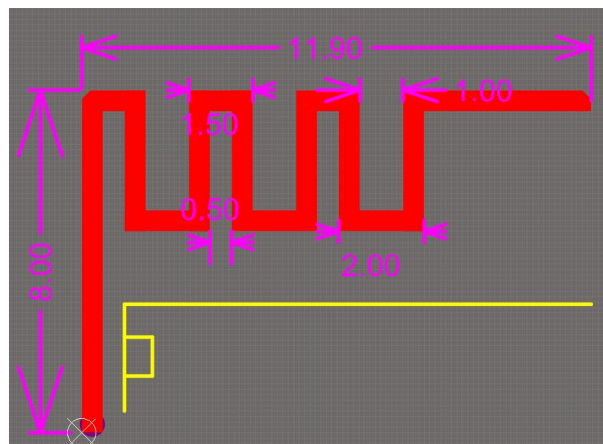


ANTENNA SPECIFICATION

1. Antenna Description

Antenna plate	Internal antenna
Market name/Model name	EW232-37
Manufacture	Iton Technology Corp
Antenna Max. Gain	1.58dBi
Frequency Range	2400-2500MHz
Connect Type	Integer antenna
VSWR	1.1
Antenna Type	PCB Antenna
Antenna Model	F2-2
Manufacture address: East of 7th Floor, Building C, Shenzhen International Innovation Center (Futian Science and Technology Plaza), No. 1006 Shennan Avenue, Huaifu Street, Futian District, Shenzhen	

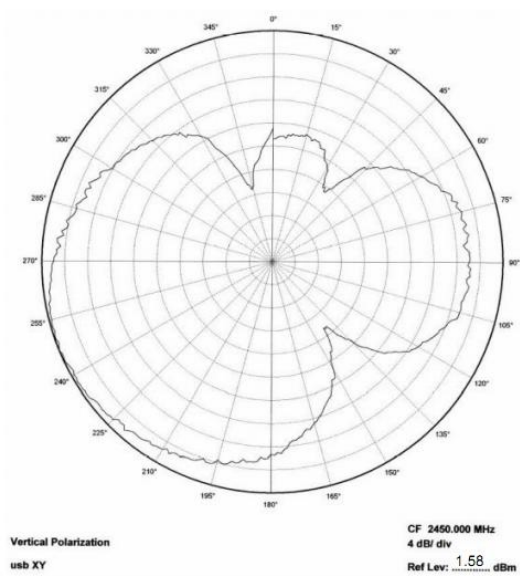
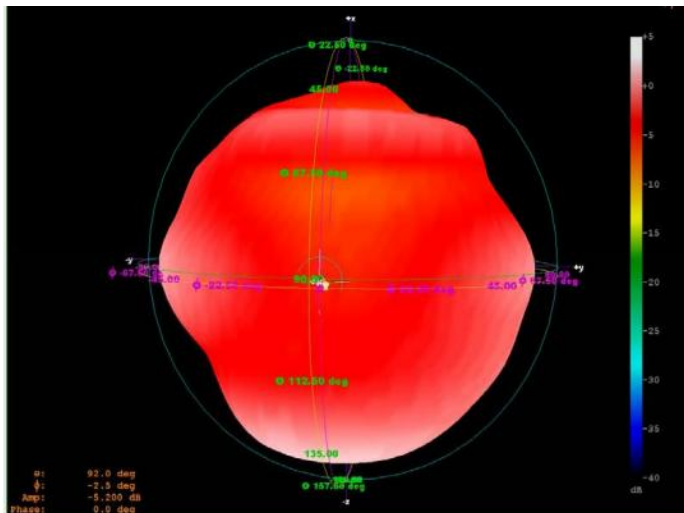
2. Picture of antenna

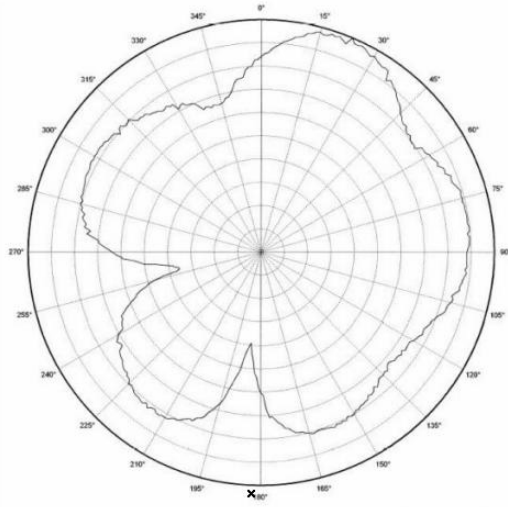


3. Antenna Gain

Fre (MHz)	Eff (%) (dB)	Gain (dB)
2400	38.58	1.08
2410	36.56	0.98
2420	38.85	1.17
2430	39.88	1.25
2440	42.3	1.33
2450	47.05	1.58
2460	40.56	1.28
2470	37.02	1.02
2480	38.71	1.12
2490	39.27	1.19
2500	37.12	1.04

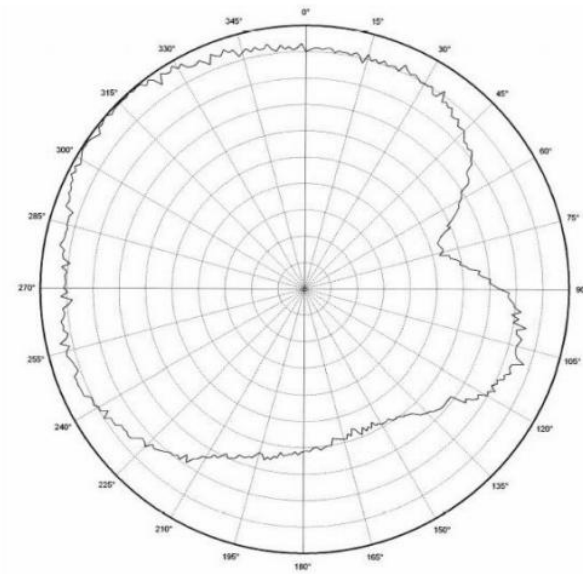
4. Antenna Radiation Pattern





Vertical Polarization
usb XZ

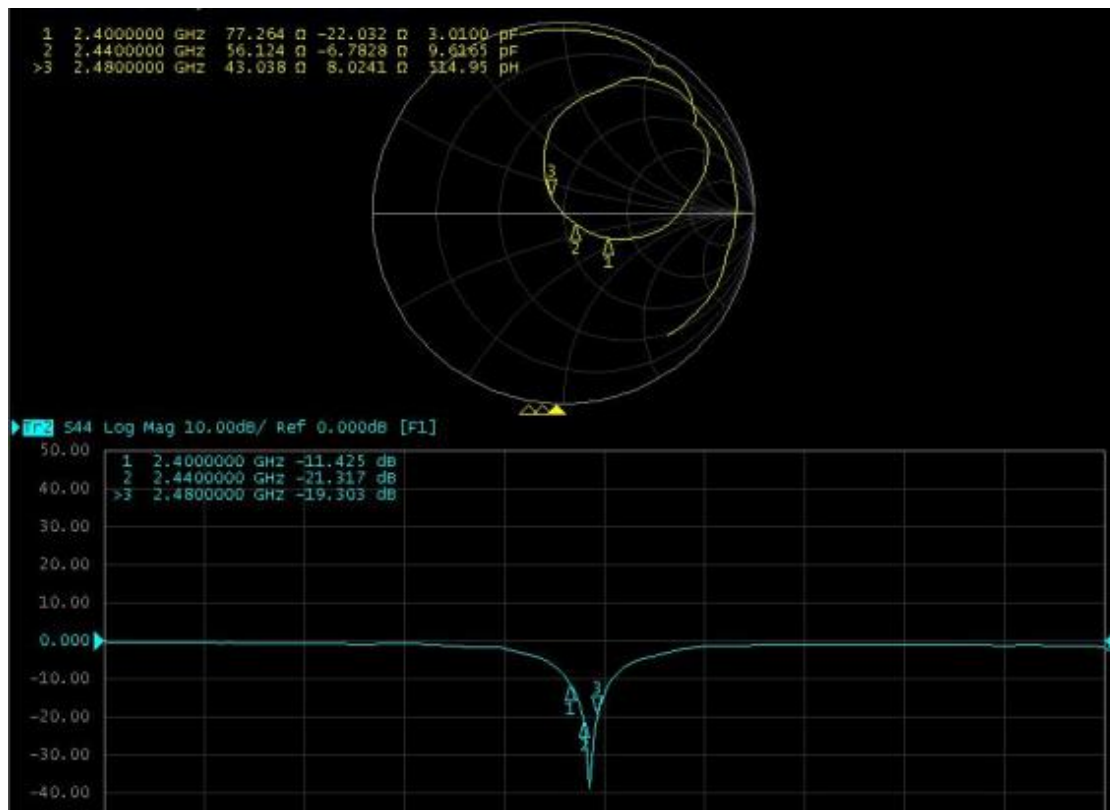
CF 2450.000 MHz
4 dBI/div
Ref Lev: 1.4 dBm



Vertical Polarization
usb YZ

CF 2450.000 MHz
2 dBI/div
Ref Lev: 1.2 dBm

5. Antenna Return Loss



6. The Environment of Antenna Radiation Pattern

