

Antenna Specification

1、Antenna dimension

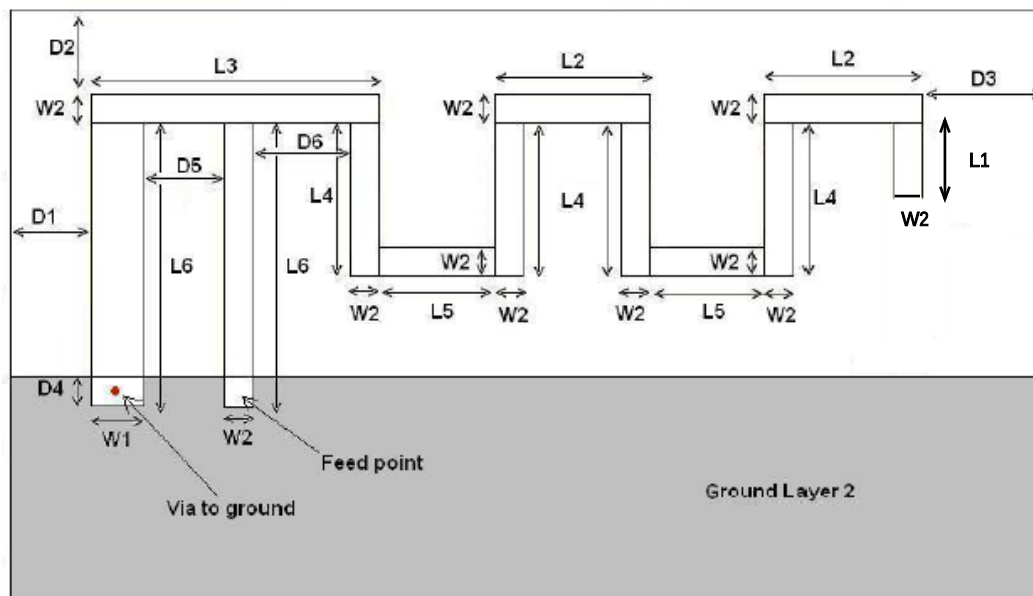
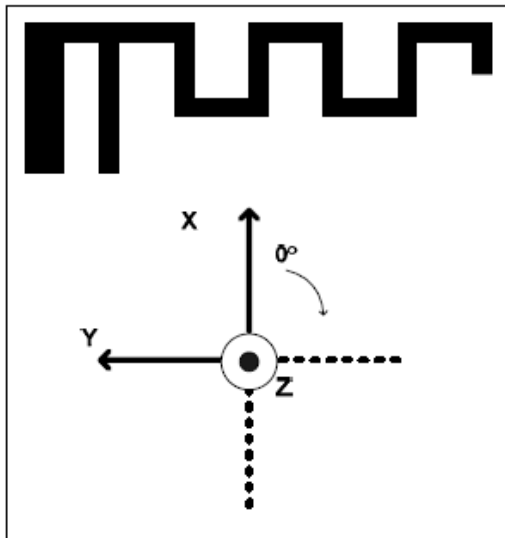


Figure 3: Antenna Dimensions

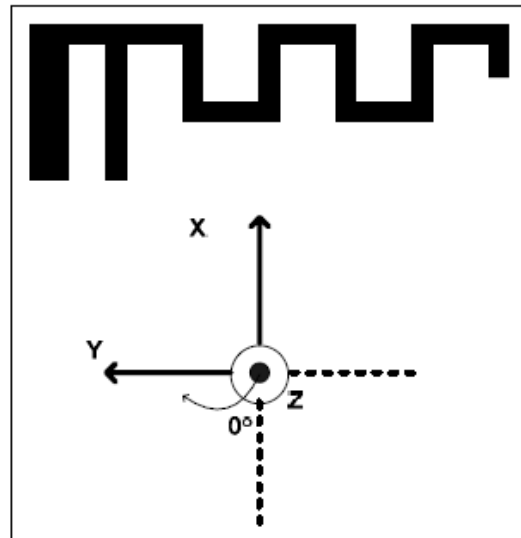
L1	1.32 mm
L2	2.70 mm
L3	5.00 mm
L4	2.64 mm
L5	2.00 mm
L6	4.90 mm
W1	0.90 mm
W2	0.50 mm
D1	0.50 mm
D2	0.30 mm
D3	0.30 mm
D4	0.50 mm
D5	1.40mm
D6	1.70 mm

Table 1: Antenna Dimensions

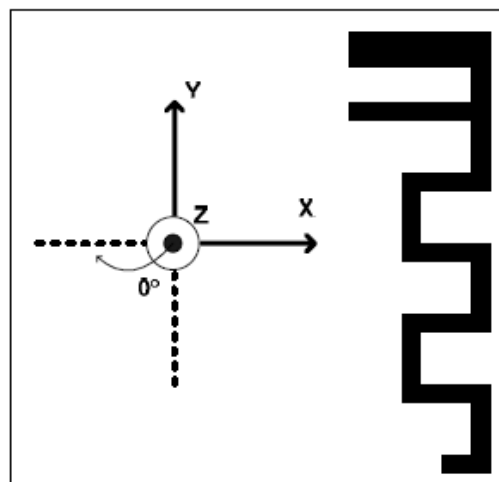
2、Radiation Pattern



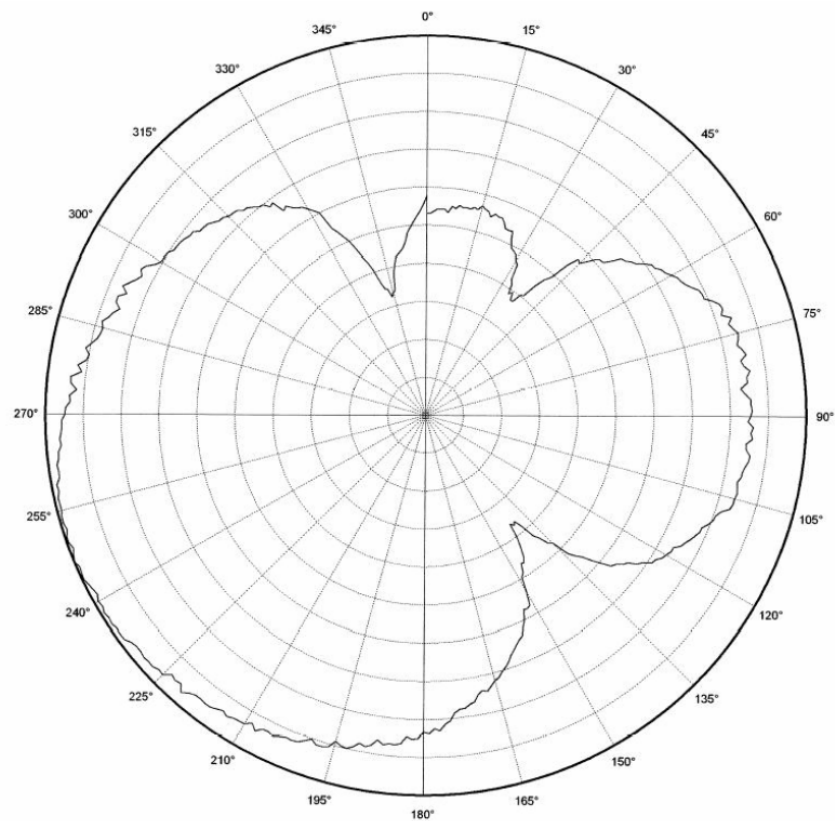
XY plane



YZ plane

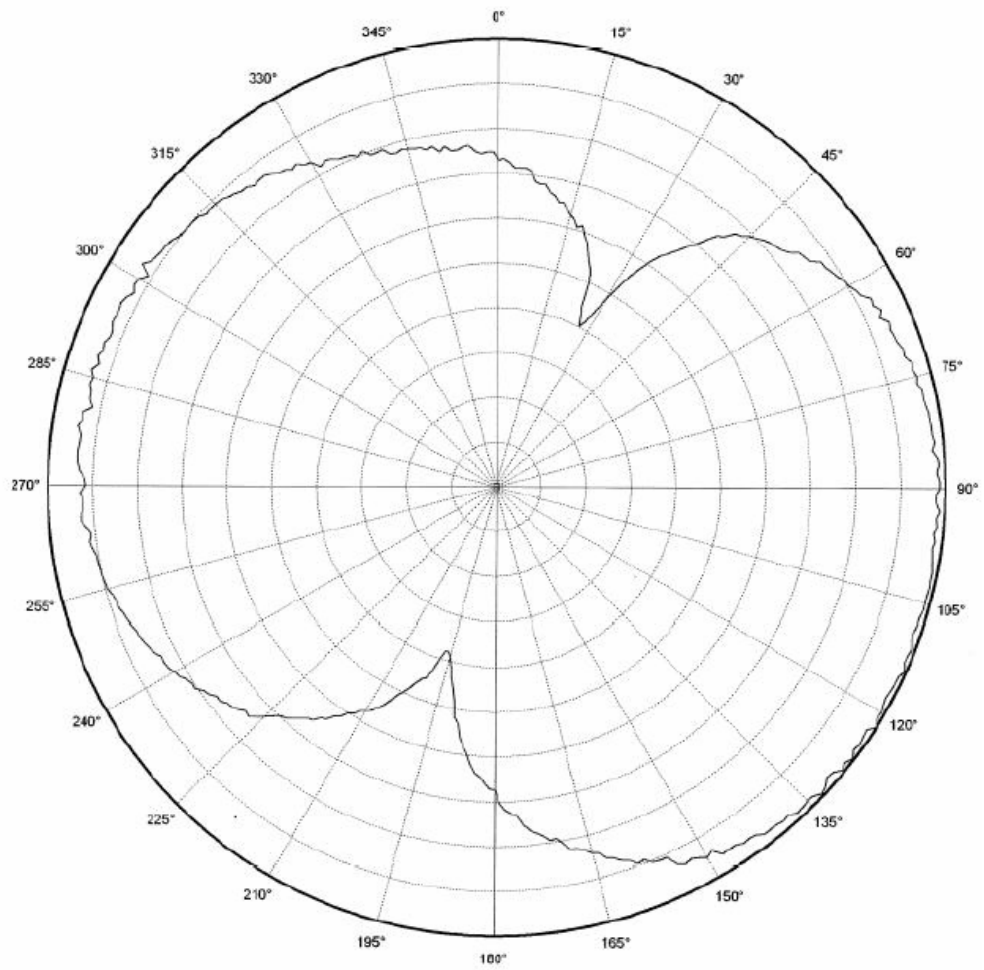


XZ plane



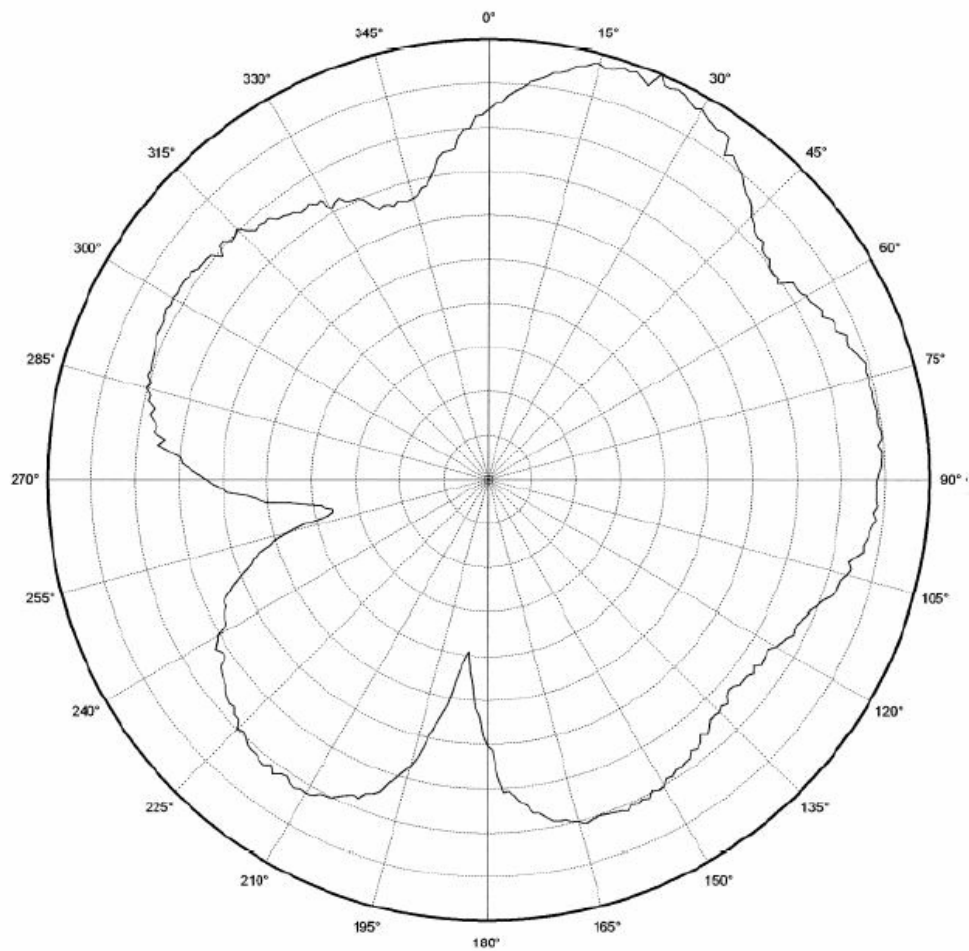
Vertical Polarization
usb XY

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



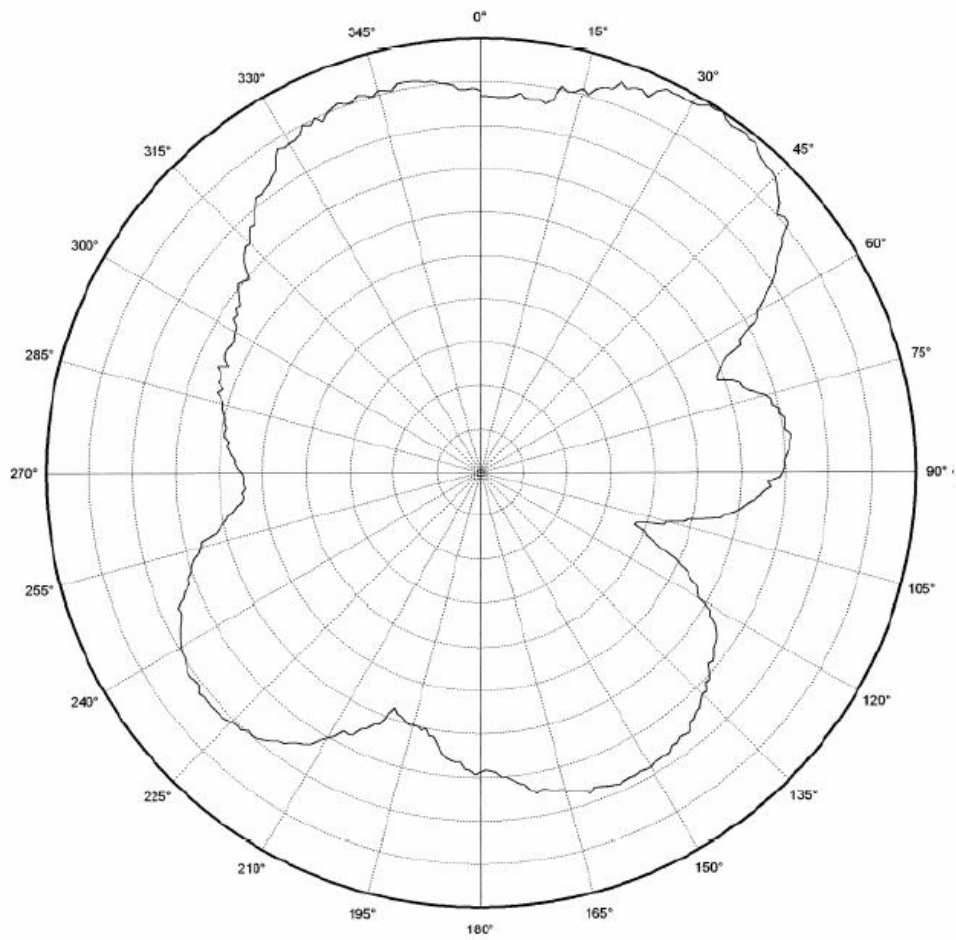
Horizontal Polarization
usb XY

CF 2450.000 MHz
5 dB/ div
Ref Lev: *4.5* dBm



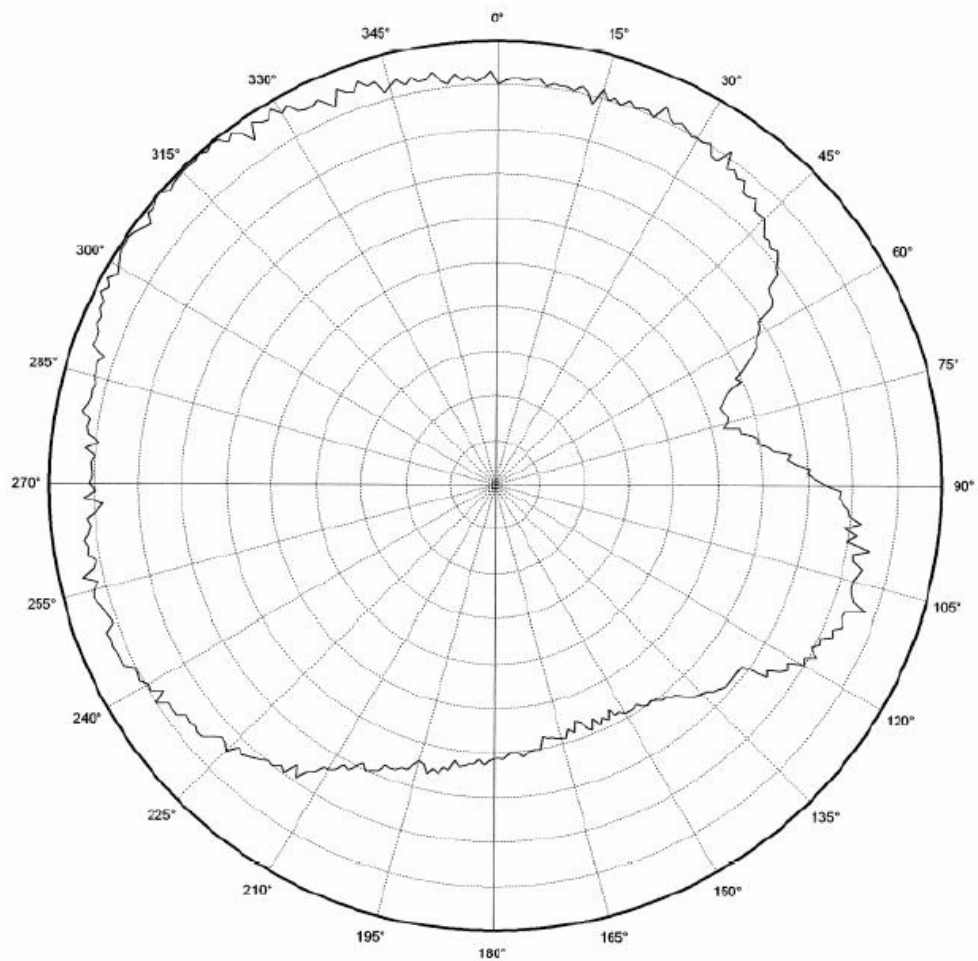
Vertical Polarization
usb XZ

CF 2450.000 MHz
4 dB/ div
Ref Lev: 2, 2 dBm



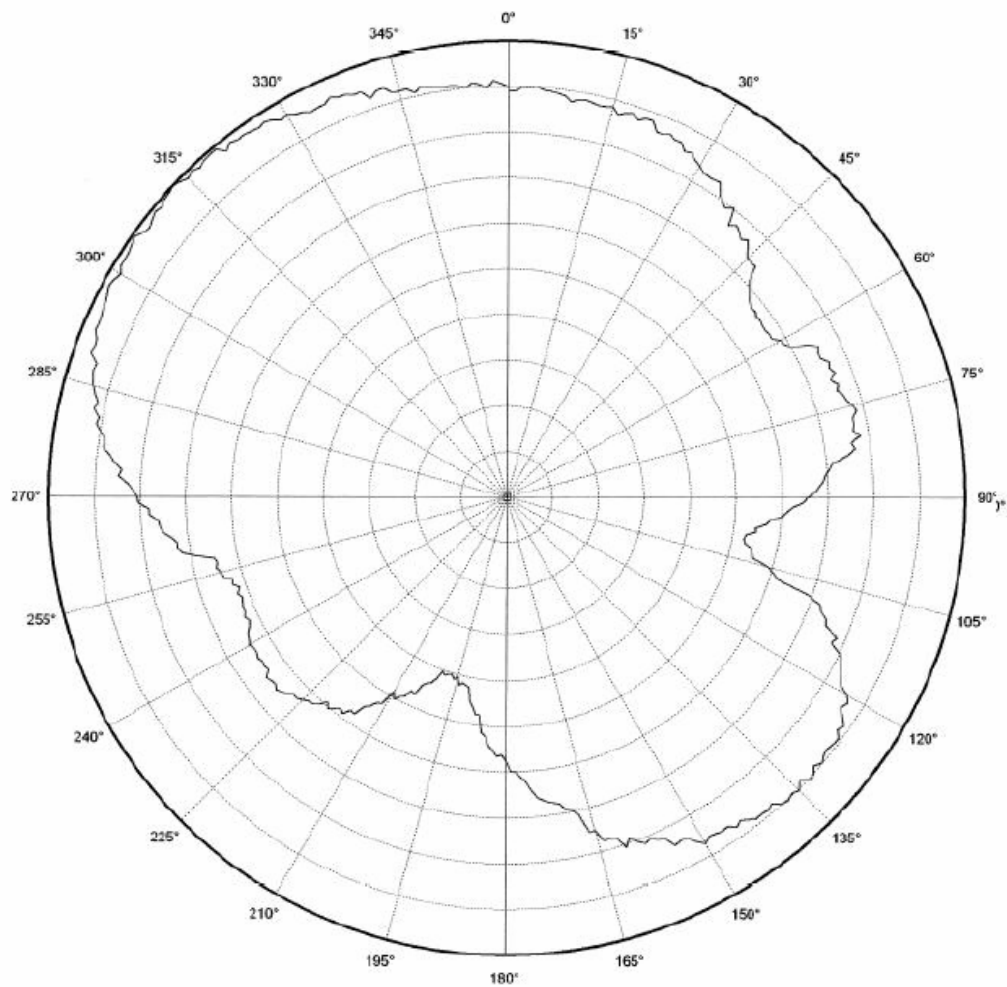
Horizontal Polarization
usb XZ

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: +5.3 dBm



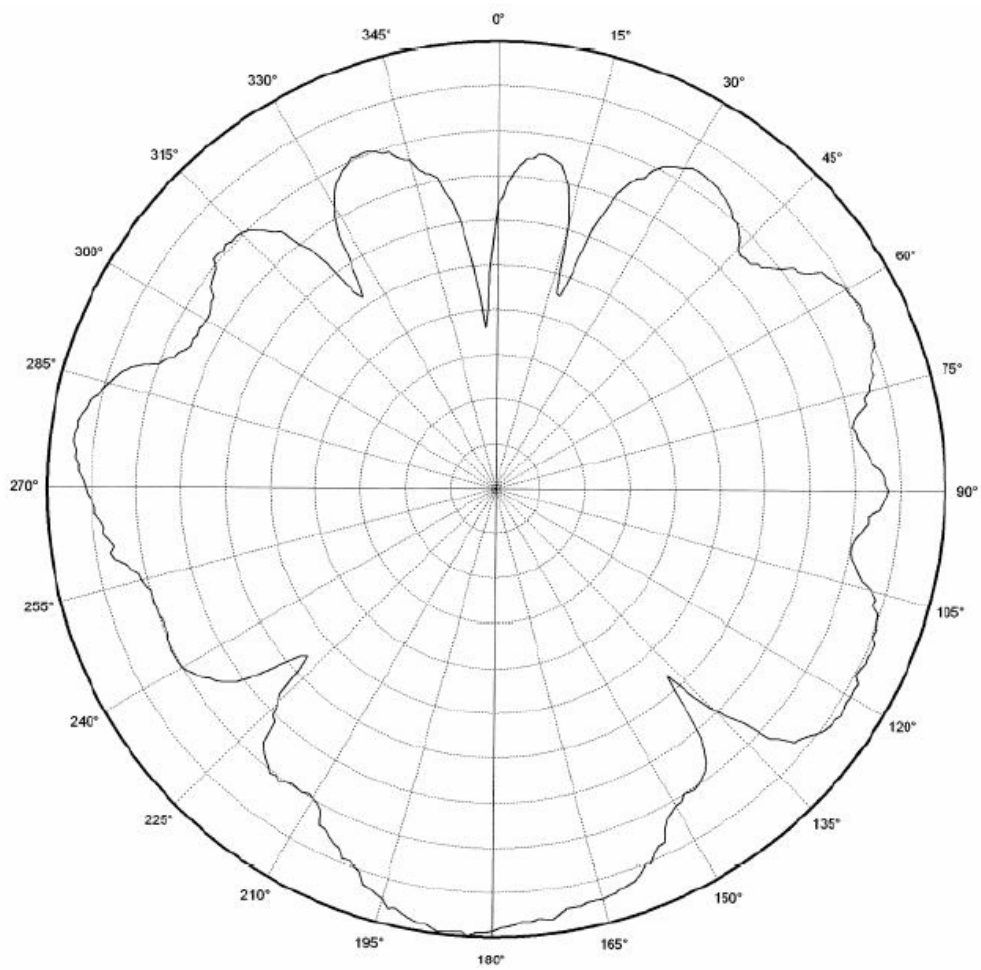
Horizontal Polarization

usb YZ

CF 2450.000 MHz

3 dB/ div

Ref Lev: ⁻¹²..... dBm_i



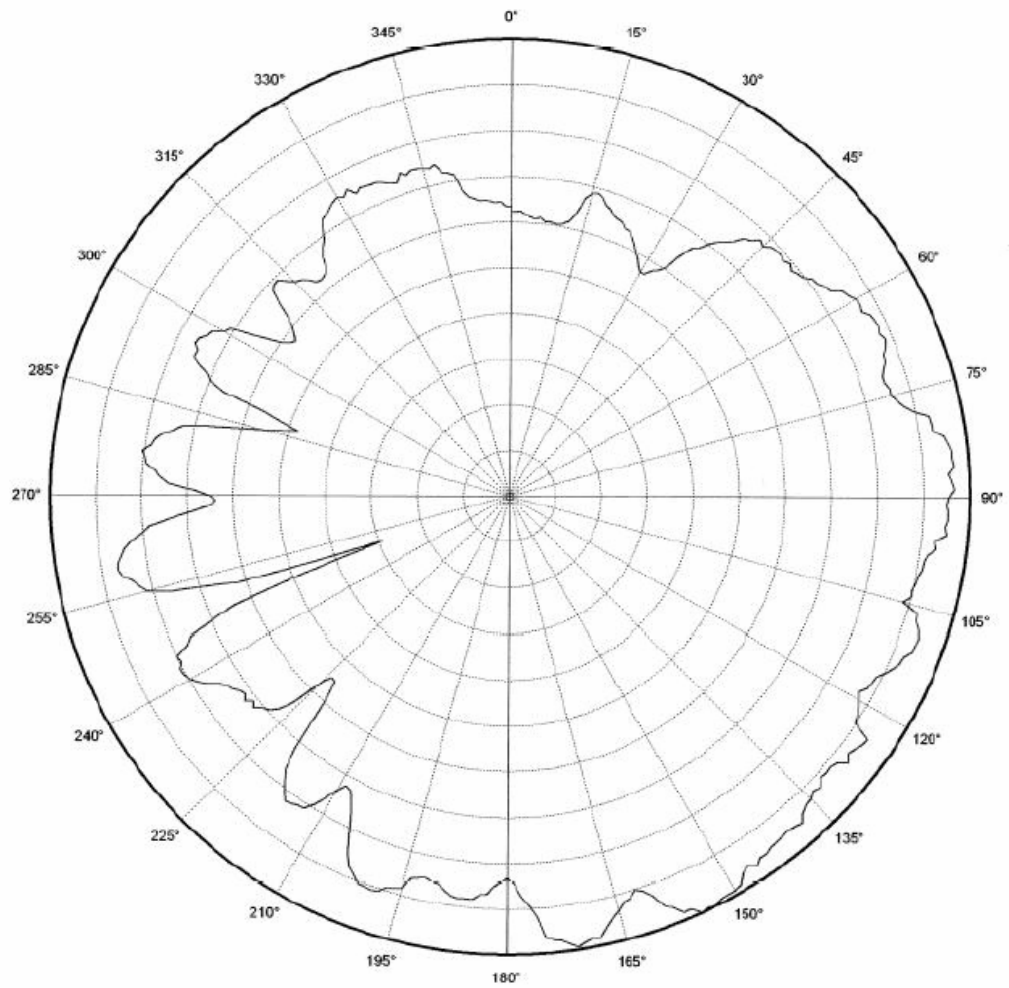
Vertical Polarization

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: 31.5 dBm

2、Antenna Gain: 0 dBi

3、Frequency Range: 2.4GHz~2.483GHz