

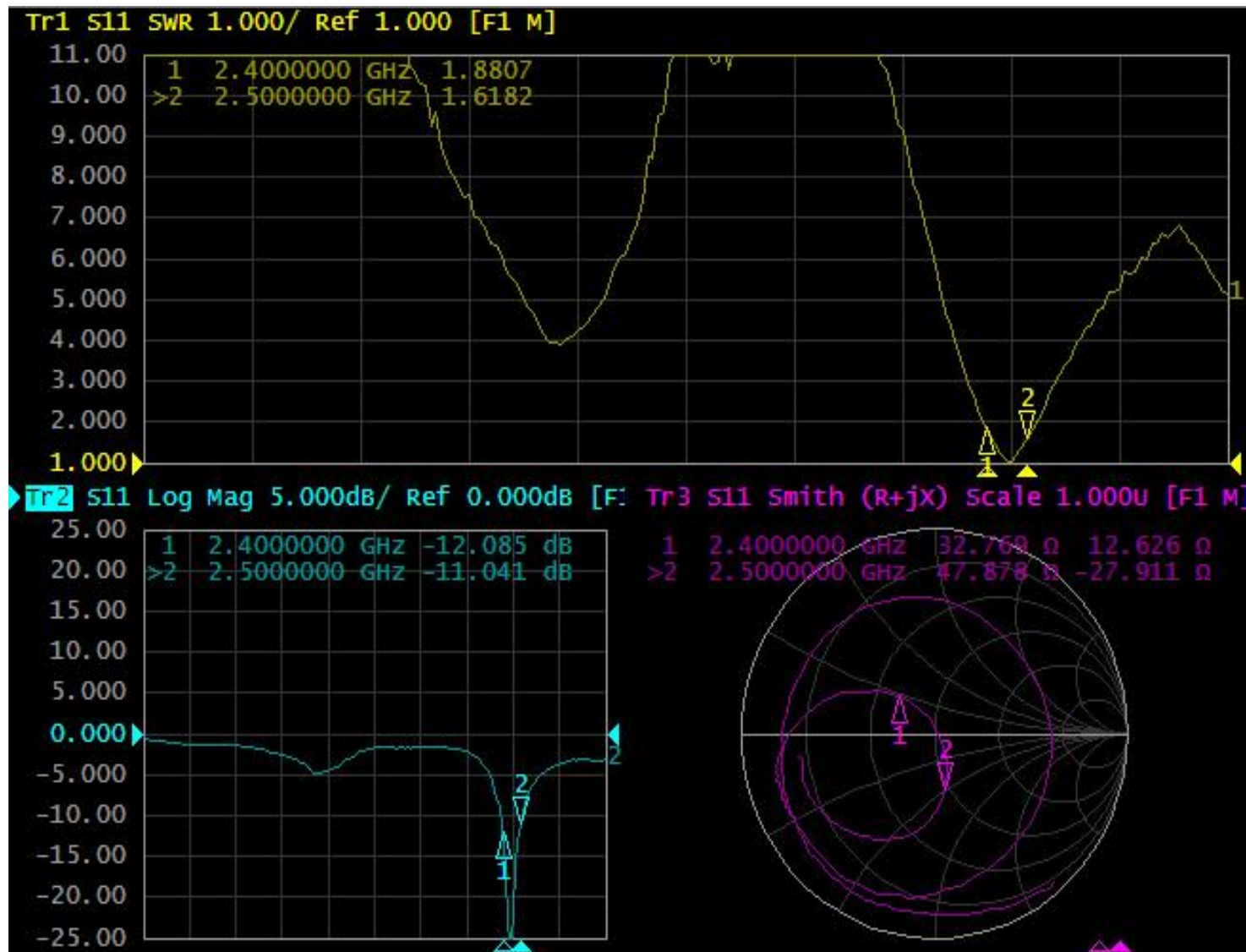
SHENZHEN YUSHENG COMMUNICATION EQUIPMENT CO., LTD

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

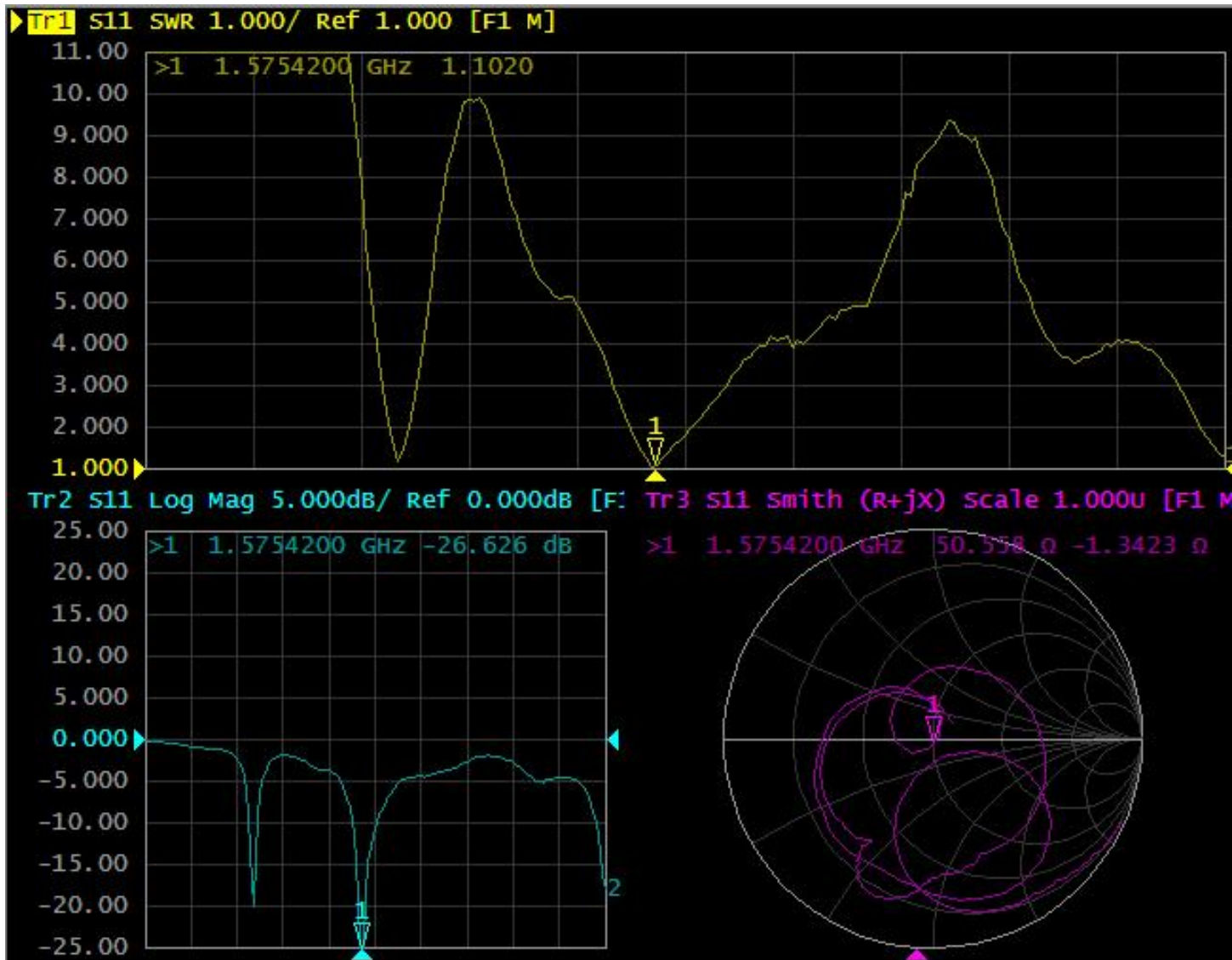
ANTENNA REPORT

	FIT500
BT&GPS	
2026-07-15	

BT_SWR



GPS_SWR



BT efficiecy

BT Gain=-1.25dBi

Free-space

Freq	Effi (%)	Effi (dB)	Gain (dBi)
2400	19.4%	-7.13	-2.38
2410	20.2%	-6.94	-2.16
2420	21.3%	-6.71	-1.88
2430	21.7%	-6.65	-1.67
2440	21.6%	-6.65	-1.43
2450	21.4%	-6.69	-1.34
2460	21.2%	-6.73	-1.25
2470	20.7%	-6.84	-1.34
2480	20.2%	-6.94	-1.32

arm

Freq	Effi (%)	Effi (dB)	Gain (dBi)
2400	6.1%	-12.14	-7.31
2410	6.3%	-12.04	-7.14
2420	6.4%	-11.91	-6.81
2430	6.6%	-11.82	-6.54
2440	6.6%	-11.81	-6.43
2450	6.4%	-11.92	-6.38
2460	6.3%	-12.00	-6.45
2470	6.2%	-12.06	-6.56
2480	6.2%	-12.11	-6.63

GPS efficiency

GPS Gain=-4.0dBi

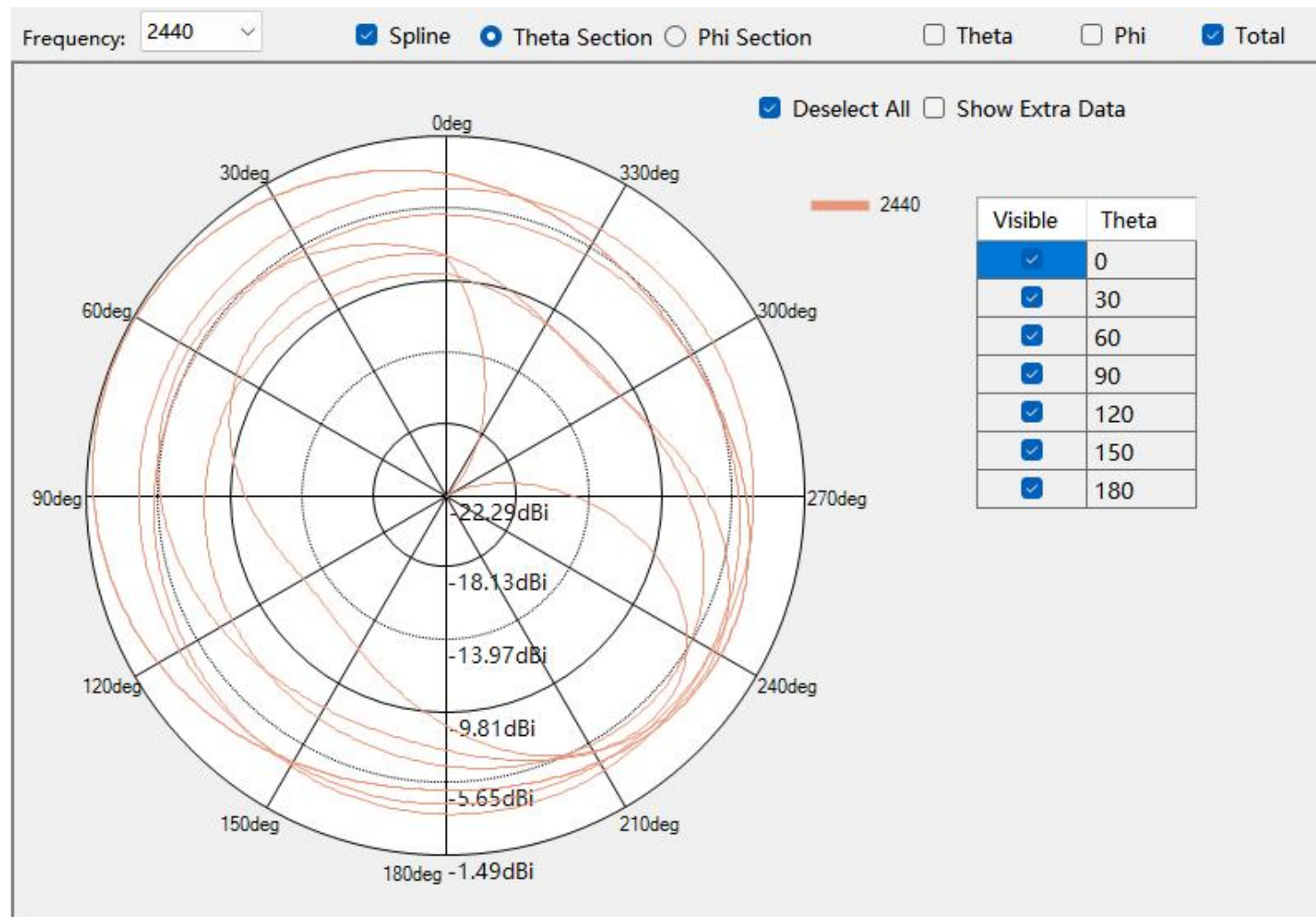
Free-space

Freq	Effi (%)	Effi (dB)	Gain(dBi)
1555	11.8%	-9.30	-4.65
1560	12.1%	-9.17	-4.54
1565	12.4%	-9.08	-4.44
1570	12.6%	-9.00	-4.28
1575	12.7%	-8.96	-4.11
1580	12.9%	-8.90	-4.00
1585	13.0%	-8.85	-4.02
1590	12.8%	-8.91	-4.01
1595	12.7%	-8.95	-4.12

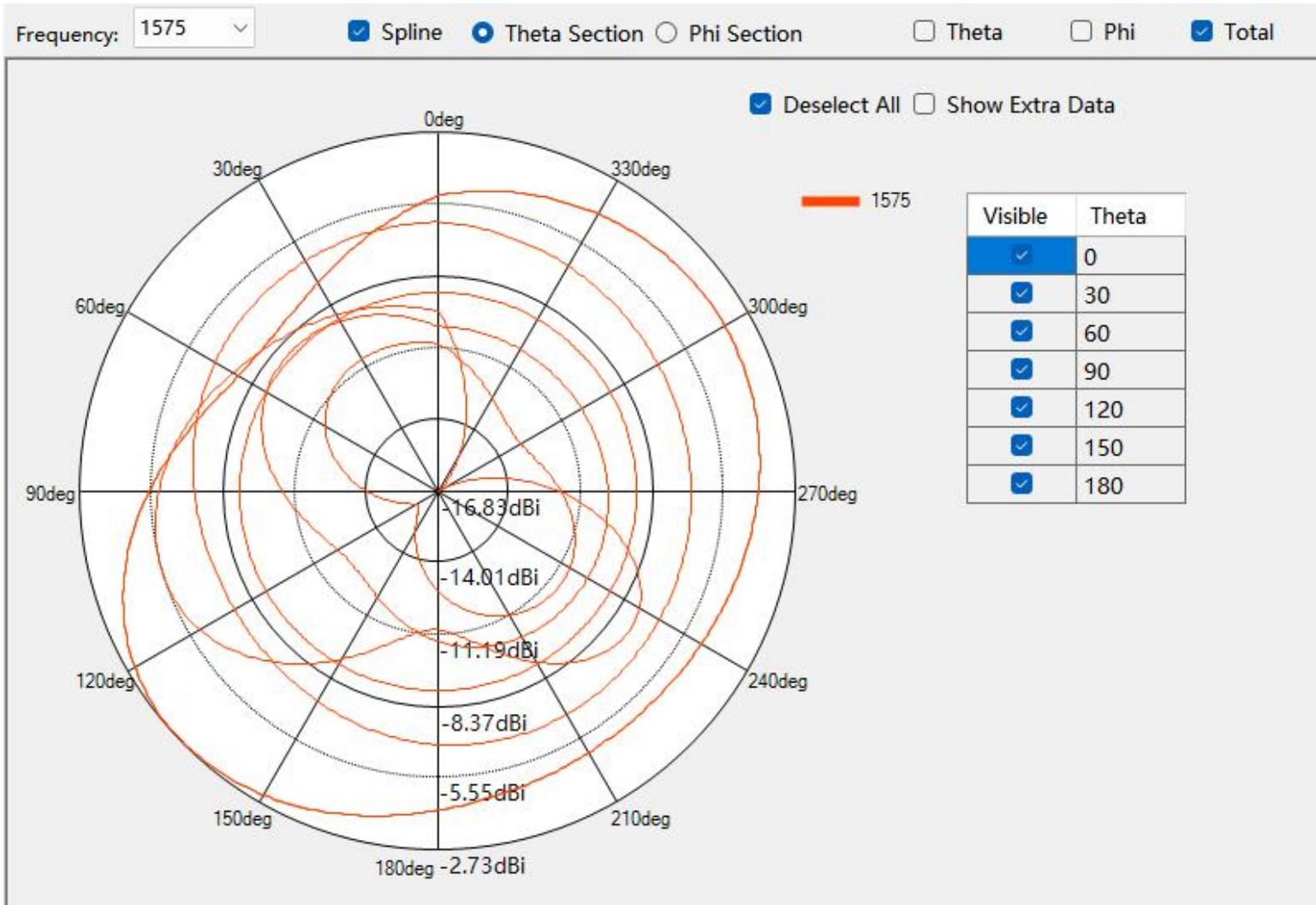
arm

Freq(天线效率)	Effi (%)	Effi (dB)	Gain(dBi)
1555	6.7%	-11.73	-8.03
1560	6.9%	-11.64	-7.92
1565	7.0%	-11.54	-7.85
1570	7.3%	-11.34	-7.73
1575	7.5%	-11.23	-7.57
1580	7.4%	-11.32	-7.52
1585	7.2%	-11.41	-7.69
1590	7.0%	-11.57	-7.82
1595	6.8%	-11.66	-7.99

BT direction diagram

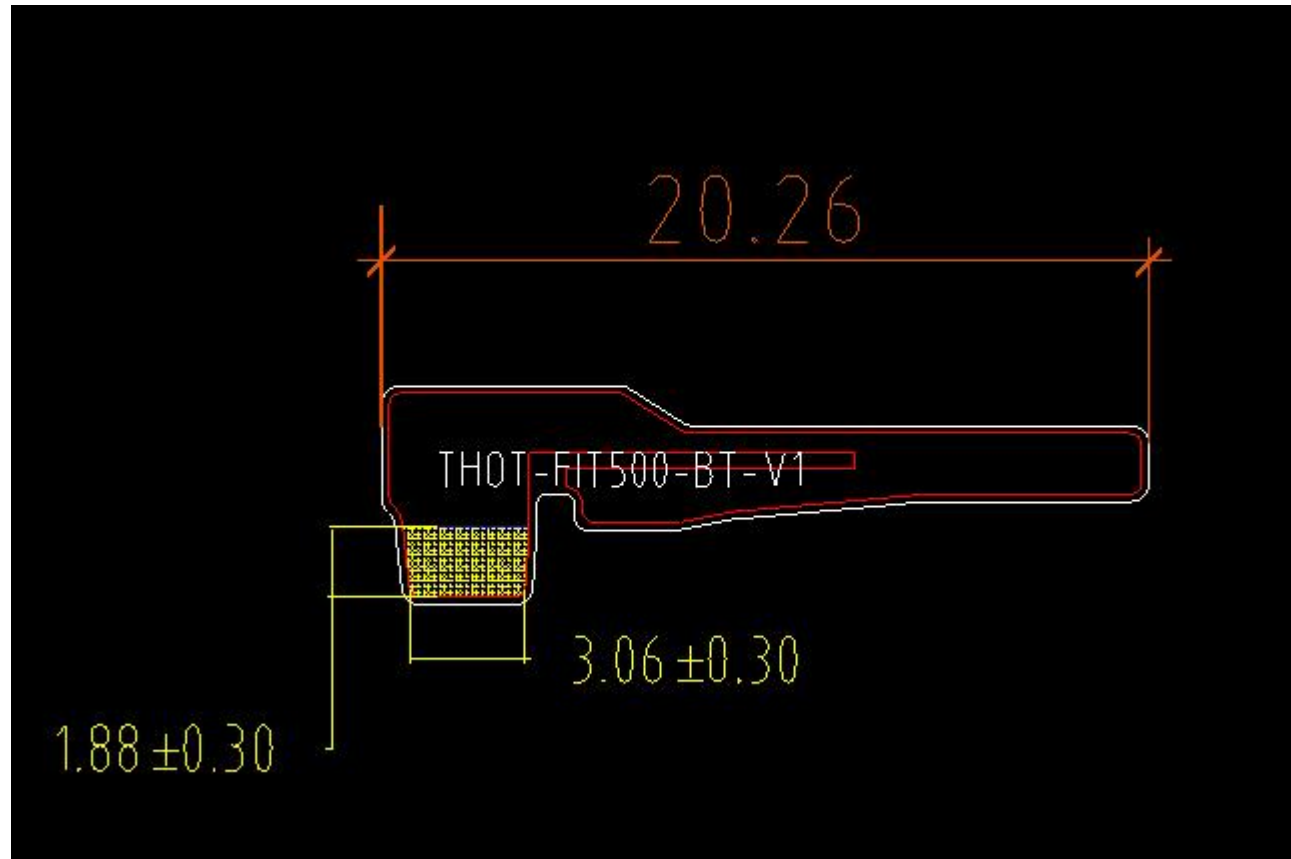


GPS direction diagram



Antenna size mm

BT



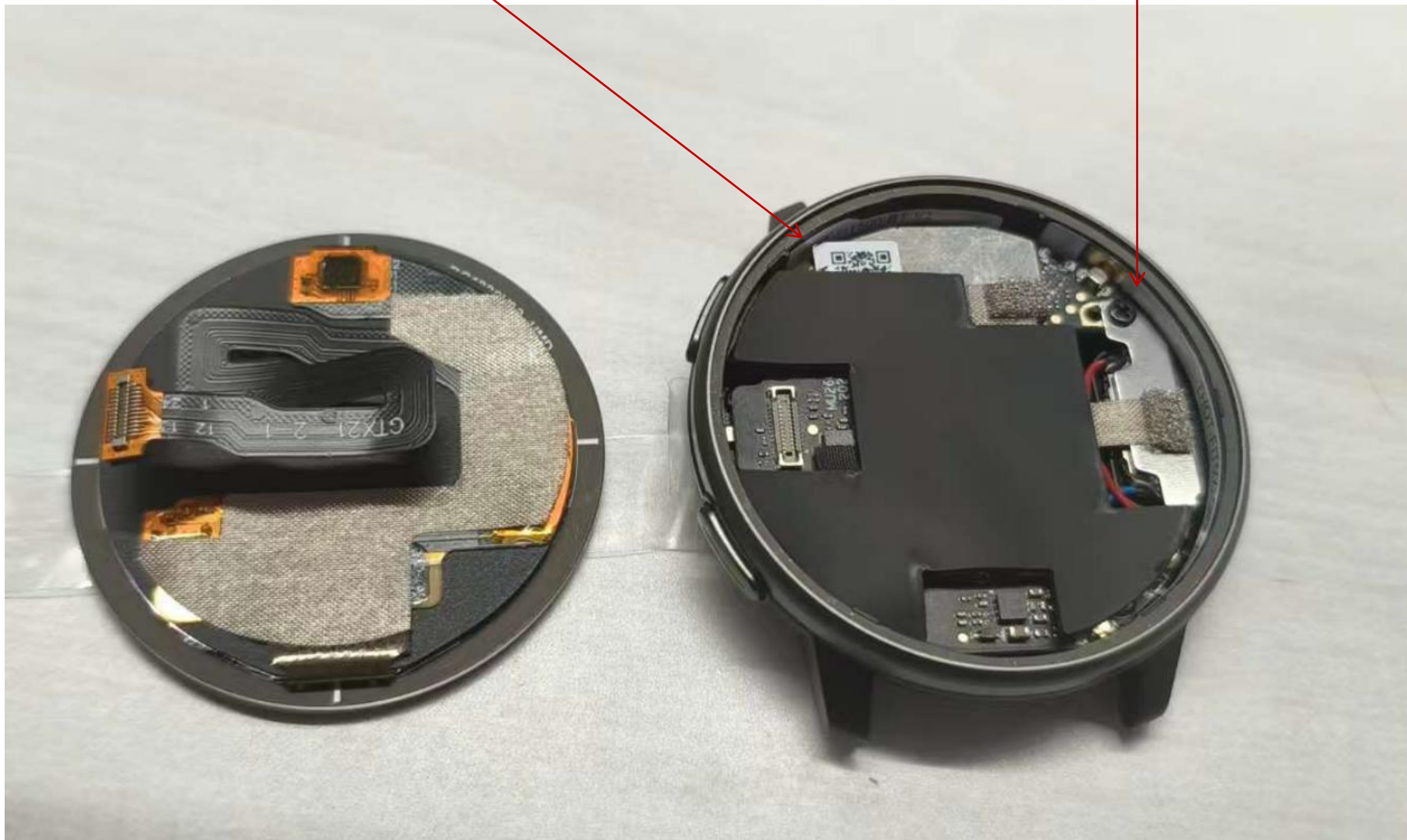
Antenna size mm

GPS



BT Antenna

GPS Antenna



Thank you !