

Brand: DIGI SINGAPORE PTE. LTD.

PART NAME: DIGI2.4GIFA

PART DESCRIPTION: DIGI 2.4G INVERTED F PCB ANTENNA

MANUFACTURER ADDRESS: 4 Leng Kee Rd, #05-03/04/05&11, SIS Building, Singapore 159088

Radiation Pattern

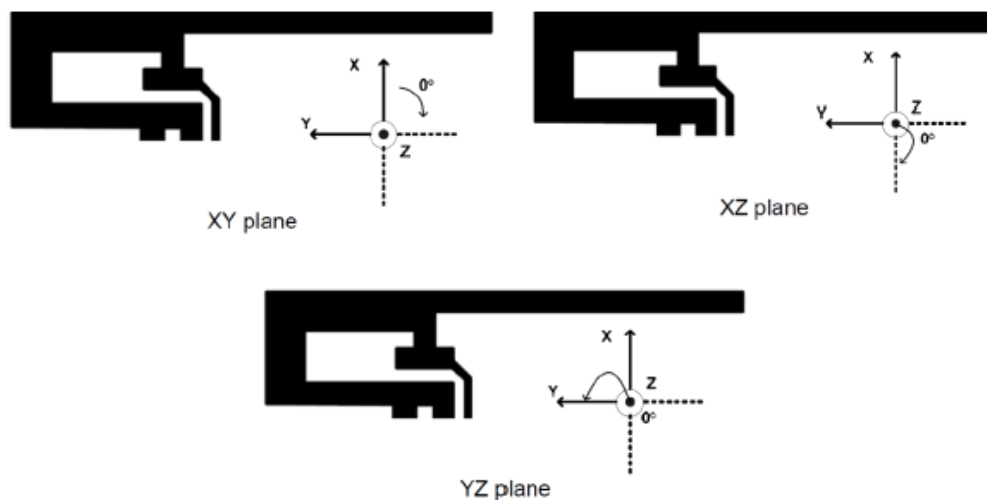


Figure 2. Relating Antenna to Radiation Patterns

Summary of IFA Properties

Gain in XY plane	1.1 dBi
Gain in XZ plane	3.3 dBi
Gain in YZ plane	1.6 dBi
Reflection	< -15 dB
Antenna size	25.7×7.5 mm

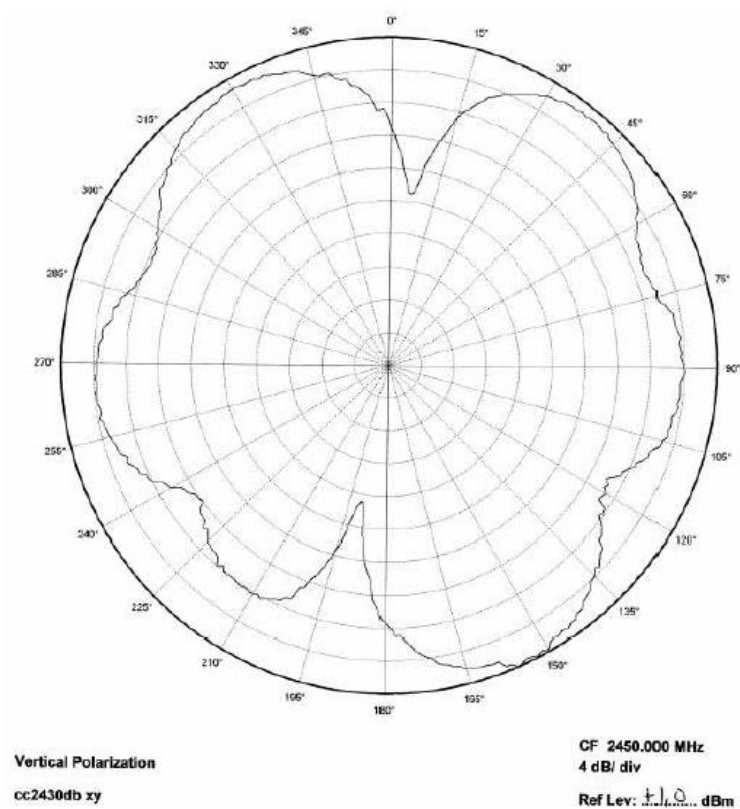


Figure 3. XY Plane-Vertical Polarization

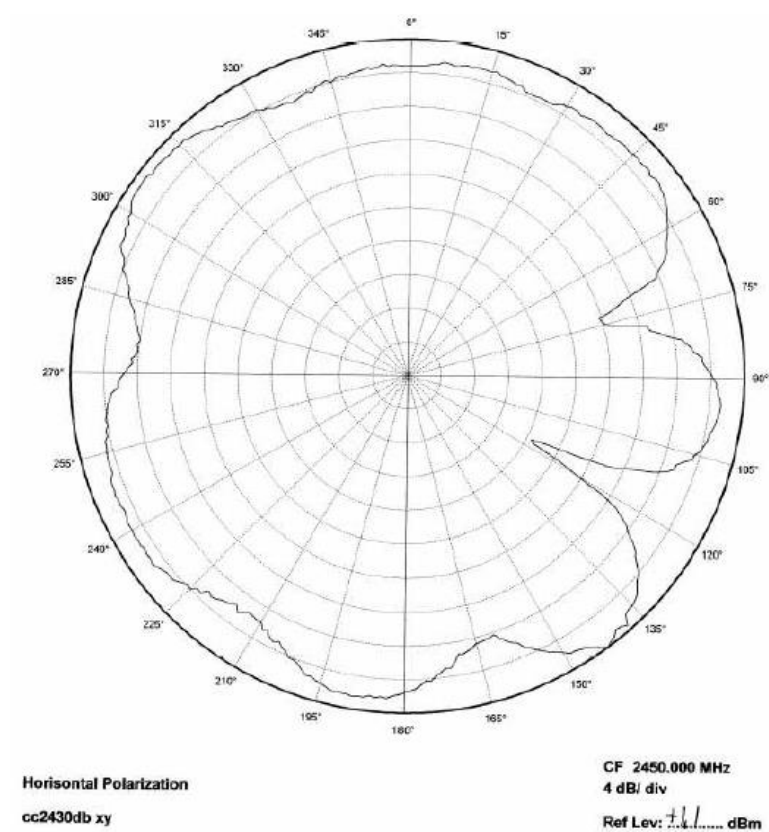


Figure 4. XY Plane-Horizontal Polarization

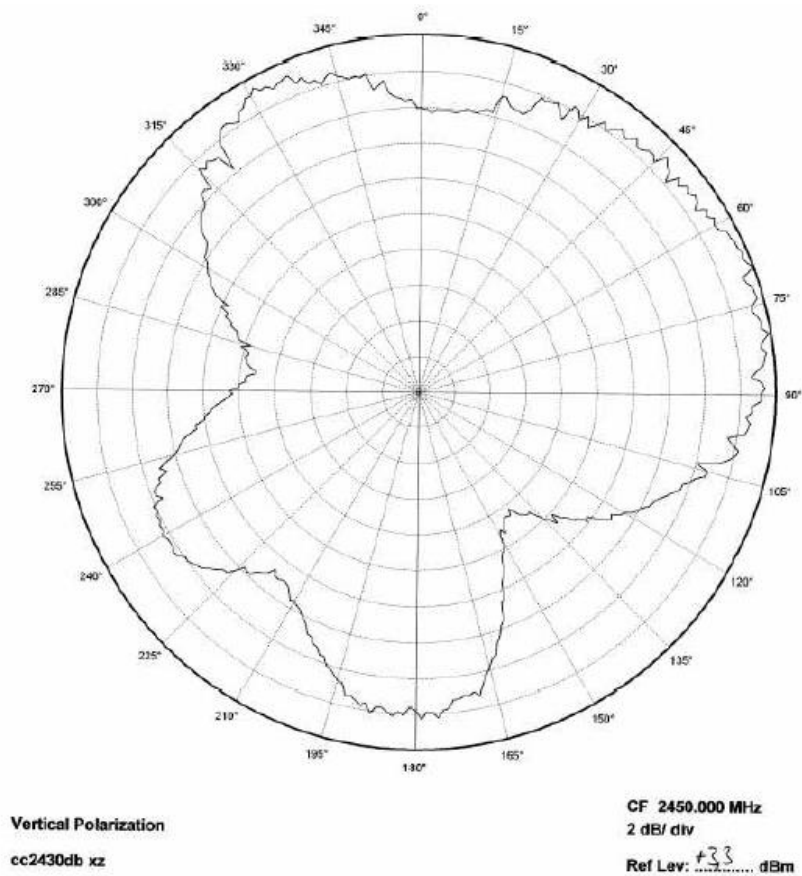


Figure 5. XZ Plane-Vertical Polarization

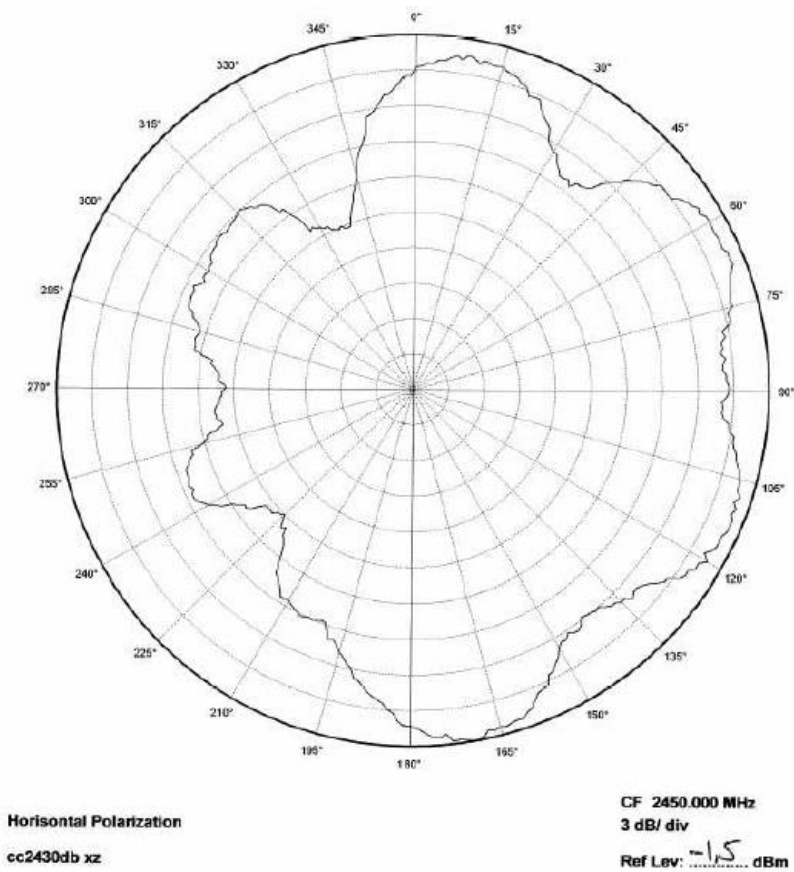


Figure 6. XZ Plane-Horizontal Polarization

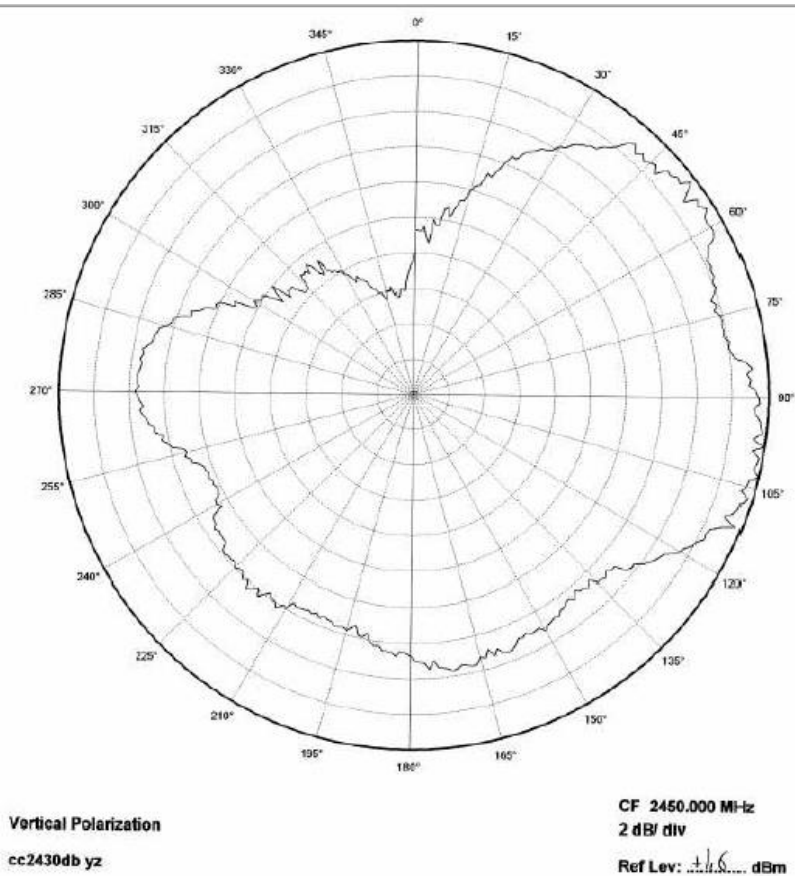


Figure 7. YZ Plane–Vertical Polarization

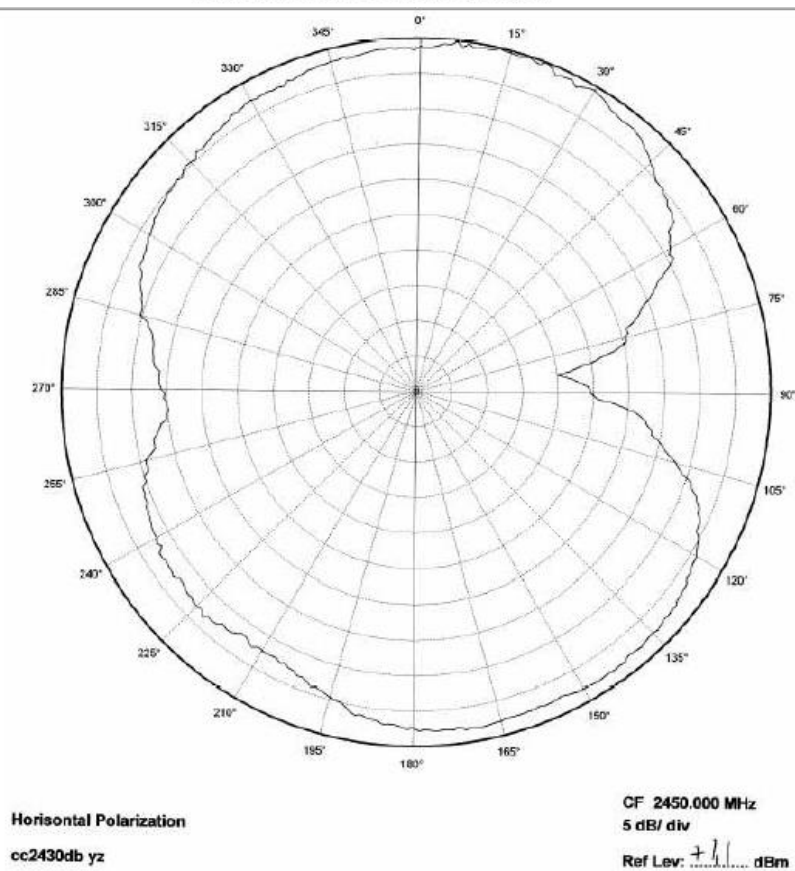


Figure 8. YZ Plane–Horizontal Polarization