

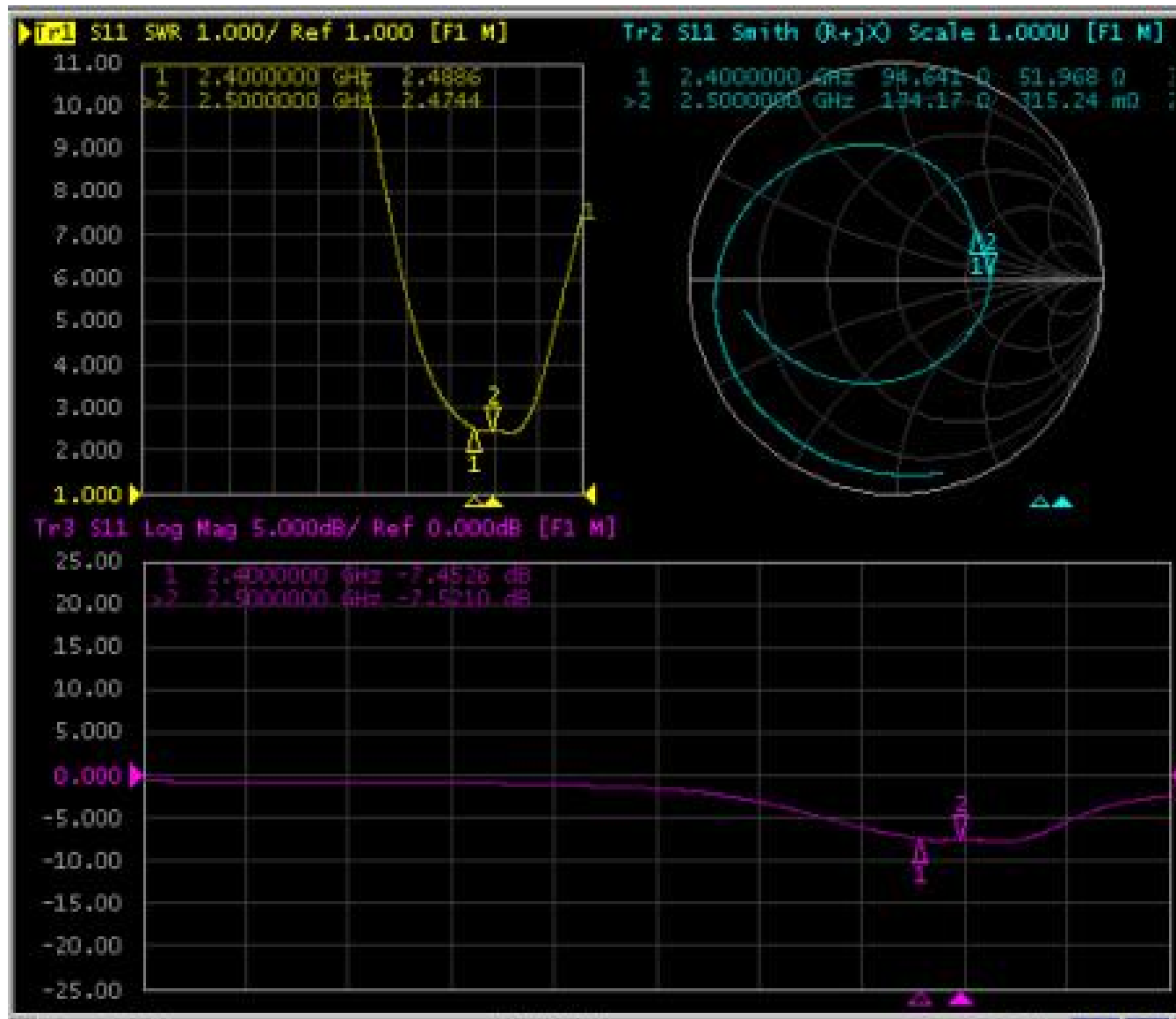
SHENZHEN YUSHENG COMMUNICATION EQUIPMENT CO., LTD

Add: 407-411, Floor 4, Building 2, Yuntai Chuanggu Park, southeast of the intersection of Guangming Avenue and Dongchang Road, Guangming District, Shenzhen

ANTENNA REPORT

Antenna type:FPC Antenna	GTS1E
BT--FPC GPS-FPC	
2025-04-29	

BT SWR



BT efficiecy

BT Gain=-2.24dBi

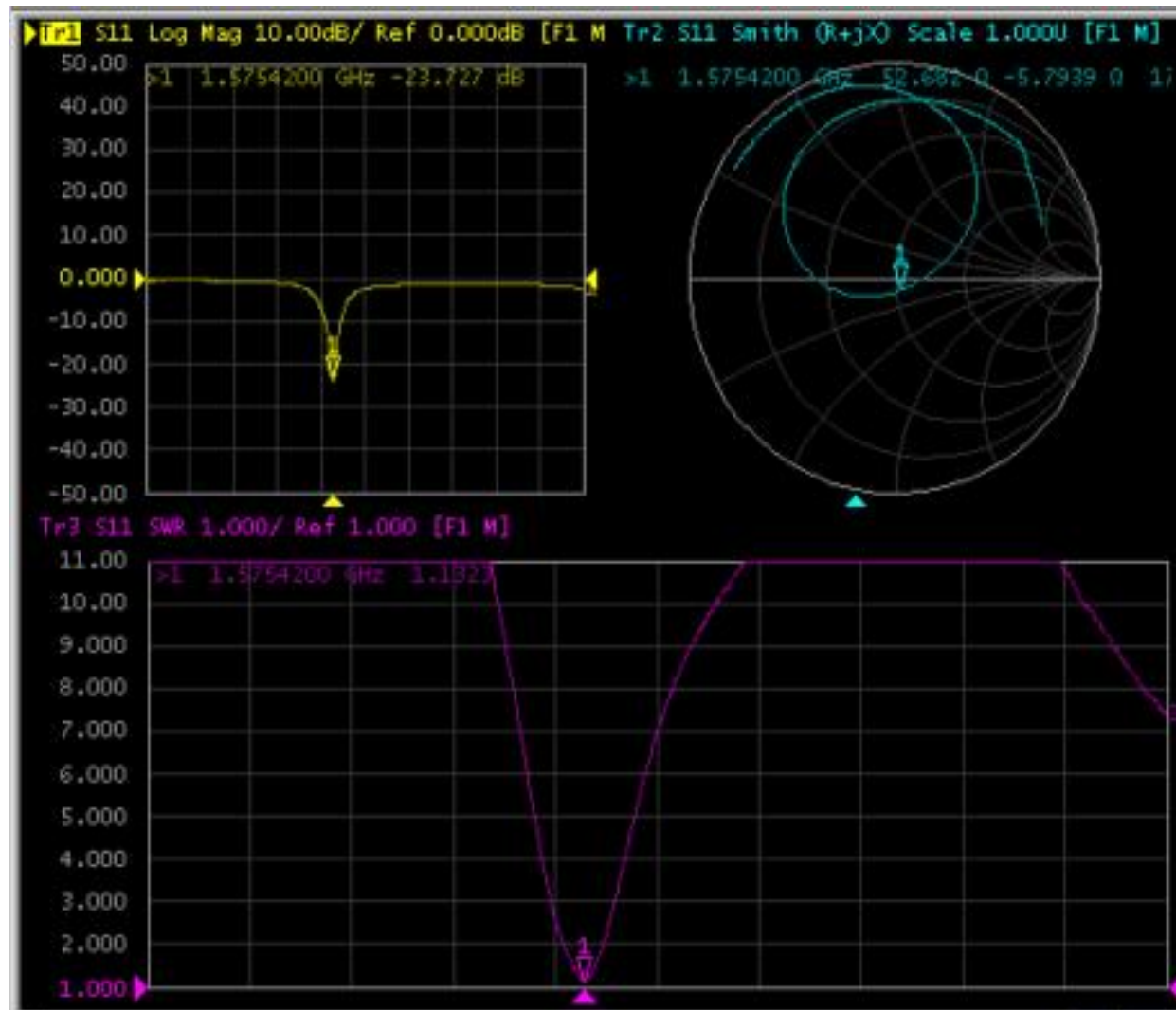
Free-space

Freq (MHz)	Effi (%)	Gain (dBi)
2400	14.6	-2.71
2410	14.9	-2.64
2420	15.3	-2.53
2430	15.7	-2.42
2440	16.2	-2.24
2450	16.1	-2.65
2460	15.7	-2.71
2470	15.4	-2.82
2480	14.8	-2.91
2490	14.2	-2.74

ARM

Freq (MHz)	Effi (%)	Gain (dBi)
2400	4.6	-7.02
2410	4.9	-6.79
2420	5.2	-6.68
2430	5.5	-6.51
2440	5.7	-6.43
2450	6.3	-6.34
2460	5.7	-6.45
2470	5.2	-6.59
2480	4.9	-6.71
2490	4.7	7.01

GPS SWR



GPS efficiency

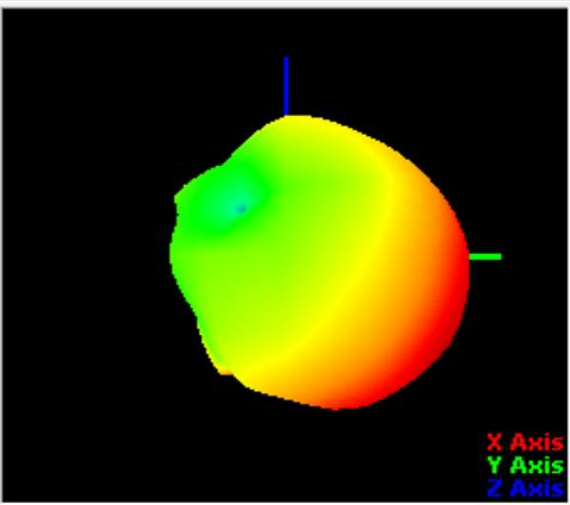
Free-space

Freq (MHz)	Effi (%)	Gain (dBi)
1550	25.4	-1.69
1560	26.3	-1.58
1570	26.8	-1.33
1575	27.4	-1.16
1580	26.9	-1.58
1590	25.6	-1.73

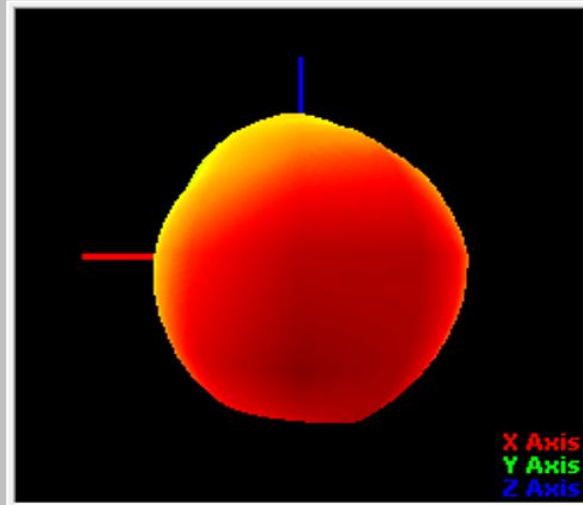
ARM

Freq (MHz)	Effi (%)	Gain (dBi)
1550	6.5	-6.83
1560	7.2	-6.61
1570	7.7	-6.20
1575	8.2	-6.18
1580	7.4	-6.23
1590	6.9	-6.67

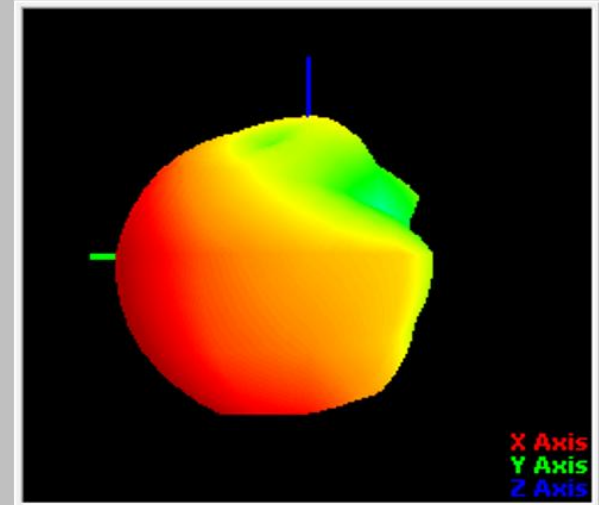
BT direction diagram



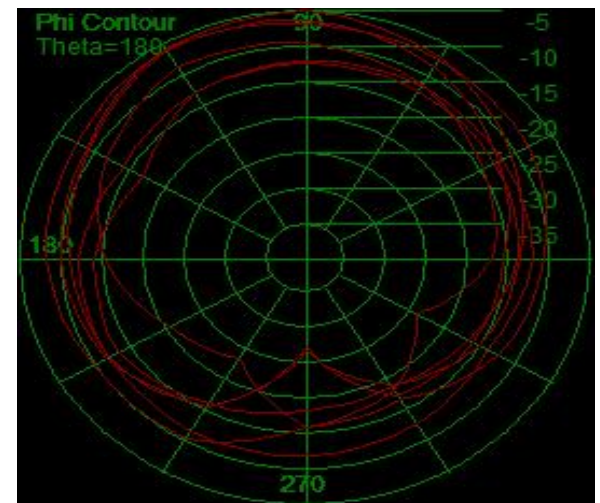
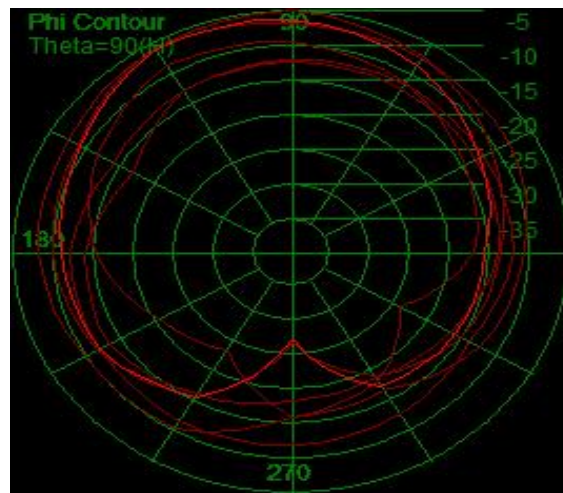
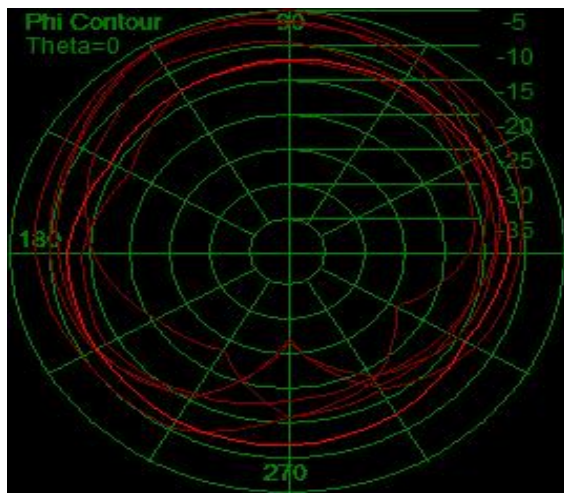
T90-P0



T90-P90

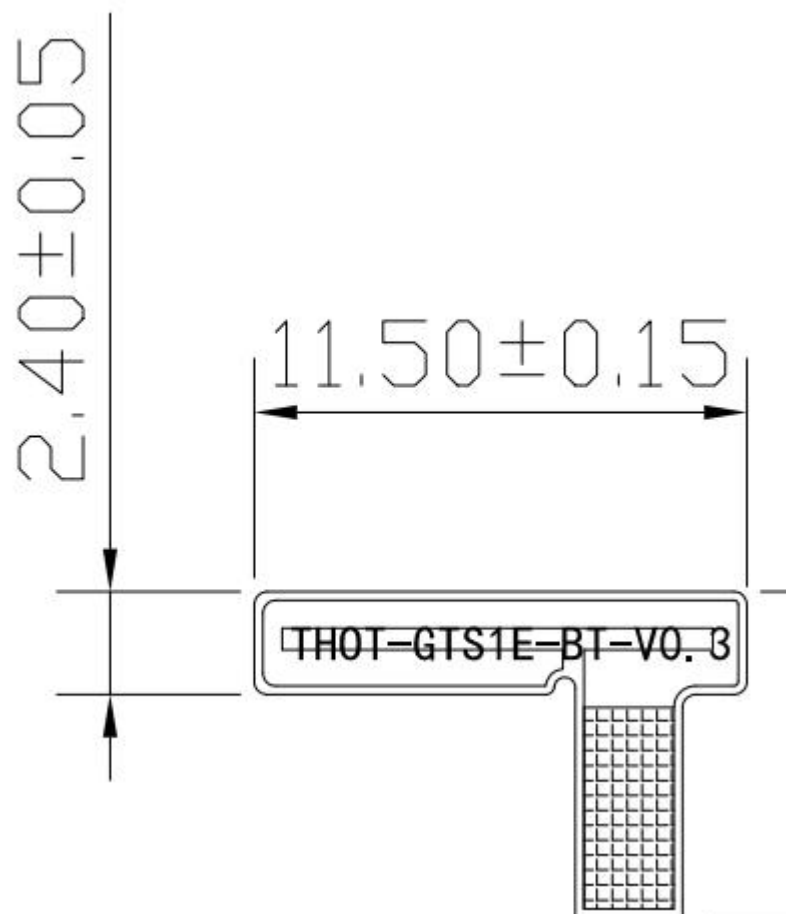


T90-P180



Antenna size mm

BT



BT Antenna



Thank you !