

Ripwave™ PMX Card

2500-2686 MHz

Product Specification

(ANTENNA SECTION)

01-00333-06



PV_1.0
July 11, 2006

1. Antenna/RF

Parameters	Specifications
Antenna Optional Antenna	Three (3) antennas (two antennas simultaneously): - Antenna 1: Upright Dipole (removable; MCX connector) - Antenna 2: Embedded F-Type, - Antenna 3: Desktop Antenna (in lieu of Antenna 1) (20" cable with MCX connector)
Antenna Gain (approximate Peak Gain) (see Sec. 4 for antenna patterns)	Antenna 1: 5.0 dBi (Laptop lid open at 90°) Antenna 2: 1.0 dBi Antenna 3: 5.3 dBi
Antennae Polarization	Vertical
Azimuth Pattern	Antenna 1: 25° Antenna 2: 120° Antenna 3: 160° See typical antenna patterns in Section 4.

2. Pictorial Views

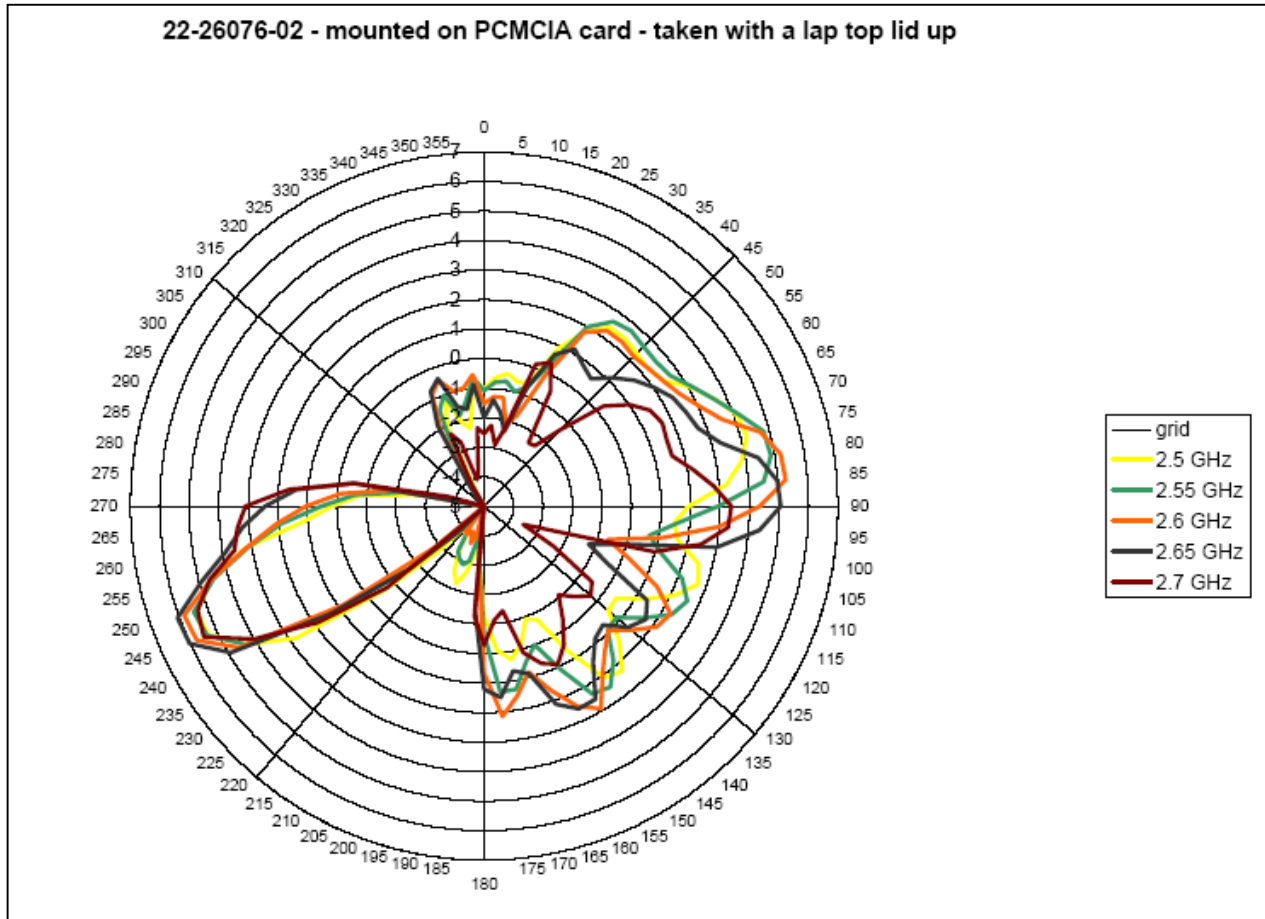


3. Antenna Patterns

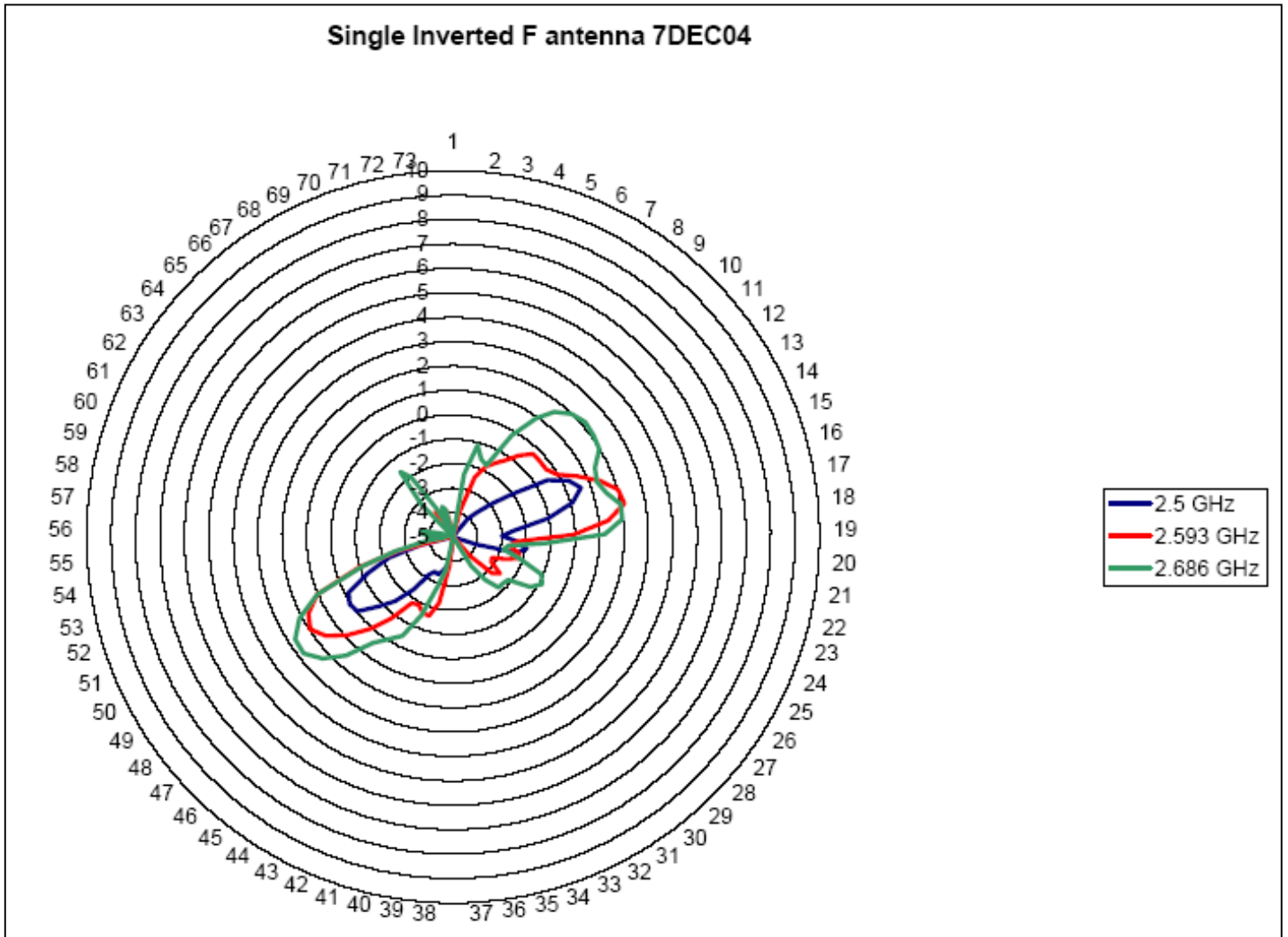
3.1. Advisory

The antenna patterns depicted below are based on measured results with a commercially available laptop PC. Actual antenna performance will vary based on both the equipment into which the PMX card is installed, and the local environmental condition.

3.2. 1x Upright (Dipole) Antenna



3.3. 1x Inverted-F antenna



3.4. PMX Desktop Antenna

