

ANTENNA SPECIFICATION

Antenna describe:

| | |
|----------------------|------------------|
| Antenna plate | Monopole antenna |
| Make name/model name | 2.4G ANT |
| Antenna gain | 0dBi |
| Frequency range | 2.4GHZ-2.483GHZ |
| Connector type | direct |

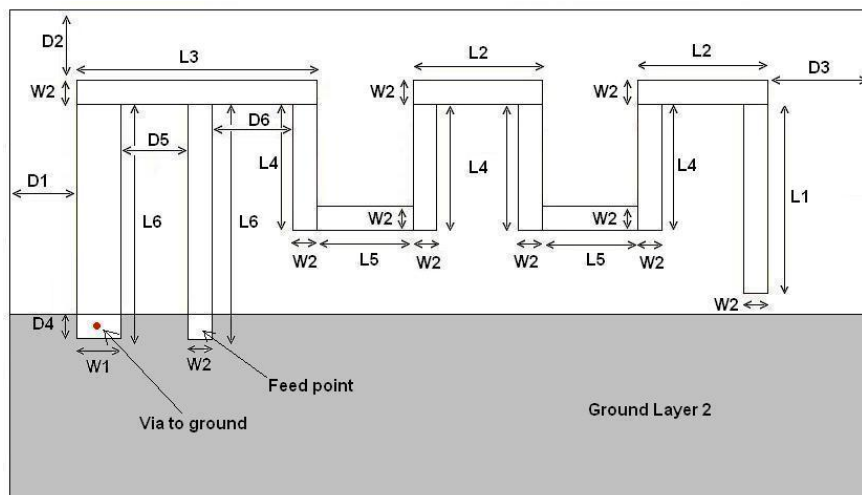
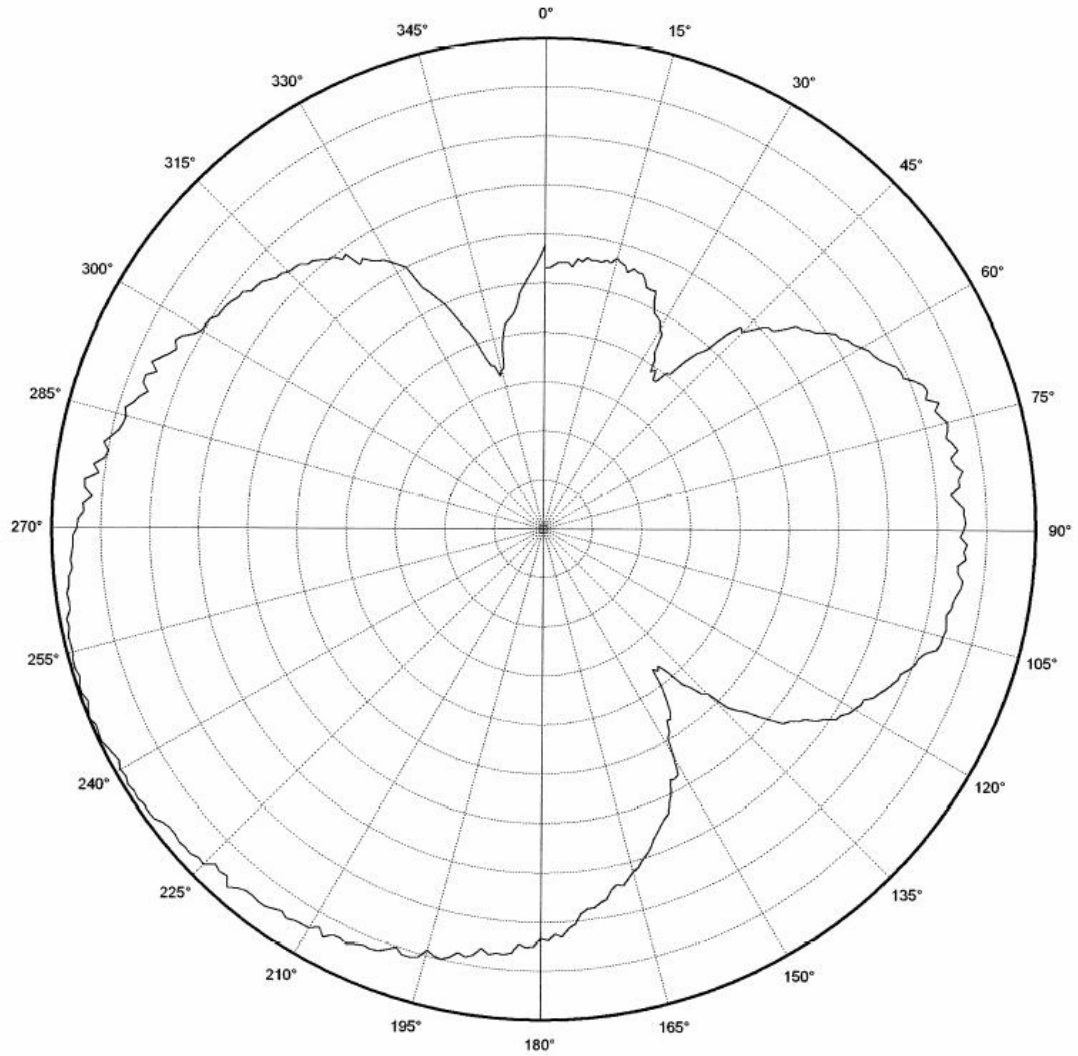


Figure 3: Antenna Dimensions

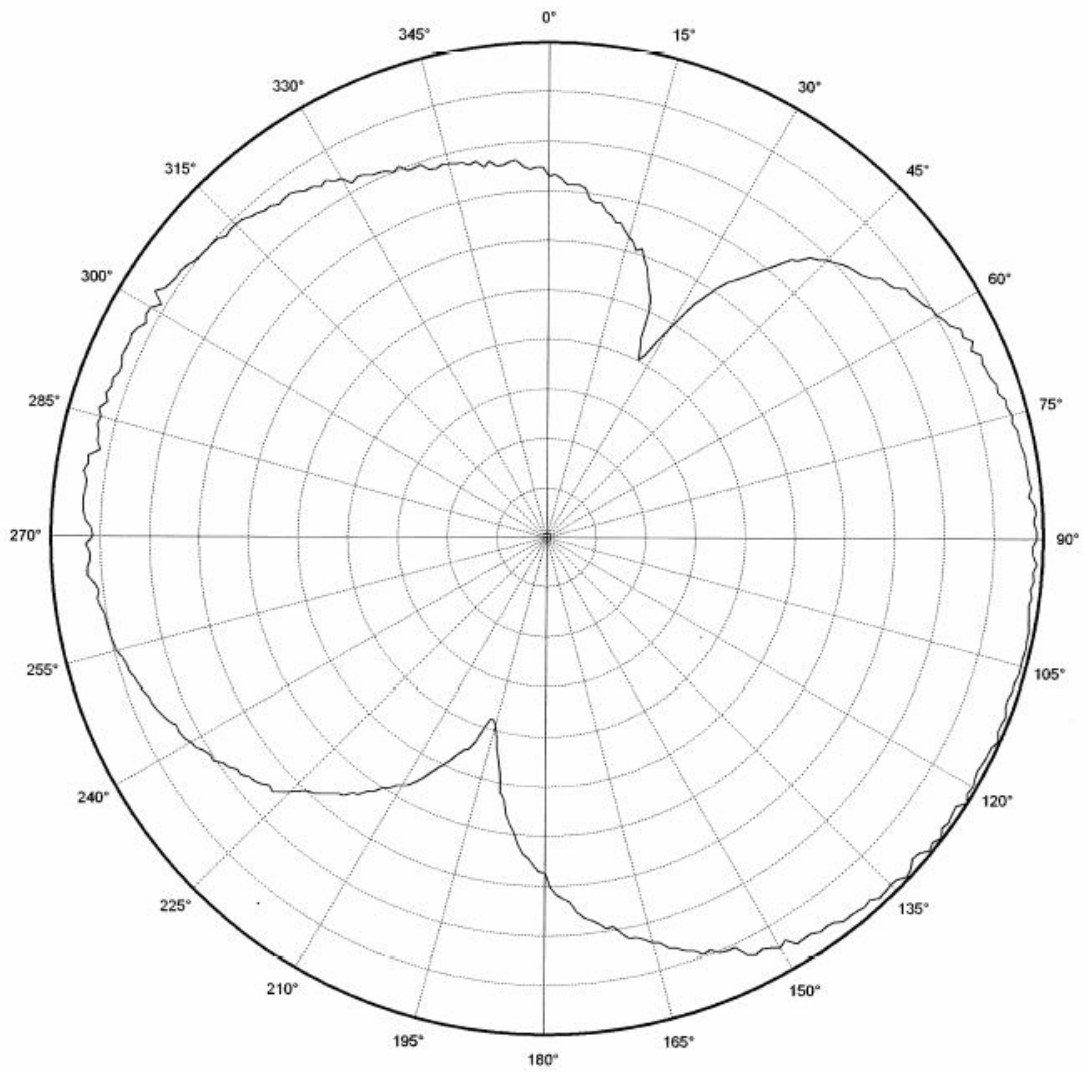
| | |
|----|---------|
| L1 | 3.94 mm |
| L2 | 2.70 mm |
| L3 | 5.00 mm |
| L4 | 2.64 mm |
| L5 | 2.00 mm |
| L6 | 4.90 mm |
| W1 | 0.90 mm |
| W2 | 0.50 mm |
| D1 | 0.50 mm |
| D2 | 0.30 mm |
| D3 | 0.30 mm |
| D4 | 0.50 mm |
| D5 | 1.40mm |
| D6 | 1.70 mm |

Table 1: Antenna Dimensions



Vertical Polarization
usb XY

CF 2450.000 MHz
4 dB/div
Ref Lev: *-2.5* dBm



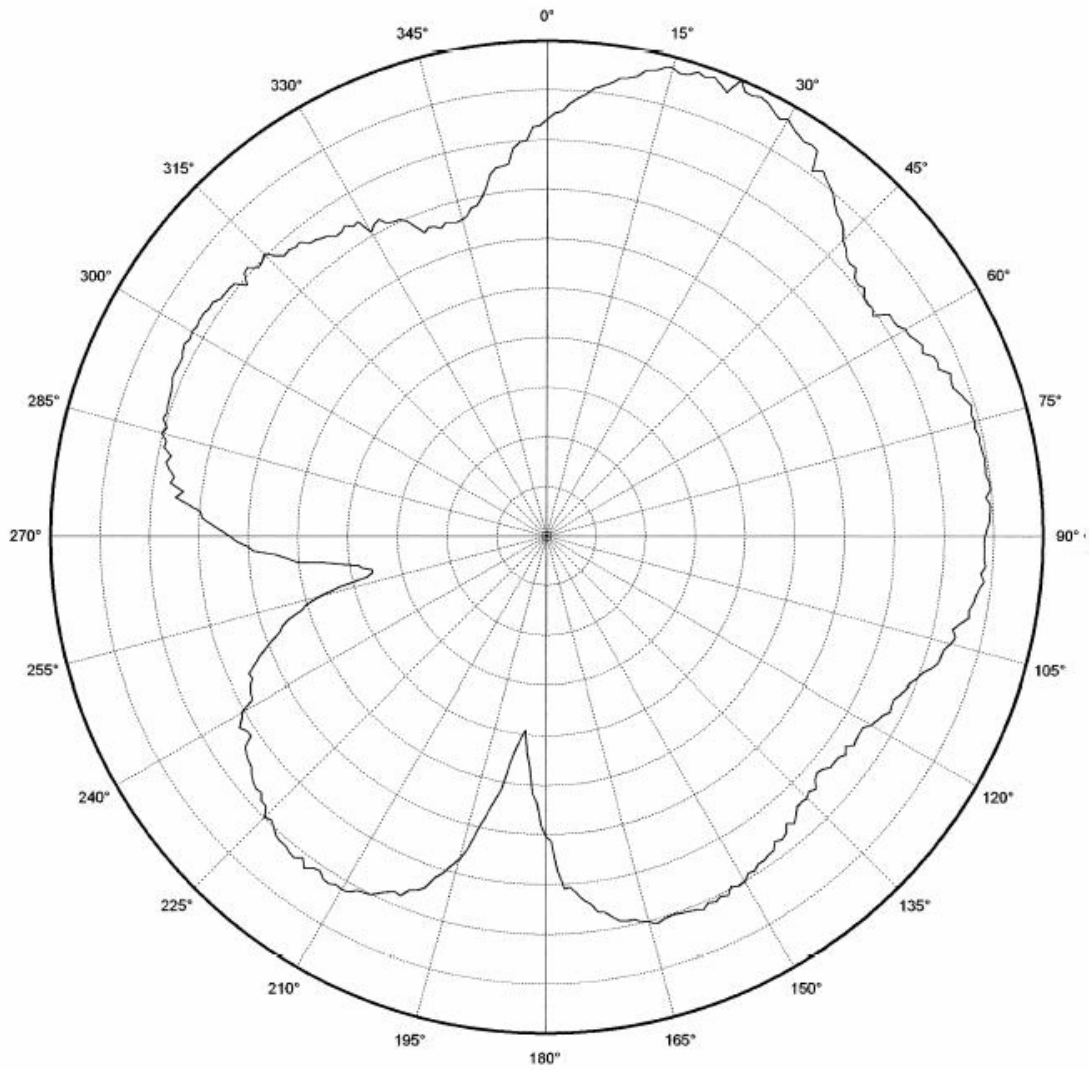
Horizontal Polarization

usb XY

CF 2450.000 MHz

5 dB/ div

Ref Lev: *4.5* dBm



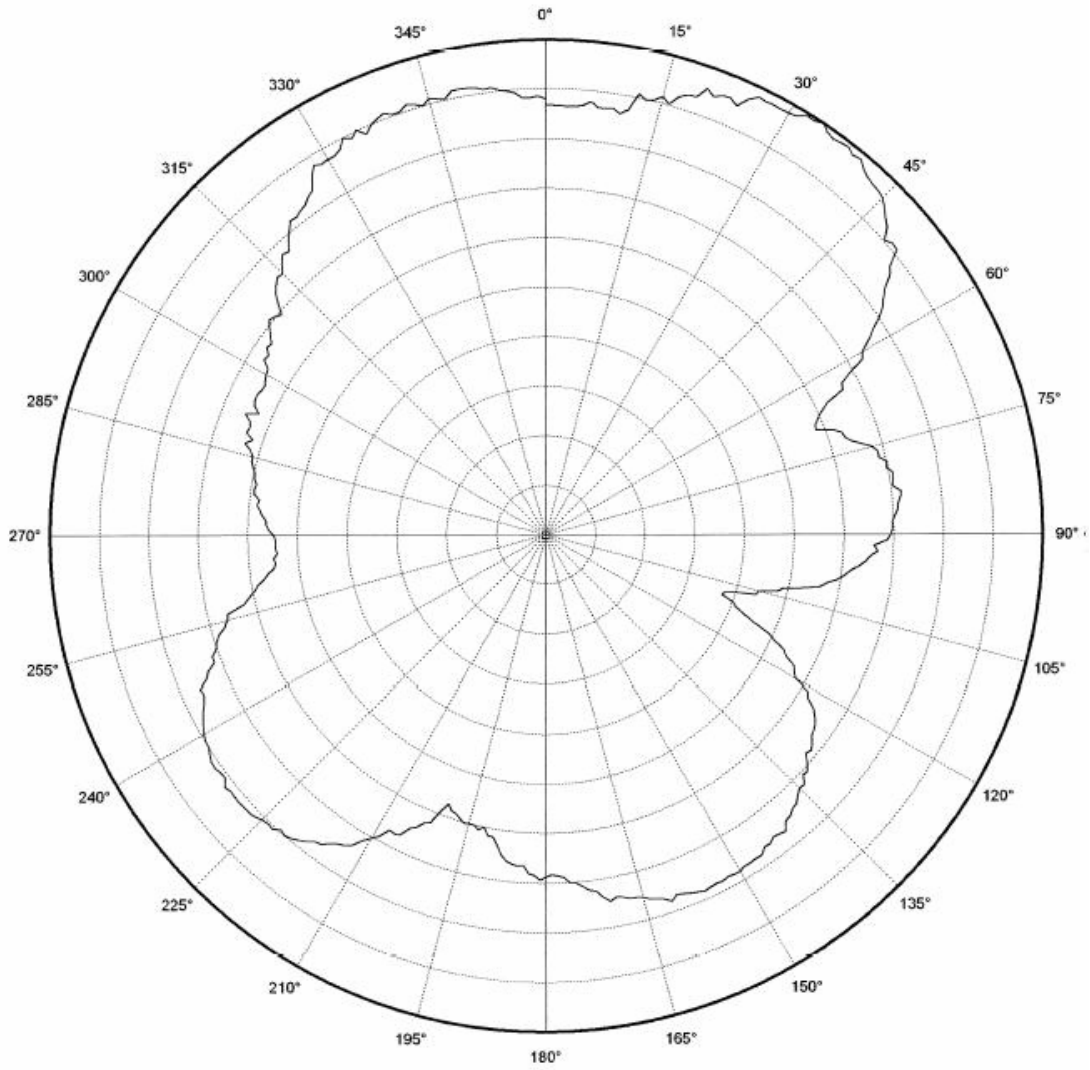
Vertical Polarization

usb XZ

CF 2450.000 MHz

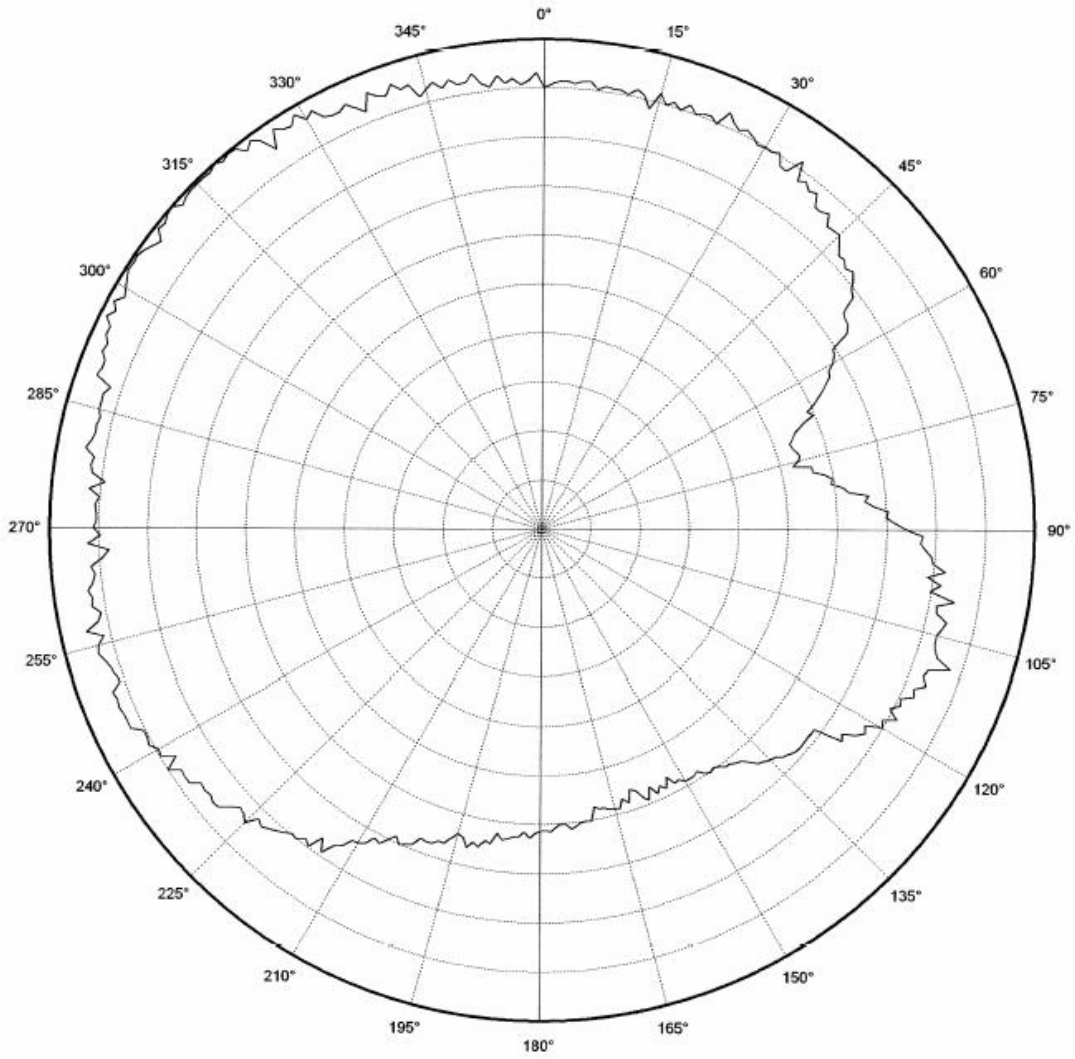
4 dB/ div

Ref Lev: 2.2 dBm



Horizontal Polarization
usb XZ

CF 2450.000 MHz
4 dB/ div
Ref Lev:5.3 dBm



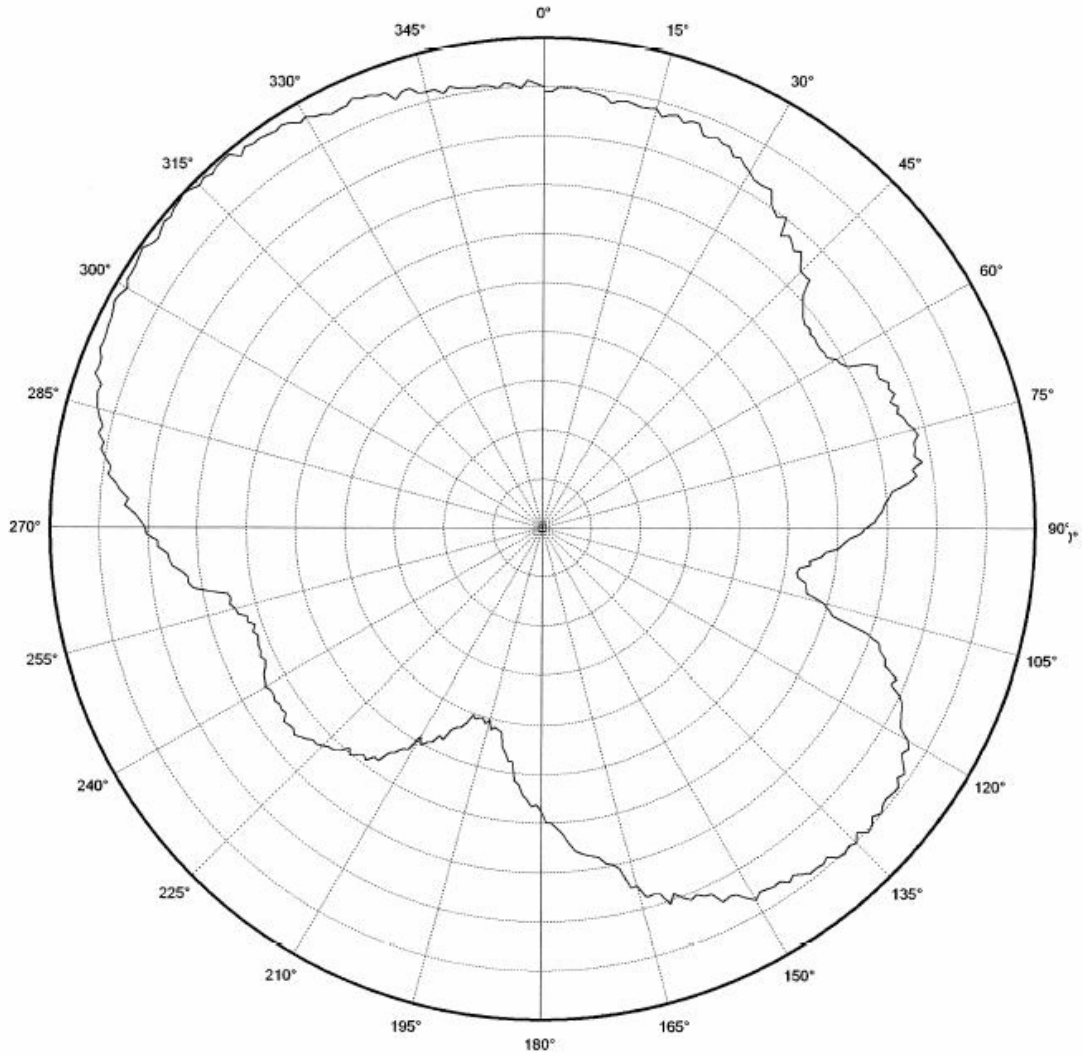
Vertical Polarization

usb YZ

CF 2450.000 MHz

2 dB/ div

Ref Lev: +53 dBm



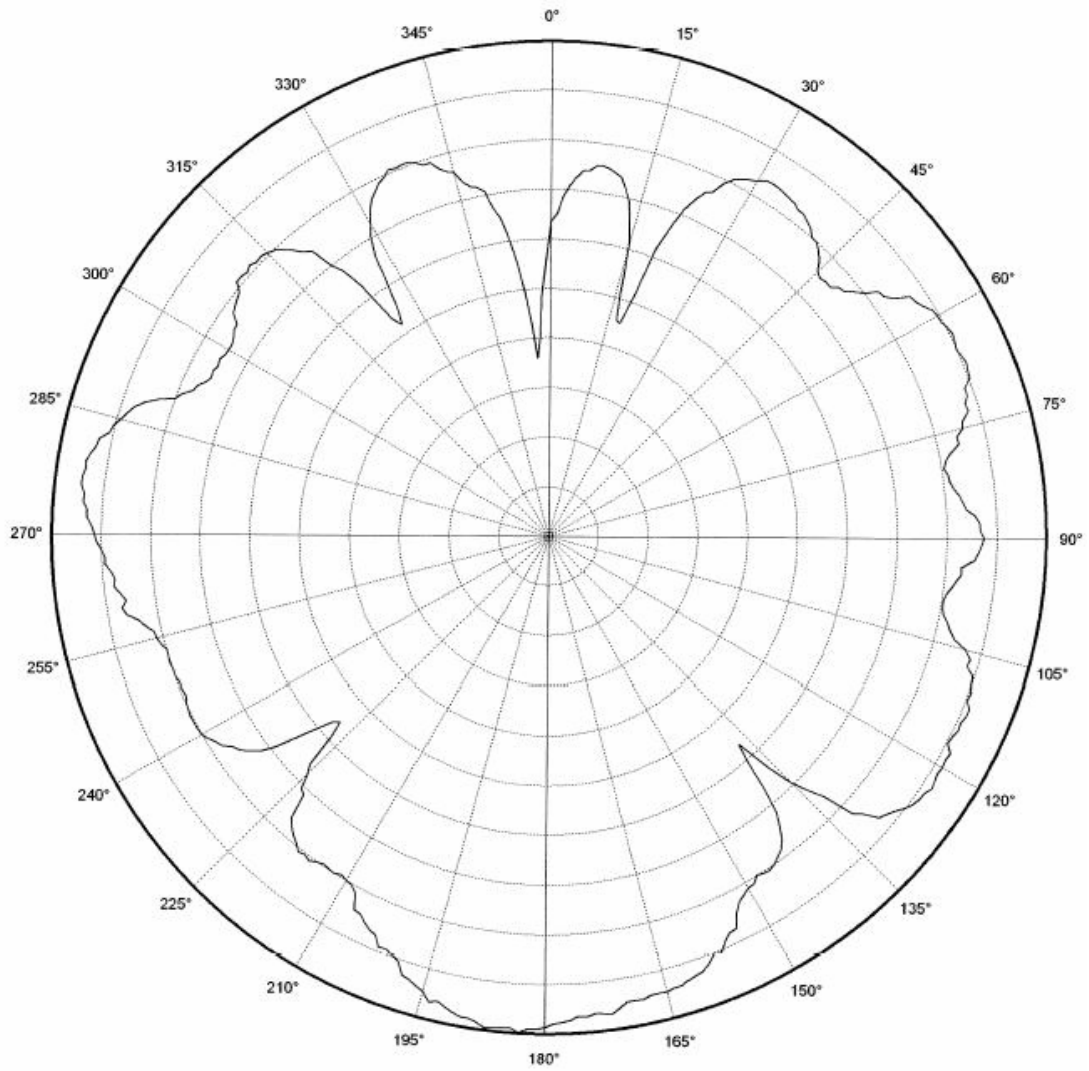
Horizontal Polarization

usb YZ

CF 2450.000 MHz

3 dB/ div

Ref Lev: dBm, ^{-1,2}



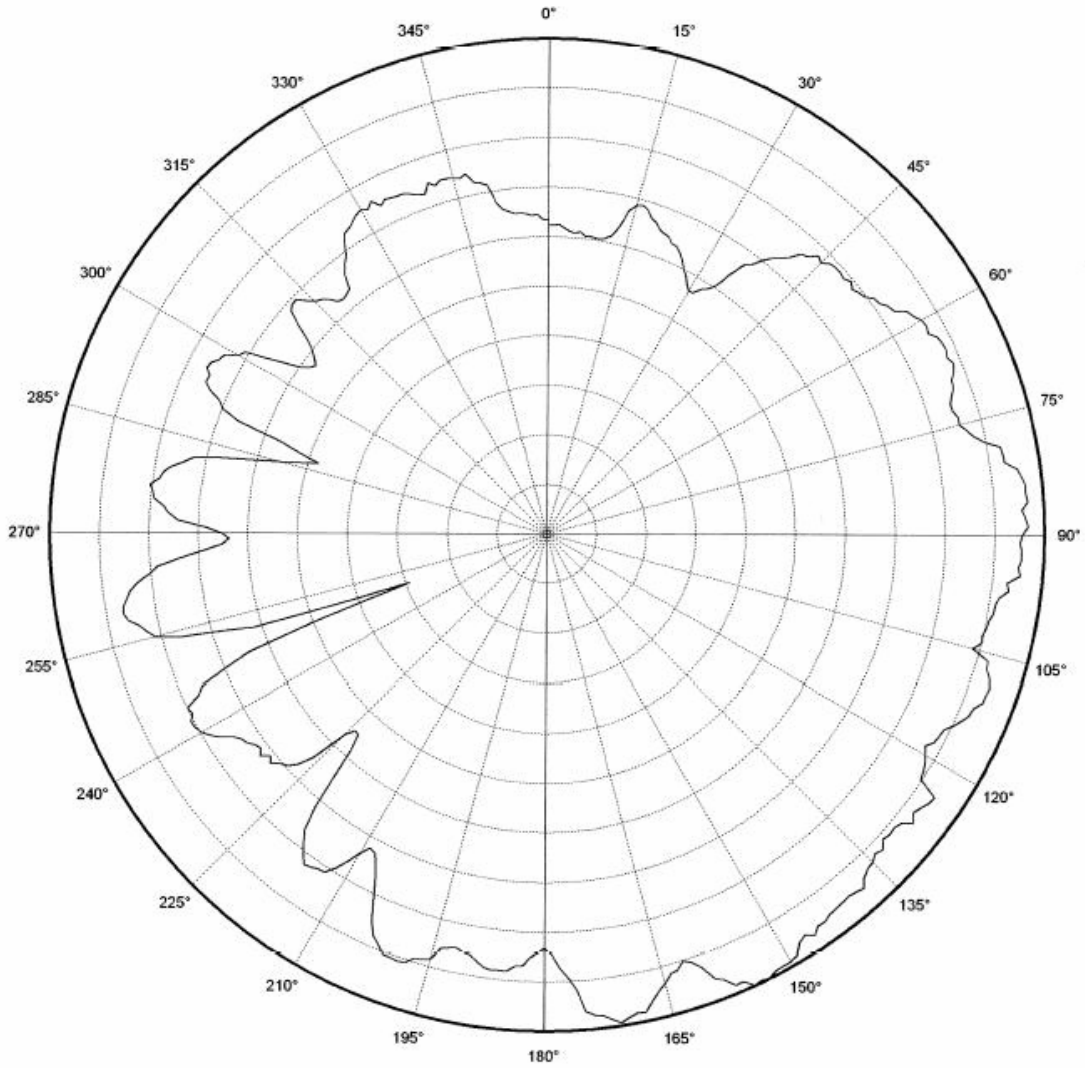
Vertical Polarization

Laptop USB XY

CF 2450.000 MHz

5 dB/ div

Ref Lev: -20 dBm



Horizontal Polarization

Laptop USB XY

CF 2450.000 MHz

4 dB/ div

Ref Lev: 3.3 dBm