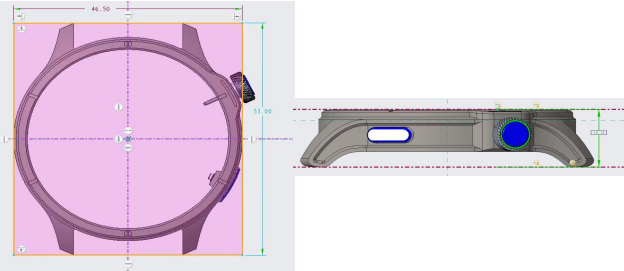
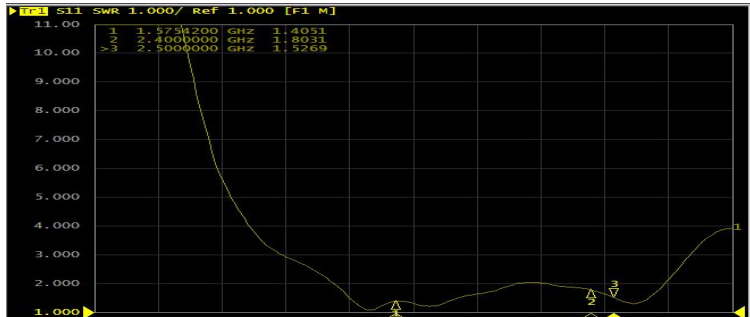
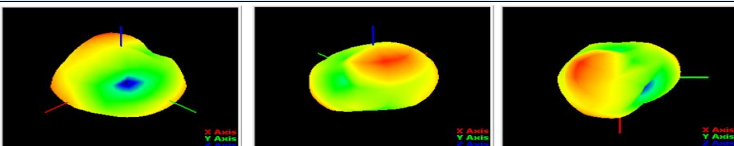
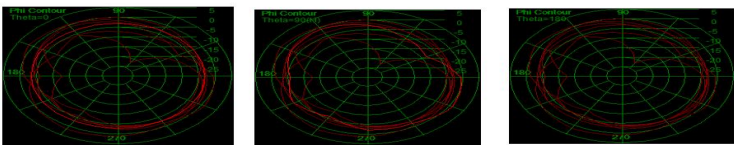
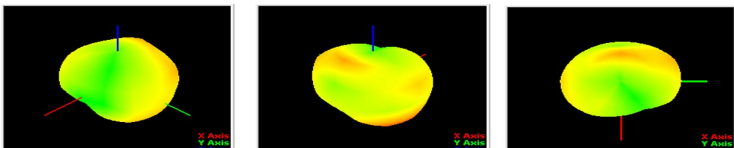
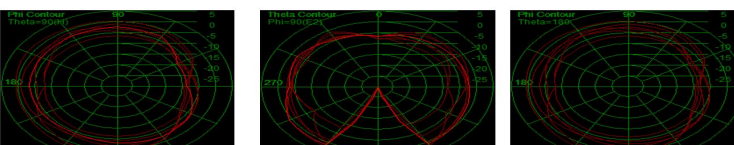


BW691A2F antenna specifications

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									
BT Arm	Frequency point	efficiency(%)	efficiency(dB)	Gain(dBi)	GPS Arm	Frequency point	efficiency(%)	efficiency(dB)	Gain(dBi)
	2400	4%	-13.8	-4.9		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							