

Suunto smart watch antenna gain report

GPS L1/L5 :

Support band:

1176.45MHz (L5) 、 1575.42MHz (L1)

BT/WIFI2.4G:

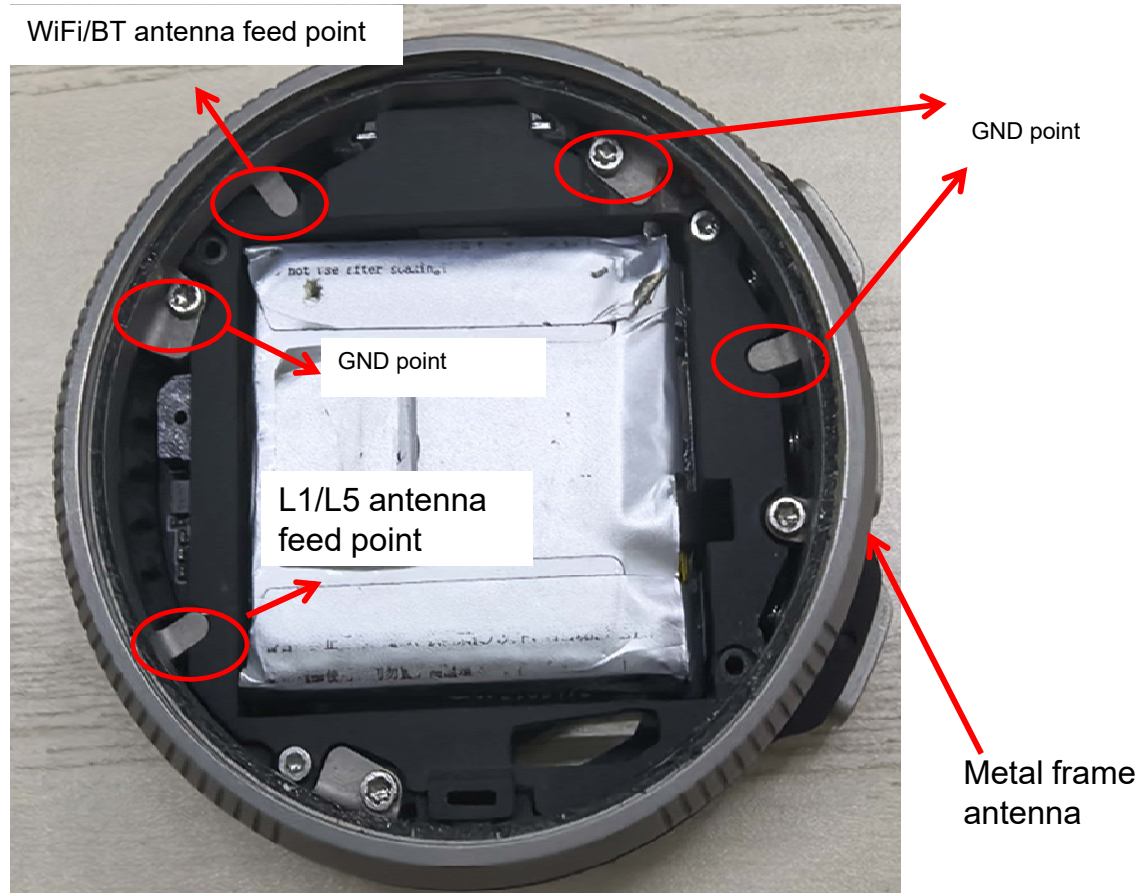
Support band: 2400-2500MHz

Connector	metal frame
Model NO	TH0T-GPS-01
Antenna manufacturer	Shenzhen Yusheng Communication Equipment Co., LTD. (Address: 4A, 4th Floor, Building 2, South Guangming Avenue, Guangming District, Shenzhen)

GPS L1/L5 Antenna Frequency: 1176MHz/1575MHz

BT+WIFI Antenna Frequency: 2450MHz

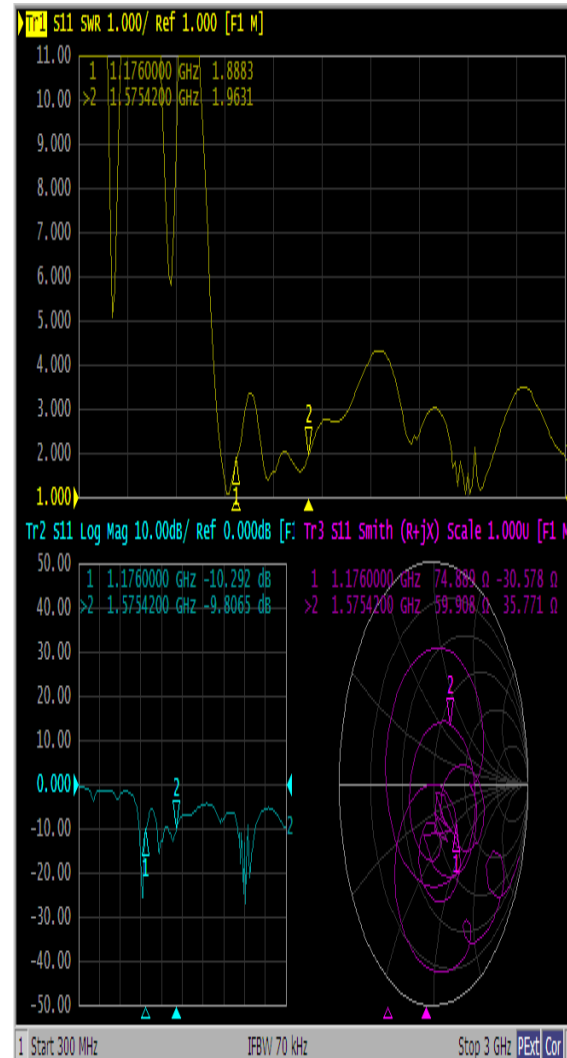
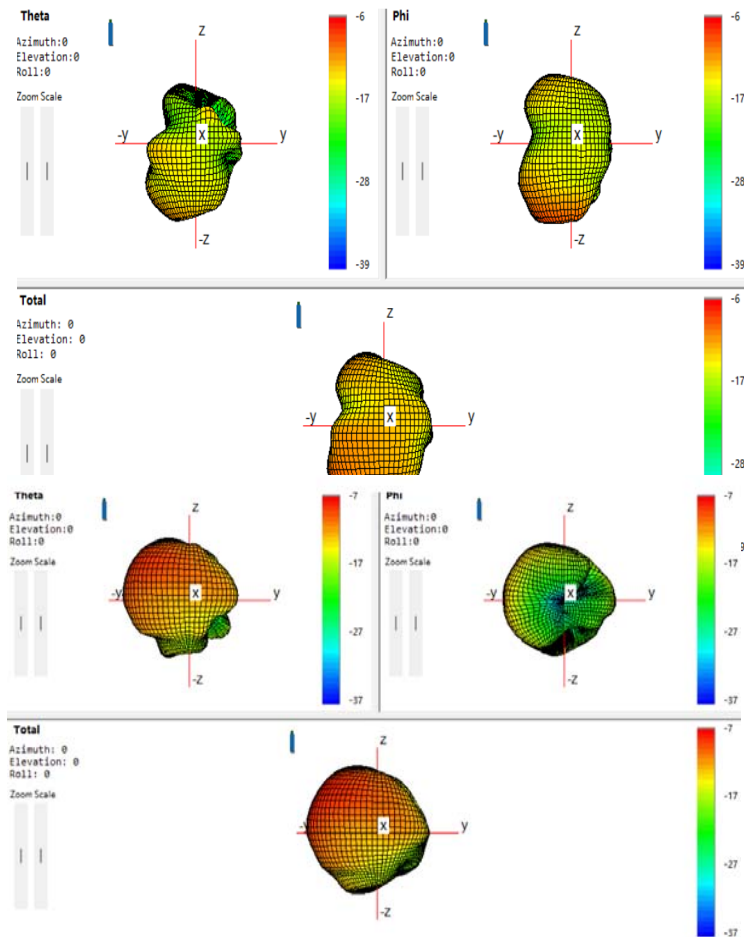
WiFi/BT antenna feed point



External diameter 48.43mm, height 4.4mm

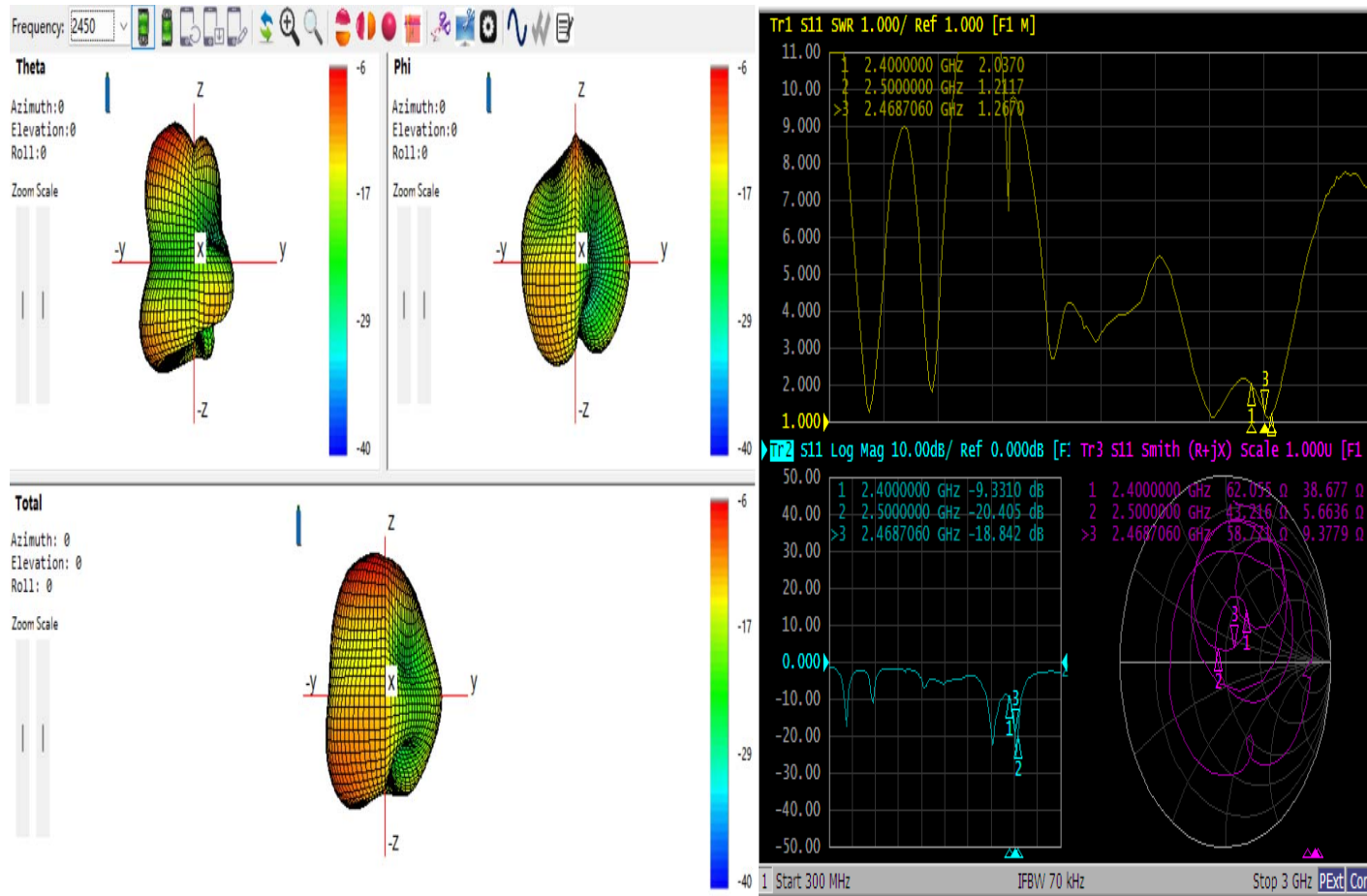
Antenna Type: metal frame

GPS Efficiency and Gain



Freq (MHz)	Gain (dBi)	Efficiency	Efficiency (%)
1150	-11.07	-12.69	5.38
1155	-10.88	-12.59	5.51
1160	-10.76	-12.45	5.69
1165	-10.71	-12.42	5.73
1170	-10.61	-12.31	5.88
1175	-9.95	-12.18	6.05
1180	-10.04	-12.21	6.01
1185	-10.44	-12.28	5.92
1190	-10.69	-12.41	5.74
1195	-10.85	-12.59	5.56
1550	-10.14	-11.64	6.85
1555	-10.01	-11.54	7.02
1560	-9.89	-11.48	7.11
1565	-9.81	-11.38	7.28
1570	-9.75	-11.34	7.34
1575	-9.62	-11.27	7.46
1580	-9.65	-11.3	7.42
1585	-9.78	-11.4	7.24
1590	-9.92	-11.49	7.09
1595	-9.98	-11.6	6.92
1600	-10.25	-11.71	6.75

BT/WIFI2.4G Efficiency and Gain



Freq (MHz)	Gain (dBi)	Efficiency (%)	Efficiency (%)
2400	-9.48	-12.97	5.05
2410	-9.32	-12.91	5.12
2420	-9.21	-12.8	5.25
2430	-9.13	-12.71	5.36
2440	-9.05	-12.53	5.59
2450	-8.95	-12.26	5.94
2460	-8.98	-12.38	5.78
2470	-9.01	-12.56	5.54
2480	-9.11	-12.7	5.37
2490	-9.29	-12.89	5.14
2500	-9.43	-13	5.01