

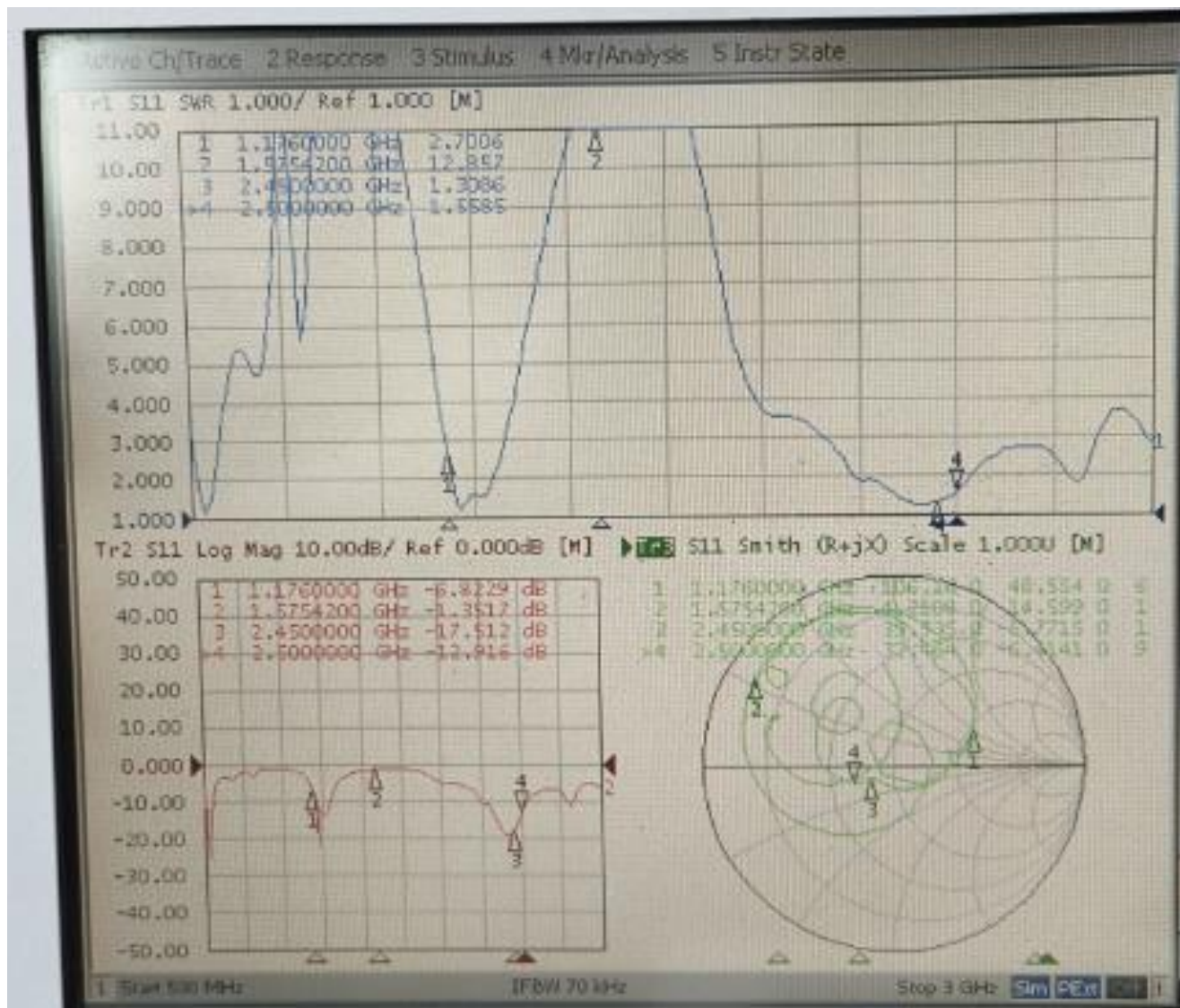
SHENZHEN YUSHENG COMMUNICATION EQUIPMENT CO., LTD

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

	G1
BT--LDS GPS-LDS	
2025-12-010	

BT SWR

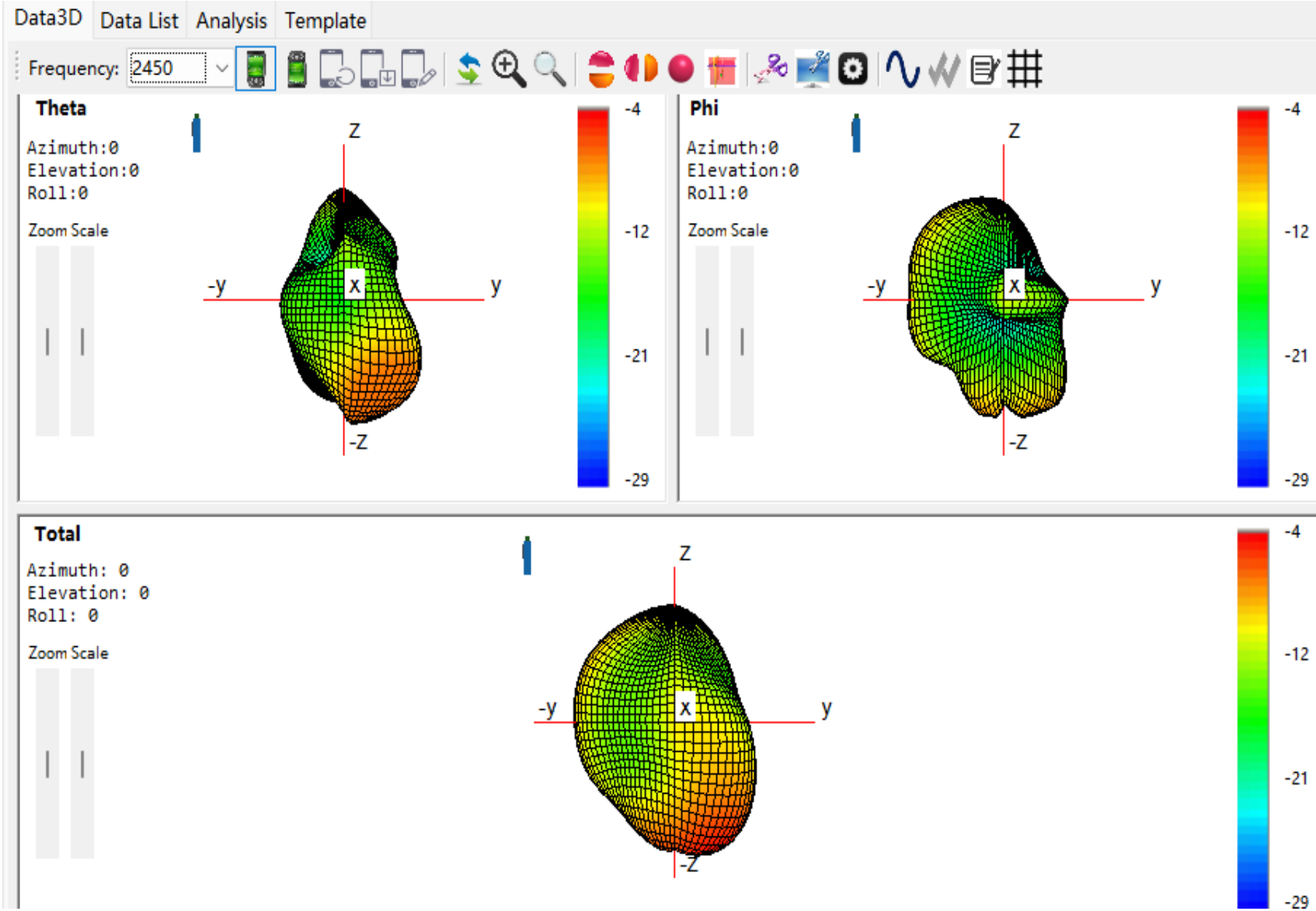


BT efficiency Free-space

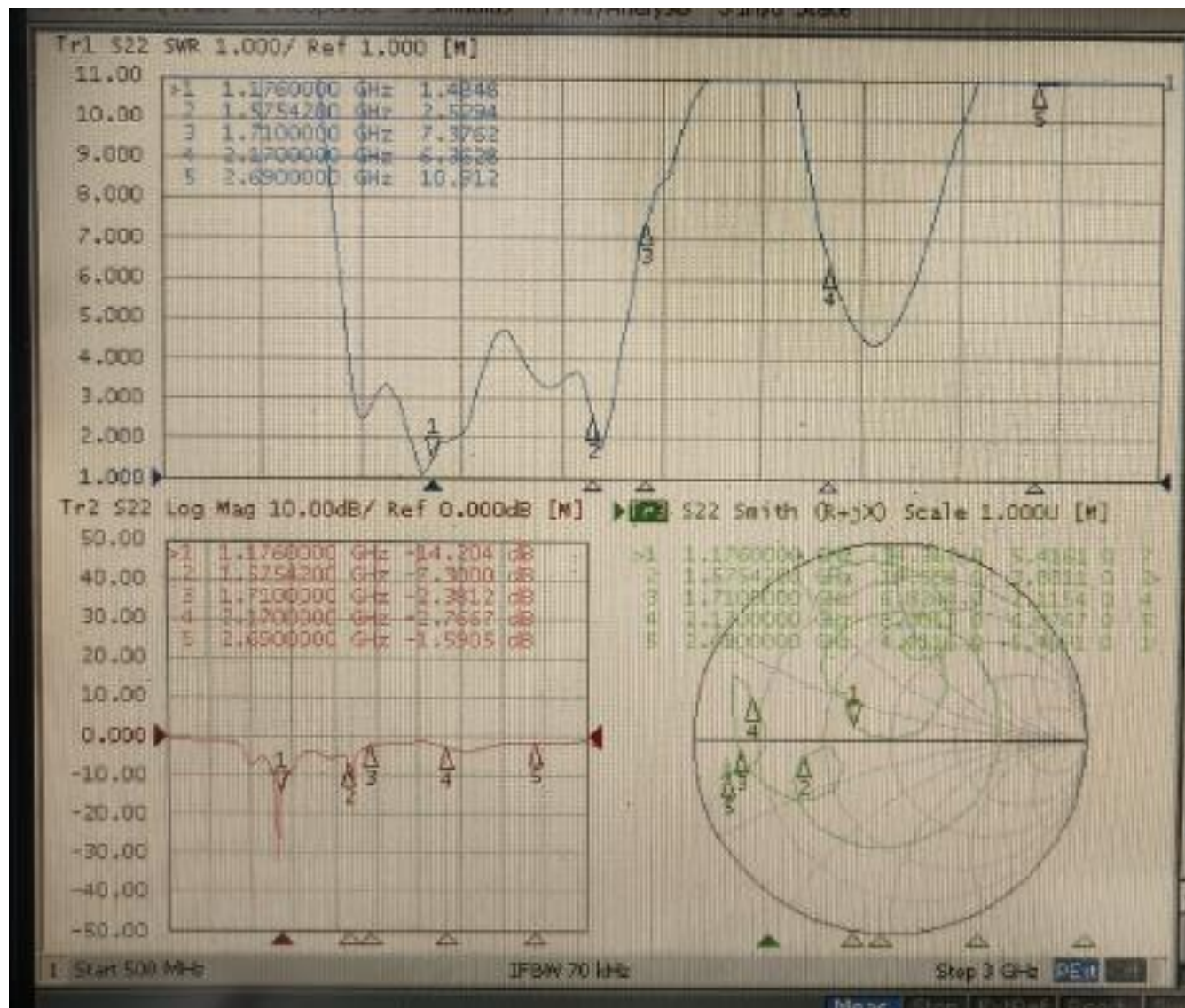
BT Gain=-4.1dBi

Freq. (MHz)	Efficiency (%)	Efficiency(dB)	Gain(dBi)
2400	10.9%	-9.6	-4.8
2410	11.3%	-9.5	-4.6
2420	11.7%	-9.3	-4.5
2430	12.2%	-9.1	-4.3
2440	13.3%	-8.8	-4.2
2450	14.2%	-8.5	-4.1
2460	13.2%	-8.8	-4.2
2470	12.9%	-8.9	-4.2
2480	12.3%	-9.1	-4.4
2490	11.5%	-9.4	-4.6
2500	11.1%	-9.5	-4.7

BT direction diagram



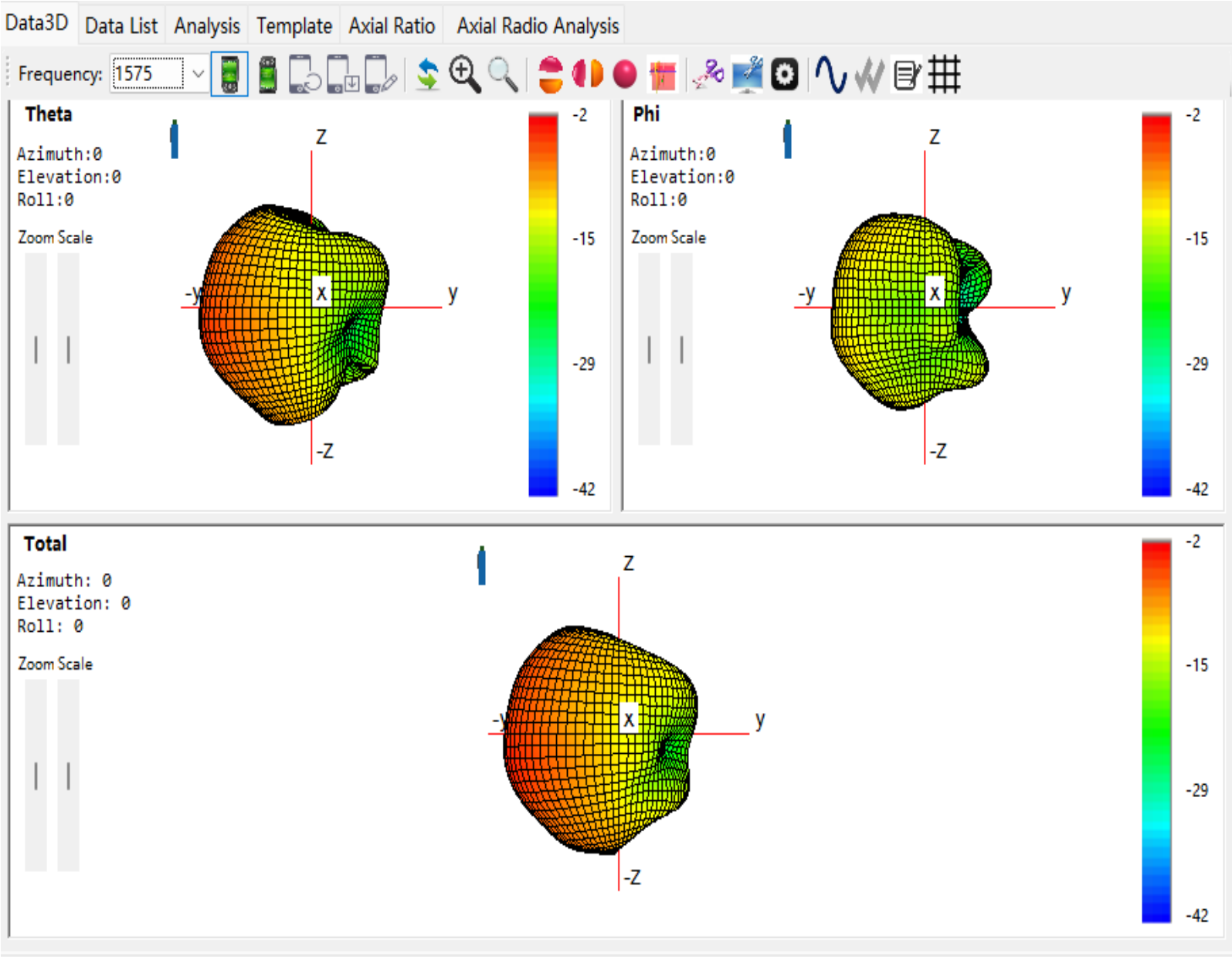
GPS SWR



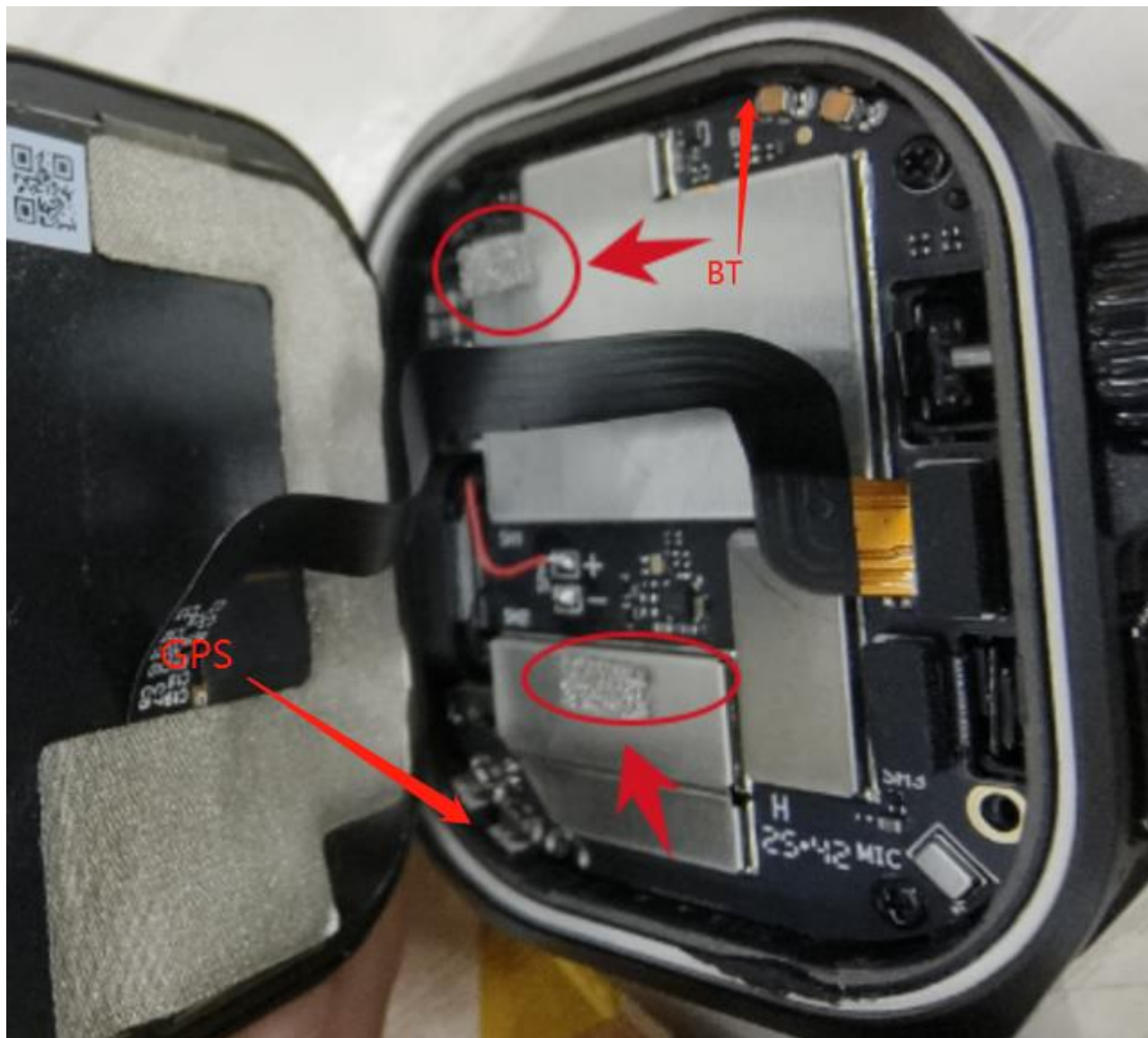
GPS efficiency Free-space

Freq. (MHz)	Efficiency (%)	Efficiency(dB)	Gain(dBi)
1550	9.3%	-10.3	-6.1
1555	9.8%	-10.1	-5.8
1560	10.4%	-9.8	-5.6
1565	10.7%	-9.7	-5.4
1570	11.4%	-9.4	-5.3
1575	10.8%	-9.7	-5.5
1580	10.4%	-12.2	-5.6
1585	10.2%	-12.2	-5.8
1590	9.5%	-10.2	-5.9
1156.0	3.6%	-14.4	-10.4
1166.0	3.9%	-14.1	-10.1
1176.0	4.6%	-13.4	-9.8
1186.0	4.5%	-13.5	-9.9
1196.0	4.2%	-13.8	-10.3

GPS direction diagram

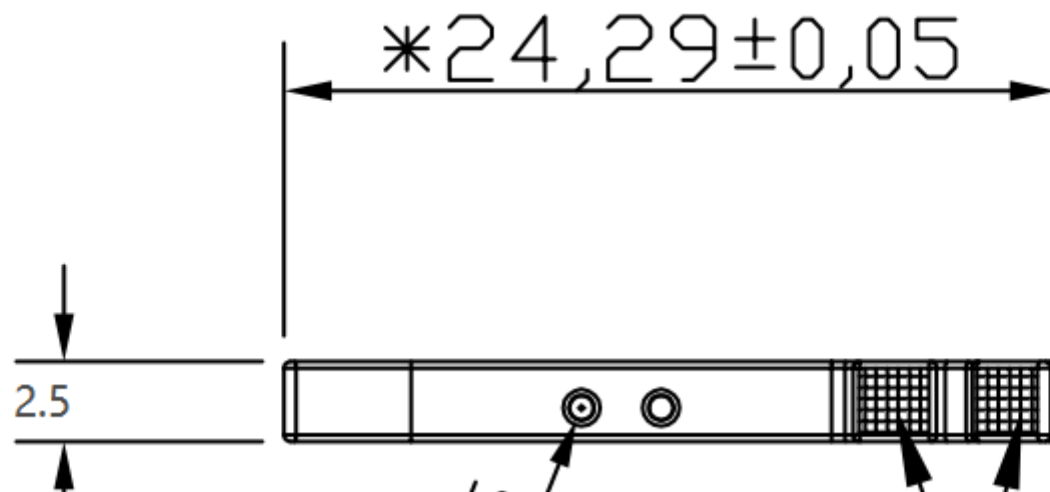


Antenna

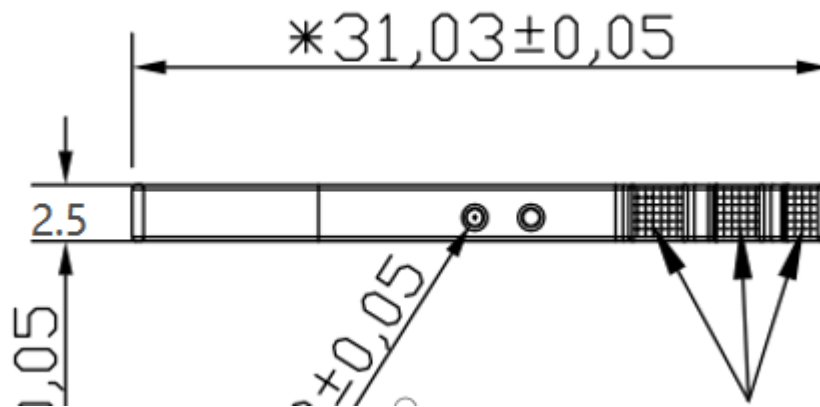


Antenna size mm

BT



Antenna size mm
GPS



Thank you !