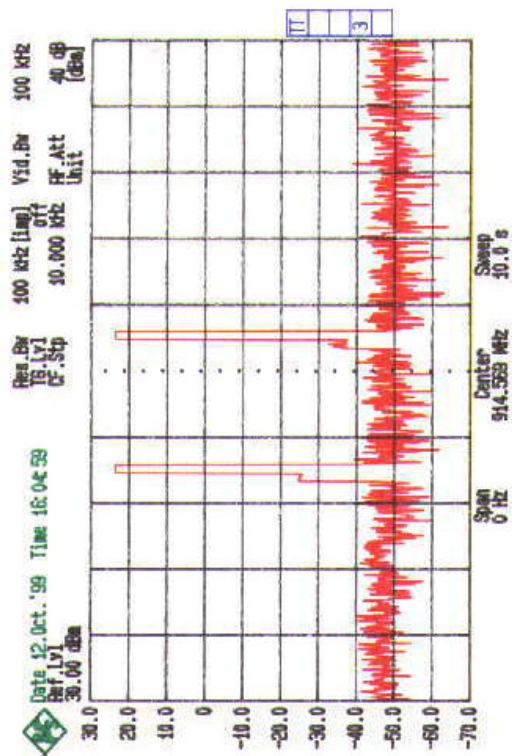
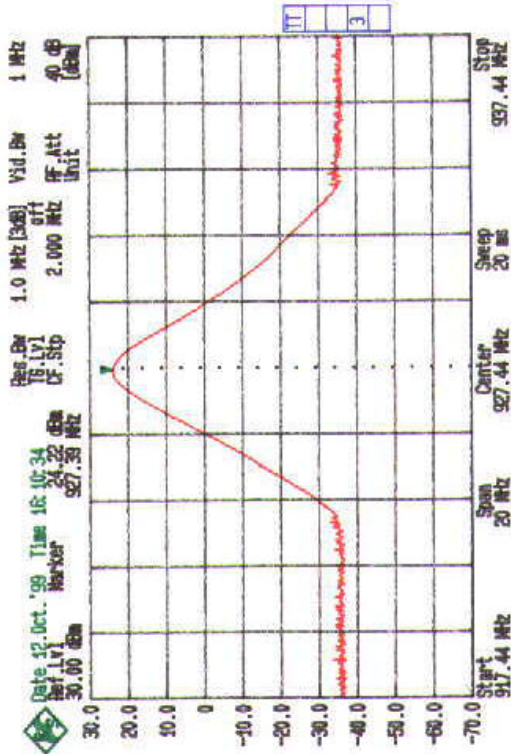
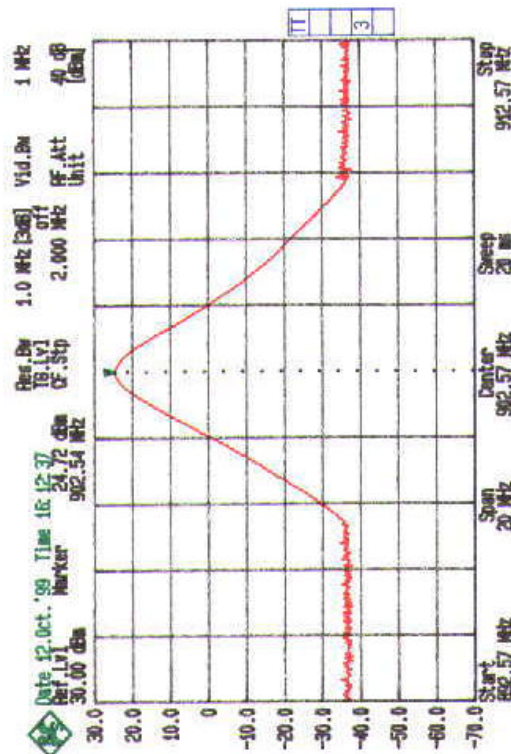
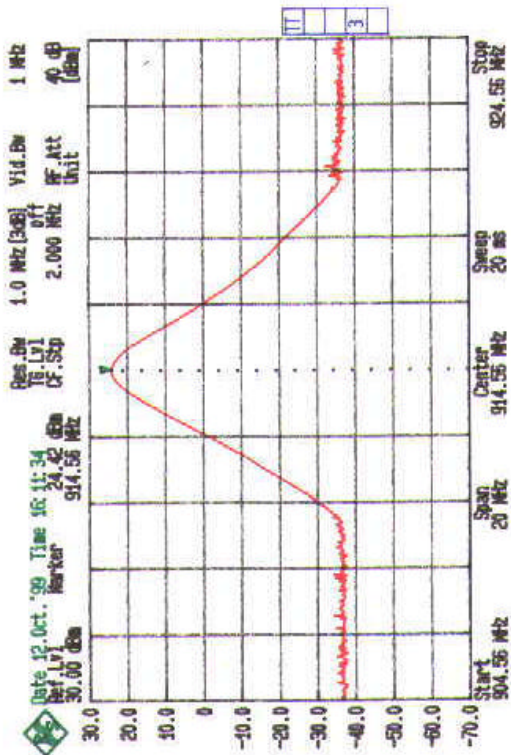


Band Edge Measurement



Dwell Time Measurements (Three Channels)

Channel	Frequency (MHz)
Low	902.5 MHz
Medium	914.5 MHz
High	927.5 MHz



5 TEST DATA AND RESULTS (continued)

5.3 Channel Bandwidth Measurement

5.3.1 Procedure

The EUT was put into a continuous transmit mode. The analyzer was set to a 1 MHz span around the selected channel with 100 kHz resolution bandwidth and 100 kHz video bandwidth. The analyzer was put into max hold mode and the peak value measured. A threshold line was put 20 dB below the peak. Two markers were set at the intersection of the signal and the 20 dB line. The frequency difference between the markers was recorded as the 20 dB bandwidth. A 6 dB external attenuator was used and compensated in the measurement. Cable losses were automatically compensated by the analyzer. The same procedure was repeated for three different channels (low, medium and high) to cover the transmit range.

5.3.2 Results

The widest 20 dB bandwidth measured was 329 kHz BW at 927.4 MHz. The other two were 324 kHz at 914.6 MHz and 323 kHz at 902.6 MHz. All bandwidths were below the required limit of 1 MHz.

5.4 Conducted Out-of-band Emissions

5.4.1 Procedure

The EUT was put into continuous transmit mode. The analyzer was set to 1 MHz RBW and 1 MHz VBW. Then three scans were performed in max hold mode with 30 MHz - 1 GHz, 1 GHz - 2.5 GHz, 2.5 GHz - 10 GHz ranges. Also the 50 MHz region around the fundamental was investigated. Found peaks are listed in the results section. A 6 dB external attenuator was used and compensated in the measurements. Cable losses were automatically compensated by the analyzer. The measurements were repeated for channels at 902.6 MHz, 914.6 MHz and 927.4 MHz.

5.4.2 Results

Plots in following pages show the harmonic and spurious out-of-band emissions of the EUT measured at the antenna connector. All found peaks and their margins are listed in the following tables. The EUT was found compliant with the requirements for conducted out-of-band emissions.

For file size considerations, this report has been split into 4 pieces. Please see the next file for the rest of the report.