

Suunto smart watch antenna gain report

GPS L1/L5 :

Support band:

1176.45MHz (L5) 、 1575.42MHz (L1)

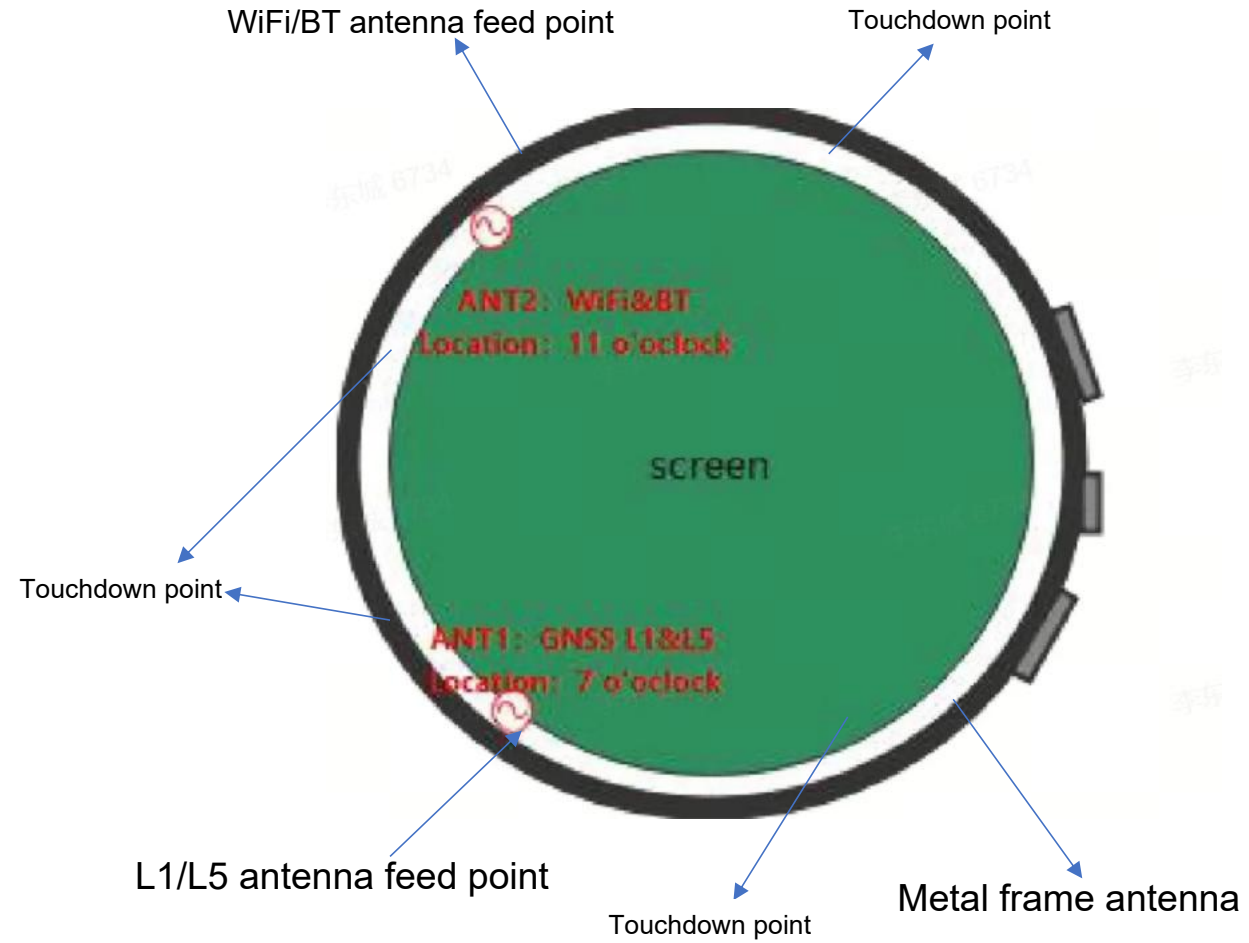
BT2.4G/5.8G:

Support band: 2400-2500MHz 5150MHz-5850MHz

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

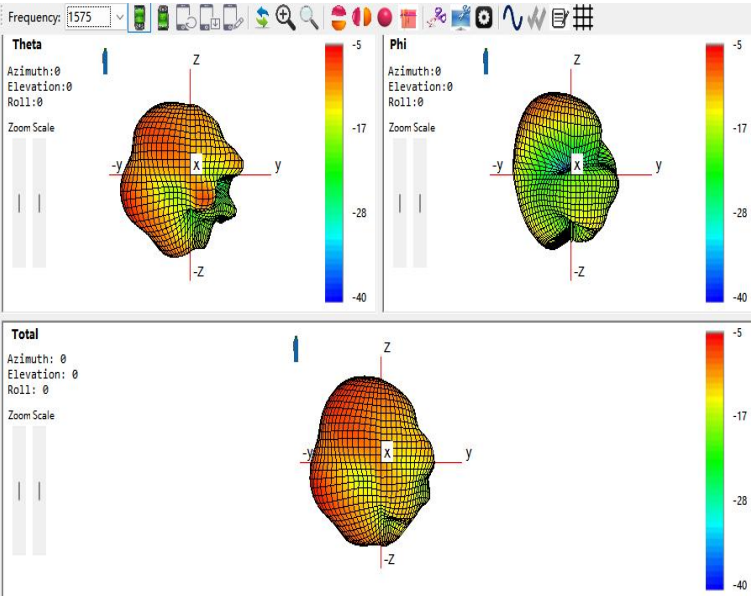
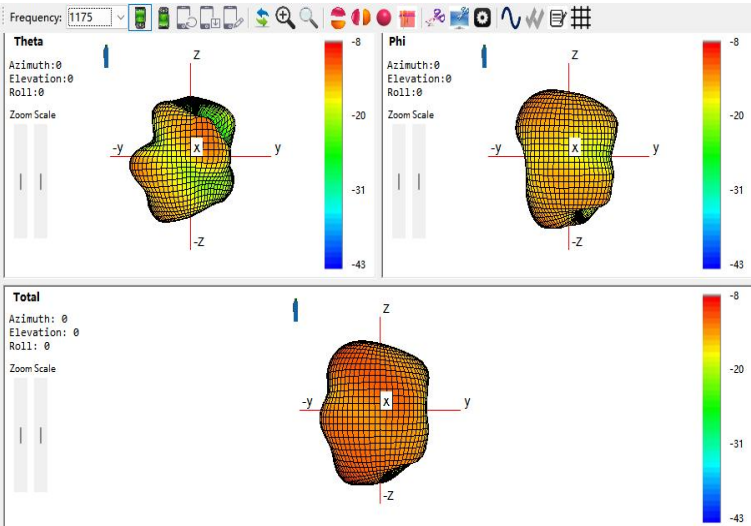
GPSS1/L5 Antenna Frequency: 1176MHz/1575MHz

BT+WIFI Antenna Frequency: 2450MHz/5.8GHz

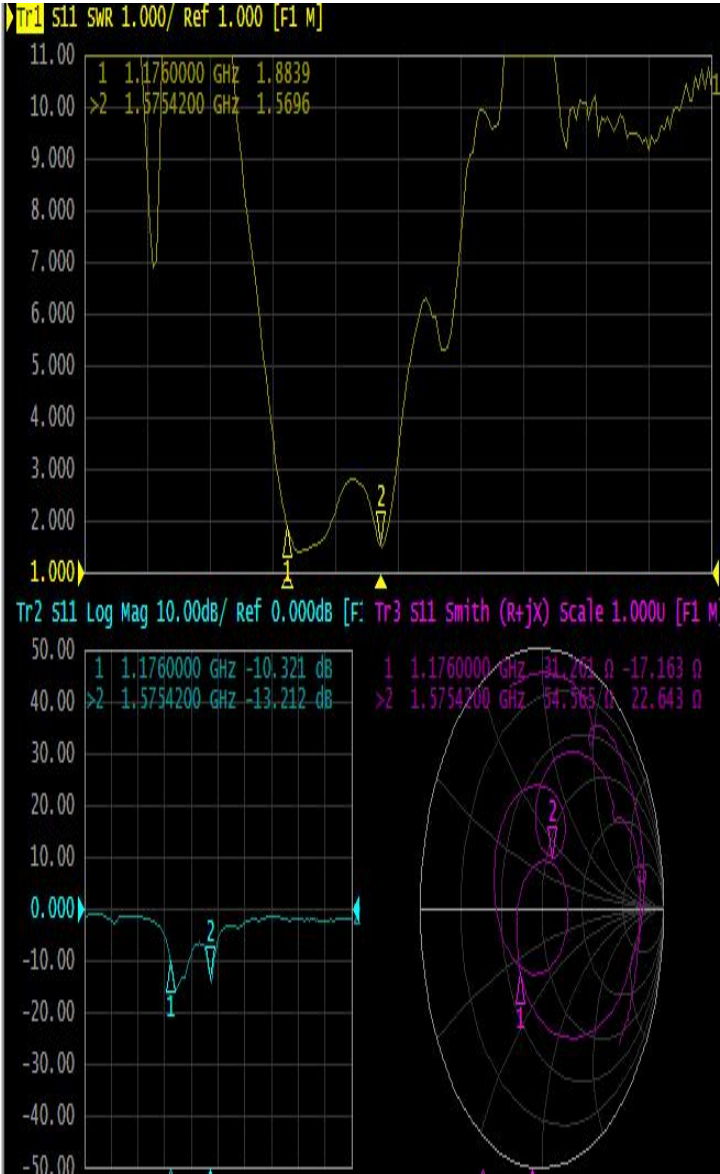


Antenna Type: metal frame

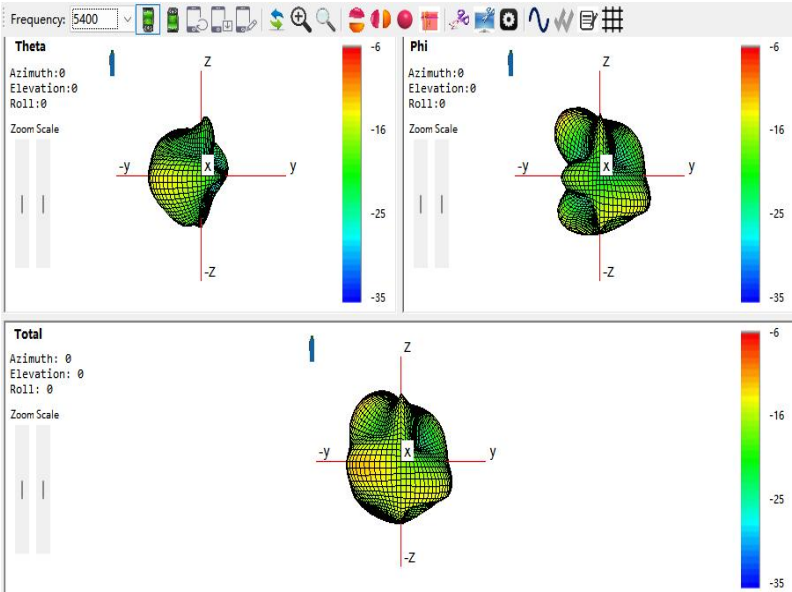
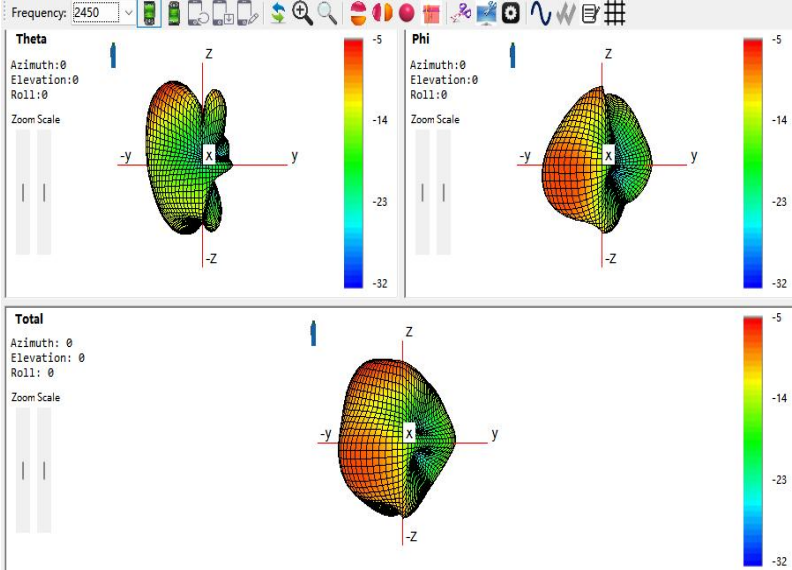
GPS Efficiency and Gain



频率	效率 (db)	Gain(dbi)	效率 (%)
1100	-12.98	-11.37	5.04
1105	-12.85	-11.13	5.19
1110	-12.7	-10.86	5.37
1115	-12.56	-10.55	5.55
1120	-12.44	-10.24	5.7
1125	-12.38	-10.05	5.78
1130	-12.33	-9.95	5.85
1135	-12.28	-9.83	5.92
1140	-12.19	-9.68	6.04
1145	-12.13	-9.6	6.12
1150	-12.11	-9.56	6.16
1155	-12.13	-9.52	6.13
1160	-12.18	-9.5	6.05
1165	-12.24	-9.52	5.98
1170	-12.29	-9.58	5.9
1175	-12.32	-9.6	5.87
1180	-12.37	-9.68	5.8
1185	-12.45	-9.78	5.69
1190	-12.57	-9.91	5.53
1195	-12.73	-10.12	5.34
1200	-12.89	-10.34	5.14
1500	-11.65	-7.82	6.84
1505	-11.66	-7.76	6.82
1510	-11.68	-7.81	6.79
1515	-11.72	-7.84	6.72
1520	-11.74	-7.73	6.7
1525	-11.75	-7.68	6.68
1530	-11.72	-7.63	6.74
1535	-11.67	-7.47	6.81
1540	-11.6	-7.31	6.92
1545	-11.54	-7.2	7.02
1550	-11.47	-7.03	7.13
1555	-11.44	-6.91	7.17
1560	-11.42	-6.88	7.21
1565	-11.36	-6.79	7.31
1570	-11.27	-6.65	7.47
1575	-11.17	-6.59	7.64
1580	-11.13	-6.57	7.71
1585	-11.11	-6.57	7.74
1590	-11.12	-6.69	7.73
1595	-11.16	-6.88	7.66
1600	-11.19	-6.98	7.6



BT Efficiency and Gain



频率	效率 (db)	Gain(dbi)	效率 (%)
2400	-10.95	-5.79	8.04
2410	-10.97	-5.75	7.99
2420	-10.99	-5.63	7.97
2430	-10.94	-5.47	8.05
2440	-10.99	-5.4	7.96
2450	-11.12	-5.4	7.73
2460	-11.24	-5.47	7.51
2470	-11.23	-5.35	7.53
2480	-11.21	-5.22	7.57
2490	-11.26	-5.28	7.48
2500	-11.32	-5.23	7.38
5100	-10.97	-3.54	8
5150	-11.45	-3.93	7.16
5200	-11.76	-4.28	6.67
5250	-12.43	-5.12	5.71
5300	-12.89	-5.84	5.14
5350	-13.02	-6.27	4.99
5400	-12.58	-6.12	5.53
5450	-12.43	-6.26	5.72
5500	-12.58	-6.37	5.52
5550	-12.27	-6.08	5.93
5600	-12.19	-6.13	6.04
5650	-12.38	-6.46	5.79
5700	-12.84	-7.15	5.2
5750	-13.44	-8.3	4.53
5800	-14.17	-9.85	3.83
5825	-14.29	-9.95	3.72
5850	-14.49	-10.04	3.56

