

SUUNTO

smart watch antenna gain
report

BT/2.4G WIFI/GPS antenna

Connector/天线类型	metal frame/金属边框天线
Model NO/天线型号	TH0T-GPS-01
Antenna manufacturer&adress/天线制造商&地址	Shenzhen Yusheng Communication Equipment Co., LTD. (Address: 4A, 4th Floor, Building 2, South Guangming Avenue, Guangming District, Shenzhen)/深圳市昱晟通讯设备有限公司（地址：深圳市光明区光明大道南太云创谷2栋4楼4A）

GPS L1/L5:

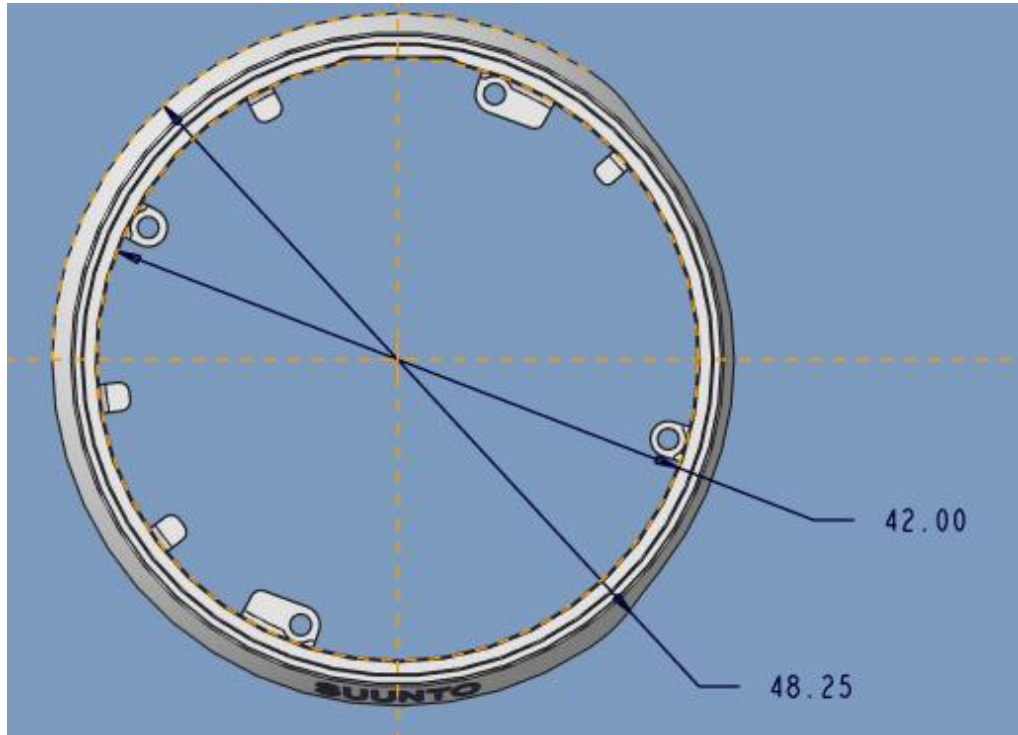
Support band: 1176.45MHz (L5) 、 1575.42MHz (L1)

BT/WIFI2.4G:

Support band: 2400-2500MHz

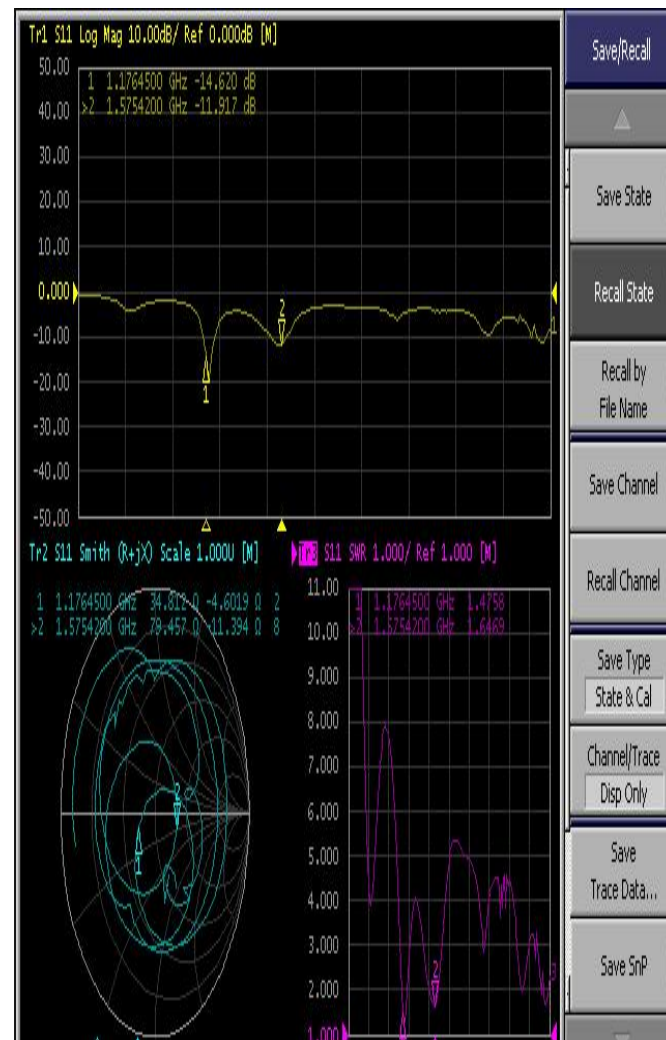
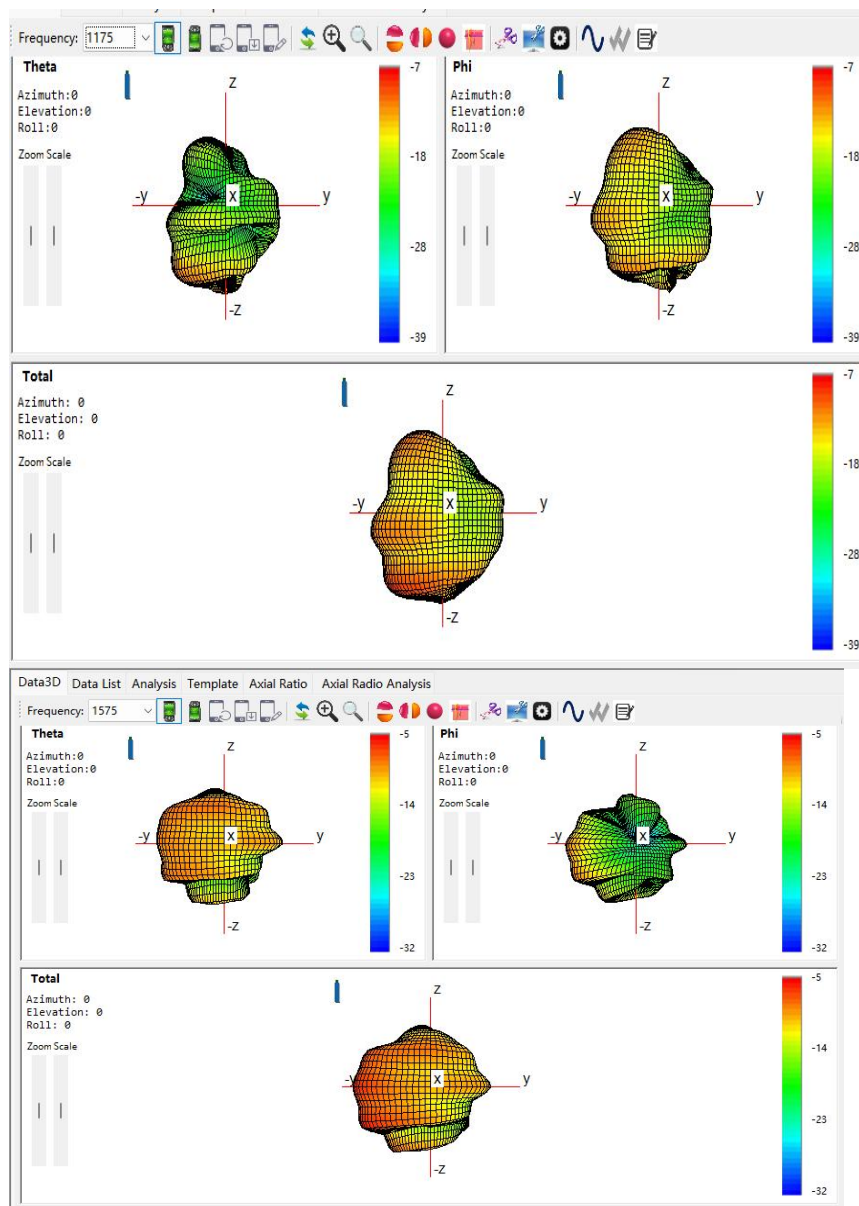
GPS L1/L5 Antenna Frequency: 1176MHz/1575MHz

BT+WIFI Antenna Frequency: 2450MHz



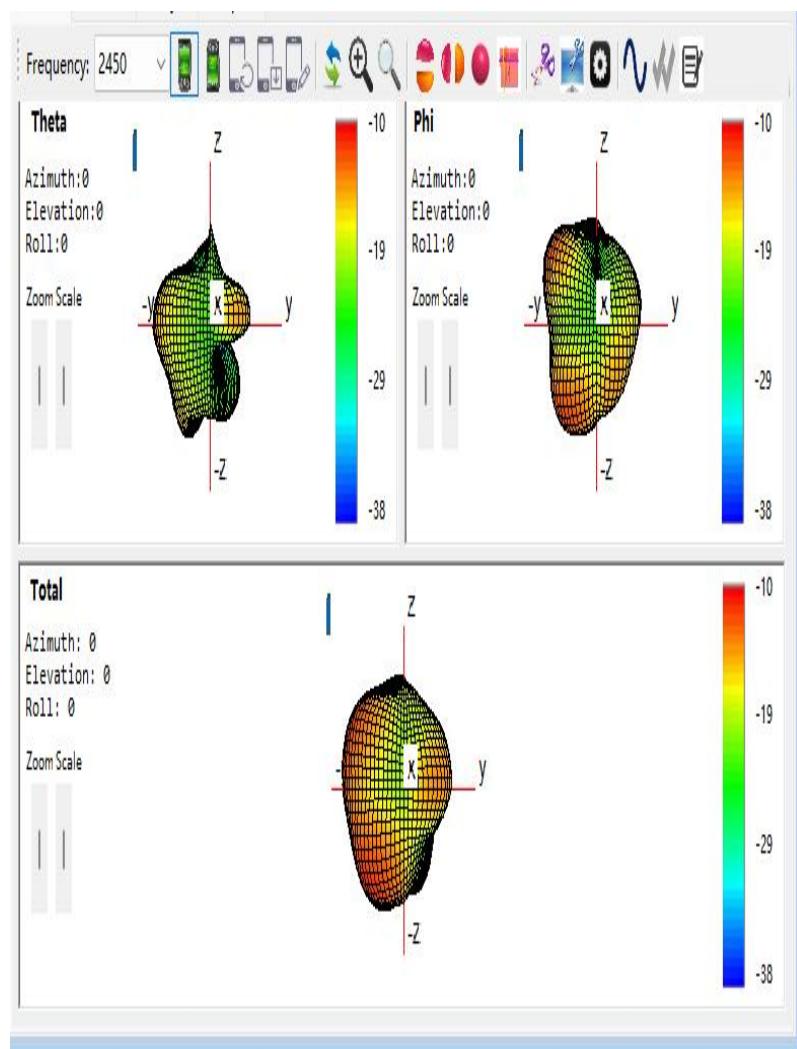
Antenna Type: metal frame

GPS Efficiency and Gain

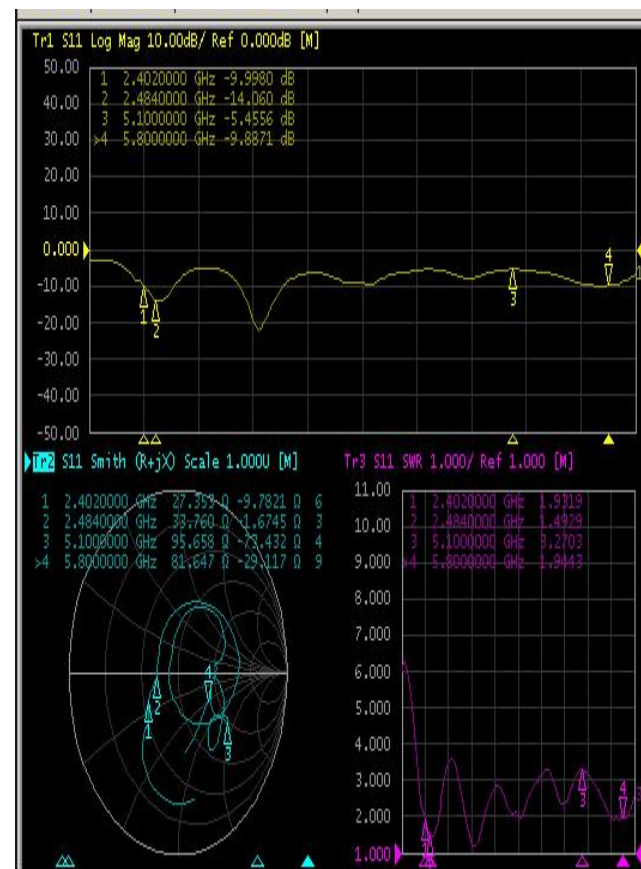


Freq (MHz)	Efficiency_dB	Gain	Efficiency_Pcent
1150	-12.7329	-9.99453	5.329731
1155	-12.6874	-9.99802	5.385898
1160	-12.6644	-9.96211	5.414578
1165	-12.6675	-9.94792	5.410609
1170	-12.6879	-10.0134	5.385257
1175	-12.7162	-10.1017	5.350313
1180	-12.7683	-10.1477	5.286512
1185	-12.8271	-10.1674	5.215447
1190	-12.8971	-10.2703	5.132066
1195	-12.9735	-10.4062	5.0426
1550	-12.8203	-7.19494	5.223646
1555	-12.6088	-6.92472	5.484239
1560	-12.3761	-6.70072	5.786123
1565	-12.1194	-6.4475	6.138453
1570	-11.8309	-6.14823	6.560072
1575	-11.5293	-5.88411	7.031838
1580	-11.2743	-5.71329	7.457024
1585	-11.0742	-5.58993	7.808658
1590	-10.9081	-5.48896	8.113198
1595	-10.7815	-5.45733	8.353215
1600	-10.6926	-5.48146	8.525961

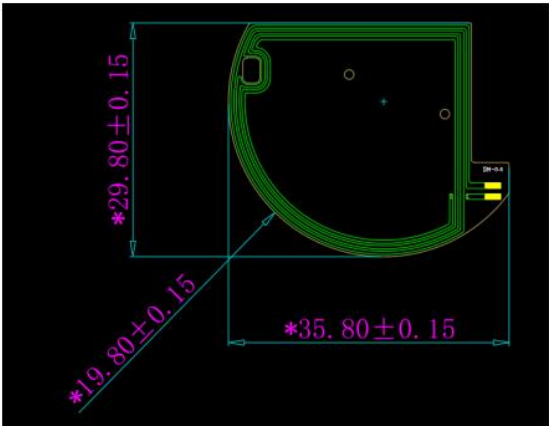
BT/WIFI2.4G Efficiency and Gain



Freq (MHz)	Efficien cy_dB	Efficien cy_Pcent	Gain
2400	-14.0999	3.890535	-10.2806
2410	-14.3291	3.690524	-10.2674
2420	-14.5065	3.542859	-10.2342
2430	-14.7644	3.338539	-10.2829
2440	-14.9453	3.202331	-10.2612
2450	-15.0753	3.107925	-10.2125
2460	-15.31	2.944427	-10.2671
2470	-15.5431	2.790539	-10.3254
2480	-15.7302	2.672858	-10.3907



NFC antenna



天线类型(Antenna type)	NFC
天线型号(Antenna type)	F2079
制造商(Manufacturer)	东莞市德门电子有限公司 (Dongguan De men electronics Co., LTD)
制造地址(Manufacturing address)	东莞市塘厦镇凤泰路顺络工业园1号D栋 (Building D, No. 1, Shunluo Industrial Park, Fengtai Road, Tangxia Town, Dongguan City)