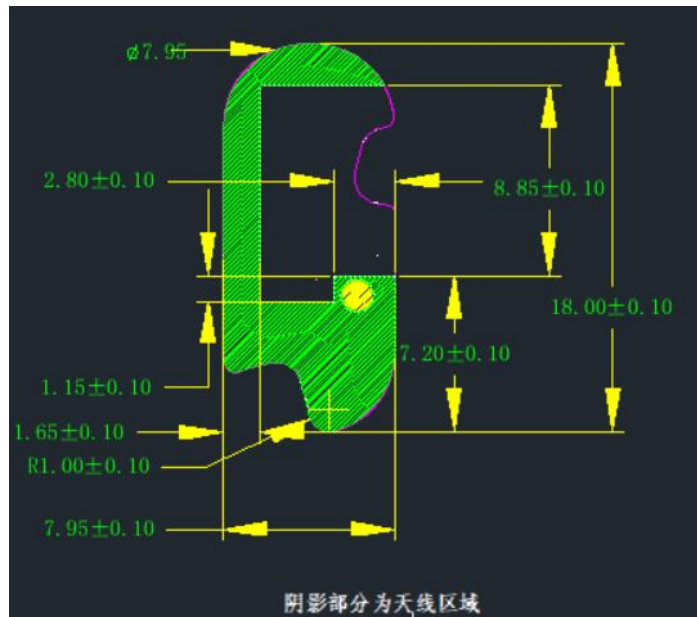


G9S-Antenna Specification

1、Electrical performance

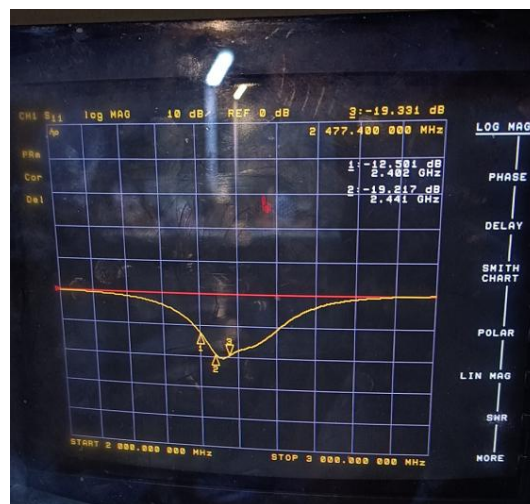
- 1.1) Type of Antenna: FPC antenna
- 1.2) Frequency range: 2400MHz ~ 2500MHz
- 1.3) Gain: 1.63dBi
- 1.4) Impedance: 50 ohm
- 1.5) VSWR: ≤ 2
- 1.6) Return Loss: ≤ -10 dB
- 1.7) Polarization: Linear
- 1.8) Radiation: Omni-directional
- 1.9) Model: G9S
- 1.10) Manufacturer: Guangdong Antexin Technology Co., LTD
- 1.11) Brand: Guangdong AntexinTechnology Co., LTD

2、Antenna graph



(a) FPC antenna

3、 Network analyzer graph



(b) Return Loss



(c) VSWR



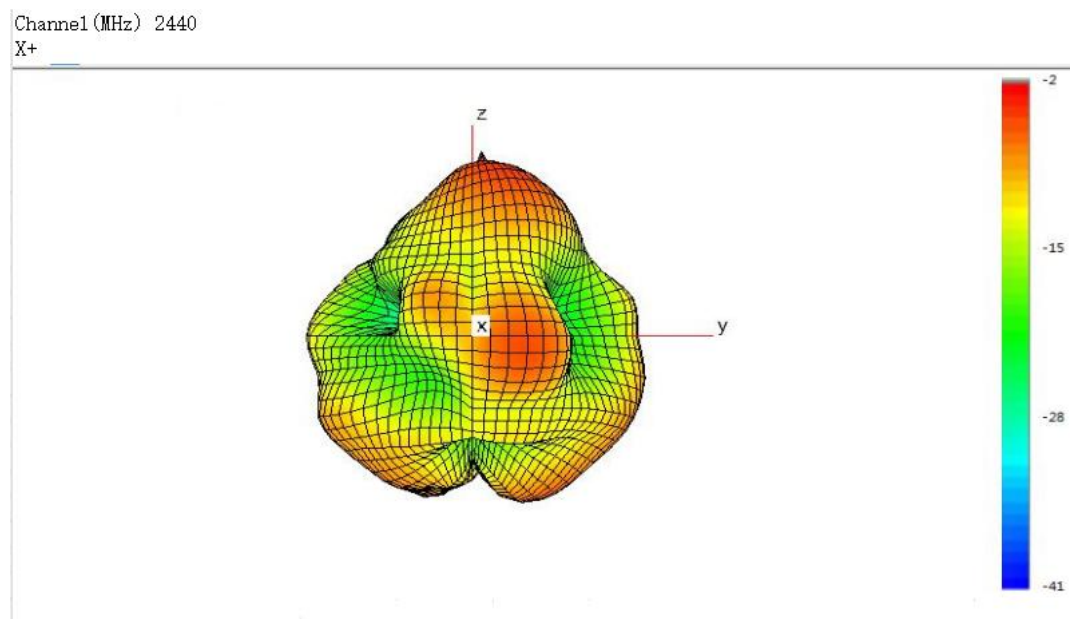
(d) Smith Cha

4、 Gain pattern

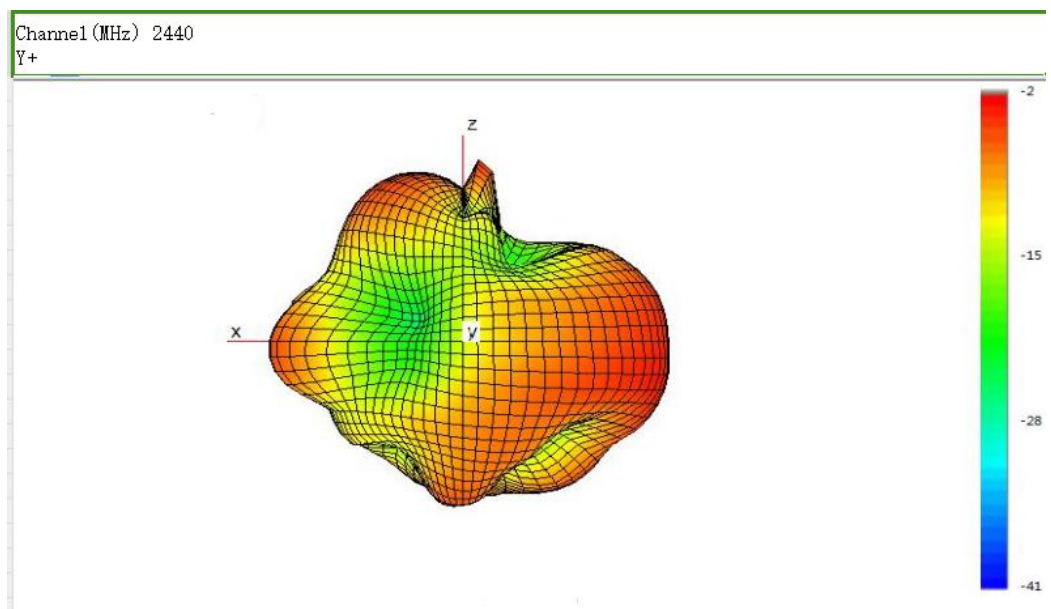
4.1) Gain chart

Freq(MHz)	Gain(dB)	Efficiency(dB)	Efficiency(%)
2400	1.14	-5.55	29.56
2410	1.48	-5.14	29.03
2420	1.63	-4.88	31.26
2430	0.84	-5.63	27.86
2440	1.07	-5.30	30.61
2450	1.14	-5.18	32.50
2460	0.53	-5.57	29.54
2470	0.78	-5.17	30.35
2480	0.79	-5.04	27.75
2490	0.42	-5.20	30.42
2500	-0.66	-6.02	31.34

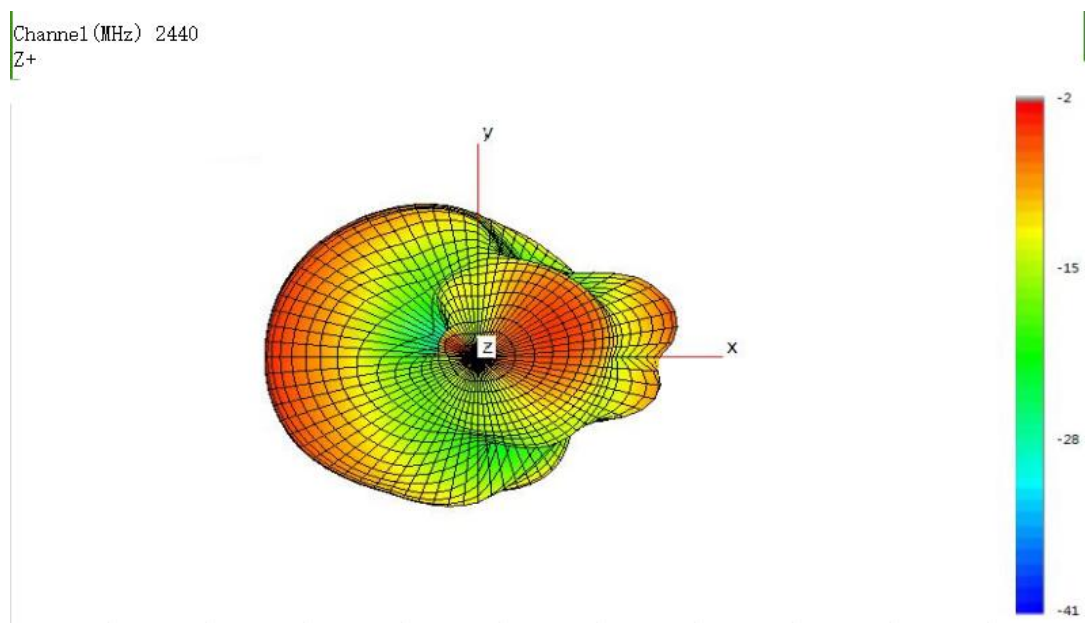
4.2) 3D gain pattern



(e) 3D gain pattern, X+

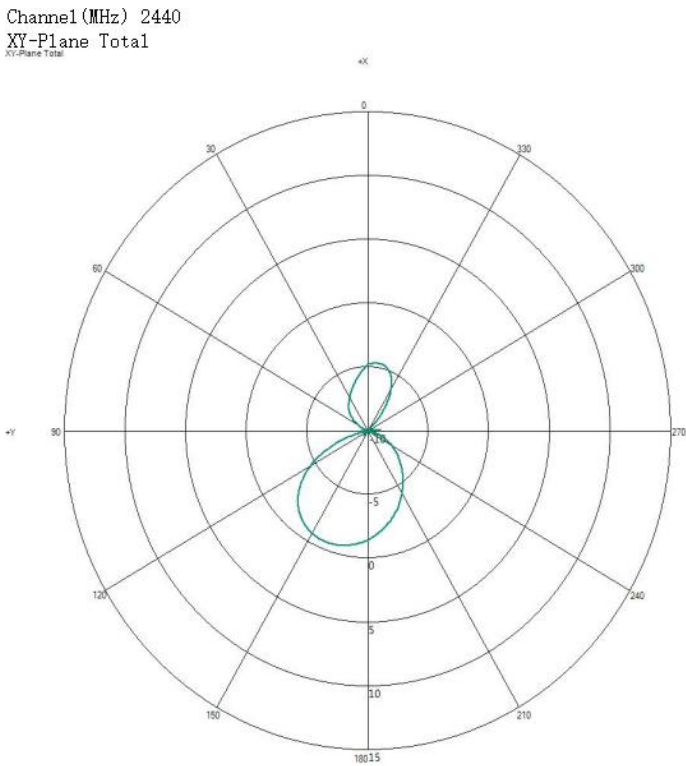


(f) 3D gain pattern, Y+

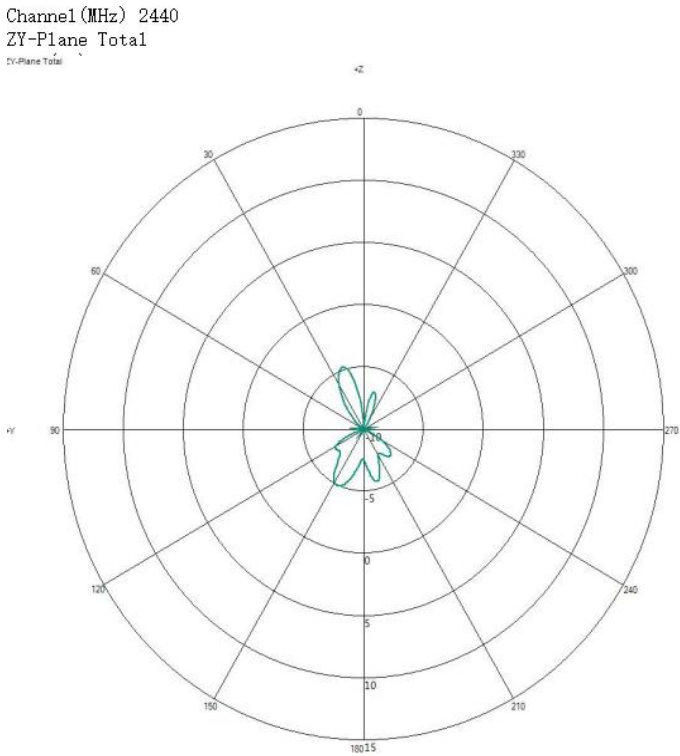


(g) 3D gain pattern, Z+

4.3) 2D gain pattern

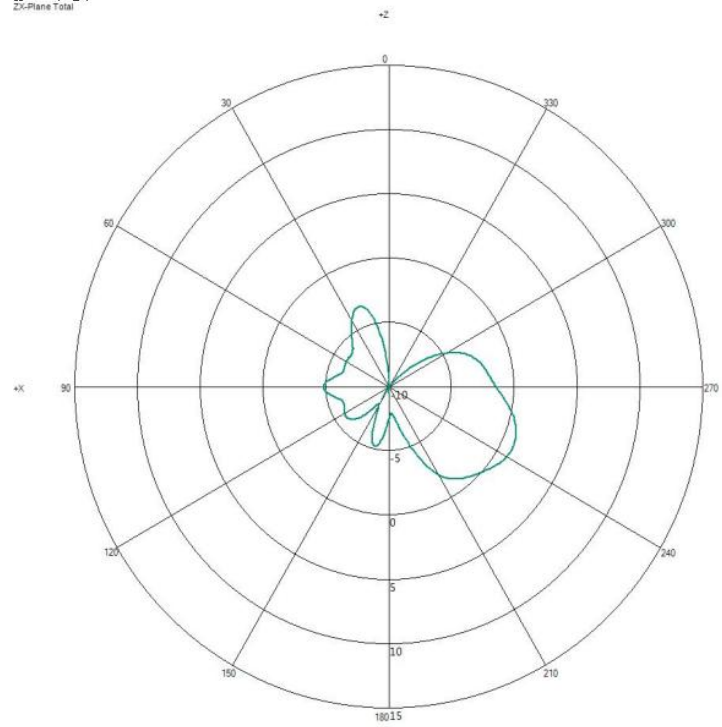


(f) 2440MHZ FPC antenna (XY-Plane)



(g) 2440MHZ FPC antenna (ZY-Plane)

Channel(MHz) 2440
ZX-Plane Total
ZX-Plane Total



(h) 2440MHZ FPC antenna (ZX-Plane)