

CFT01 Antenna Specifications

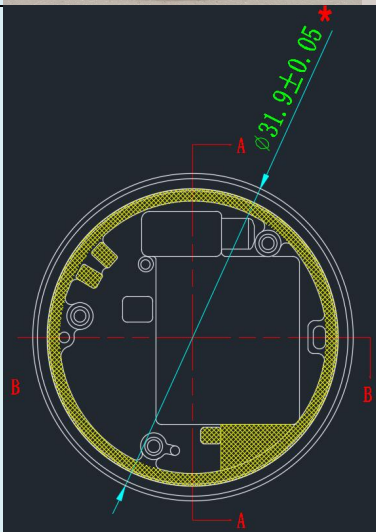
Antenna Description

The antenna of the CFT01 project uses a metal face shell 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.

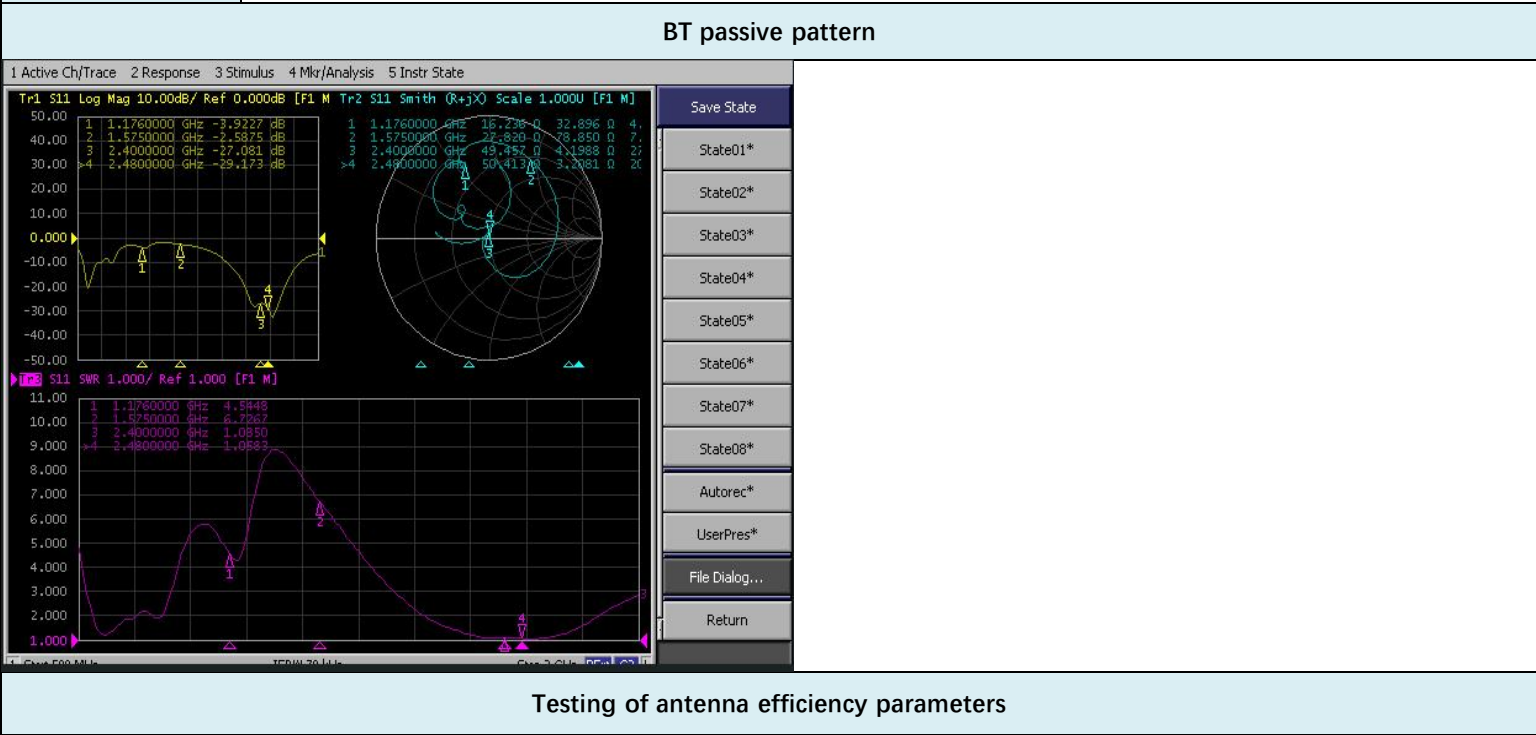
Antenna appearance

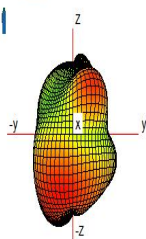
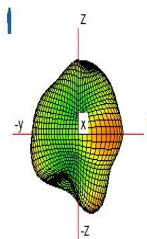
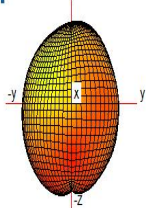


Antenna Size



Antenna type	Metal face shell
Antenna material:	Aluminum alloy
Antenna efficiency parameters	Preliminary debugging results: 1. The efficiency of the Arm BT antenna is about 3.99%.



BT Arm	equency poi	efficiency(%)	efficiency(dB	gain(dBi)					
	2400	2.97	-15.27	-11.59					
	2410	3.08	-15.12	-11.40					
	2420	3.18	-14.98	-11.16					
	2430	3.33	-14.77	-10.93					
	2440	3.44	-14.63	-10.80					
	2450	3.48	-14.59	-10.67					
	2460	3.45	-14.62	-10.72					
	2470	3.61	-14.42	-10.47					
	2480	3.77	-14.24	-10.22					
	2490	3.85	-14.14	-10.20					
	2500	3.99	-13.99	-9.90					
2450MHz passive directional diagram/field pattern diagram									
Frequency: 2450 Theta Azimuth:0 Elevation:0 Roll:0 Zoom Scale  Phi Azimuth:0 Elevation:0 Roll:0 Zoom Scale  Total Azimuth: 0 Elevation: 0 Roll: 0 Zoom Scale 									
Antenna manufacturername					Dongguan Sunmi Electronic Technology Co., Ltd.				
Antenna manufactureraddres					No. 4, Mulin Road, Jinxia Tongluowei Industrial Zone, Chang'an Town, Dongguan City, China				