
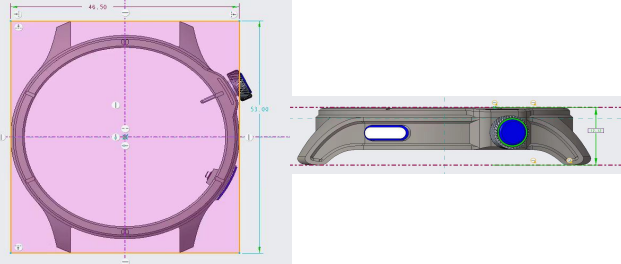
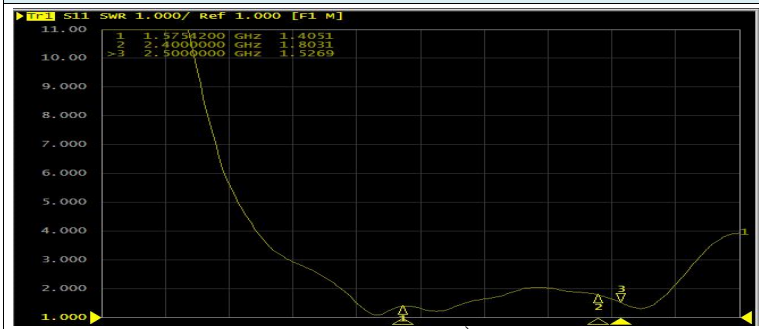


BW691A2F antenna specifications

Antenna Description	The antenna of the BW691A2F project uses a metal frame and a face ring as the antenna radiator, and the motherboard end is connected to the antenna body by shrapnel to connect the main feed point and ground feed point.	
Antenna appearance		
Antenna Size		
Antenna efficiency parameters	Passive debugging results: 1. Arm GPS antenna efficiency debugging is about 7%, 2. Arm BT antenna efficiency debugging is about 6%	

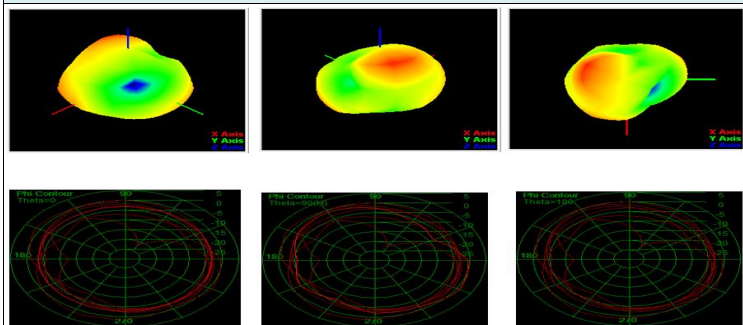
GPS/BT passive diagram



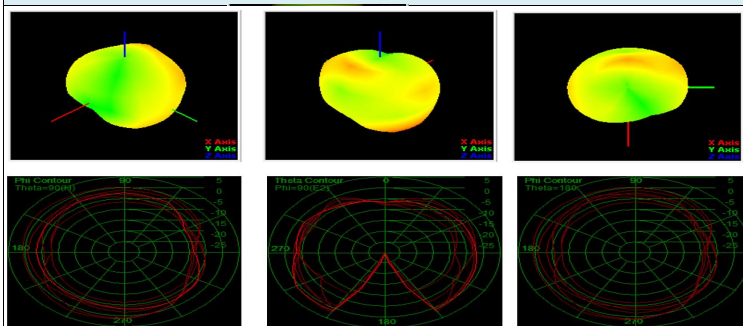
Testing of antenna efficiency parameters

	Frequency point	efficiency(%)	efficiency(dB)	Gain(dBi)		Frequency point	efficiency(%)	efficiency(dB)	Gain(dBi)
BT Arm	2400	4%	-13.8	-4.9	GPS Arm	1550	4%	-14.4	-4.4
	2410	5%	-13.2	-4.8		1555	4%	-13.8	-4.2
	2420	5%	-12.8	-4.5		1560	5%	-13.5	-4.2
	2430	6%	-12.6	-4.1		1565	5%	-13.3	-4.1
	2440	5%	-13.3	-4.0		1570	6%	-12.1	-4.0
	2450	6%	-12.0	-3.8		1575	7%	-11.5	-3.8
	2460	5%	-13.4	-4.0		1580	6%	-12.4	-3.9
	2470	5%	-12.7	-4.1		1585	5%	-12.8	-4.1
	2480	5%	-13.4	-4.4		1590	4%	-13.9	-4.3
	2490	4%	-13.7	-4.5					
2500	3%	-14.7	-4.7						

1575MHz passive directional map/field pattern map



2450MHz passive directional map/field pattern map



Antenna type	Integral
Antenna manufacturer name	Shenzhen Yusheng Communication Equipment Co., Ltd
Antenna manufacturer address	407-411, 4th Floor, Building 2, South Taiyun Chuanggu Park, southeast of the intersection of Guangming Avenue and Dongchang Road, Guangming District, Shenzhen