

CWR07G Antenna Specifications

Manufacturer: Shenzhen Yusheng Communication Equipment Co., Ltd

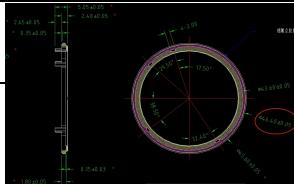
Antenna manufacturer address: 407-411, 4th Floor, Building 2, South Taiyun ChuangguPark, southeast of the intersection of Guangming Avenue and DongchangRoad, GuangmingDistrict, Shenzhen

Antenna type: Screen antenna

Antenna material: Metal

天线尺寸:

圆直径: 46.4mm



Main content of the report

Preliminary debugging results: 1. Arm GPS antenna efficiency debugging around 7%, 2. Arm BT antenna efficiency debugging around 5%

GPS/BT passive diagram

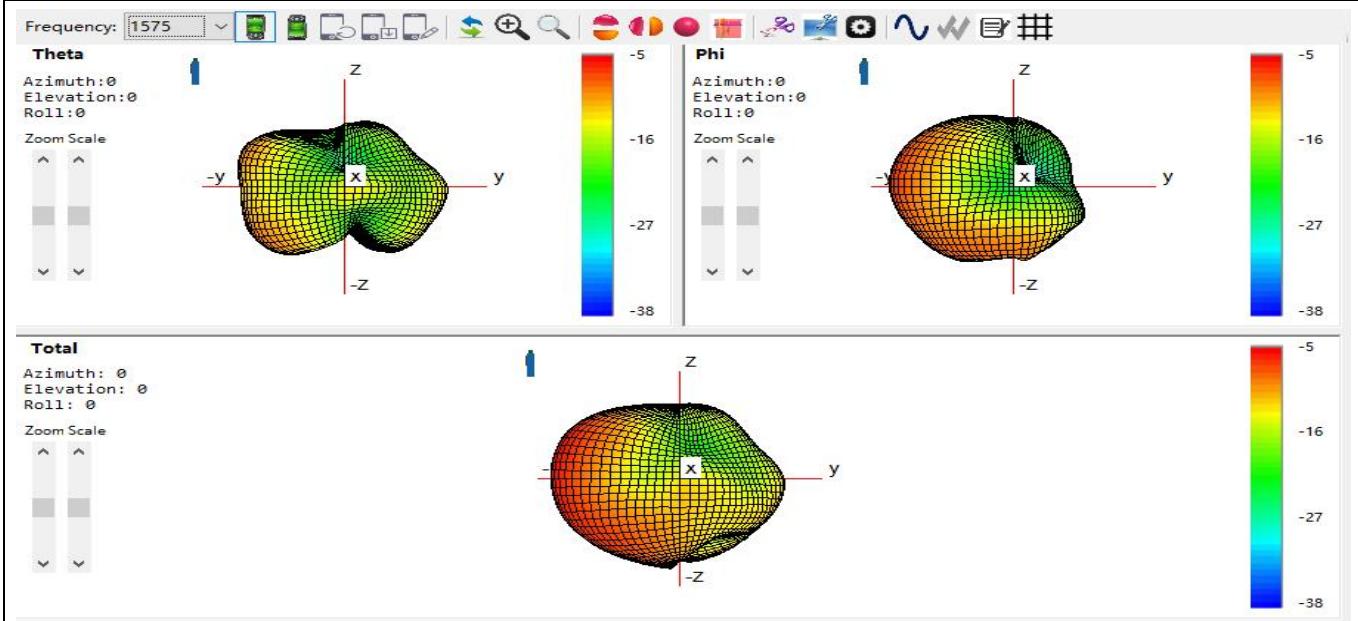


Test results of antenna efficiency parameters

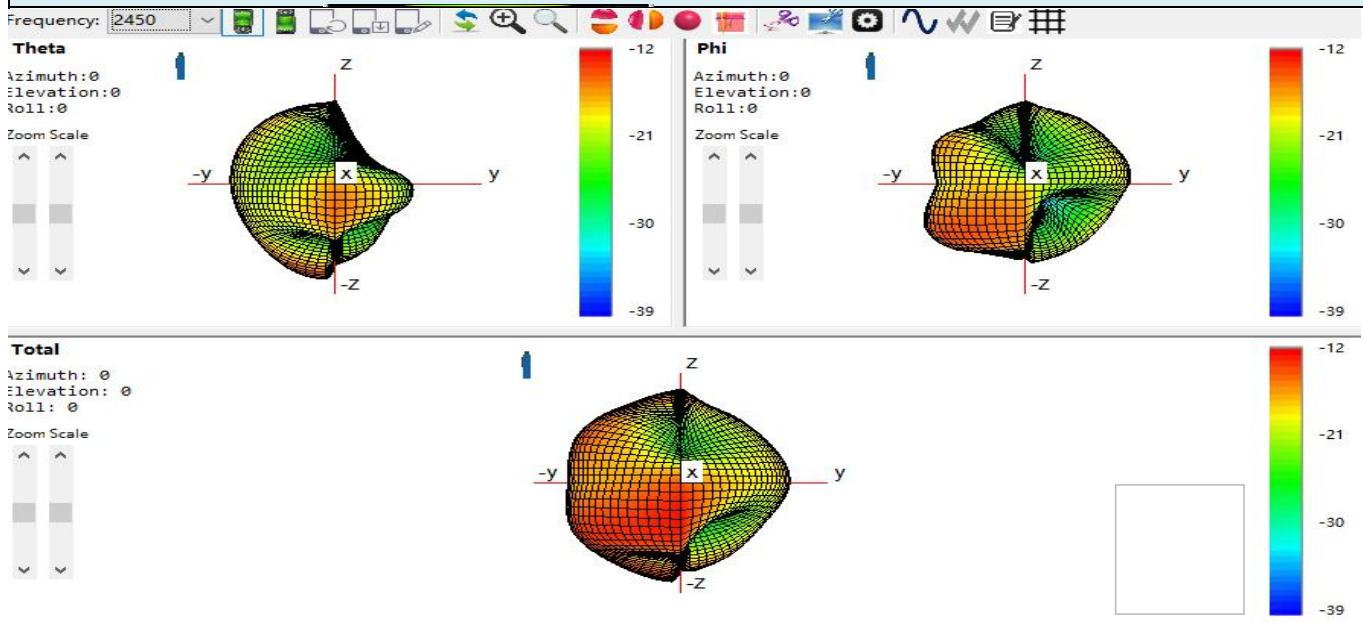
	Frequency point	Efficiency%	Efficiency db	gain		Frequency point	Efficiency%	Efficiency db	gain
		2400	3%	-14.9		1550	4%	-14.4	-11.3
BT Arm	2410	4%	-13.9	-11.4	1555	4%	-13.8	-11.1	
	2420	4%	-13.7	-11.2	1560	4%	-13.6	-10.9	
	2430	4%	-13.6	-10.8	1565	5%	-12.8	-10.7	
	2440	5%	-12.9	-10.4	1570	6%	-12.4	-10.4	
	2450	5%	-12.7	-10.2	1575	7%	-11.9	-9.7	
	2460	5%	-12.9	-10.5	1580	6%	-12.1	-9.9	
	2470	4%	-13.6	-10.9	1585	5%	-12.7	-10.5	
	2480	4%	-13.9	-11.2	1590	4%	-13.6	-10.8	
	2490	3%	-14.7	-11.5					
	2500	3%	-14.9	-11.8					

1575MHz passive directional diagram/field pattern diagram

Antenna Report



2450MHz passive directional diagram/field pattern diagram



The metal coil is used as an antenna, as shown in the following figure:

