

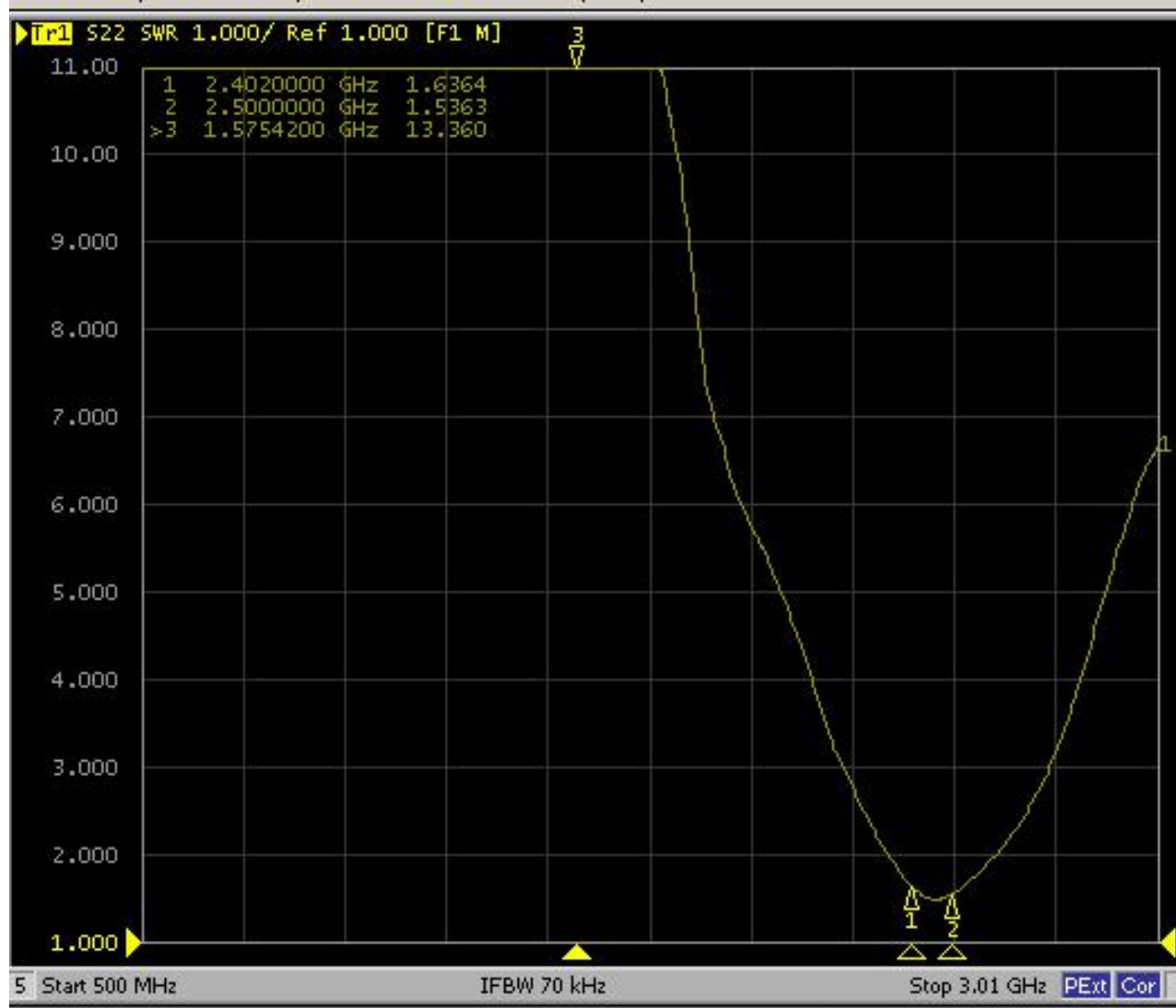
SHENZHEN YUSHENG COMMUNICATION EQUIPMENT CO., LTD

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	GTS1
BT--FPC GPS-FPC	
2025-04-24	

BT SWR



BT efficiecy

BT Gain=-2.85dBi

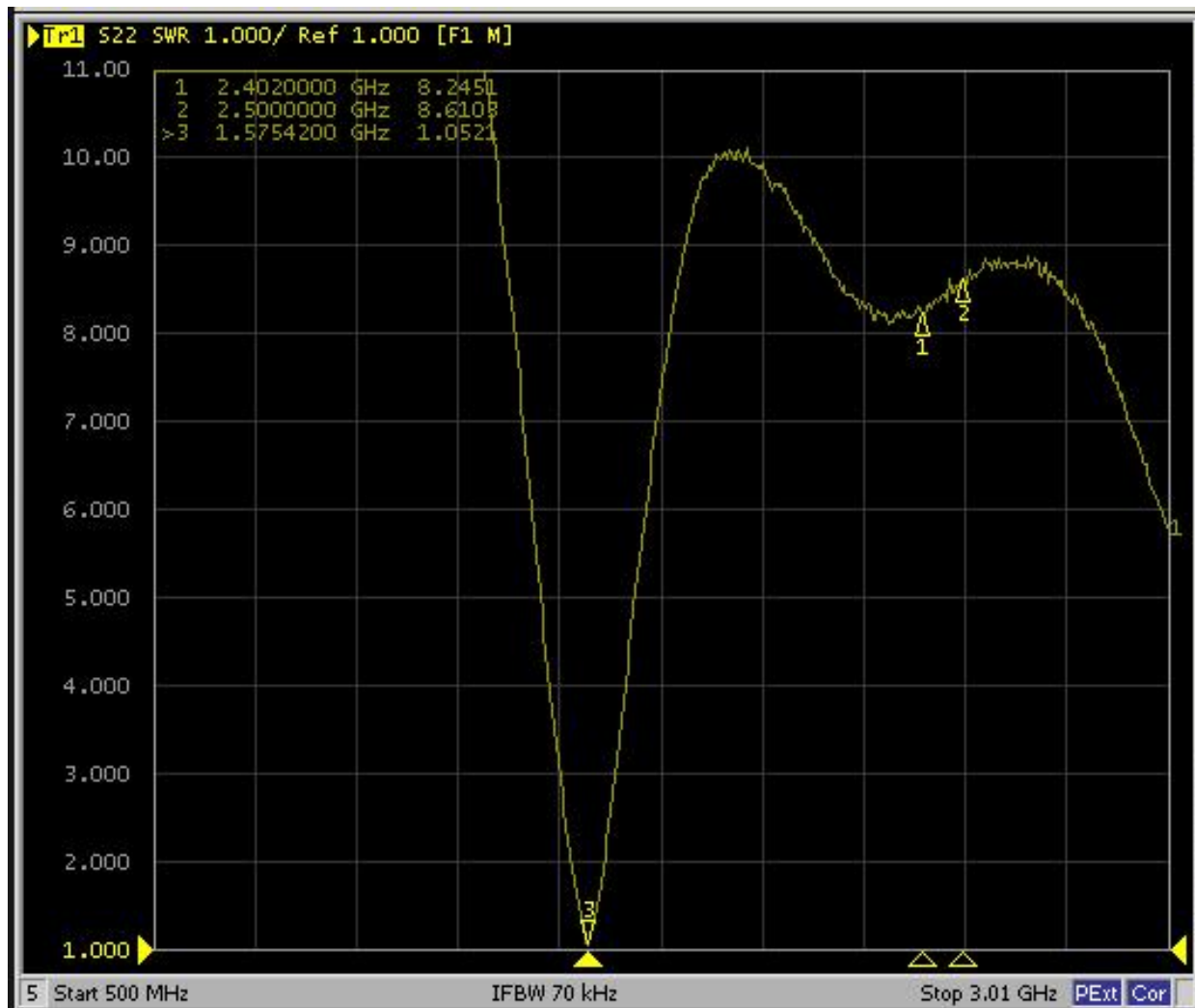
Free-space

Freq (MHz)	Effi (%)	Gain (dBi)
2400	19.2	-2.97
2410	19.5	-2.94
2420	20.7	-2.87
2430	21.3	-2.85
2440	21.2	-2.86
2450	20.7	-2.91
2460	19.6	-2.96
2470	18.8	-3.05
2480	18.3	-3.29

ARM

Freq (MHz)	Effi (%)	Gain (dBi)
2400	6.2	-7.43
2410	6.5	-7.16
2420	6.8	-6.83
2430	7.0	-6.58
2440	7.2	-6.50
2450	6.8	-6.73
2460	6.6	-7.10
2470	5.9	-7.54
2480	5.6	-7.49

GPS SWR



GPS efficiency

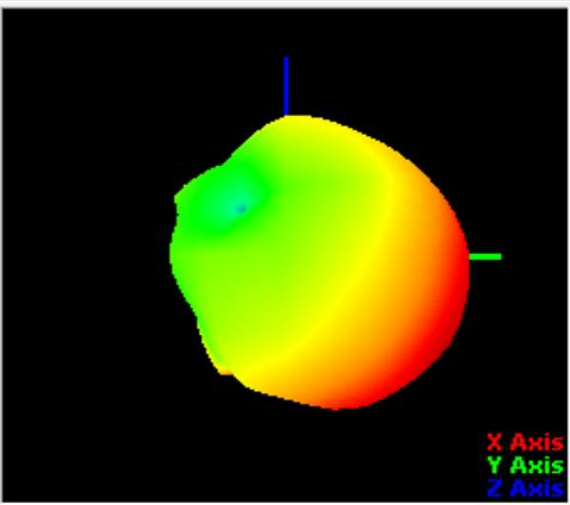
Free-space

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

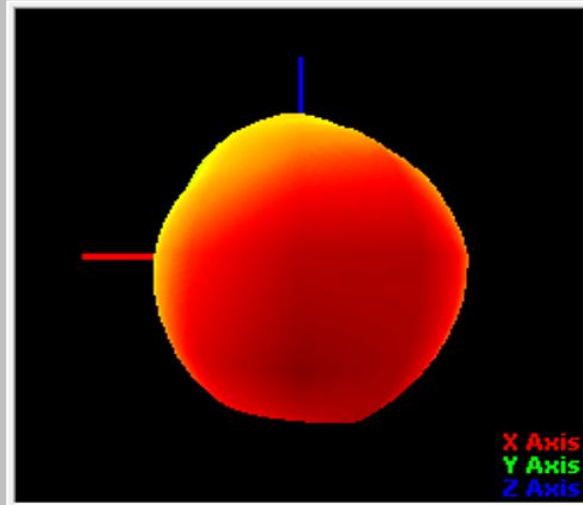
ARM

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

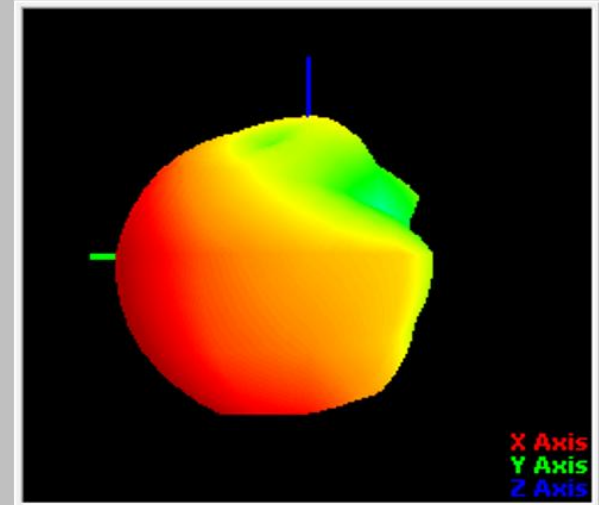
BT direction diagram



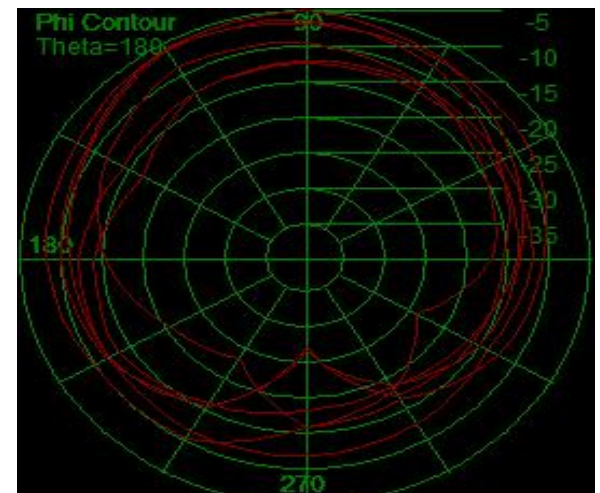
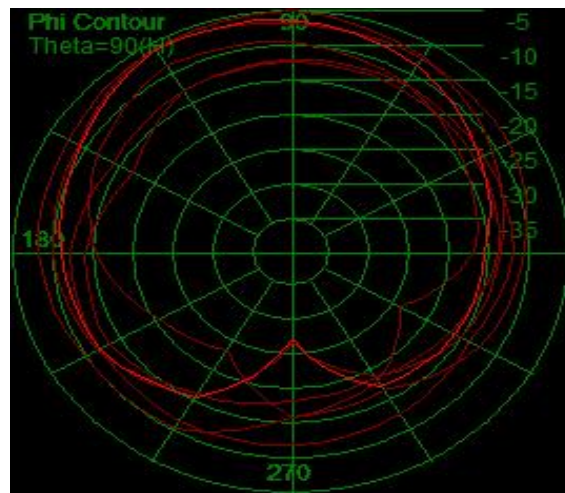
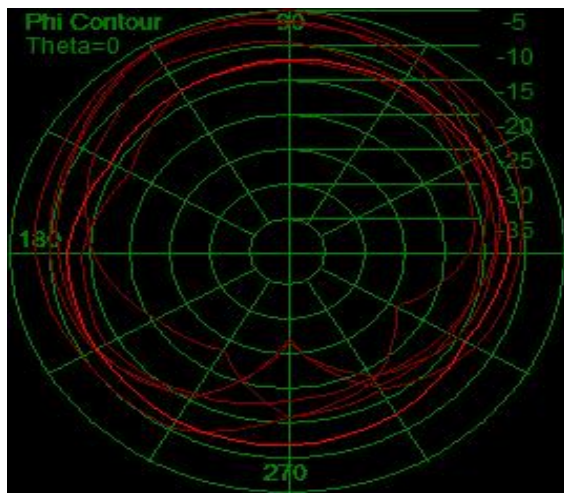
T90-P0



T90-P90

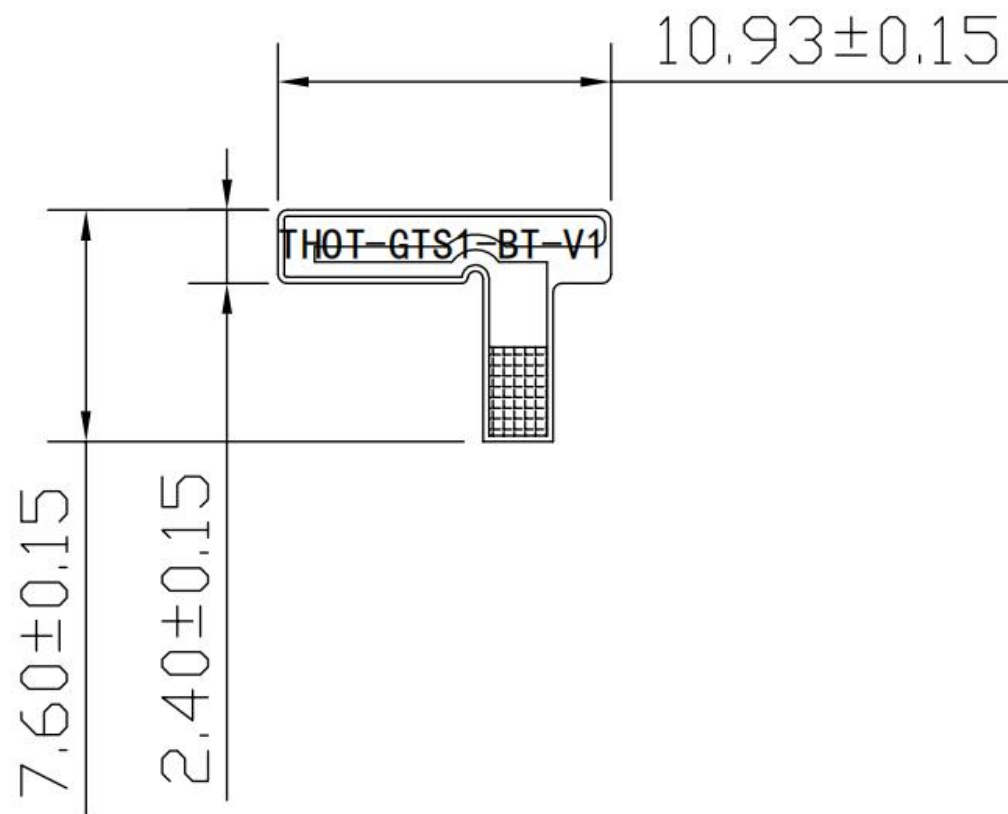


T90-P180

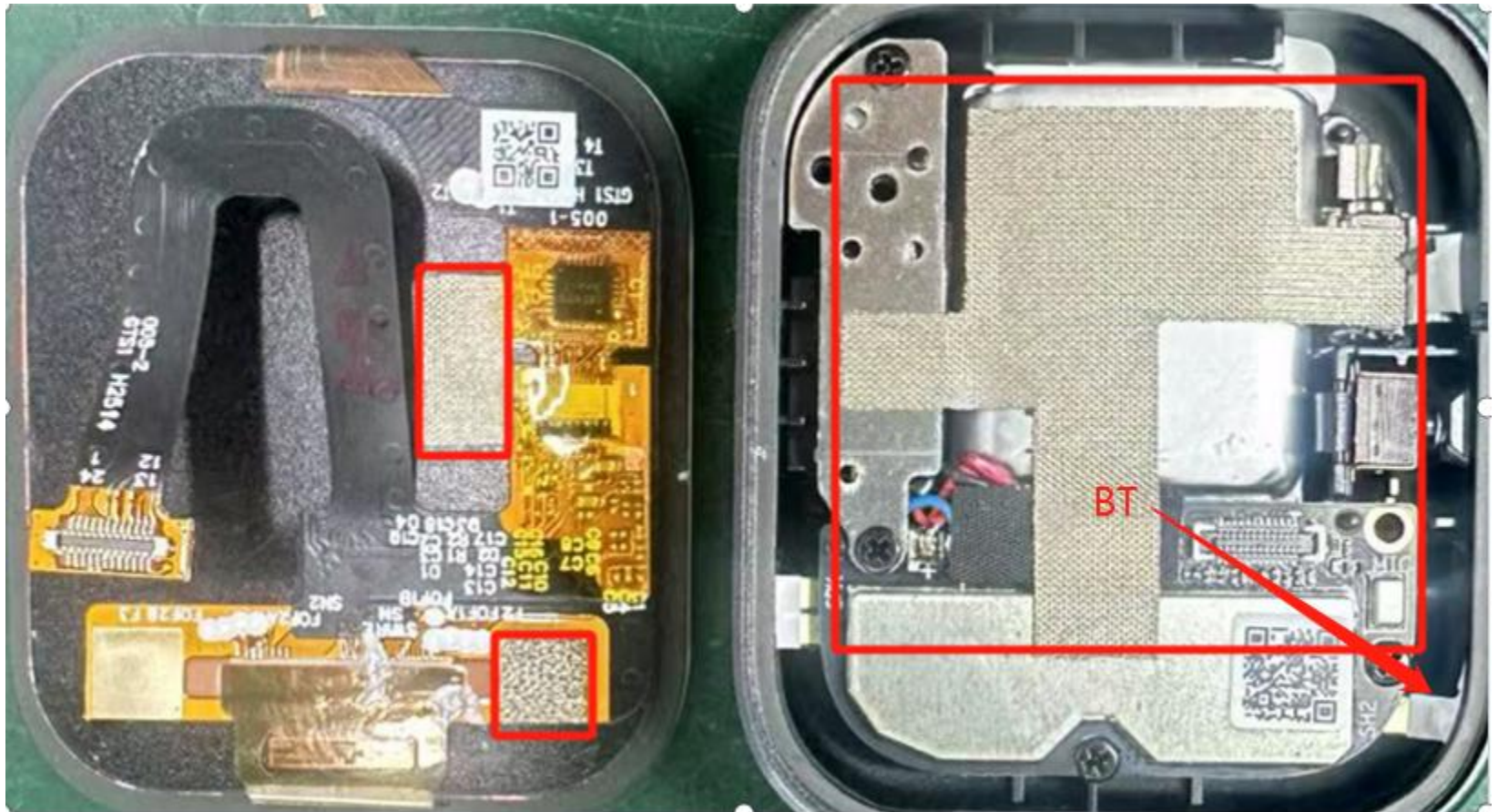


Antenna size mm

BT



BT Antenna



Thank you !