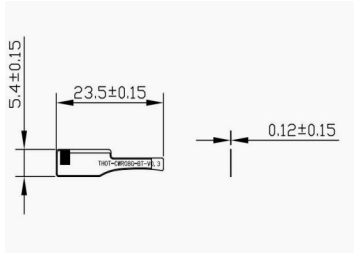


CWR08G antenna specifications

Antenna Description	The CWR08G project uses FPC type as BT antenna, the motherboard end is connected to the antenna body by shrapnel to connect the main feed point and ground feed point.
Antenna Size	
Antenna Type	FPC Antenna
Antenna material:	Electrolytic copper (half-to-half)
Antenna efficiency parameters	Preliminary debugging results: 1. The efficiency of the Arm GPS antenna is about 7%, 2. The efficiency of the Arm BT antenna is about 6%.

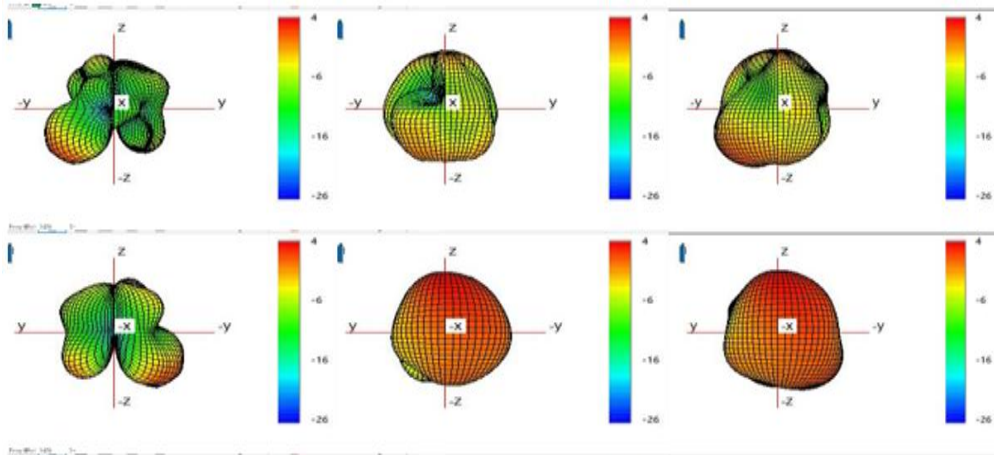
GPS/BT passive diagram



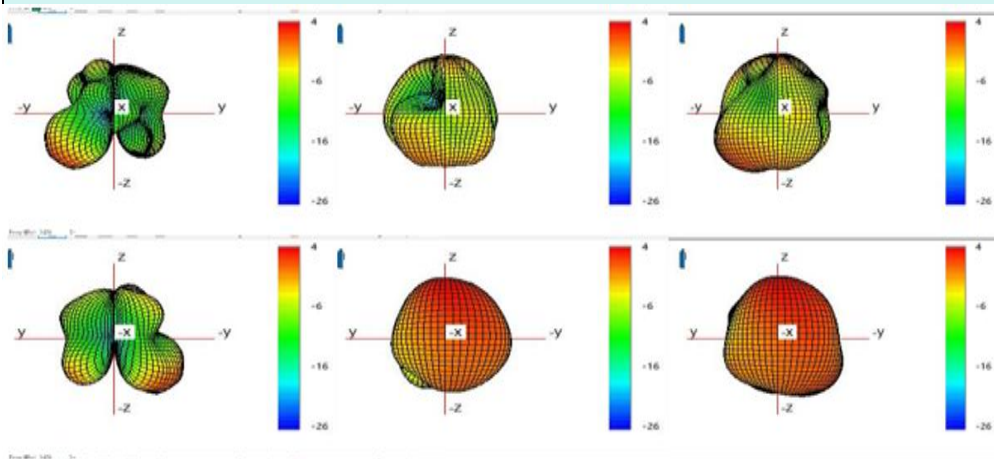
Testing of antenna efficiency parameters

BT Arm	Frequency point	efficiency(%)	efficiency(dB)	gain(dBi)	GPS Arm	Frequency point	efficiency(%)	efficiency(dB)	gain(dBi)
	2400	4%	-14.1	-11.4		1550	4%	-14.1	-9.9
	2410	4%	-13.7	-10.8		1555	5%	-13.2	-9.6
	2420	5%	-13.5	-10.3		1560	5%	-12.7	-9.1
	2430	5%	-13.2	-9.8		1565	6%	-12.8	-8.5
	2440	5%	-12.8	-9.4		1570	6%	-11.9	-8.2
	2450	6%	-12.6	-8.6		1575	7%	-11.6	-7.9
	2460	5%	-12.7	-9.2		1580	6%	-11.9	-8.3
	2470	5%	-13.2	-9.6		1585	6%	-12.6	-8.8
	2480	4%	-13.7	-10.2		1590	5%	-13.3	-9.5
	2490	3%	-14.9	-11.3					
	2500	3%	-15.1	-11.9					

1575MHzpassive directionalmap/field pattern map



2450MHzpassive directionalmap/field pattern map



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