



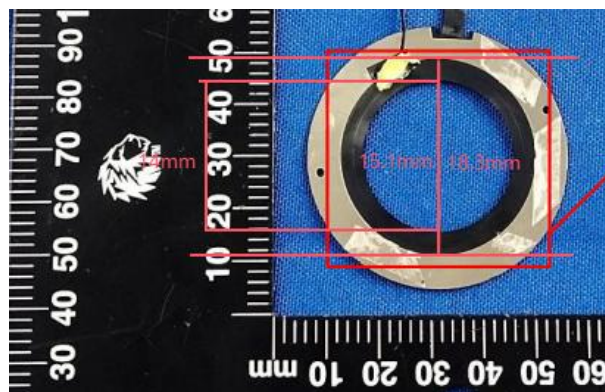
Antenna specification sheet

NO.	DETAILS
1	ANT model: LOCK_2
2	2400-2500MHz
3	≤ 2.0
4	50 Ω
5	Slot
6	ANT Type: PCB Antenna
7	BT Max. Gain: 3.52dBi
8	Manufacturer: Shenzhen Shuodian Electronic Technology Co.,Ltd

S11:

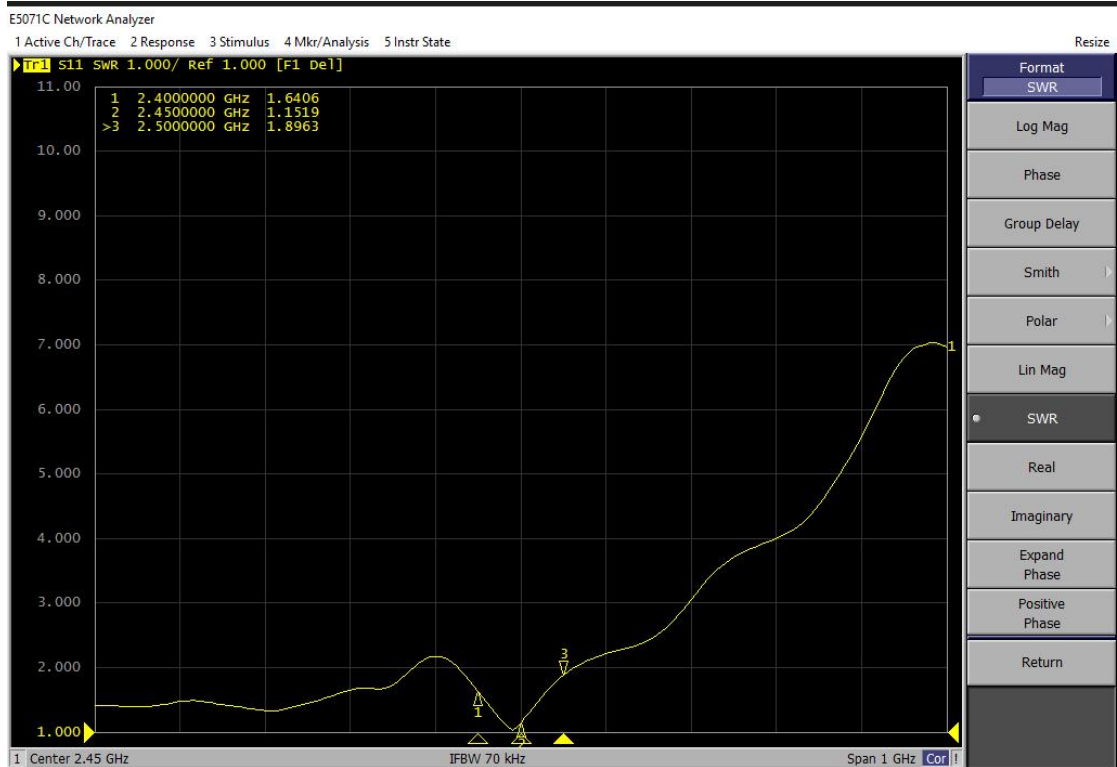
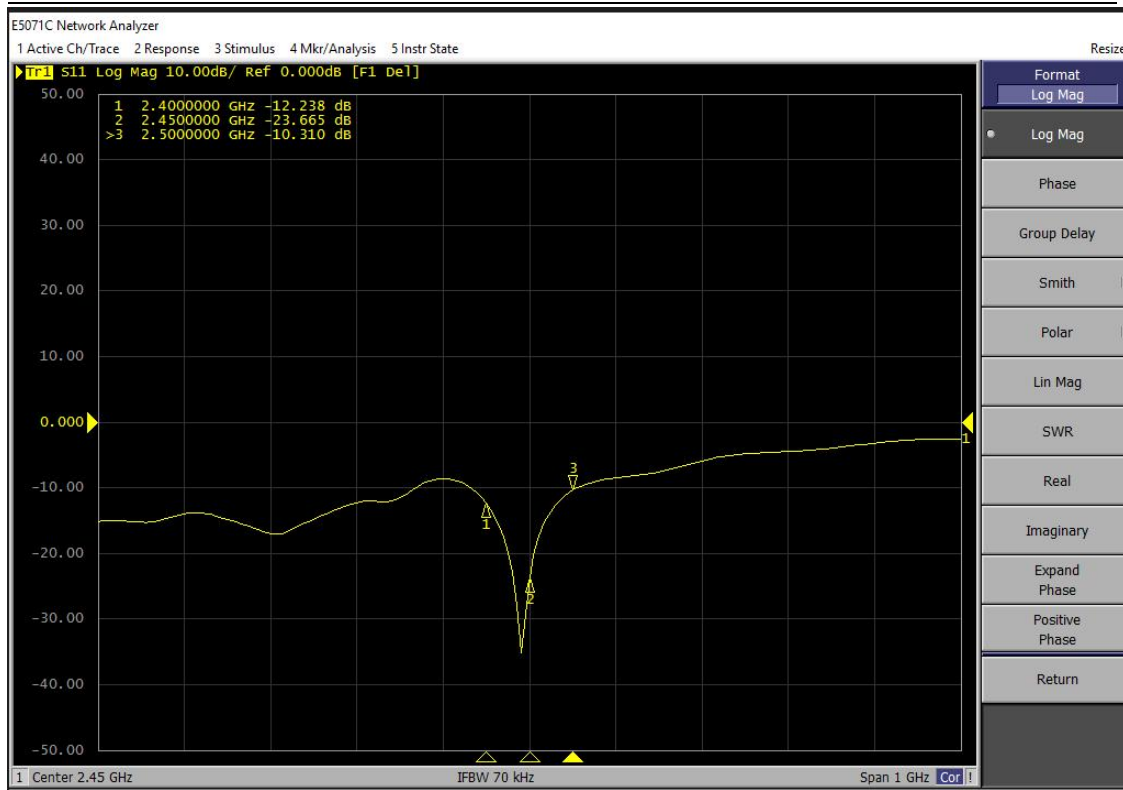
Marker	2400MHz	2450MHz	2500MHz
Returnloss	-12.23	-23.66	-10.31
VSWR	1.64	1.15	1.89

ANT size:





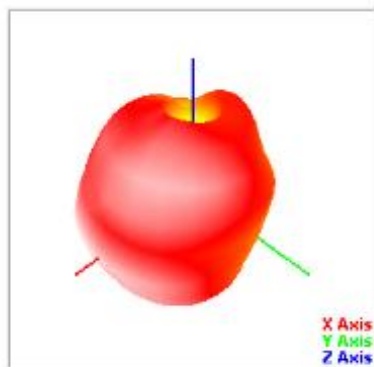
Shenzhen Shuodian Electronic Technology Co.,Ltd



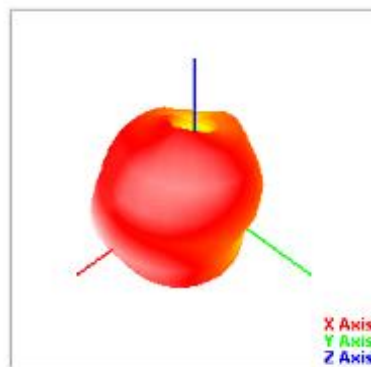


4.23 Gain、efficiency、 direction diagram

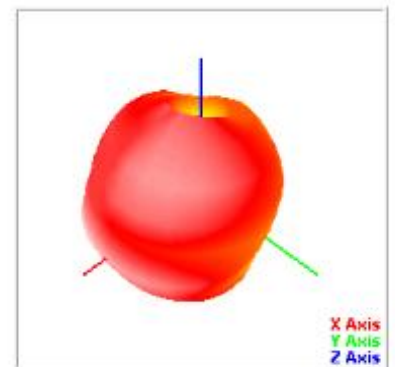
2400MHz



2450MHz

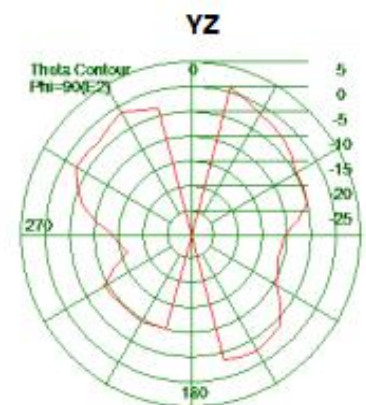
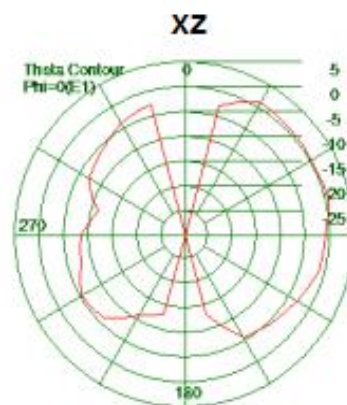
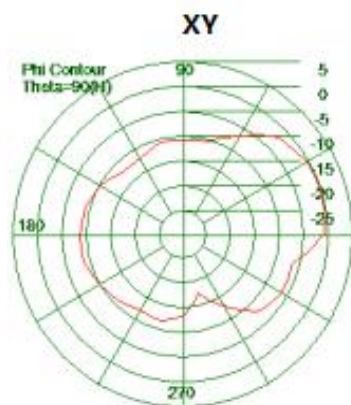


2500MHz



Freq. (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain (dBi)	2.84	2.89	2.95	3.11	3.26	3.32	3.37	3.51	3.52	3.66	3.53
Efficiency(%)	45.3%	45.9%	47.4%	49.3%	50.6%	51.7%	53.0%	48.0%	48.1%	47.2%	47.1%
Everage Gain (dB)	-1.00	-1.06	-0.98	-0.78	-0.84	-0.76	-0.59	-0.68	-0.89	-1.05	-1.04

Radiation Pattern 2450MHz



	Vertical	Horizontal	Total
Avg. Gain	-10.93	-15.83	-9.06
PeakGain	-0.41	-9.96	-0.40

	Vertical	Horizontal	Total
Avg. Gain	-4.02	-10.37	-2.86
PeakGain	-0.32	-3.32	1.02

	Vertical	Horizontal	Total
Avg. Gain	-7.94	-10.83	-5.22
PeakGain	-3.26	-1.48	0.73