



Cubitt Aura 2 Antenna Report

Project name 项目名称	Cubitt Aura 2	RF Engineer 射频工程师	贺磊
Project phase 项目阶段		TEL	15767667652

时间	报告版本	主要内容
2025-01-04	V0.1	天线初步调试报告
2025-03-01	V0.2	试产机测试报告

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Antenna manufacturername	Shenzhen Yusheng CommunicationEquipmentCo., Ltd
Antenna manufactureraddress	407-411, 4th Floor, Building 2, South Taiyun ChuangguPark, southeast of the intersection of
ANT TYPE	Monopole Antenna
ANT NAME	Cubitt Aura 2

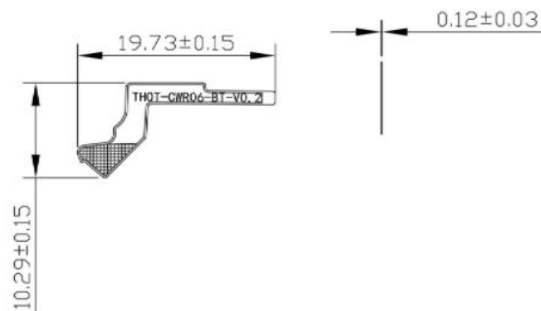
BT Passive graph



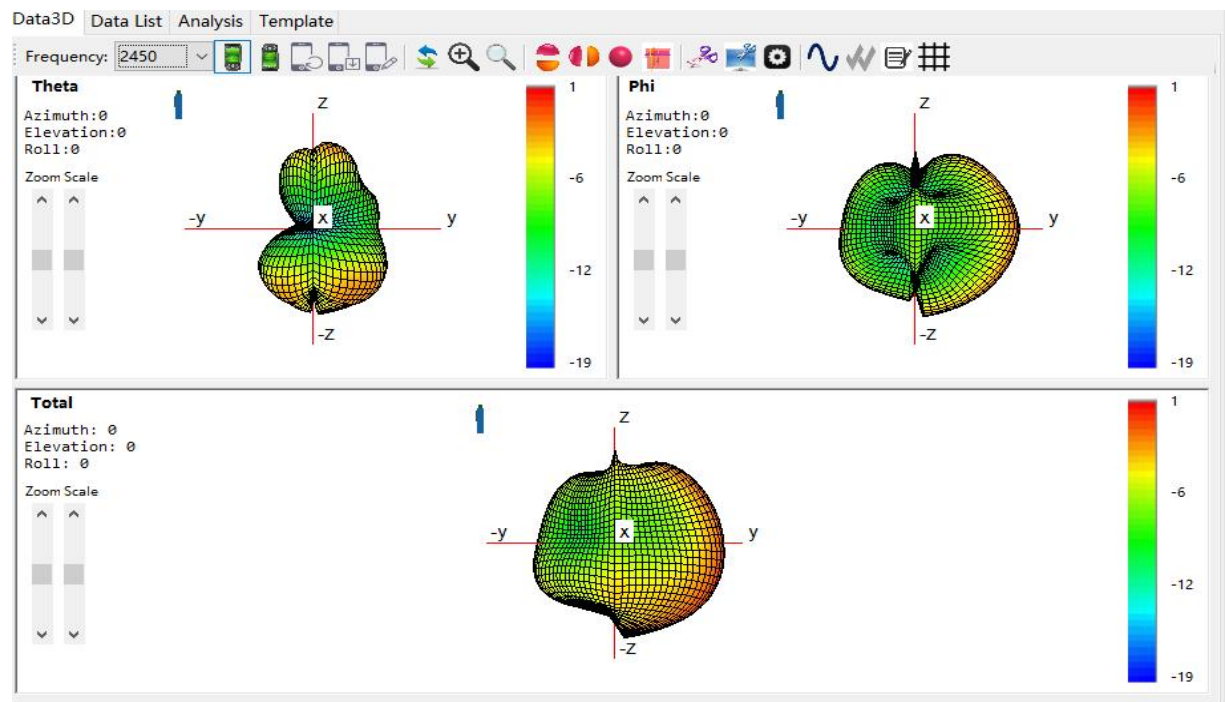
Test situation of antenna efficiency parameters

	frequency	efficiency %	efficiency/db	Gain/dBi
BT Arm	2400	5.7%	-12.4	-6.6
	2410	5.9%	-12.3	-6.1
	2420	6.1%	-12.1	-5.9
	2430	6.3%	-12.0	-5.7
	2440	6.5%	-11.9	-5.6
	2450	7.1%	-11.5	-4.8
	2460	7.4%	-11.3	-5.2
	2470	6.8%	-11.7	-5.3
	2480	6.1%	-12.1	-5.5
	2490	5.9%	-12.3	-5.9
	2500	5.5%	-12.6	-6.4

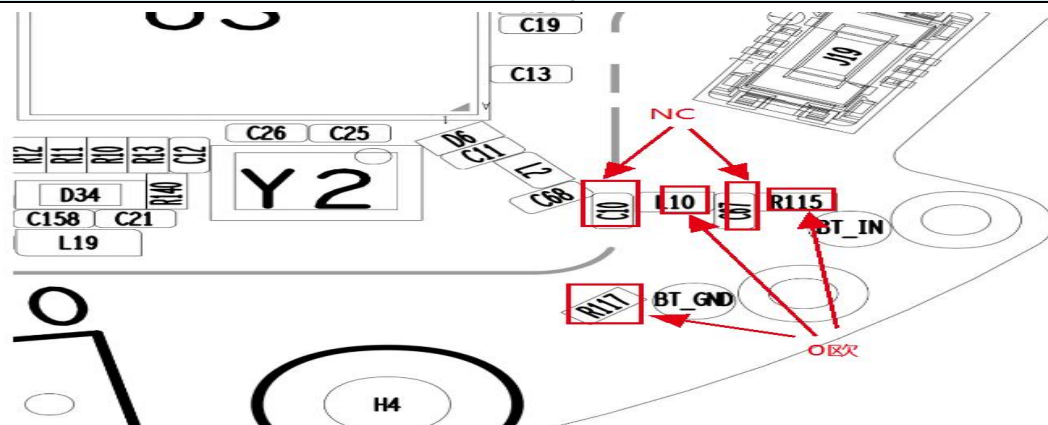
Antenna
SIZE
/mm



2450MHZ Passive direction diagram/field pattern diagram



BT matching



Antenna test environment

