

Antenna Data Sheet

1. General Description

EUT Name	L3_PCB Antenna
Wireless Type	Bluetooth
Antenna Type	PCB Antenna
Application	2.4GHz ISM band RF applications Bluetooth, Wireless, RF
Manufacturer	SHENZHEN MEILAN TECHNOLOGY CO., LTD
Address	5/F, B16 Building, Hezhou Hengfeng Industrial City, Xixiang Street, Baoan District, Shenzhen 518133, China

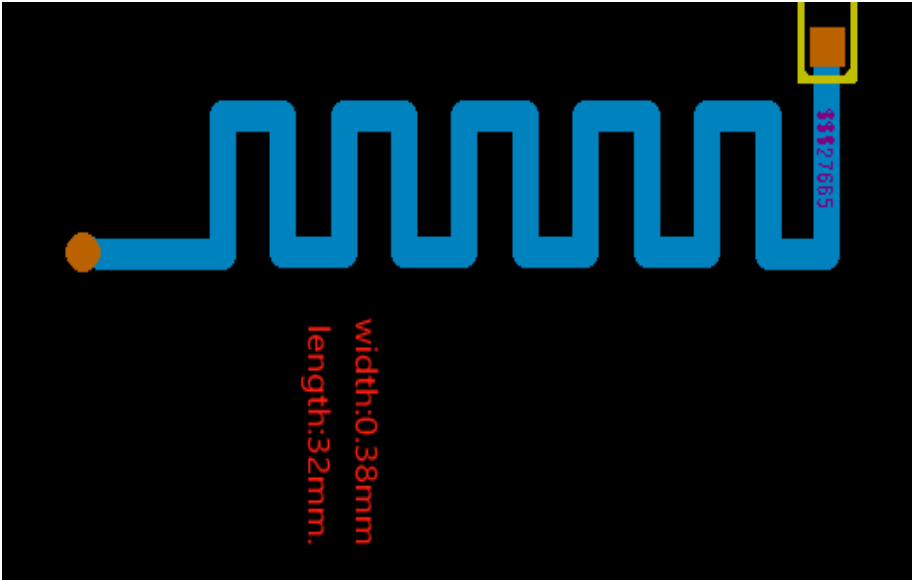
2. Technical Information

Frequency Range	2400-2500MHz
Test Frequency	2400, 2410…… 2490, 2500MHz

3. Test Standards

Identify	Documents Title
IEEE 149-1979	IEEE Standard Test Procedures for Antennas

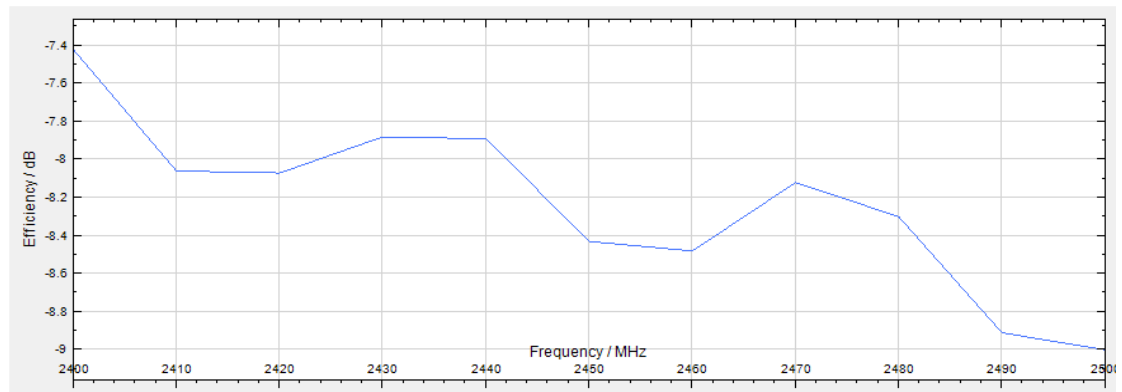
4. Antenna Dimensions



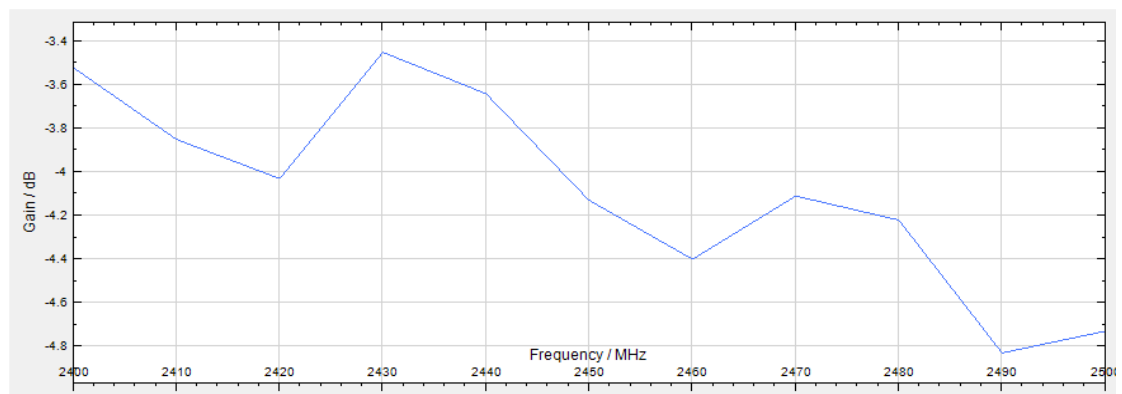
5. Antenna Gain and Efficiency

Frequency (MHz)	Efficiency	Efficiency (%)	Gain (dBi)
2400	-7.42	18.11	-3.52
2410	-8.06	15.63	-3.85
2420	-8.07	15.60	-4.03
2430	-7.88	16.29	-3.45
2440	-7.89	16.26	-3.64
2450	-8.43	14.35	-4.13
2460	-8.48	14.19	-4.40
2470	-8.12	15.42	-4.11
2480	-8.30	14.79	-4.22
2490	-8.91	12.85	-4.83
2500	-9.00	12.59	-4.73

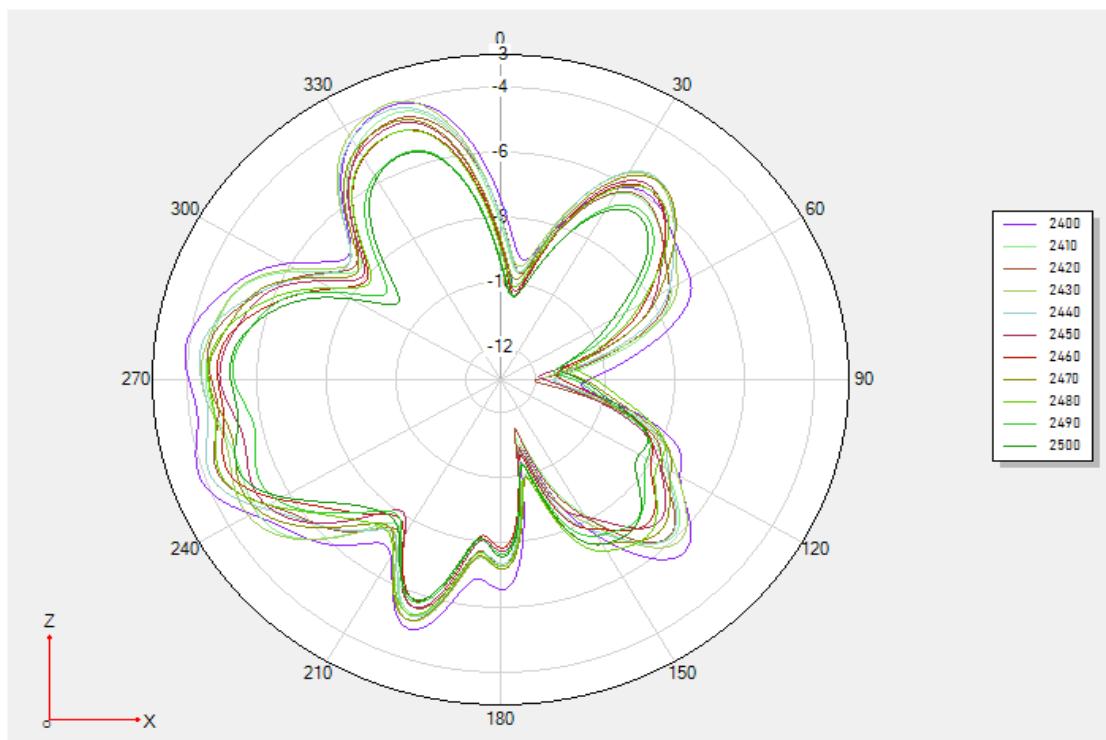
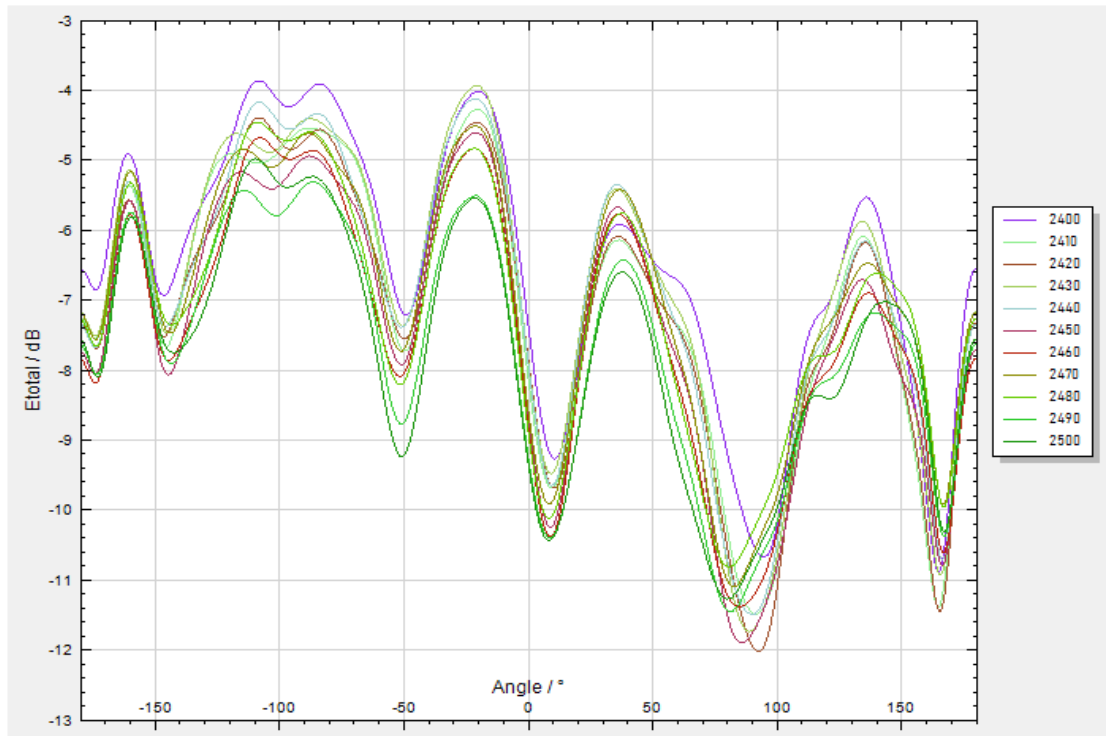
Antenna Efficiency



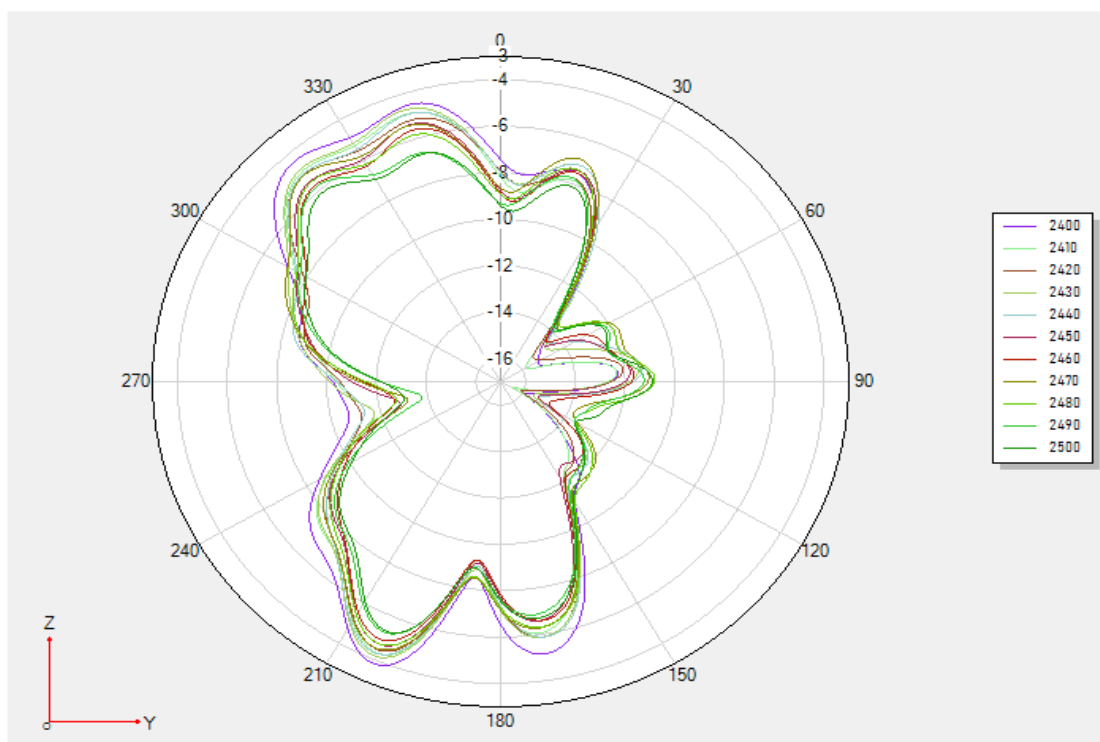
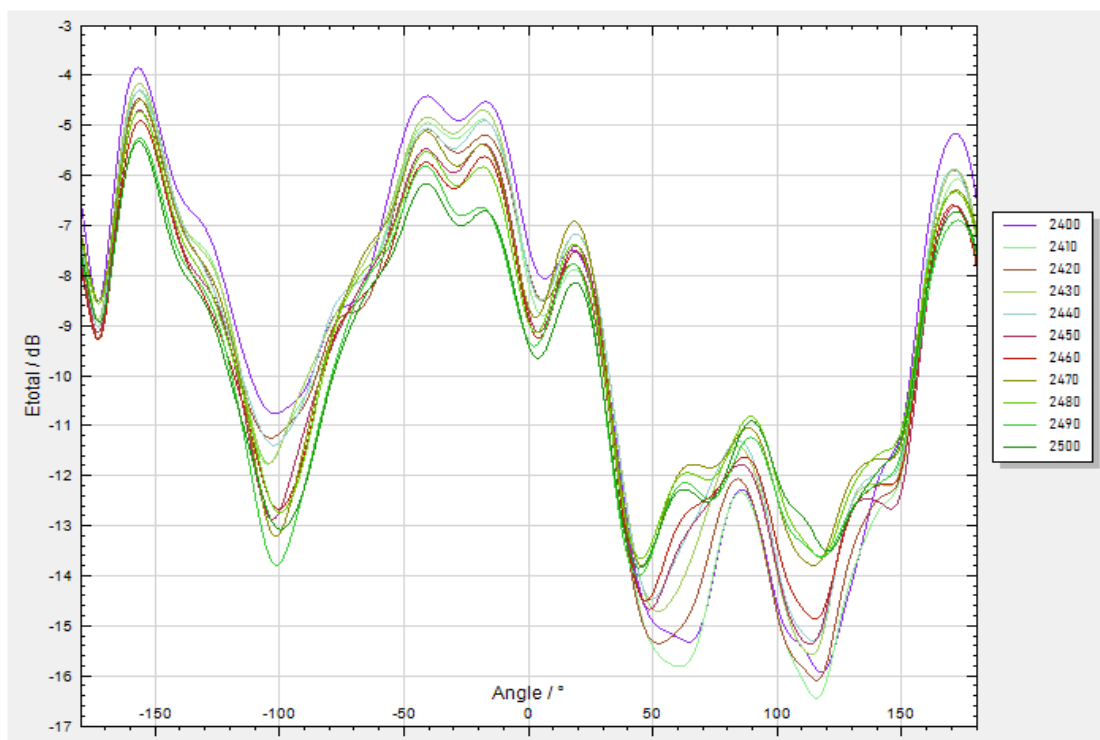
Antenna Gain



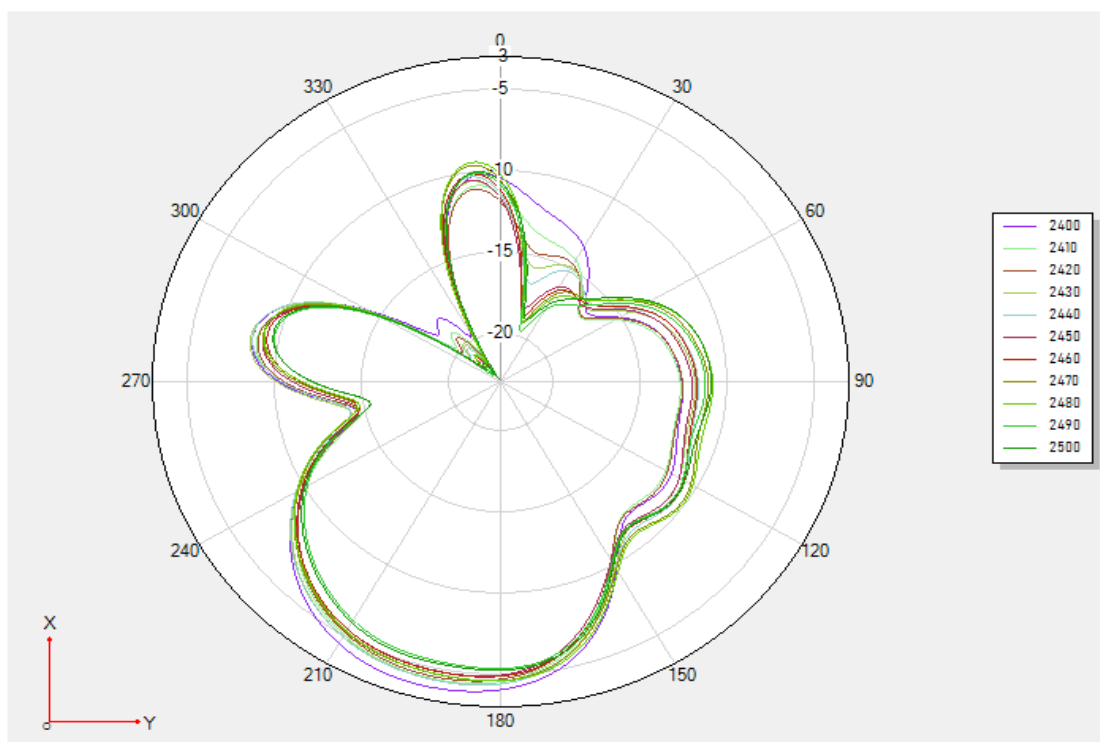
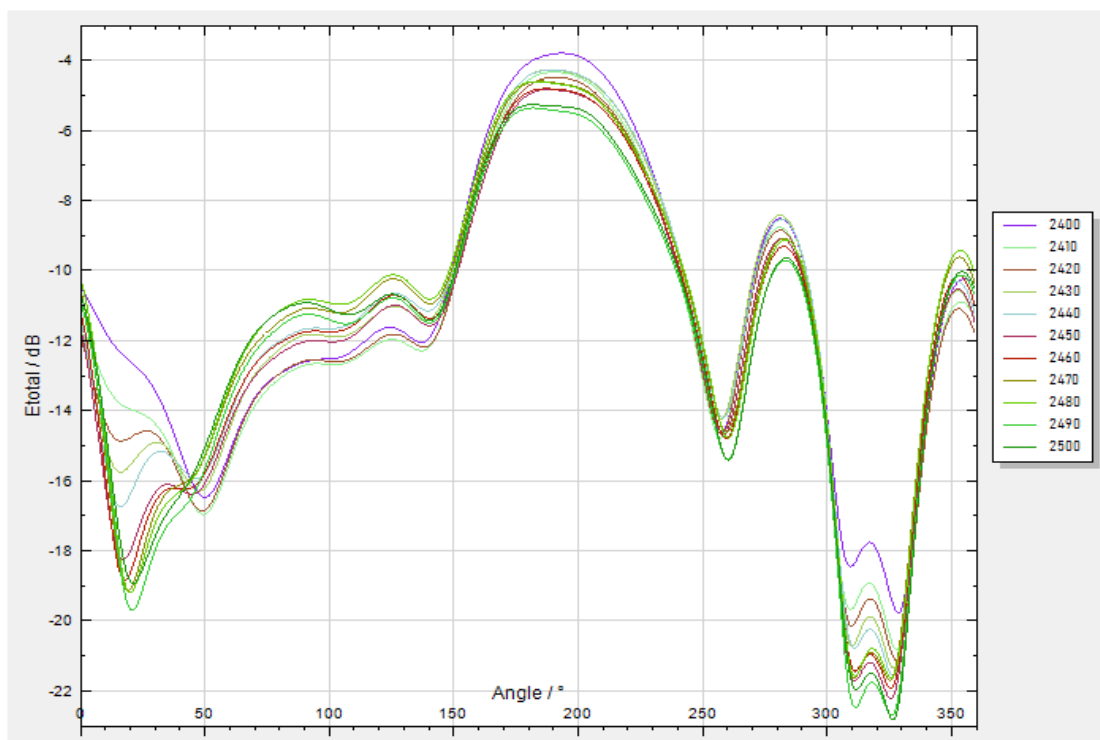
6. Antenna Radiation Pattern (2D and 3D)



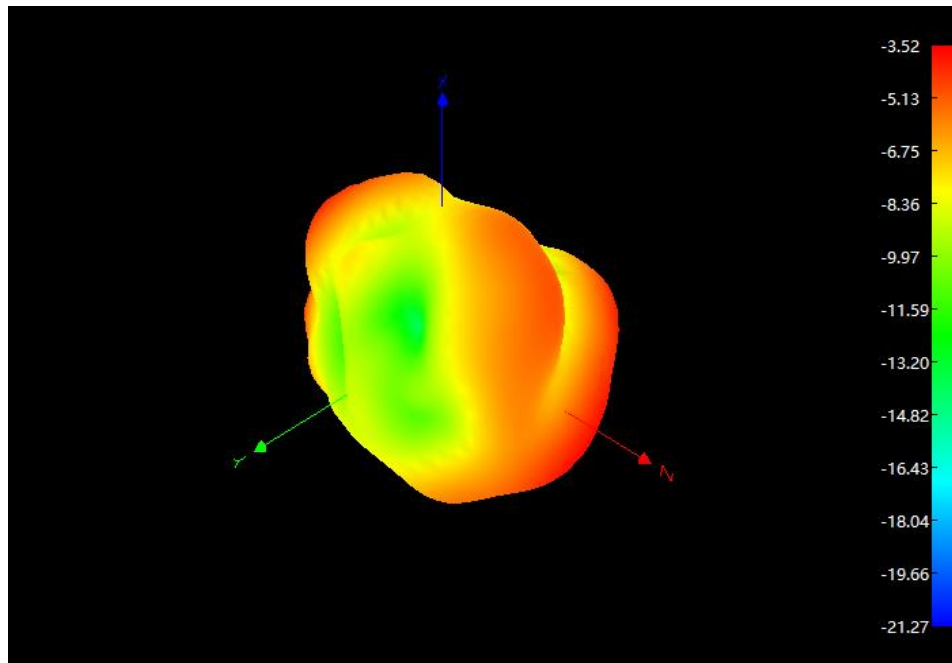
Φ_0



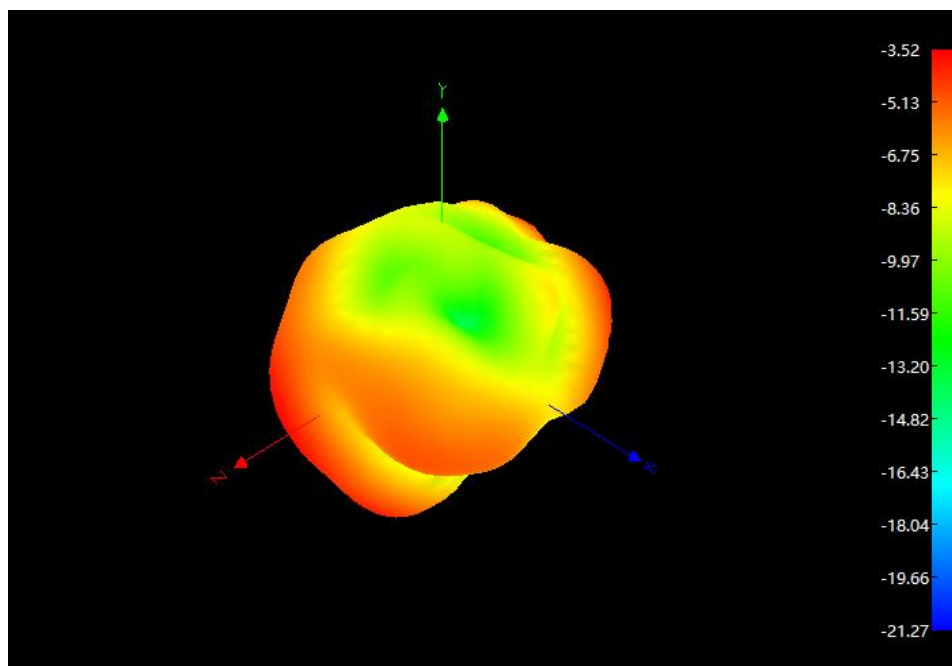
Phi 90



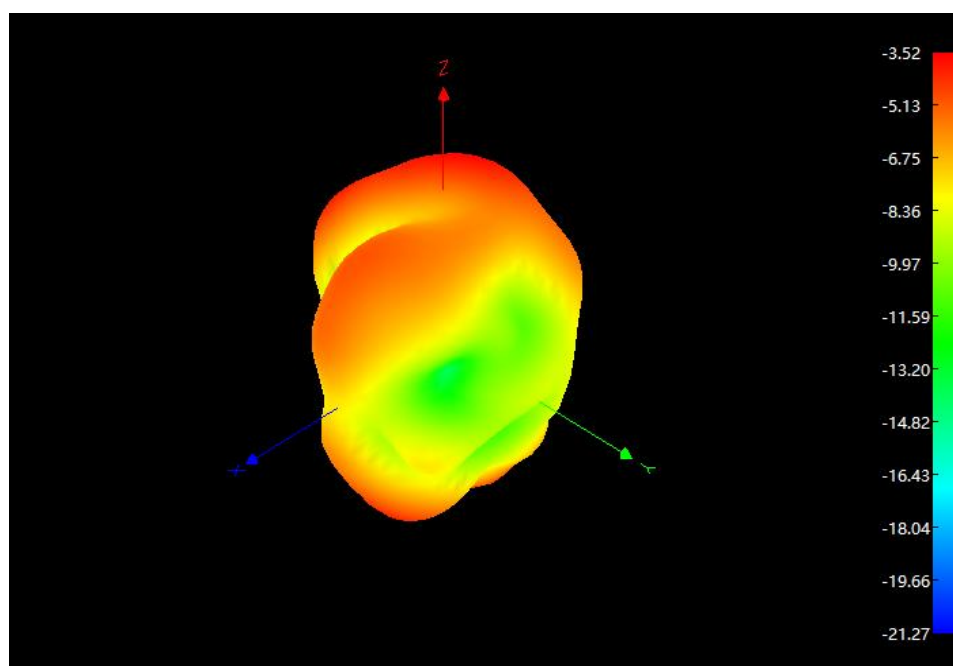
Theta 90



2400MHz



2450MHz



2500MHz