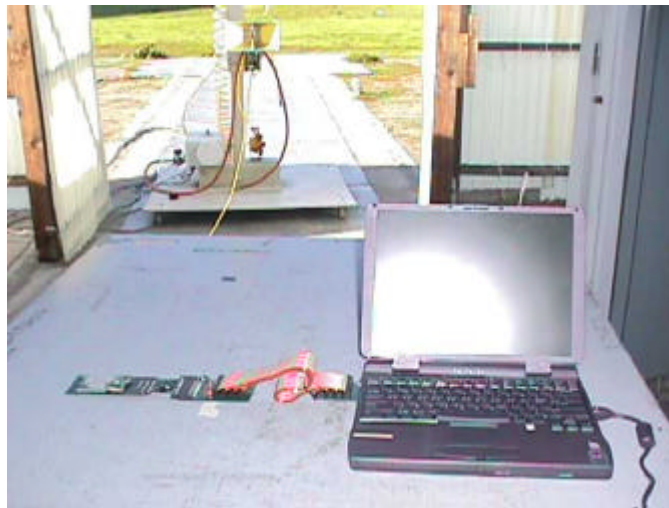
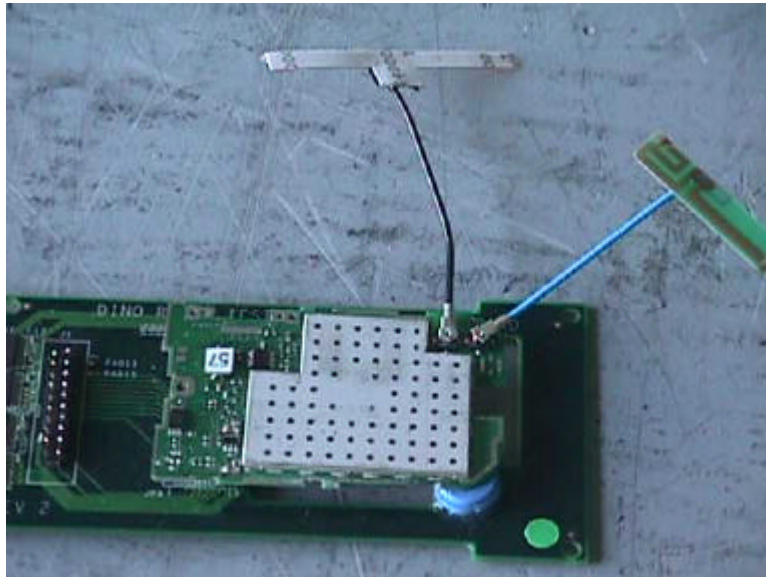


4.6 Transmitter Radiated Emissions in Restricted Bands, FCC Rule 15.35(b), (c)

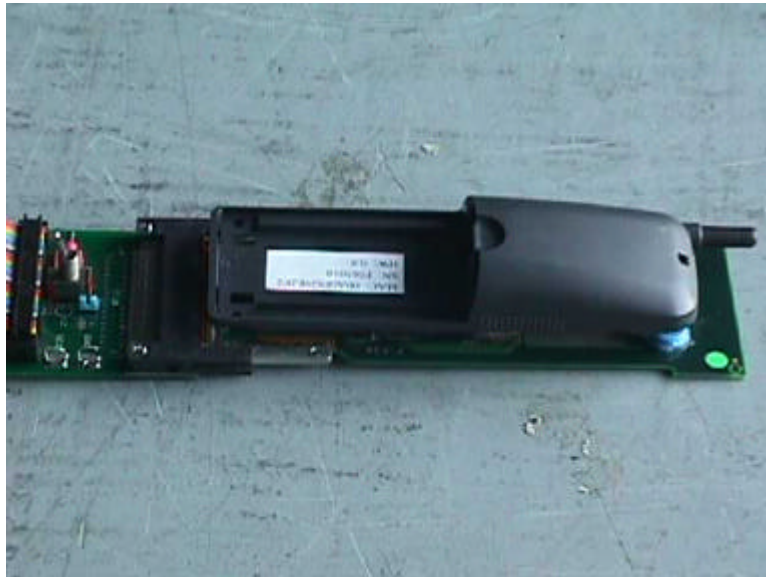
Radiated emission measurements were performed from 30 MHz to 25000 MHz. Spectrum analyzer resolution bandwidth is 100 kHz or greater for frequencies from 30 MHz to 1000 MHz, and 1 MHz for frequencies above 1000 MHz. The EUT was positioned on a non-conductive turntable, 0.8m above the ground plane on an open test site. The radiated emission was measured at 3 m distance. To maximize emissions, the system was rotated through 360°, the antenna height was varied from 1m to 4 m, and the antenna polarization was changed. Data is included of the worst case configuration (the configuration which resulted in the highest emission levels). A sample calculation, configuration photographs and data tables of the emissions are included. All measurements were performed with peak and average detectors unless otherwise specified.

Configuration Photograph:

DP4046 Configuration



NP4046 Configuration



4.8 Radiated Emissions from Digital Section of Transceiver (Transmitter), FCC Rule 15.109

Radiated emission measurements were performed from 30 MHz to 1000 MHz.

The EUT was positioned on a non-conductive turntable, 0.8m above the ground plane on an open test site. The radiated emission was measured at 3 m distance. To maximize emissions, the system was rotated through 360°, the antenna height was varied from 1m to 4 m, and the antenna polarization was changed. Data is included of the worst case configuration (the configuration which resulted in the highest emission levels). A sample calculation, configuration photographs and data tables of the emissions are included. All measurements were performed with peak detectors unless otherwise specified.

Configuration Photograph

DP4046 Configuration



NP4046 Configuration

