

Ant Specification

Date: 2024/11/5

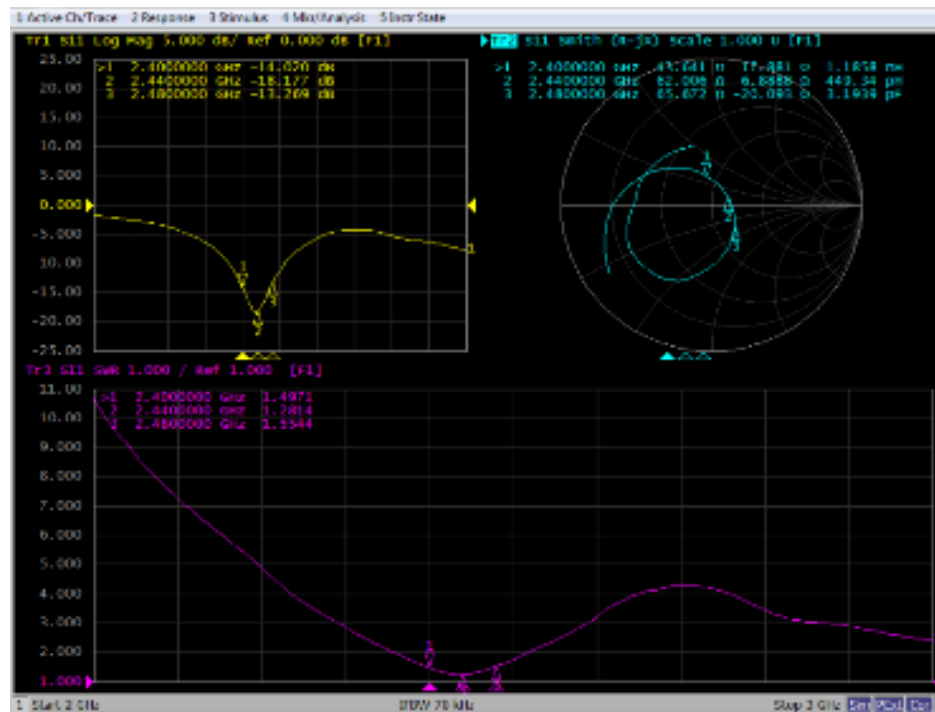
Antenna	Frequency band	Material	Performance requirement
BT	2400-2480MHz	Onboard	

Antenna Model: TAB4000
Antanna Type: PCB Antenna
Manufacturer: Dongguan Jiadian Electronics Technology co., Ltd
Address: No.9 Jinwei East Road, Wangniudun Town, Dongguan City,
Guangdong Province, P.R.China

Antenna end matching circuit:



Antenna passive S11 parameter test:

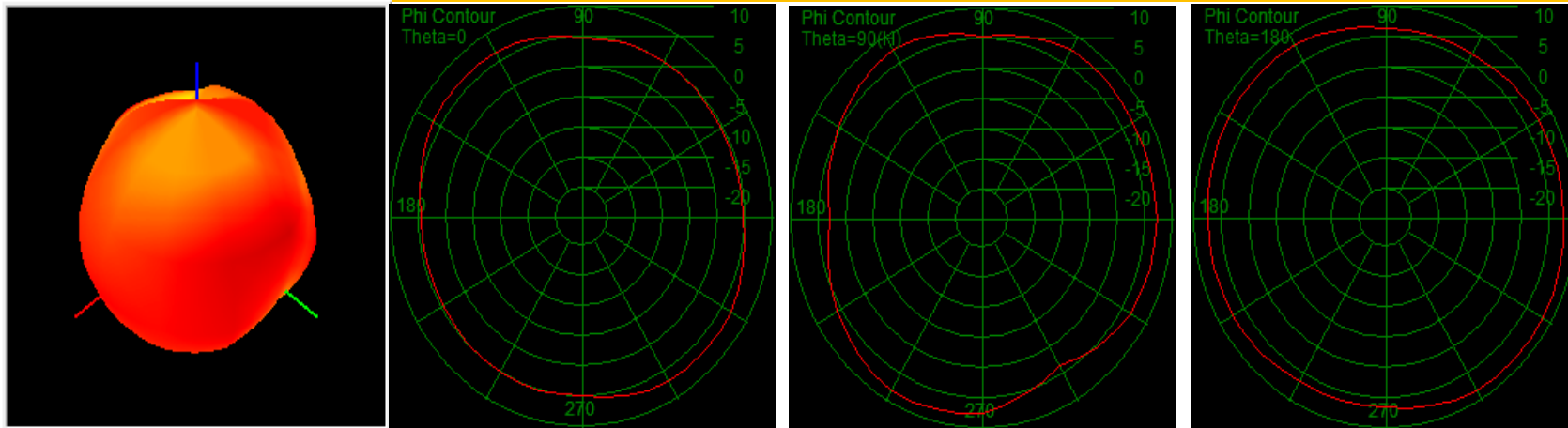


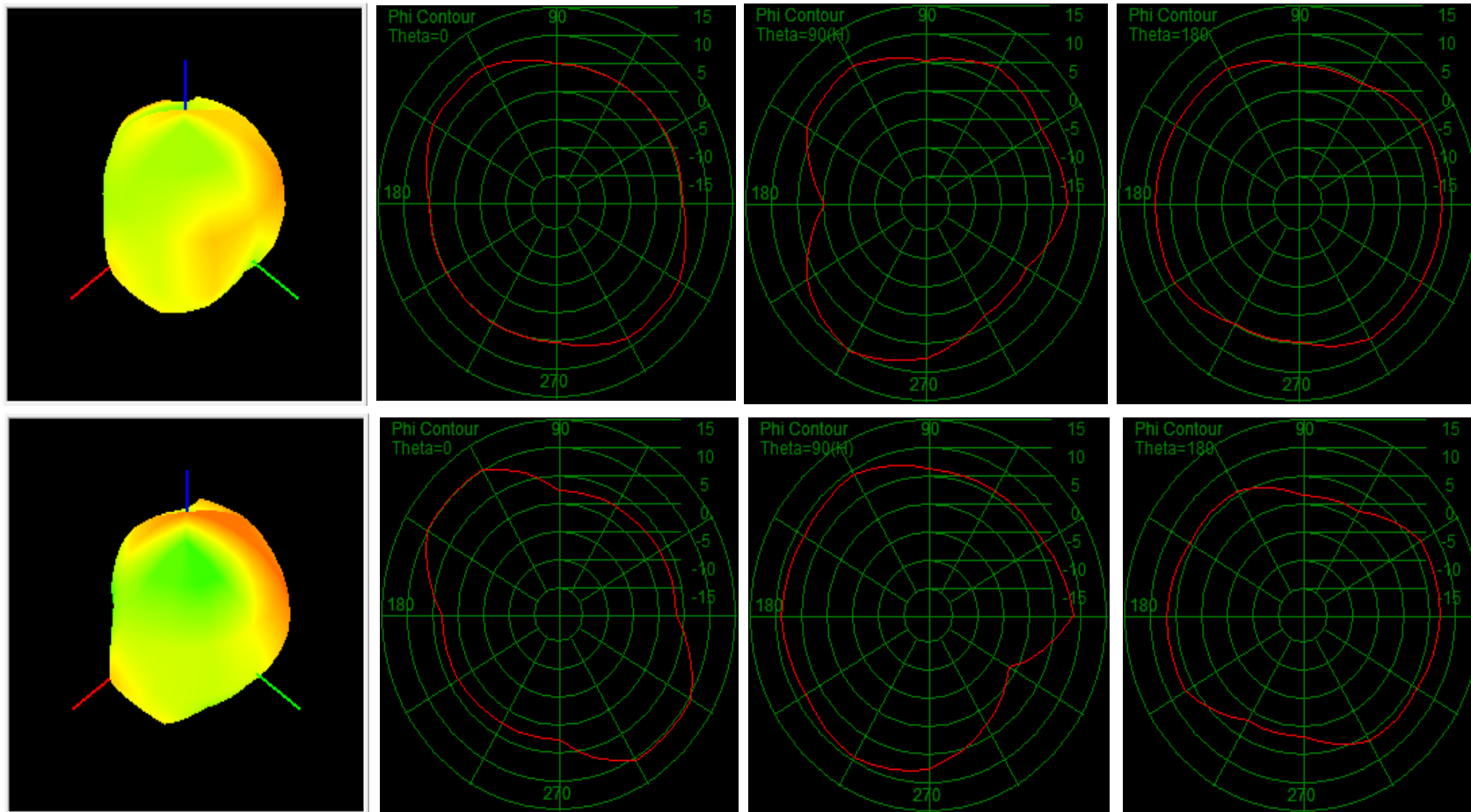
Freq (MHz)	2400	2440	2480
SWR	1.50	1.28	1.55
Log Mag	-14.02	-18.18	-13.27

Antenna passive efficiency and gain test:

Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400	0.51	39.03
2410	0.77	40.23
2420	0.79	39.99
2430	0.72	40.15
2440	0.95	41.76
2450	1.01	42.18
2460	1.26	43.70
2470	1.13	43.18
2480	0.76	41.42
2490	0.41	41.02
2500	0.32	39.93

Antenna passive radiation pattern:





Antenna position

