

Shenzhen yixin Electronic Technology Co.,Ltd

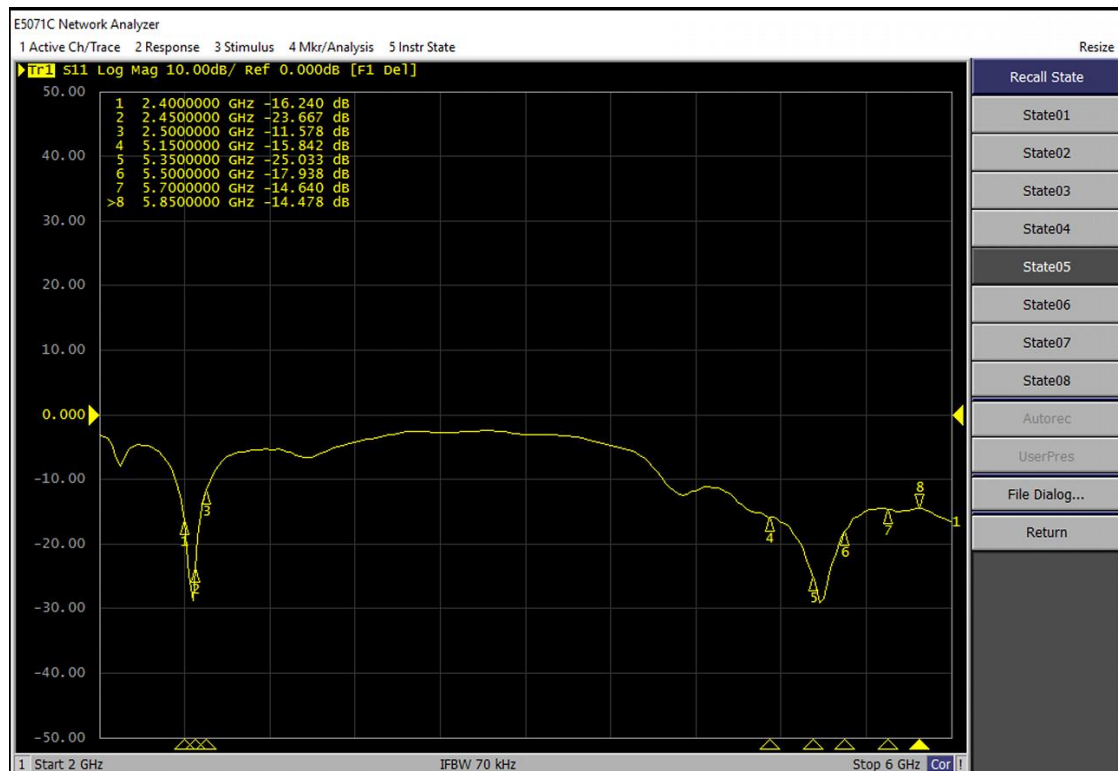
NO.	ITEMS	DETAILS
1	model	TC-2.4G Doorbell
2	Frequency Band	2400-5800MHz
3	VSWR	≤2.0
4	impedance	50 Ω
5	Antenna Type	PIFA
6	Implementation	PCB
7	Antenna Pictures	

Shenzhen yixin Electronic Technology Co.,Ltd

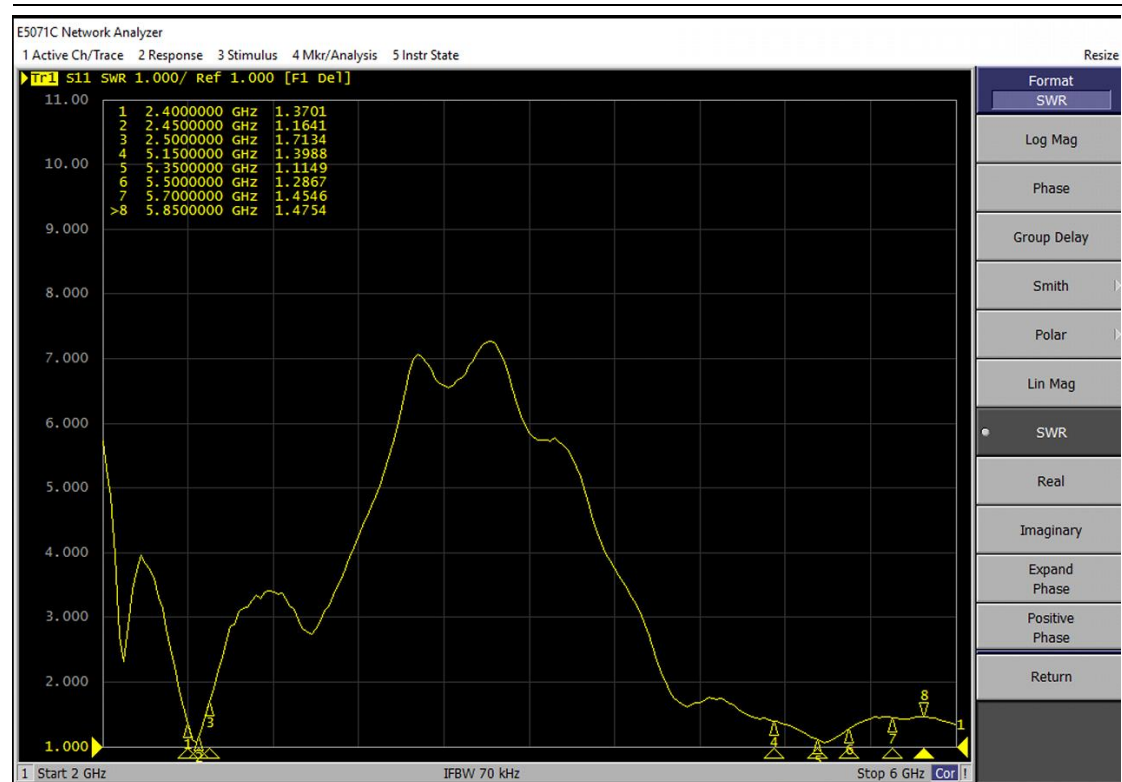
Product electrical performance test data:

Marker	2400MHz	2450MHz	2500MHz	5800Mhz
Returnloss	-16.2	-23.66	-11.57	-14.47
VSWR	1.37	1.16	1.71	1.47

S11:



Shenzhen yixin Electronic Technology Co.,Ltd



Gain, efficiency and radiation pattern:

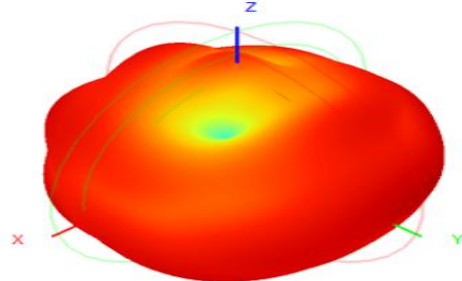
Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400	1.96	62.91
2450	1.92	66.37
2500	1.17	64.37
5800	3.02	46.14

Shenzhen yixin Electronic Technology Co.,Ltd

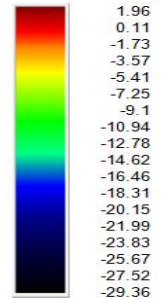
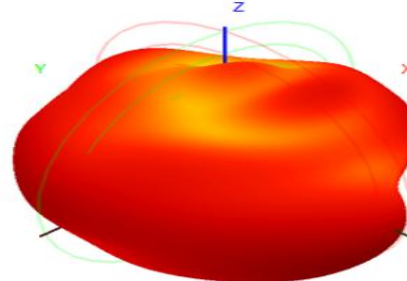
Pattern

2400MHz--5800Mhz

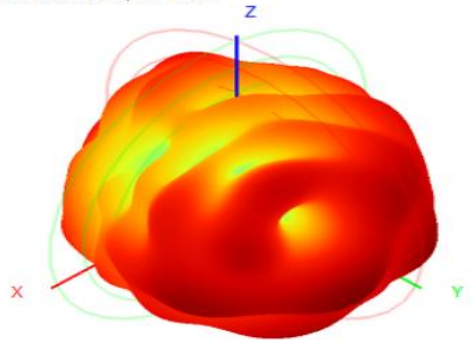
2400.0MHz H+V, Eff: 62.9%



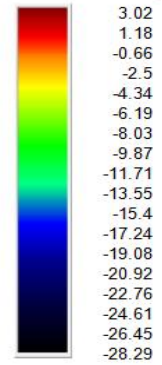
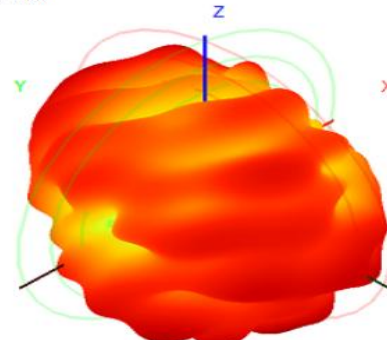
Back View



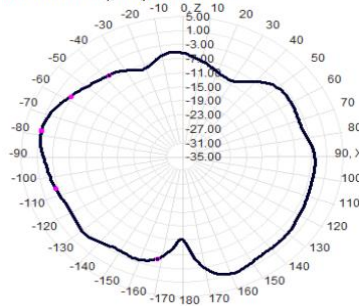
5800.0MHz H+V, Eff: 46.1%



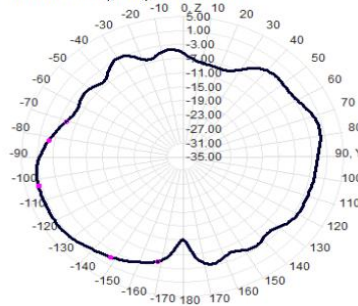
Back View



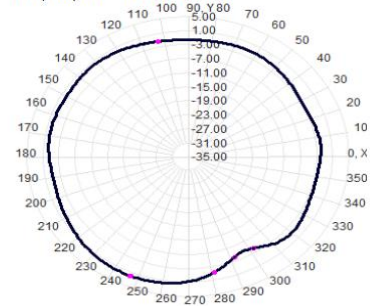
2400.0MHz Total(E1-XZ), Max= 0.66dBi



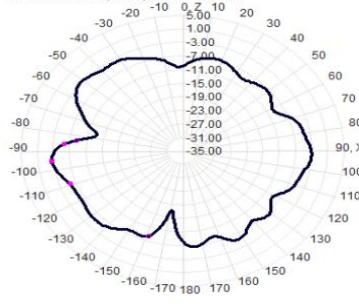
2400.0MHz Total(E2-YZ), Max= 1.67dBi



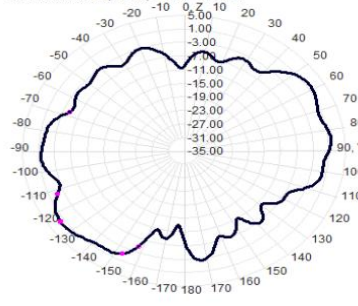
Total(H-XY), Max= 1.72dBi, CirD=6.63



5800.0MHz Total(E1-XZ), Max= -2.49dBi



5800.0MHz Total(E2-YZ), Max= 1.88dBi



Total(H-XY), Max= 0.66dBi, CirD=8.66

