

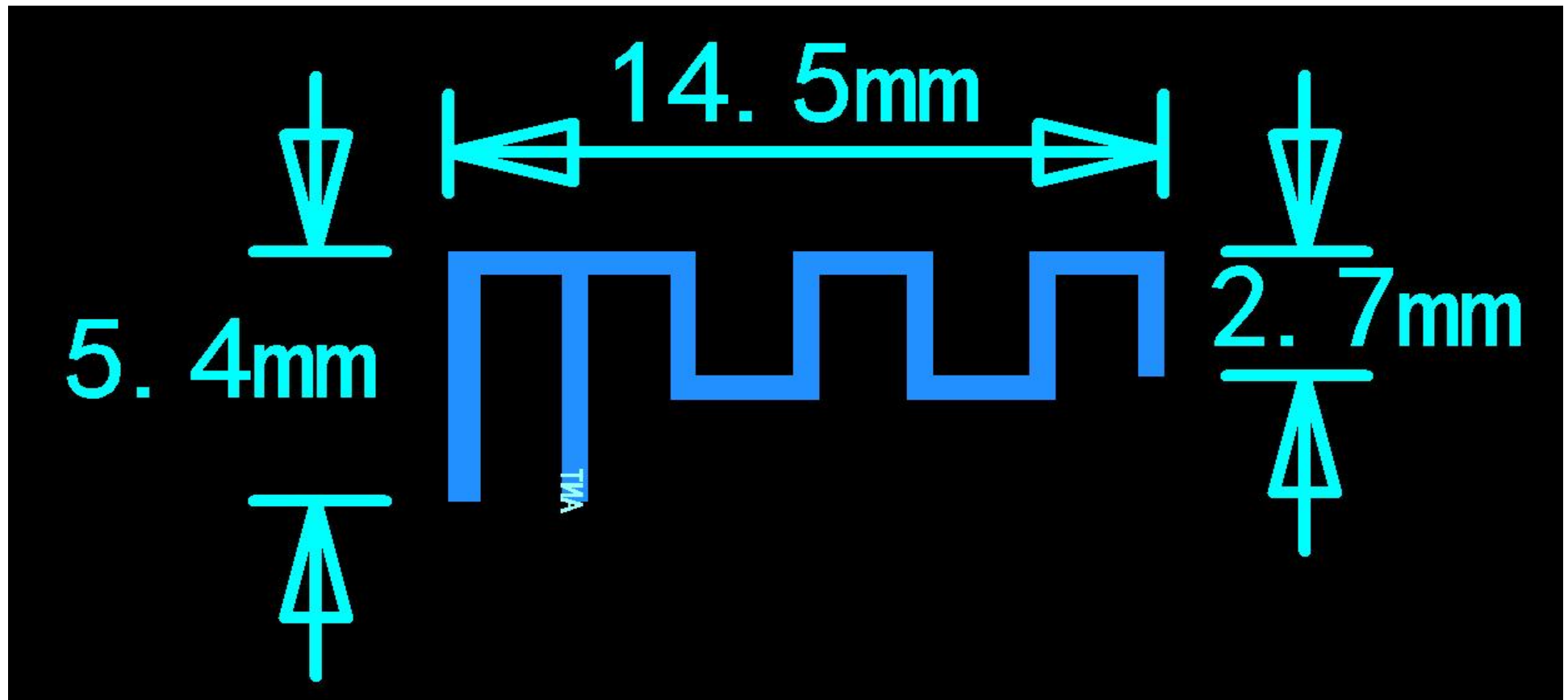


General Specifications

1. Antenna type: PCB Antenna
2. Antenna range: HS5536 PCB Antenna
3. Frequency range: 2400-2500 MHz
4. Company Name: Dongguan Jiashi communication
5. Company Address:
Room 301, Building 27, Changping Jewelry Cultural Industr Center, No. 568 Huanchang North Road, Shangkeng Village, Changping Town, Dongguan City, Guangdong Province, PRC.

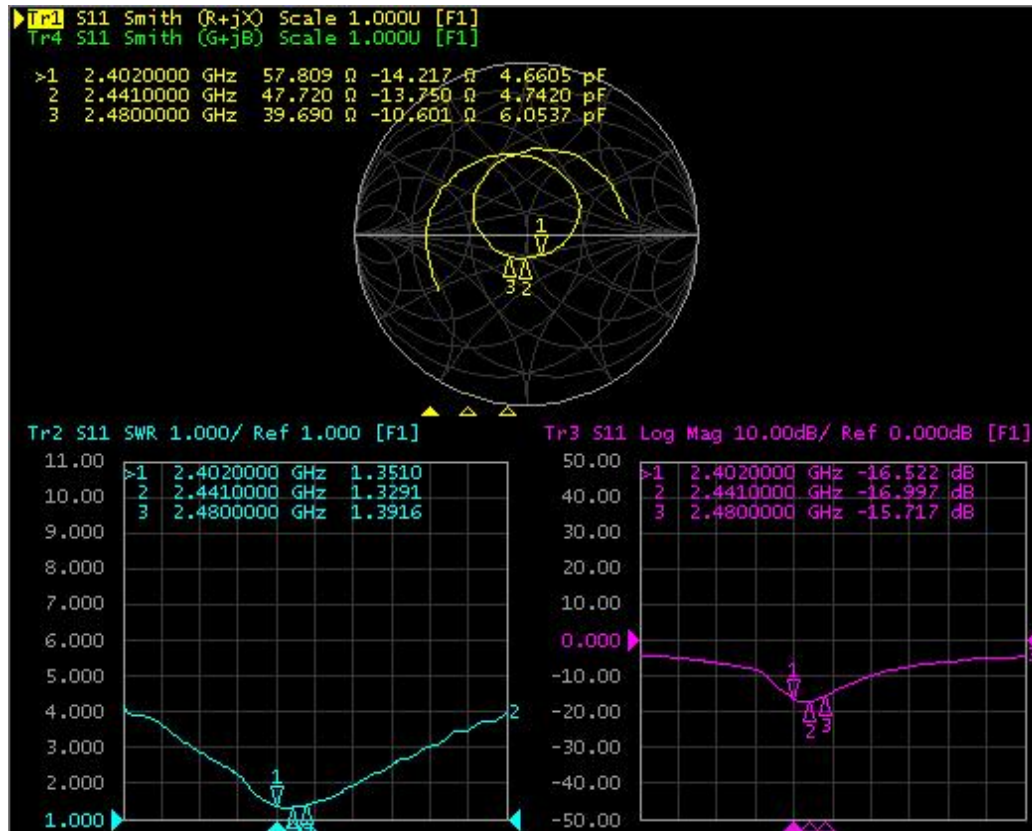


Antenna size





Antenna S parameters

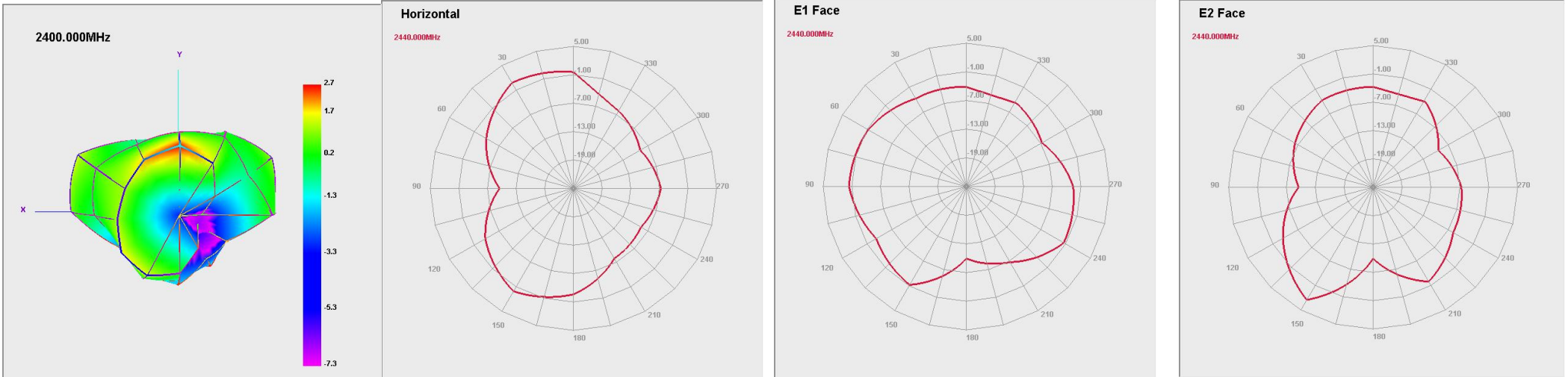


Item	Value		
	2402 (MHz)	2441(MHz)	2480(MHz)
Smith(Ω)	57.80	47.72	39.69
Return loss(dB)	-16.52	-16.99	-15.71
VSWR	1.35	1.32	1.39





Antenna Passive parameter



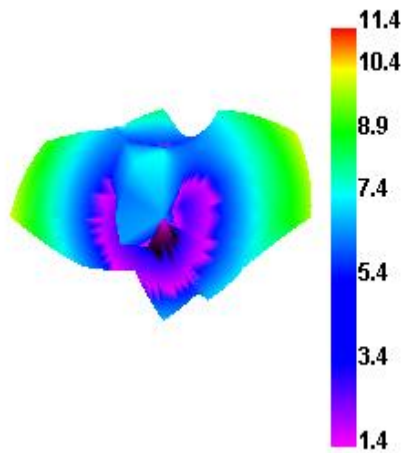
Frequency (MHz)	Efficiency (%)	Mean gain (dBi)	Peak Gain (dBi)
2400	44.98	-3.47	2.72
2440	43.72	-3.59	2.54
2480	45.83	-3.39	2.34



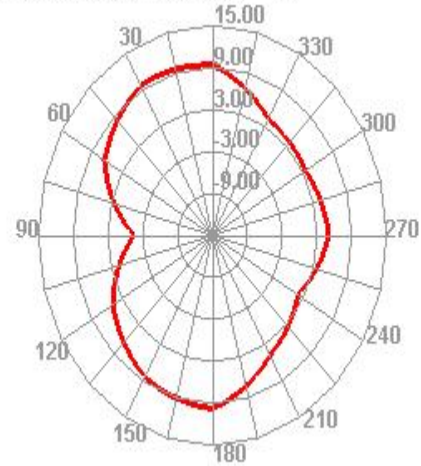


OTA Test data——自由场

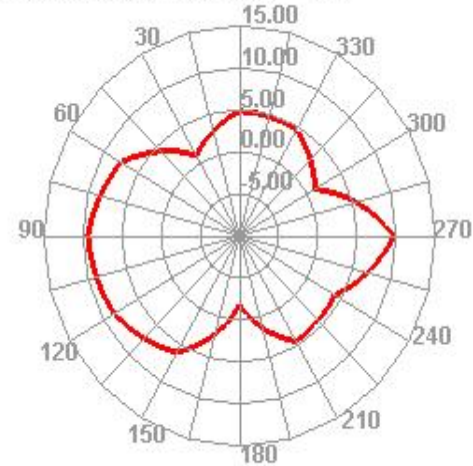
Bluetooth 0 TRP



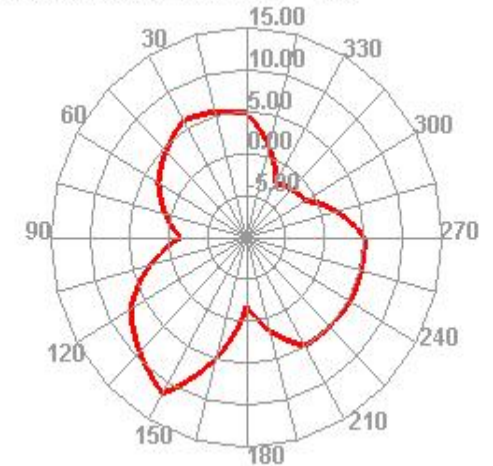
Bluetooth 0 TRP H



Bluetooth 0 TRP E1



Bluetooth 0 TRP E2

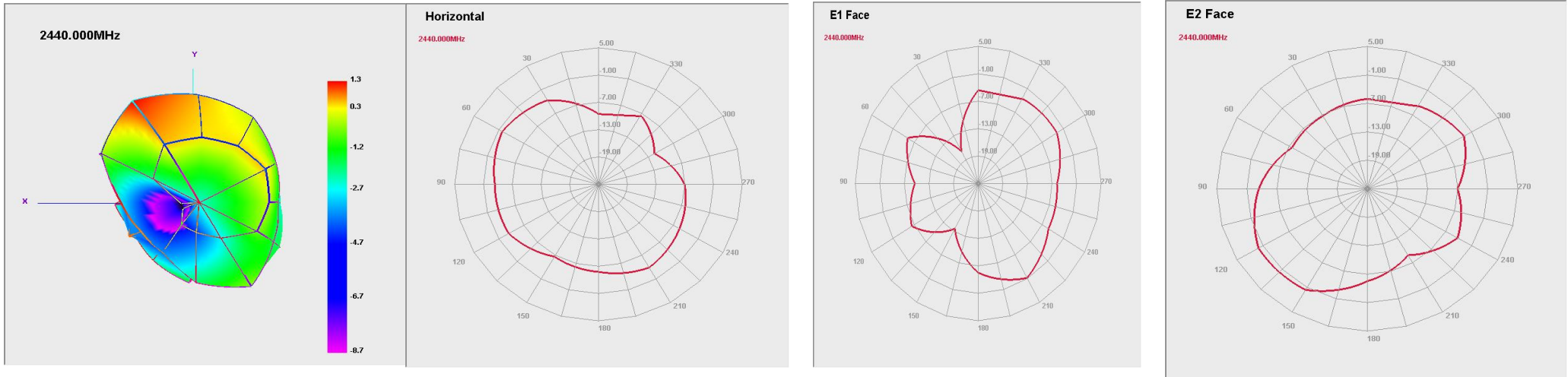


Channel	0	39	78
TRP (dBm)	5.47	5.89	6.53
TIS (dBm)	-91.24	-90.05	-90.6





Antenna Passive parameter——头模



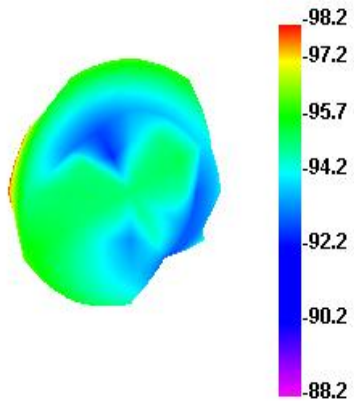
Frequency (MHz)	Efficiency (%)	Mean gain (dBi)	Peak Gain (dBi)
2400	36.63	-4.36	1.18
2440	36.5	-4.38	1.29
2480	38.26	-4.17	1.77



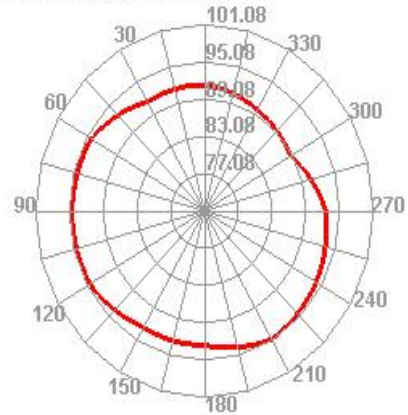


OTA Test data——头模

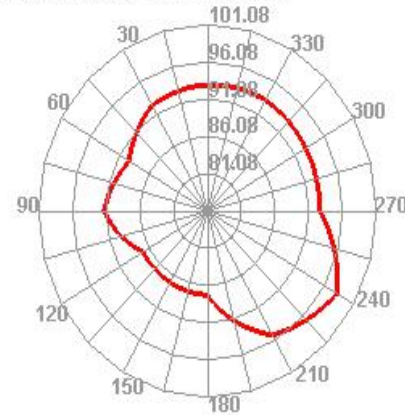
Bluetooth 0 TIS



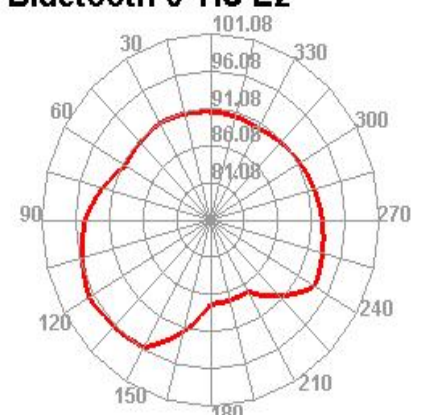
Bluetooth 0 TIS H



Bluetooth 0 TIS E1



Bluetooth 0 TIS E2



Channel	0	39	78
TRP (dBm)	4.91	5.51	6.29
TIS (dBm)	-89.07	-88.37	-88.89

