

ANTENNA SPECIFICATION

Antenna describe:

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

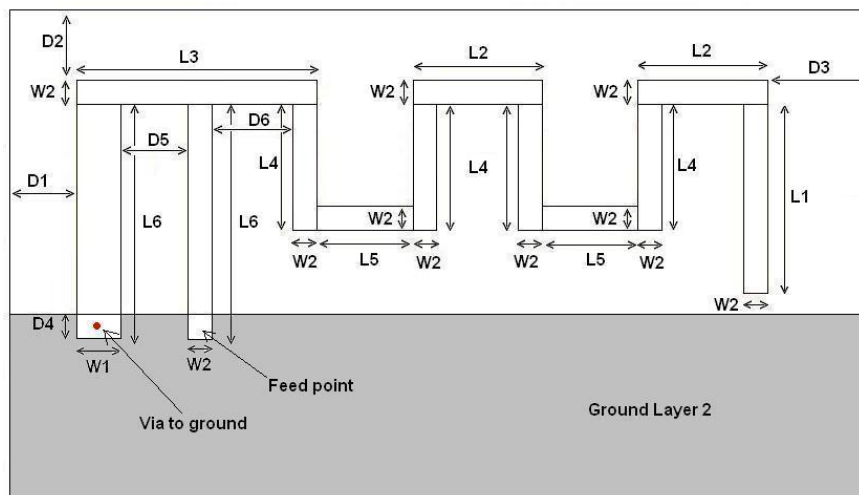
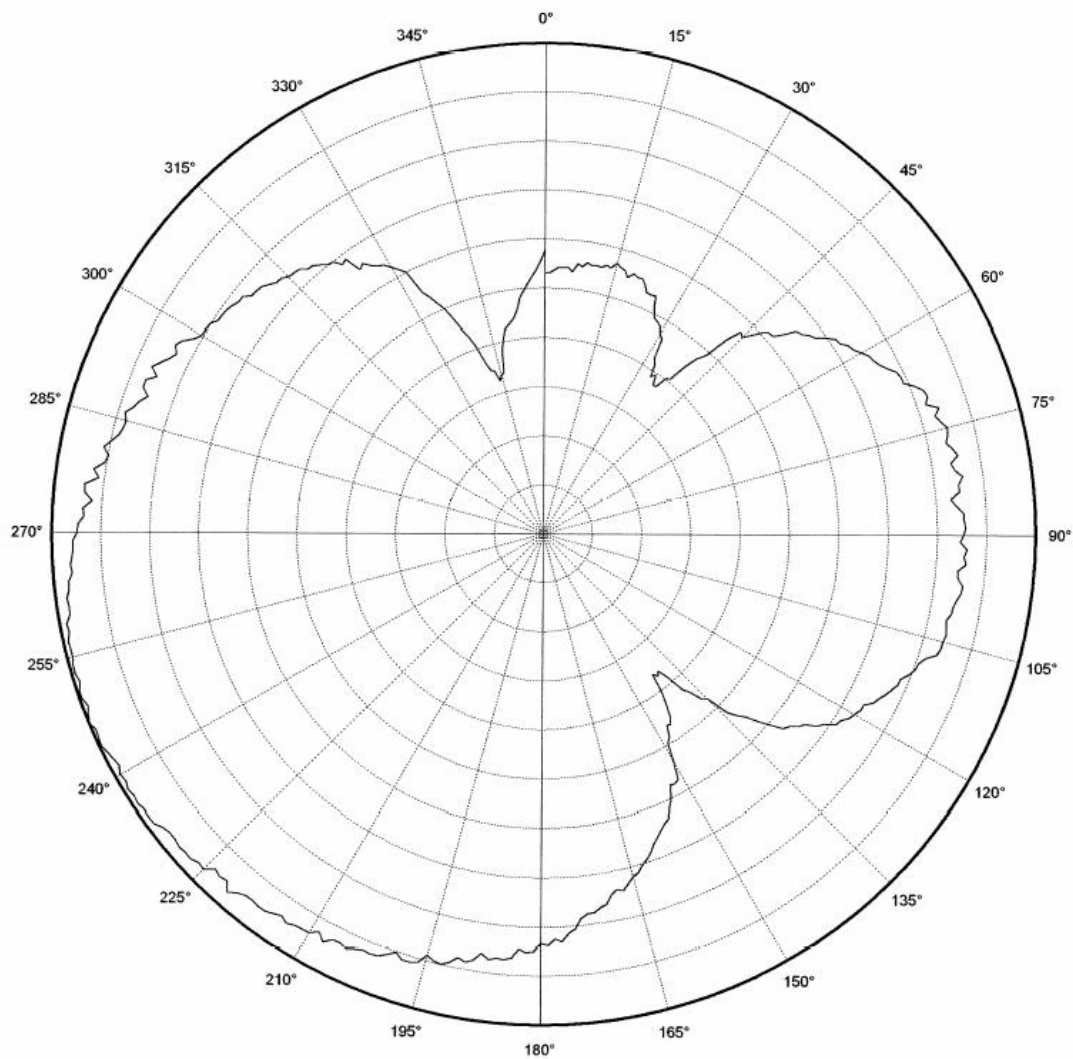


Figure 3: Antenna Dimensions

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



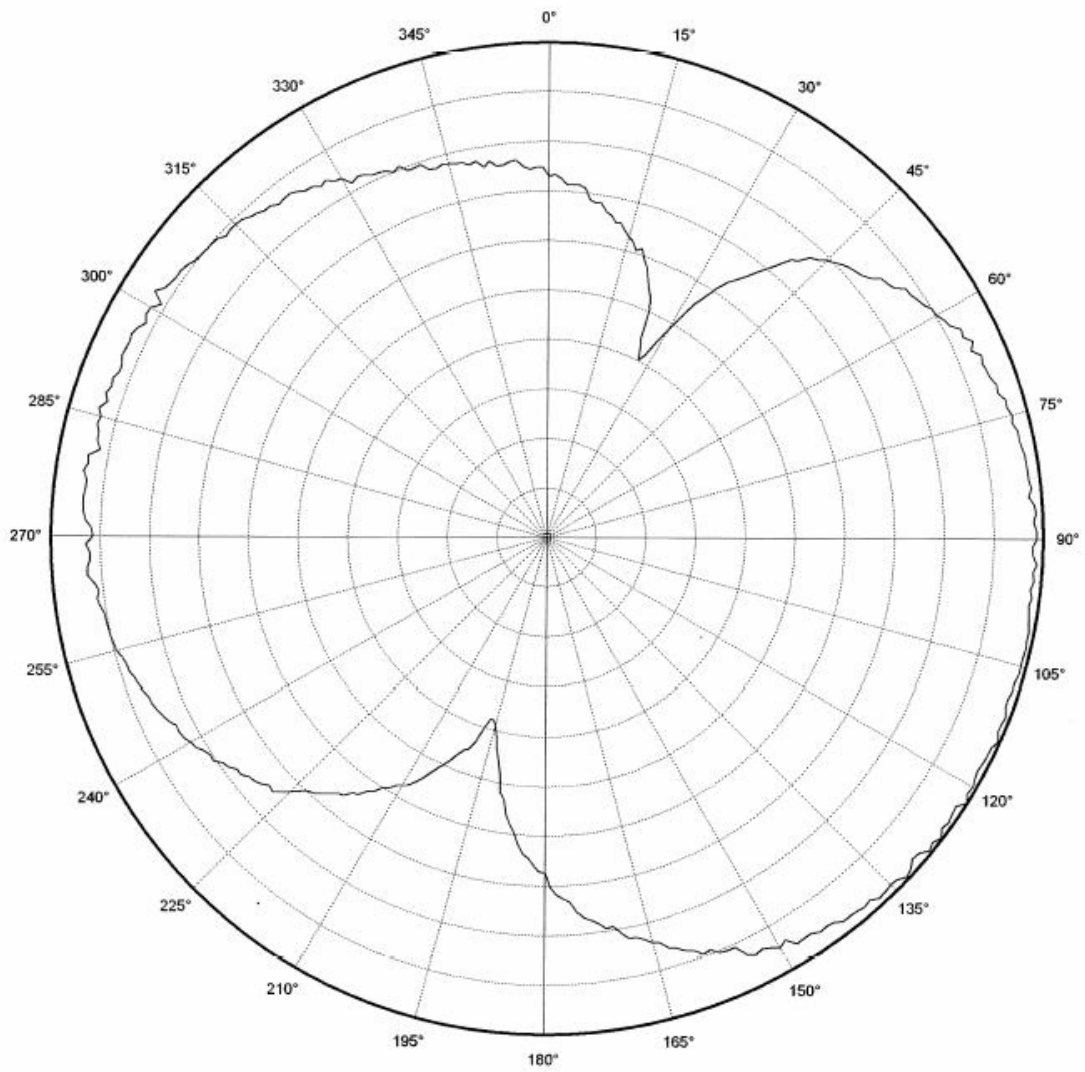
Vertical Polarization

usb XY

CF 2450.000 MHz

4 dB/ div

Ref Lev: *-2.5* dBm



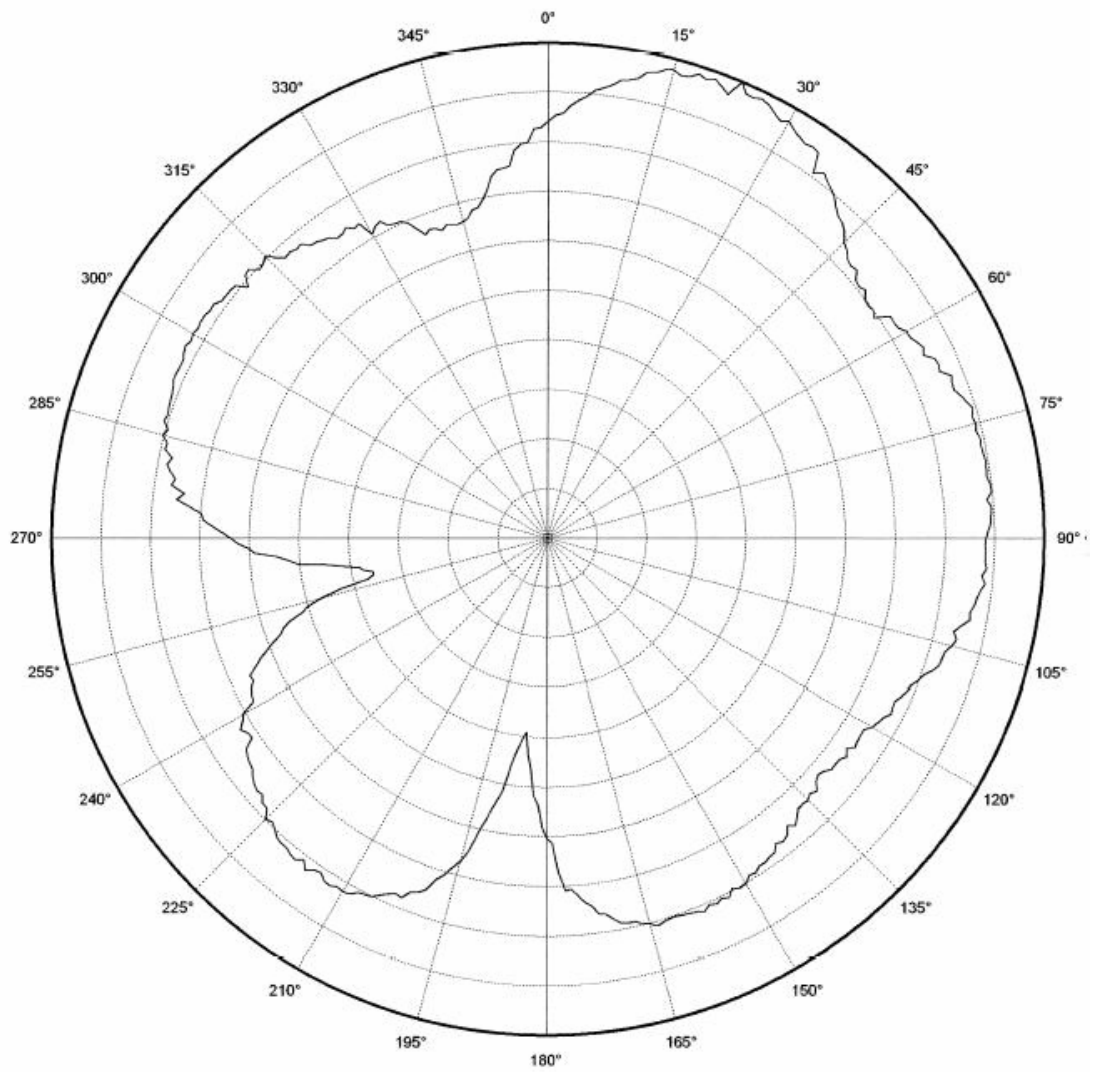
Horizontal Polarization

usb XY

CF 2450.000 MHz

5 dB/ div

Ref Lev: 4.5 dBm



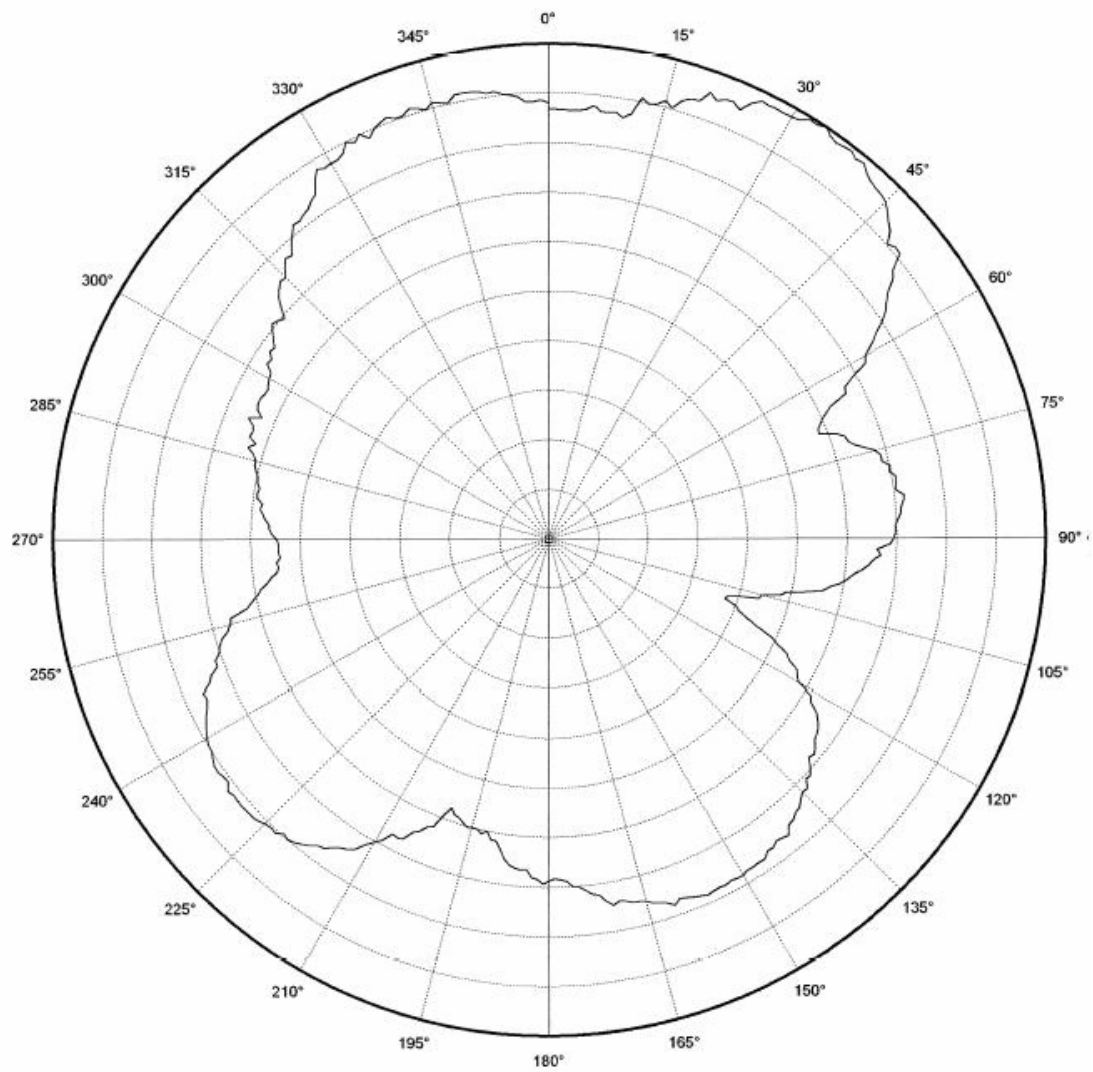
Vertical Polarization

usb XZ

CF 2450.000 MHz

4 dB/ div

Ref Lev: 2.2 dBm



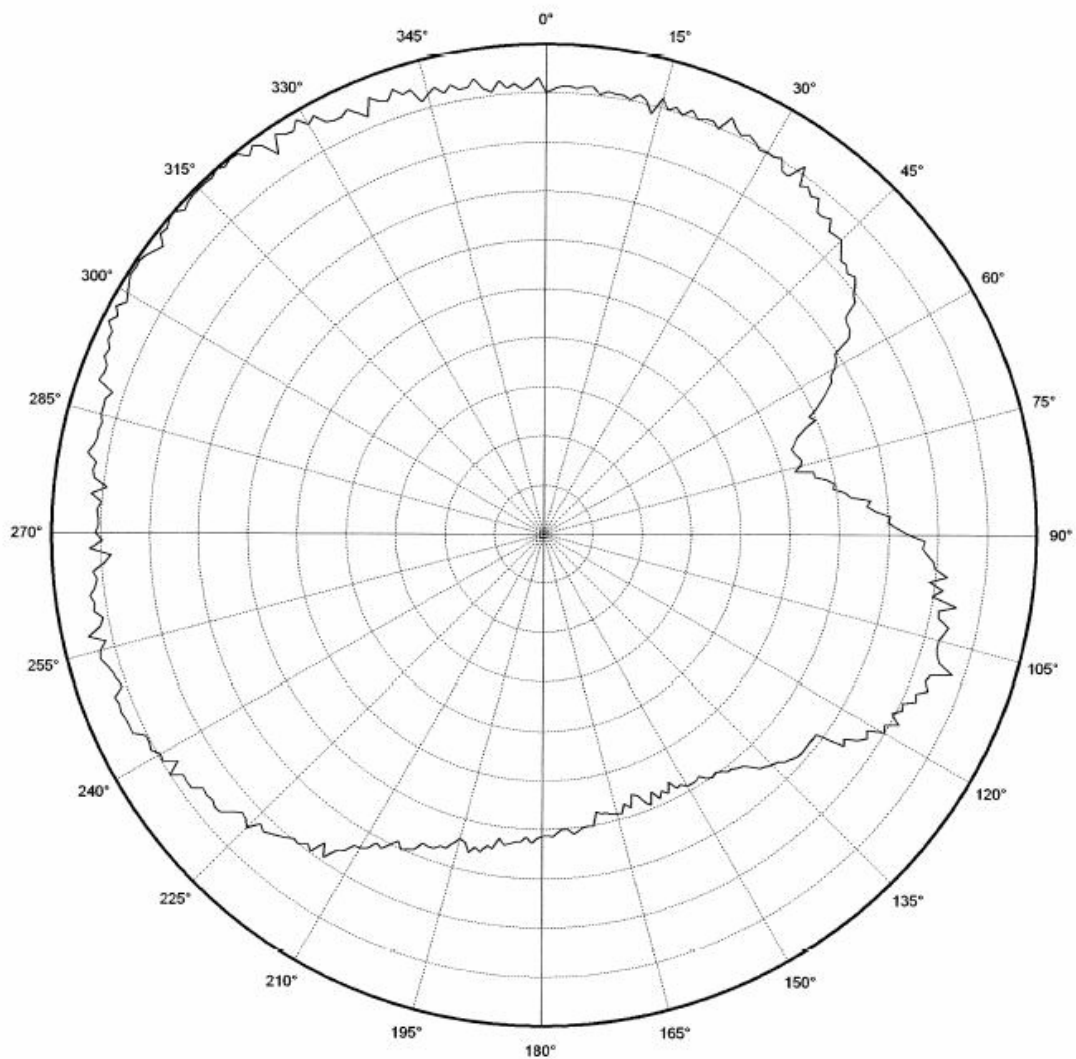
Horizontal Polarization

usb XZ

CF 2450.000 MHz

4 dB/ div

Ref Lev: 5.3 dBm



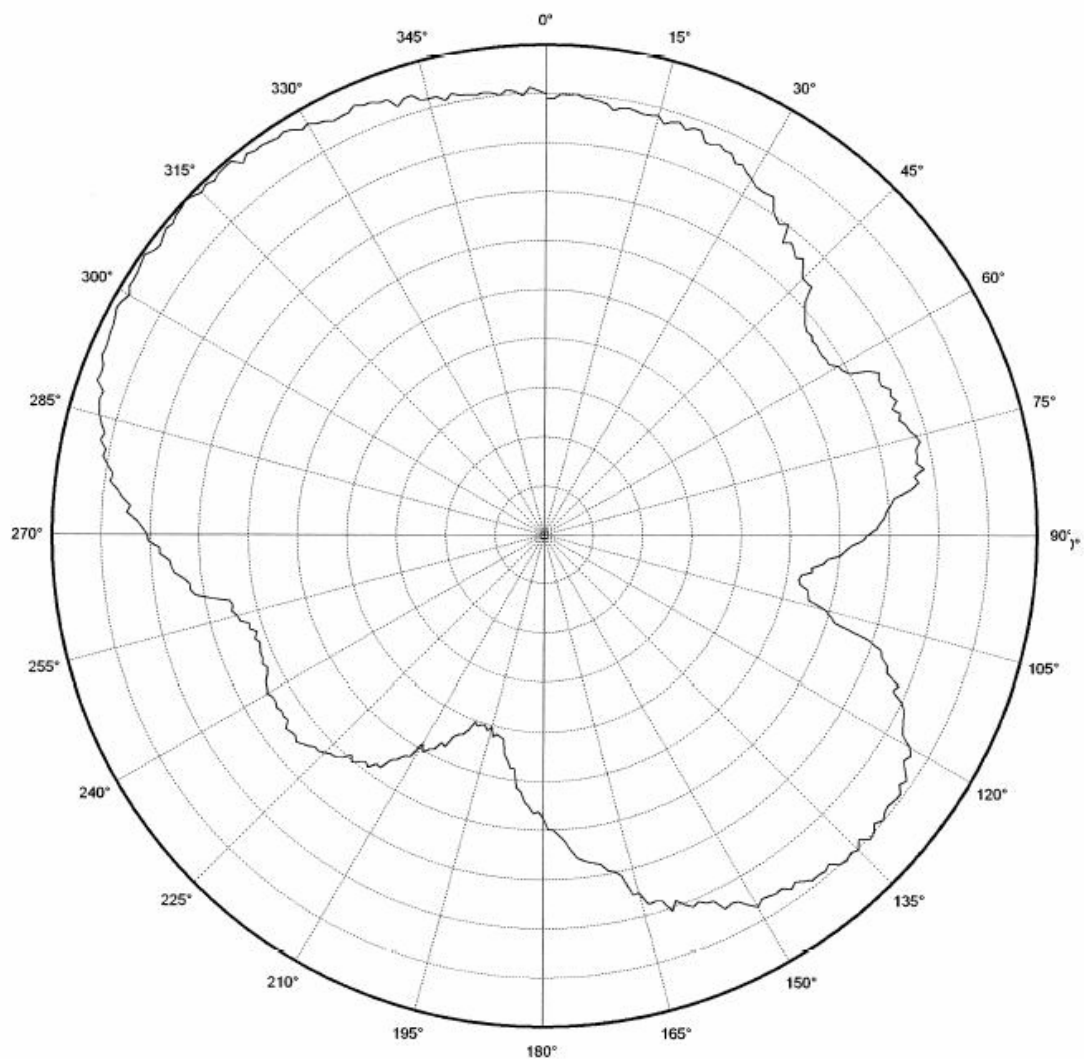
Vertical Polarization

usb YZ

CF 2450.000 MHz

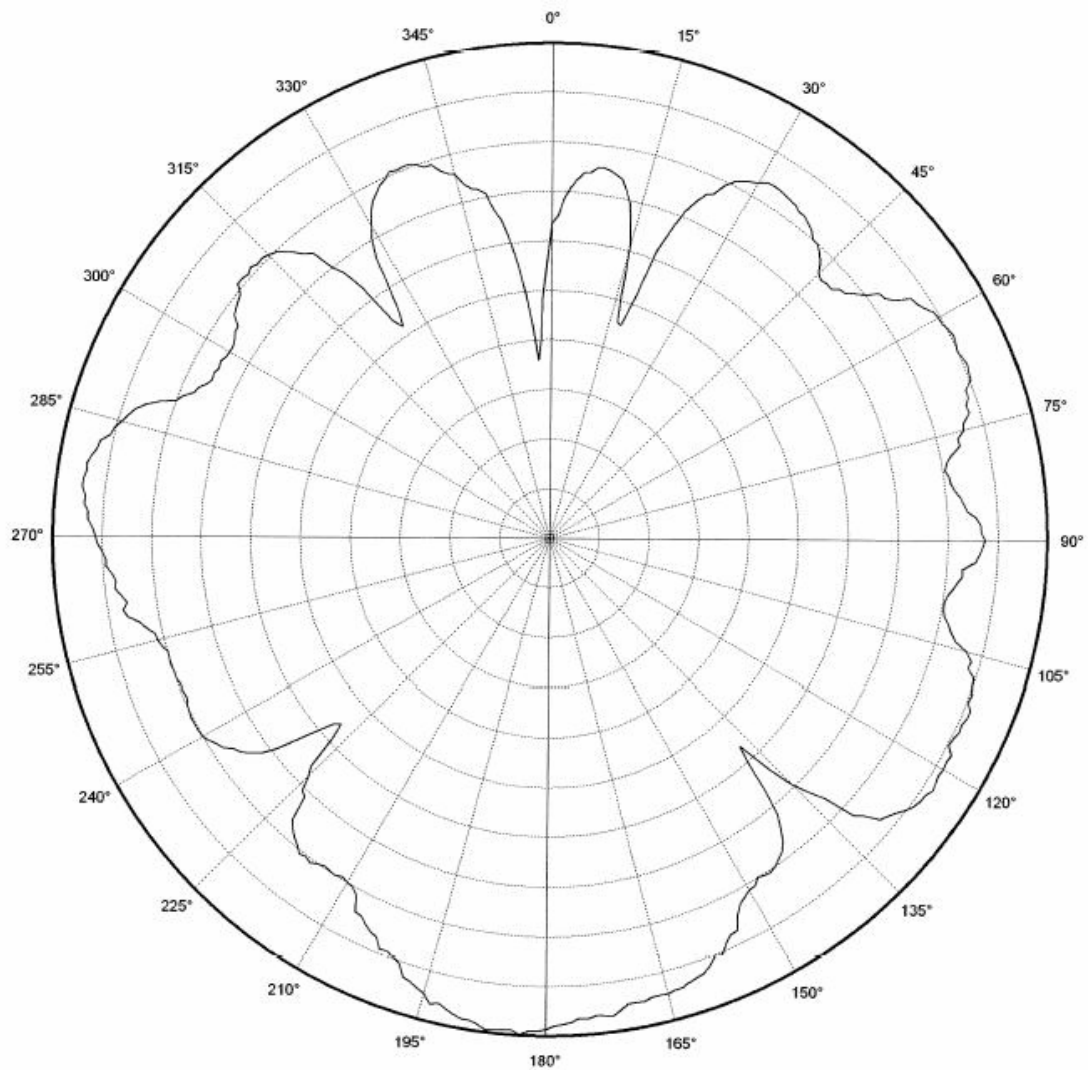
2 dB/ div

Ref Lev: +53 dBm



Horizontal Polarization
usb YZ

CF 2450.000 MHz
3 dB/ div
Ref Lev: ^{-1.2} dBm_i



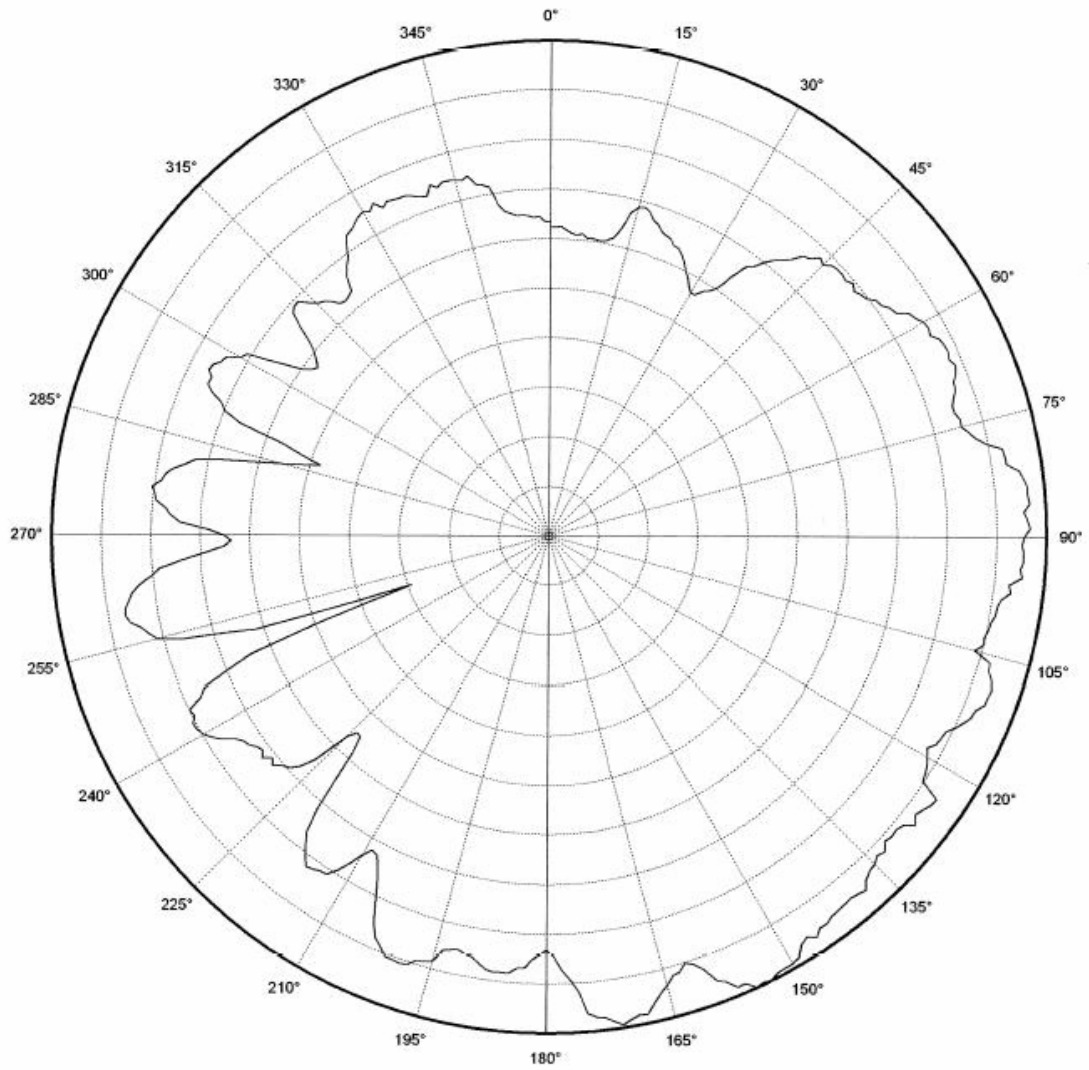
Vertical Polarization

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