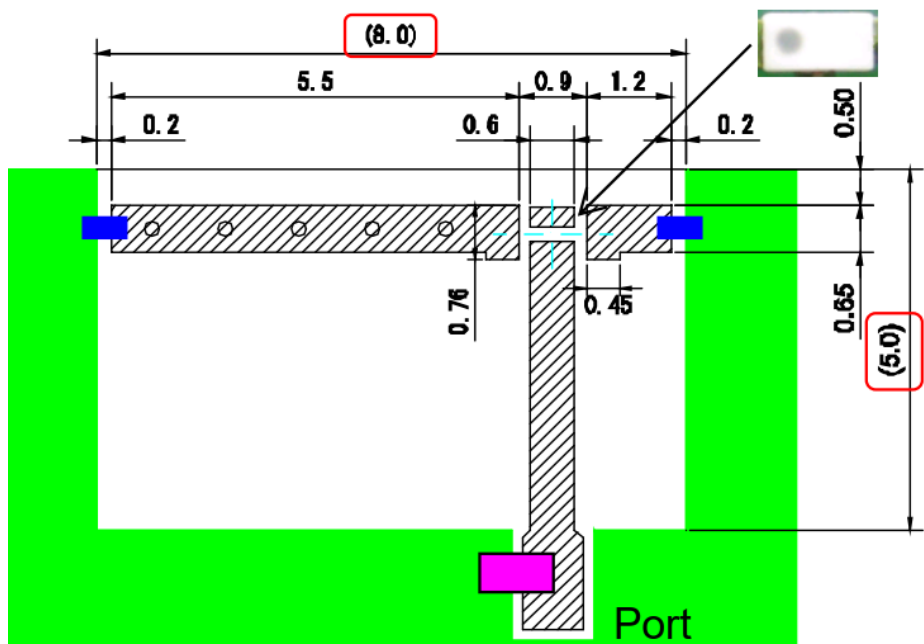


Manufacturer: Shenzhen Feima Robotics Co., Ltd.
Address: 13th Floor, Building A4, Nanshan Zhiyuan, No. 1001 Xueyuan Avenue, Taoyuan Street, Nanshan District, Shenzhen, China

Model: ANT162442DT-2001A2

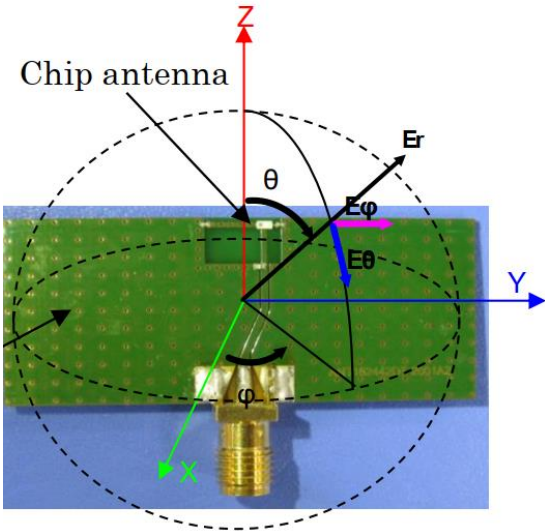
1. Dimension (unit: mm)



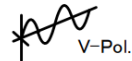
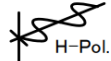
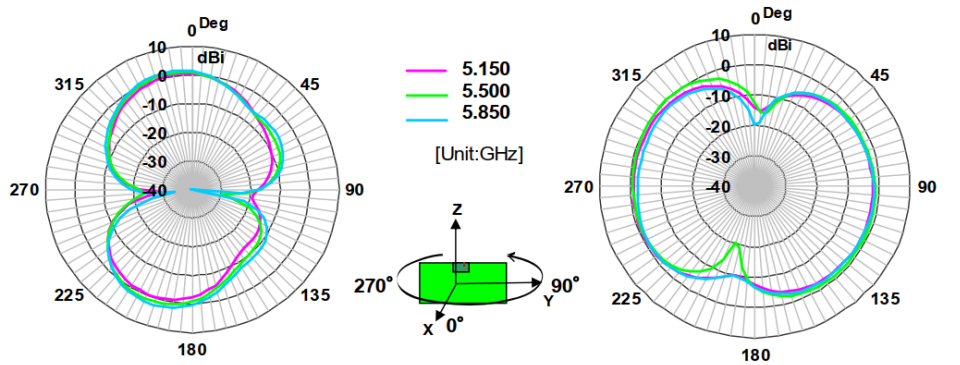
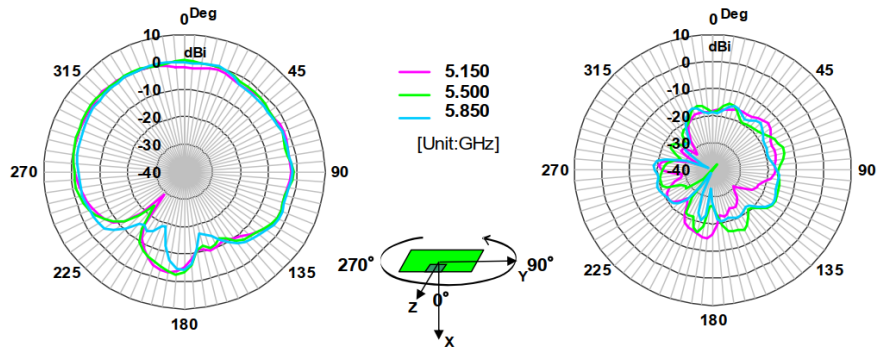
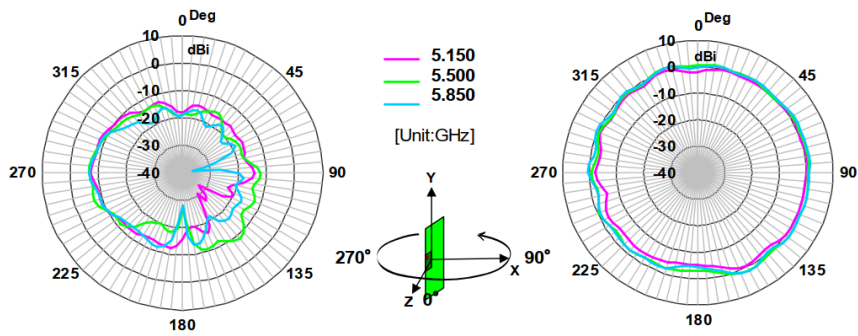
2. Gain

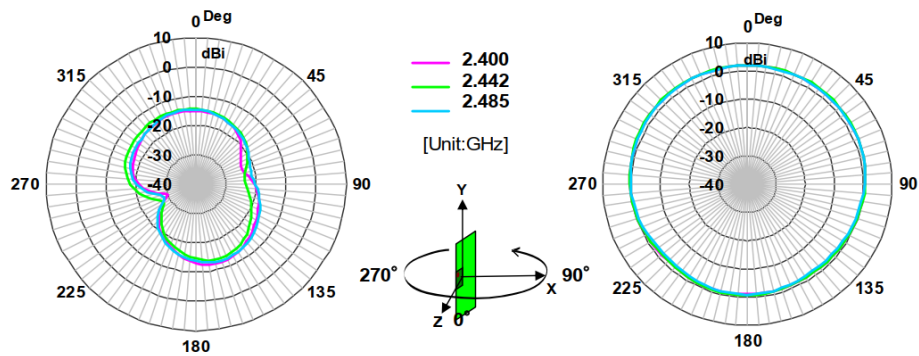
Parameter	Frequency (MHz)			
		Min.	Typ.	Max.
Antenna Gain (dBi)**	2400 to 2484	-	2.13	-
	5150 to 5850	-	2.30	-

3. Radiation Pattern



Radiation Pattern



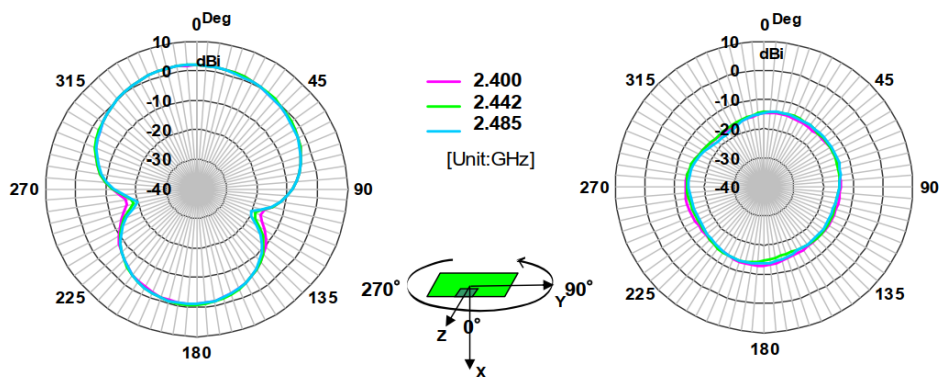


Horizontal Polarization

Frequency[GHz]	2.400	2.442	2.485
Average[dBi]	-16.54	-16.59	-16.37
Maximum[dBi]	-12.01	-13.47	-12.72
Minimum[dBi]	-30.09	-27.57	-28.66

Vertical Polarization

Frequency[GHz]	2.400	2.442	2.485
Average[dBi]	0.57	0.67	0.35
Maximum[dBi]	2.02	2.13	1.90
Minimum[dBi]	-1.35	-1.43	-2.16

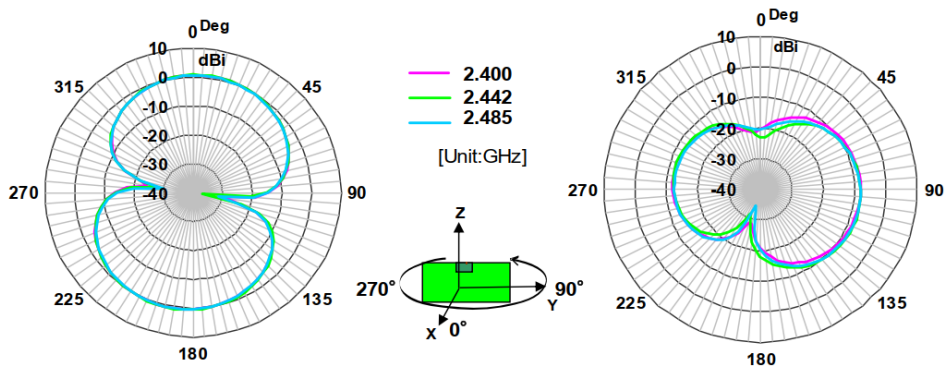


Horizontal Polarization

Frequency[GHz]	2.400	2.442	2.485
Average[dBi]	-2.27	-2.13	-2.37
Maximum[dBi]	1.94	2.08	1.96
Minimum[dBi]	-17.08	-18.95	-20.38

Vertical Polarization

Frequency[GHz]	2.400	2.442	2.485
Average[dBi]	-14.44	-14.68	-14.79
Maximum[dBi]	-12.83	-13.39	-13.42
Minimum[dBi]	-17.10	-16.69	-18.01



Horizontal Polarization

Frequency[GHz]	2.400	2.442	2.485
Average[dBi]	-2.32	-2.22	-2.51
Maximum[dBi]	0.69	0.81	0.54
Minimum[dBi]	-30.39	-36.66	-31.21

Vertical Polarization

Frequency[GHz]	2.400	2.442	2.485
Average[dBi]	-12.31	-12.26	-12.40
Maximum[dBi]	-8.06	-7.88	-7.97
Minimum[dBi]	-28.70	-31.60	-34.56

H-Pol.

V-Pol.