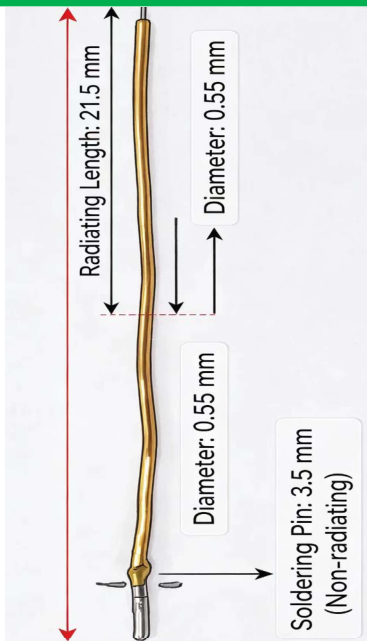


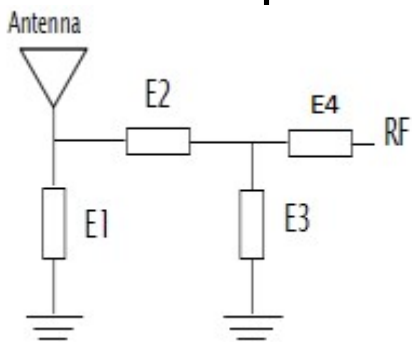
Shenzhen 3Good Wireless Communication Co.,

Infomation

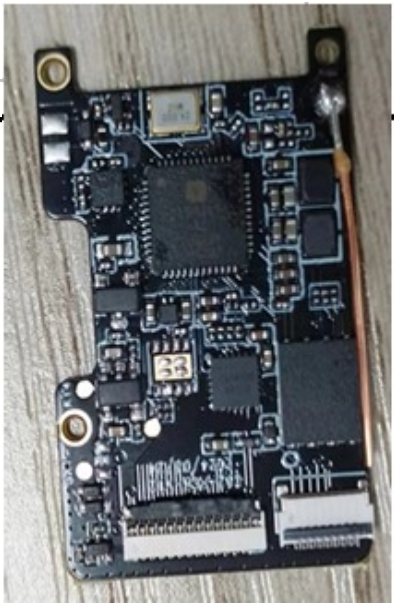


Manufacturer	Shenzhen Trusang technology Co.,LTD
address	Room 501, Jinfulai Comprehensive Building, No.49-1 Dabao Road, Dalang Community, Xin'an Sub-district, Bao'an District, Shenzhen, Guangdong Province, P.R.China
Antenna dimensions	0.55mmX21.5MM
Model Name	C82
Date	2026-1-23
Designer	luo yong feng
Serial Number/ESN/IMEI	N/A
Band	BT

Matching Circuit



Element	MAIN	GPS/WiFi/BT	DIV
E1 (0402)	NC	N/A	N/A
E2 (0402)	6.8PF	N/A	N/A
E3 (0402)	N/A	N/A	N/A
E4 (0402)	1.1NH	N/A	N/A

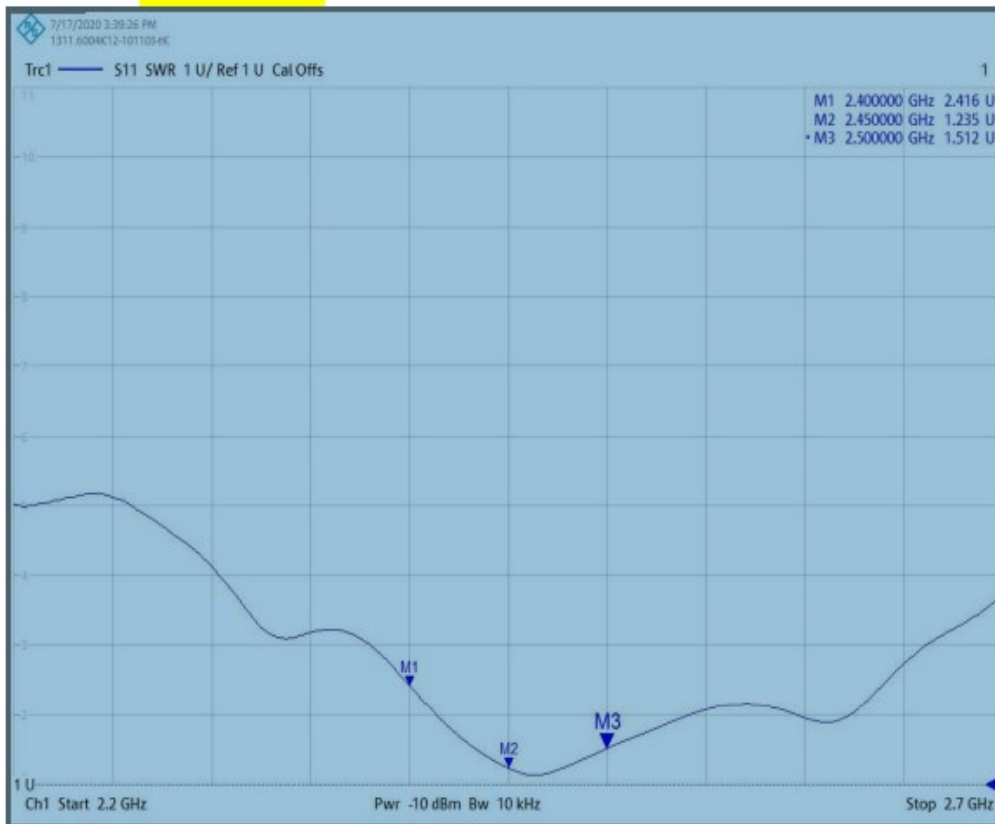


Active Test Data

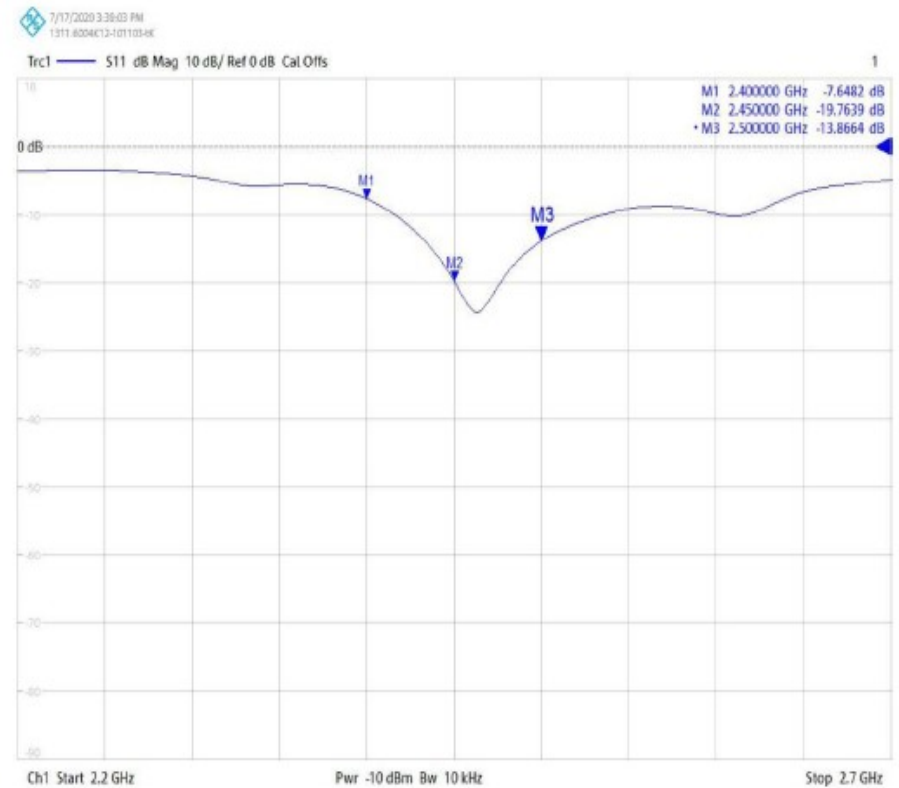
Band	Channel	TRP	TIS
BT	L	2.78	
	M	2.11	
	H	2.05	-88.79

SWR

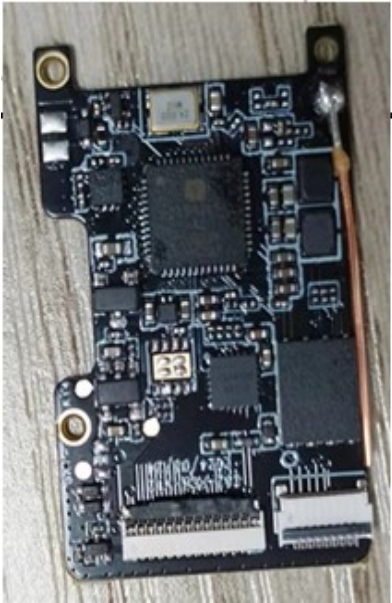
SWR



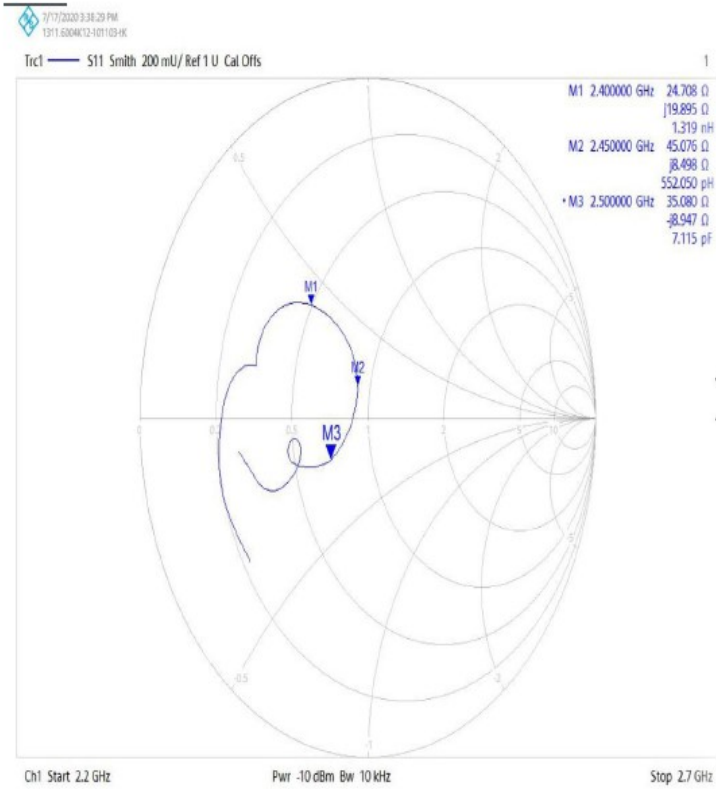
Return Loss



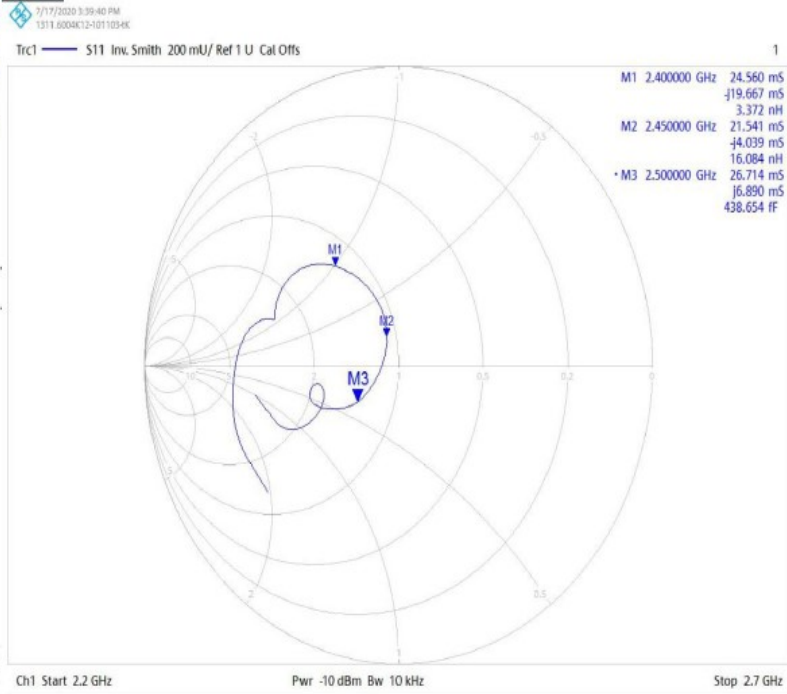
Gain&Efficiency		
frequency (MHz)	gain (dBi)	efficiency
2400	-0.21	19.51%
2410	-0.10	19.35%
2420	-0.02	21.88%
2430	-0.18	20.46%
2440	-0.19	19.70%
2450	0.07	22.82%
2460	-0.11	21.32%
2470	-0.18	20.87%
2480	0.08	22.99%
2490	-0.21	18.62%
2500	-0.15	21.02%



Smith



Inv. smith

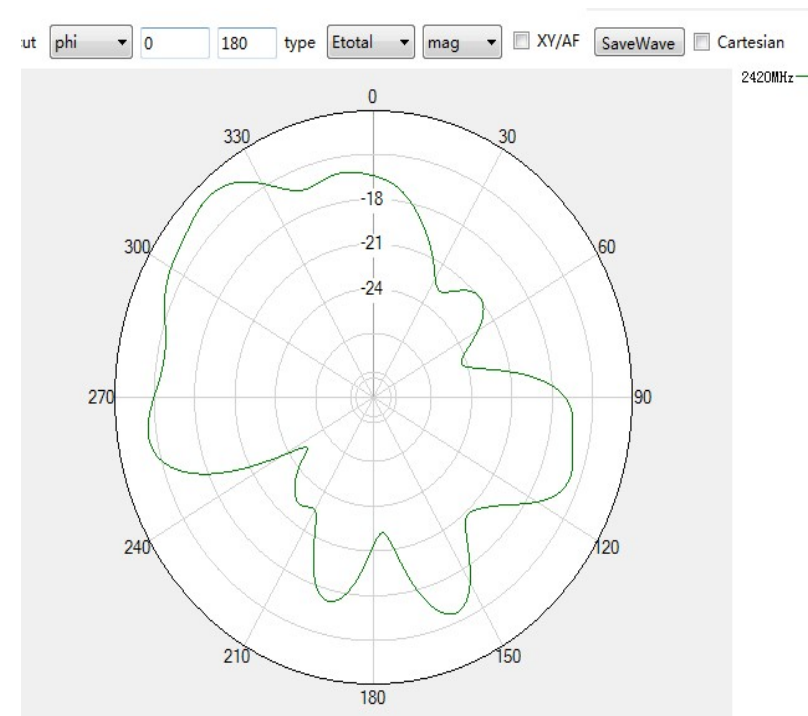
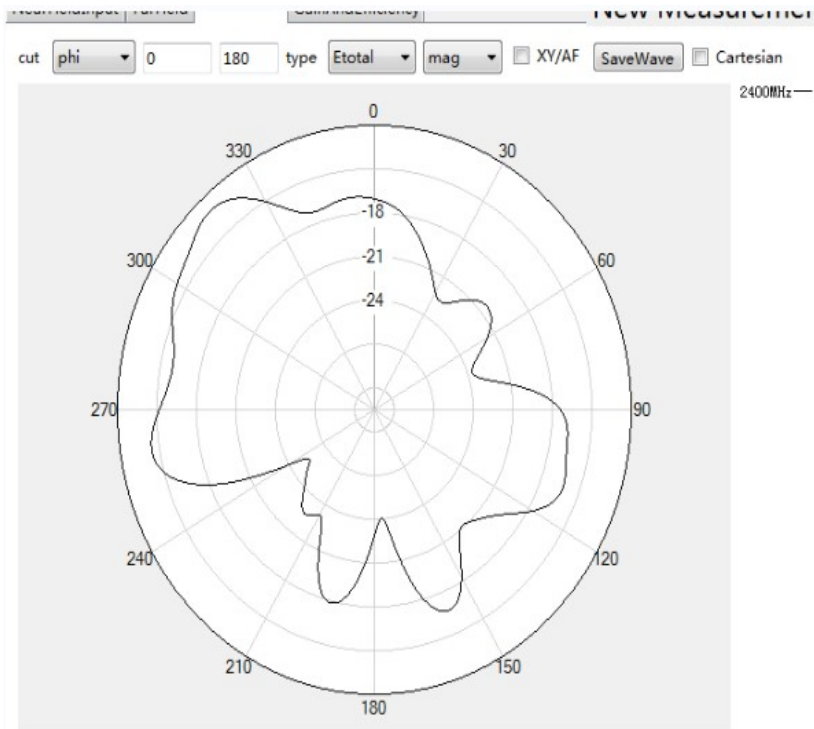
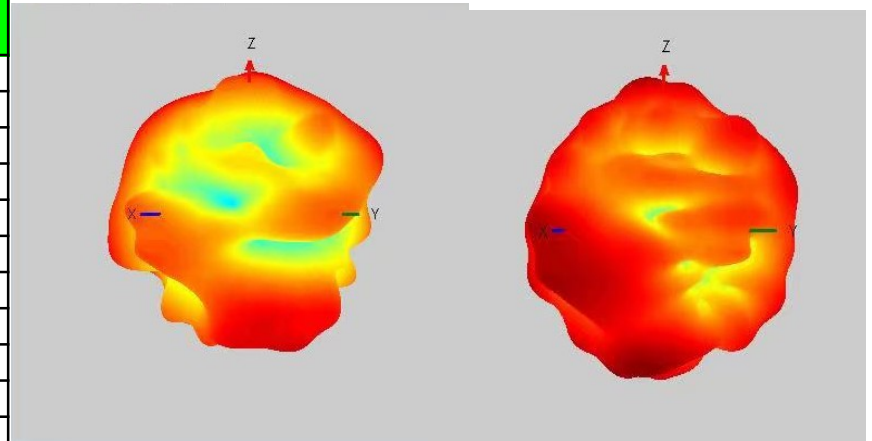


Gain&Efficiency

Apple picture

frequency (MHz)	gain (dBi)	mingain (dBi)	CP Gain (dBi)	CO Gain (dBi)	efficiency (dB)	efficiency (%)
2400	-0.21	-20.21	-20.21	-0.3	-7.1	19.51
2410	-0.1	-20.1	-20.1	-0.2	-7.13	19.35
2420	-0.02	-20.02	-20.02	-0.1	-6.6	21.88
2430	-0.18	-20.18	-20.18	-0.2	-6.89	20.46
2440	-0.19	-20.19	-20.19	-0.3	-7.06	19.70
2450	0.07	-19.93	-19.93	0	-6.42	22.82
2460	-0.11	-20.11	-20.11	0.2	-6.71	21.32
2470	-0.18	-20.18	-20.18	-0.2	-6.80	20.87
2480	0.08	-19.92	-19.92	0	-6.38	22.99
2490	-0.21	-20.21	-20.21	-0.03	-7.30	18.62
2500	-0.15	-20.15	-20.15	-0.2	-6.77	21.02

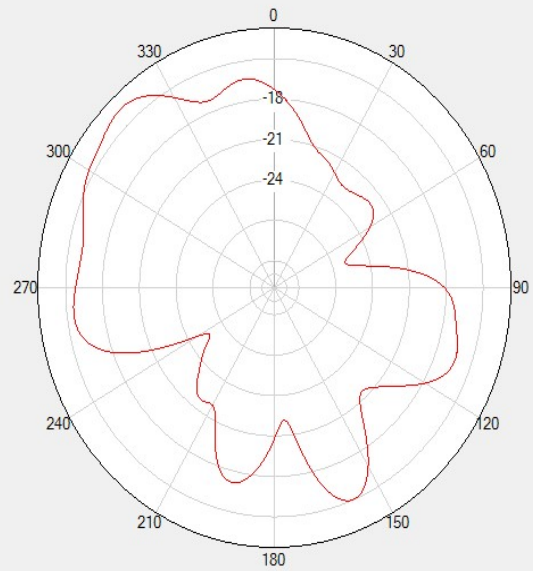
pattern



NearFieldInput FarField FarField2D GainAndEfficiency **New Measureme**

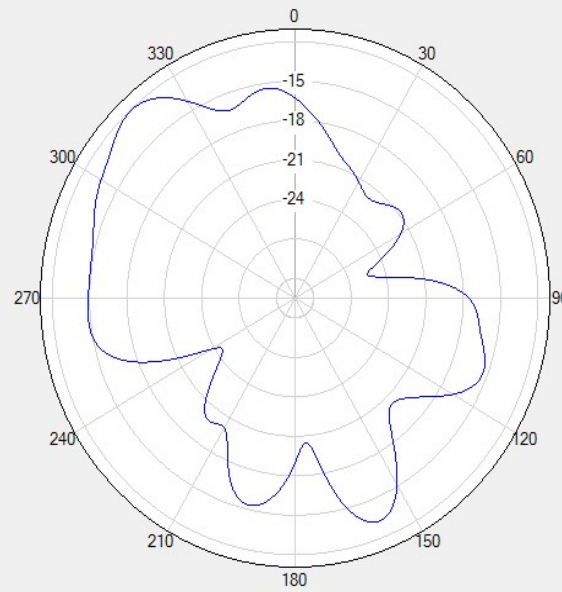
cut **phi** 0 180 type **Etot** mag ☐ XY/AF **SaveWave** ☐ Cartesian

2450MHz



cut **phi** 0 180 type **Etot** mag ☐ XY/AF **SaveWave** ☐ Cartesian

2470MHz



cut **phi** 0 180 type **Etot** mag ☐ XY/AF **SaveWave** ☐ Carte

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