

2.12 Power Spectral Density FCC Section 15.247(d)

The transmitter power spectral density averaged over any 1 second interval is given in Table 7 and Figure 8. If the EUT incorporates different spreading codes or data rates these were each investigated and the one which produced the smallest 6 dB bandwidth was selected for test.

The manufacturer provided a sample with a pigtail connected across the antenna leads on the PCB . This test was performed by connecting the pigtail directly to the spectrum analyzer.

TABLE 6
POWER SPECTRAL DENSITY

Test Date: April 27, 2001
UST Project: 01-0121
Customer: Robertshaw Industrial Products Division
Model: Centeron Propane Gauge Monitor

| Frequency (GHz) | Test Data (dBm) Normalized to 1 Hz | FCC Limit (dBm) |
|--------------------|--|--------------------|
| 923.5345 | -0.2 | 8.0 |

Tester

Signature: _____ **Name:** Tim R. Johnson

Figure 8
Power Spectral Density 15.247(d)

