

小澈CFT02 Antenna Report

Project name 项目名称	CFT02	RF Engineer 射频工程师	何诗吟
Project phase 项目阶段		TEL	

时间	报告版本	主要内容
2026-01-26	V0.1	天线调试报告

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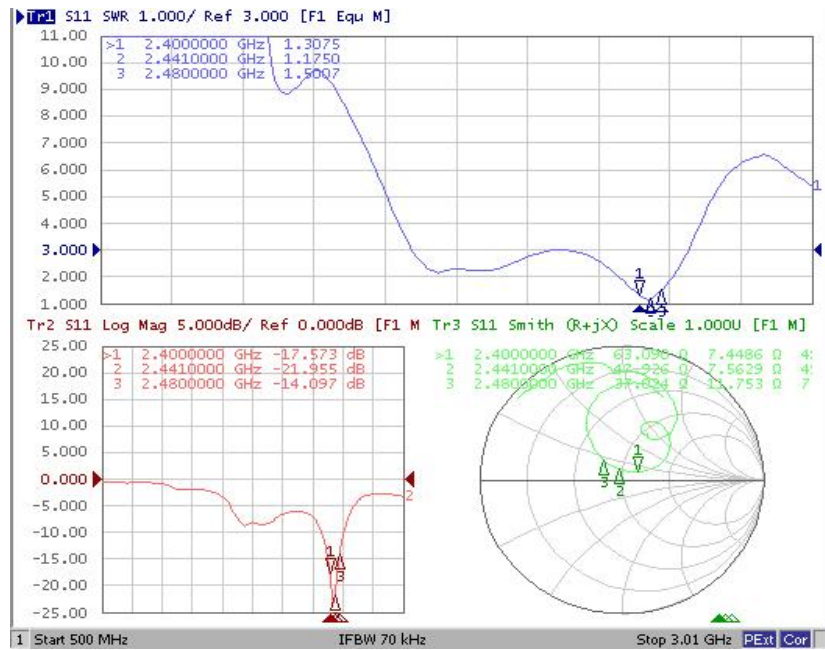
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Antenna efficiency parameters

Passive debugging results: 1、Arm BT antenna efficiency debugging is about 6%

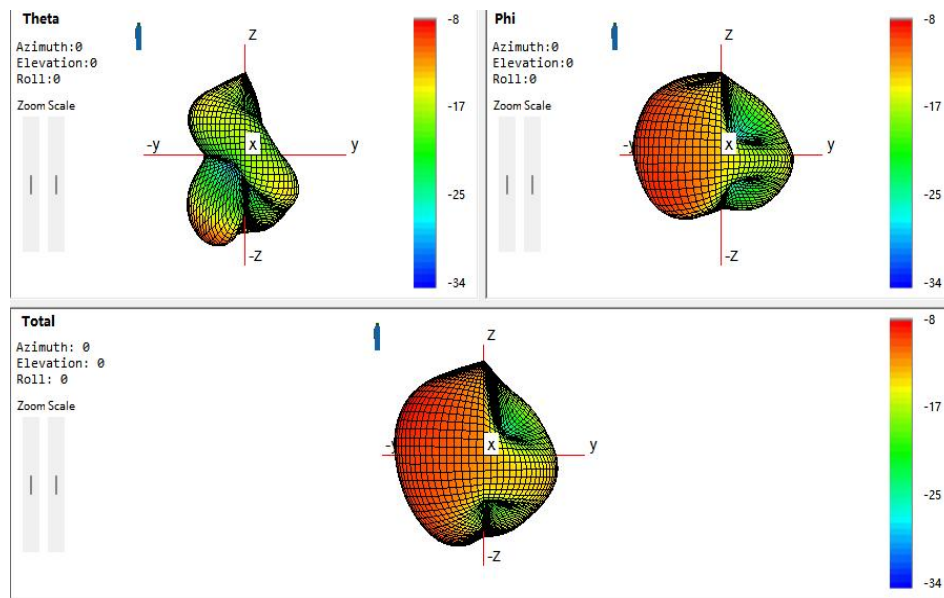
BT passive diagram



Testing of antenna efficiency parameters

	Frequency point	efficiency(%)	efficiency(dB)	gain(dBi)
BT Arm	2400	4.96%	-13.05	-8.75
	2410	5.06%	-12.96	-8.59
	2420	5.19%	-12.85	-8.44
	2430	5.34%	-12.72	-8.29
	2440	5.35%	-12.72	-8.22
	2450	6.24%	-12.05	-8.25
	2460	5.07%	-12.95	-8.35
	2470	5.08%	-12.94	-8.28
	2480	5%	-13.01	-8.25
	2490	4.85%	-13.14	-8.36
	2500	4.67%	-13.31	-8.33

2450MHz passive directional map/field pattern map



Antenna appearance



Antenna manufacturername	Shenzhen Yusheng CommunicationEquipmentCo., Ltd
Antenna manufactureraddress	407-411, 4th Floor, Building 2, South Taiyun ChuangguPark, southeastof the intersection of GuangmingAvenue and DongchangRoad, GuangmingDistrict, Shenzhen