



样品规格书

Specification

天线制造商: Antenna manufacturer	深圳市思讯通信技术有限公司 Ciceni
项目名称: Project name	LBX-1555
物料类别: Material catalog	BT 天线 BT Antenna
天线类型: Antenna category	FPC 焊接同轴线 FPC welding coaxial line
天线型号: Antenna type	Bluetooth FPC Antenna(1.25.0.1555300000)
规格书版本: Specification version	V1
天线丝印版本: Silkscreen version	V5
日期: Date	2024.05.18



目录

Content

一：无源测试报告 Passive test report	3
二：BT 天线 3D 暗室数据 BT antenna 3D darkroom date	7
三：匹配电路 Matching circuit	8
四：结构图档 Structure drawing	9

变更记录栏 Revision record			
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2024.05.18	初版发行 First releasing	初版发行 First releasing	V1.0

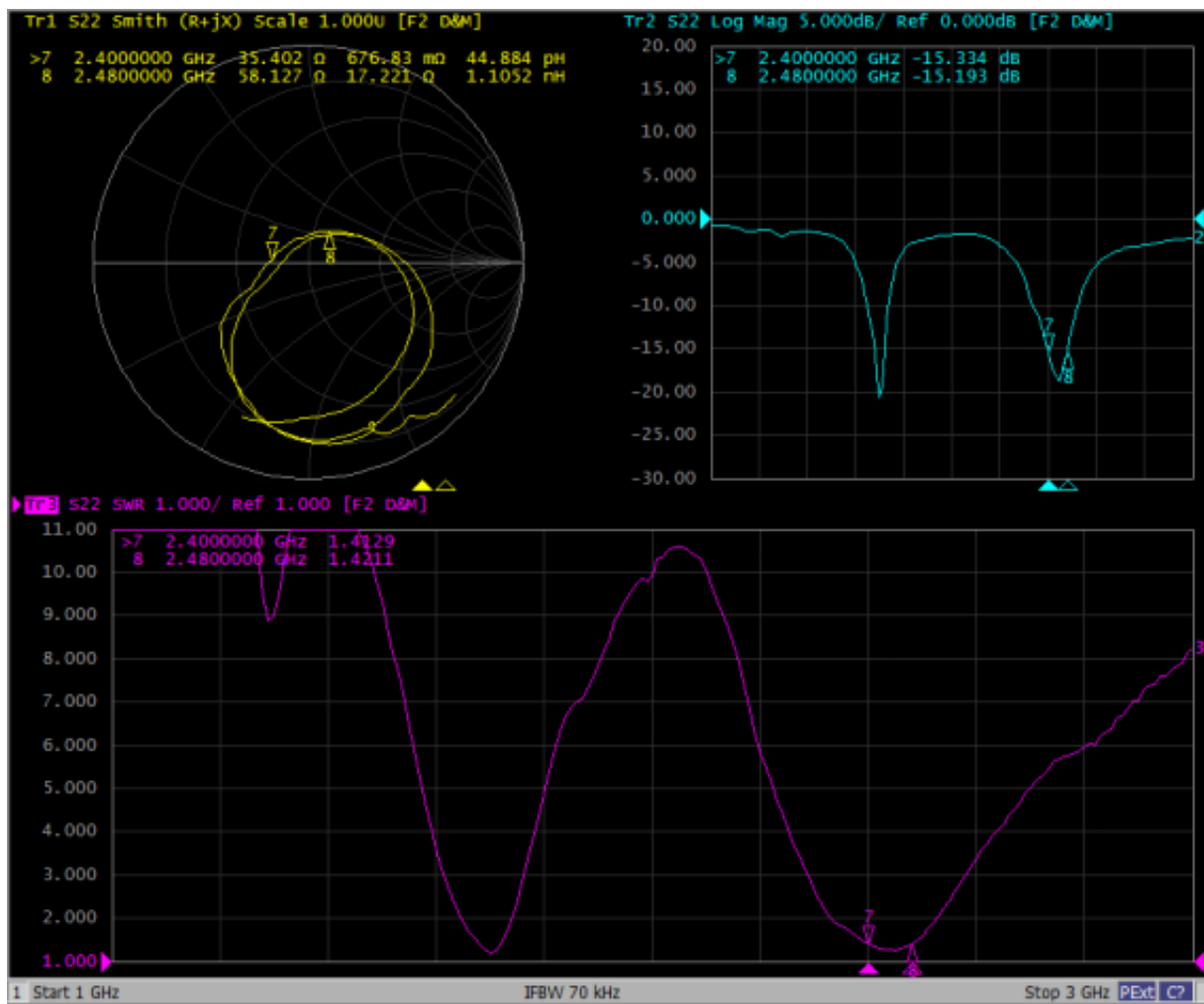


一：无源测试报告 Passive test report



Agilent E5071C

BT 天线 S11 参数 BT Antenna S11 parameter

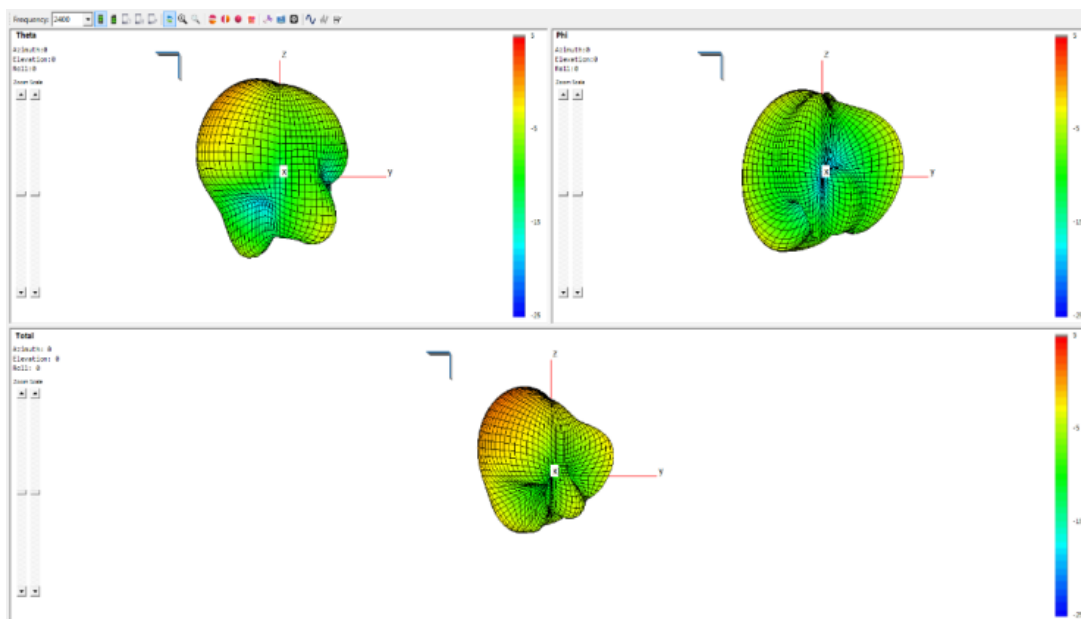


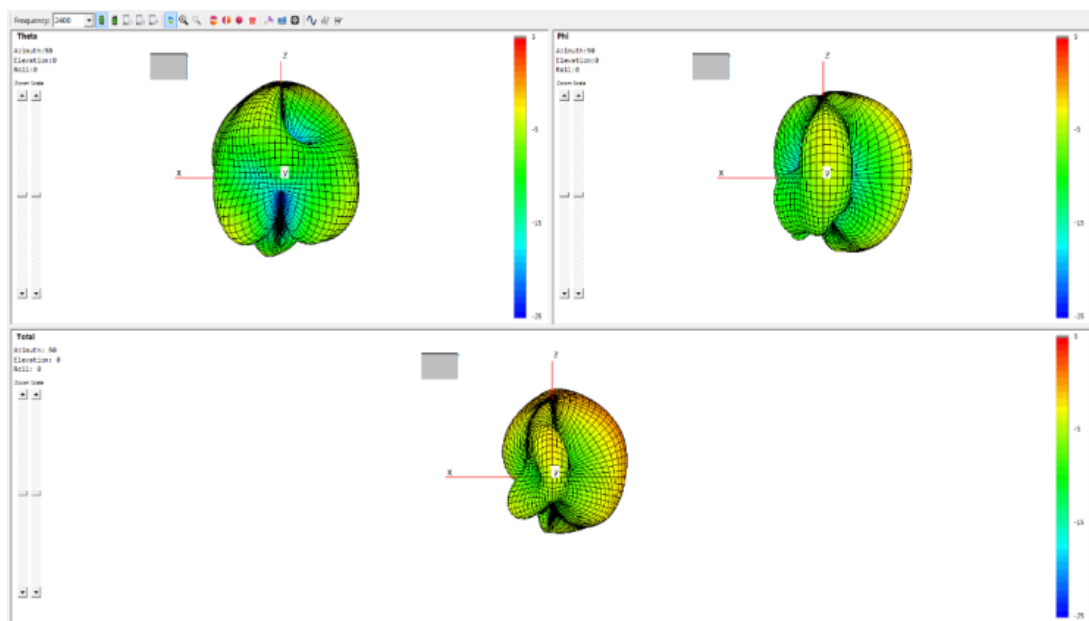
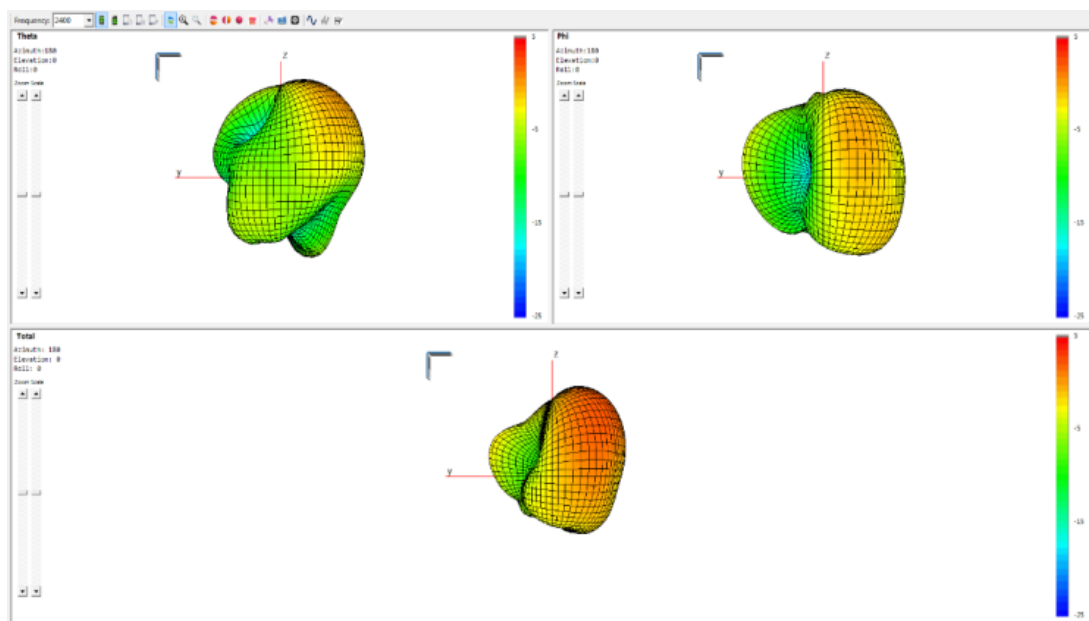
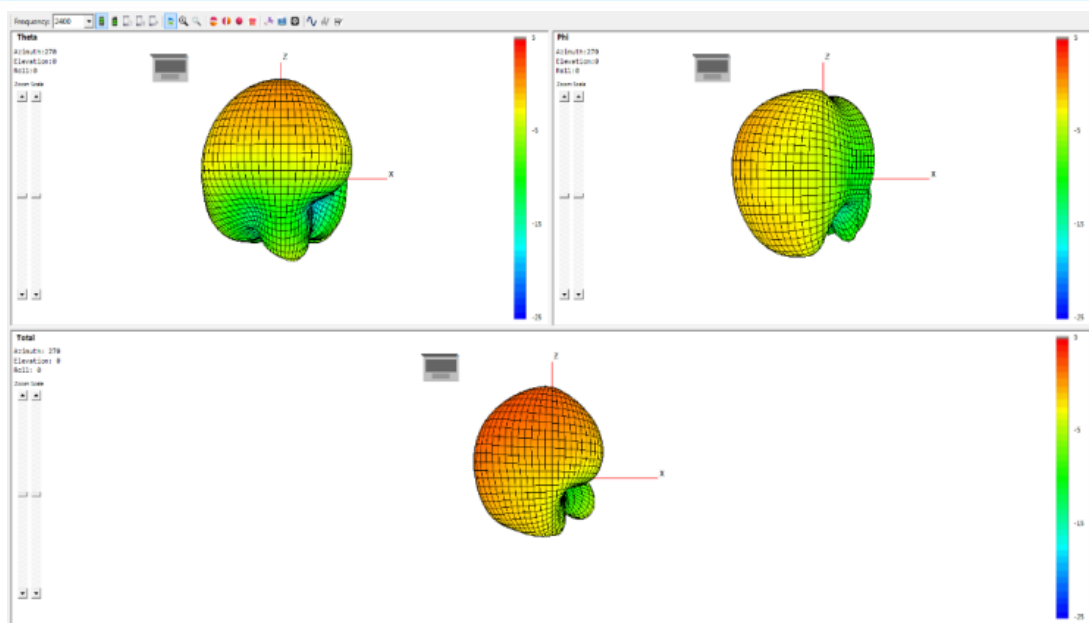


BT 天线效率和增益：BT antenna efficiency and gain

频点 MHz Frequency point MHz	效率% Efficiency %	效率(dB) Efficiency(dB)	增益(dBi) Gain(dBi)
2400	51%	-2.9	2.5
2410	50%	-3.0	2.1
2420	48%	-3.2	1.9
2430	49%	-3.1	2.1
2440	48%	-3.2	1.8
2450	52%	-2.9	2.4
2460	55%	-2.6	2.7
2470	51%	-2.9	2.3
2480	50%	-3.0	2.2
平均值 Average value	50%	-3.0	2.2

天线无源 3D 方向图：Passive 3D directional pattern of antenna

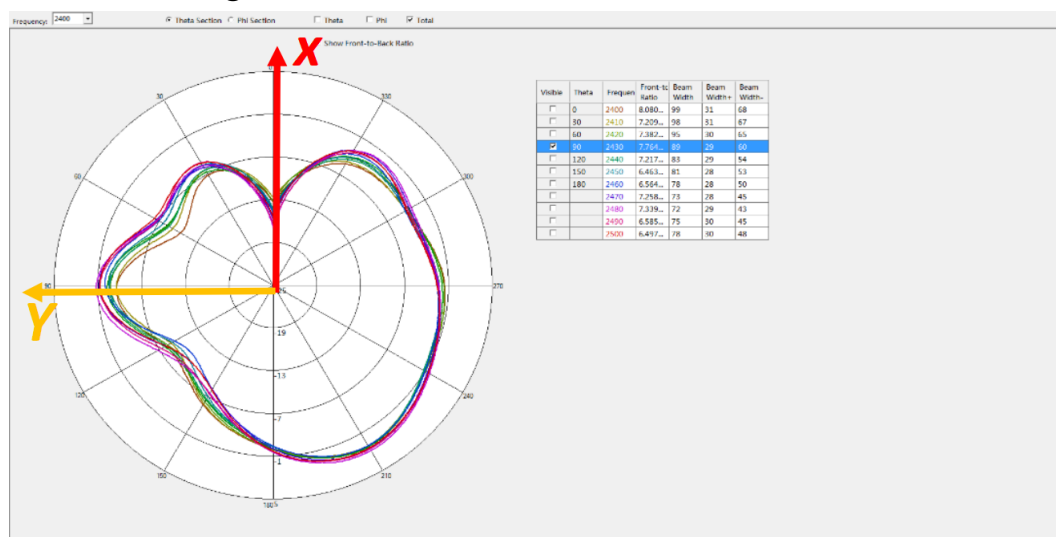




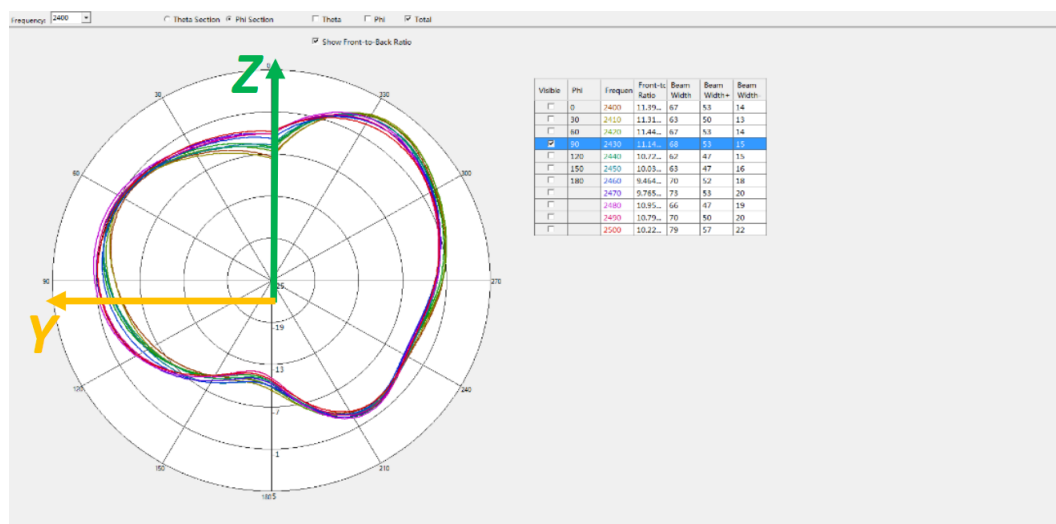


天线无源 2D 方向图: Passive 2D directional pattern of antenna

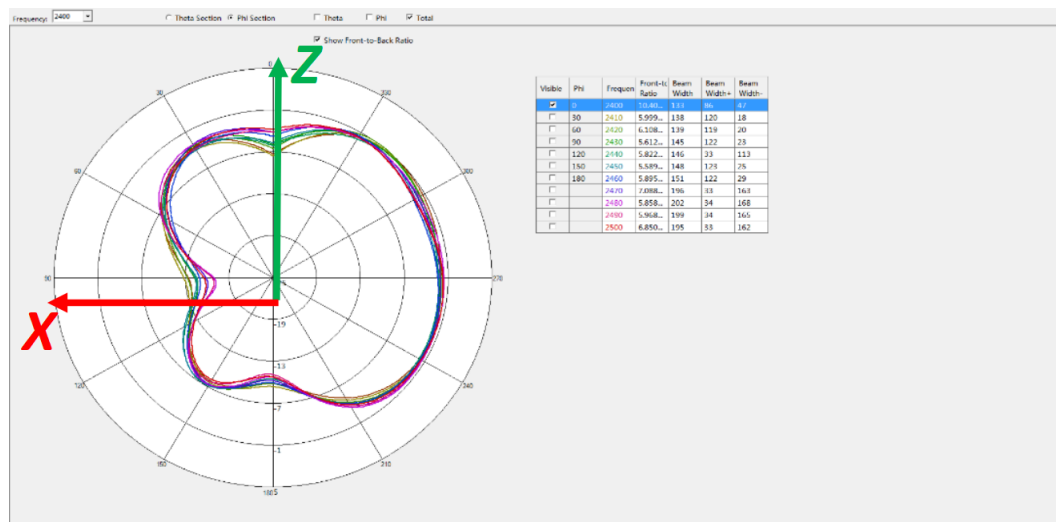
Theta=90.00deg



Phi=90.00deg



Phi=0.00deg





二：BT 天线 3D 暗室数据 BT antenna 3D darkroom data

	Channel	TRP	TIS
BT	CH 0	8.5	-95.0
	CH 39	8.6	-95.0
	CH 78	8.5	-95.0
	AVG	8.5	-95.0

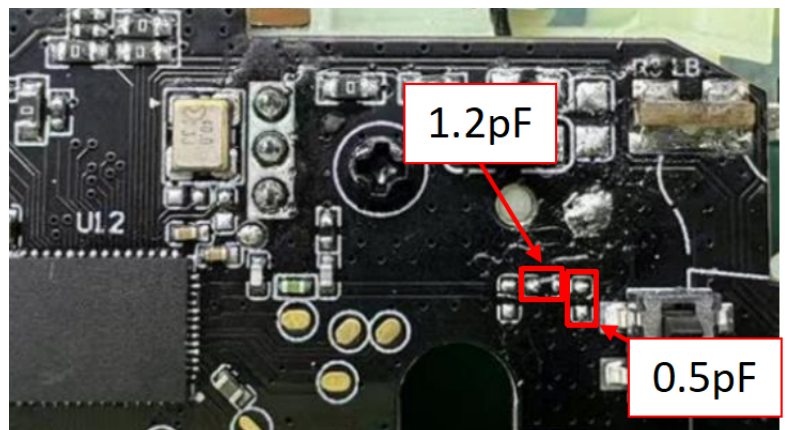
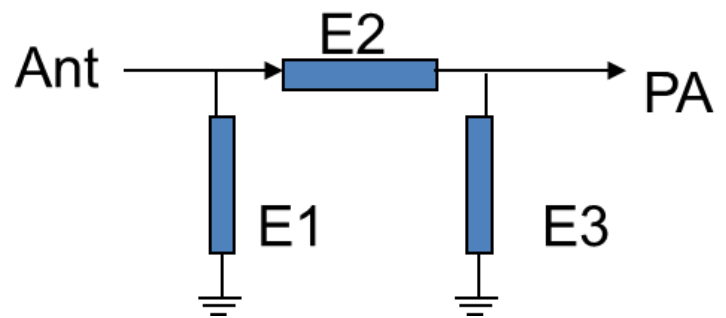


OTA Standard Chamber



三：匹配电路 Matching circuit

Element	Value
E1	0.5pF
E2	1.2pF
E3	N/C





四：结构图档 Structure drawing

