



样品规格书

Antenna Part Specification

客户名称: Customer name:	英唐 Shenzhen Yingtang Digital Technology Co., Ltd
天线类型: Material category:	PIFA 天线 PIFA antenna
天线型号 Antenna model	BD06
天线频率 Antenna frequency	2400-2480
天线尺寸 Antenna size	32.06x33.86x0.2mm
版本: Version:	V1.0
制造商 Manufacturer	深圳市思讯通信技术有限公司 Shenzhen Cicent Communication Technology Co., Ltd.
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日期: Date:	2023.11.17



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变更记录栏 Change record			
编制/变更日期 Compile / change date	变更理由 Reason for change	变更内容 Changed content	版本 Version



一：无源测试报告

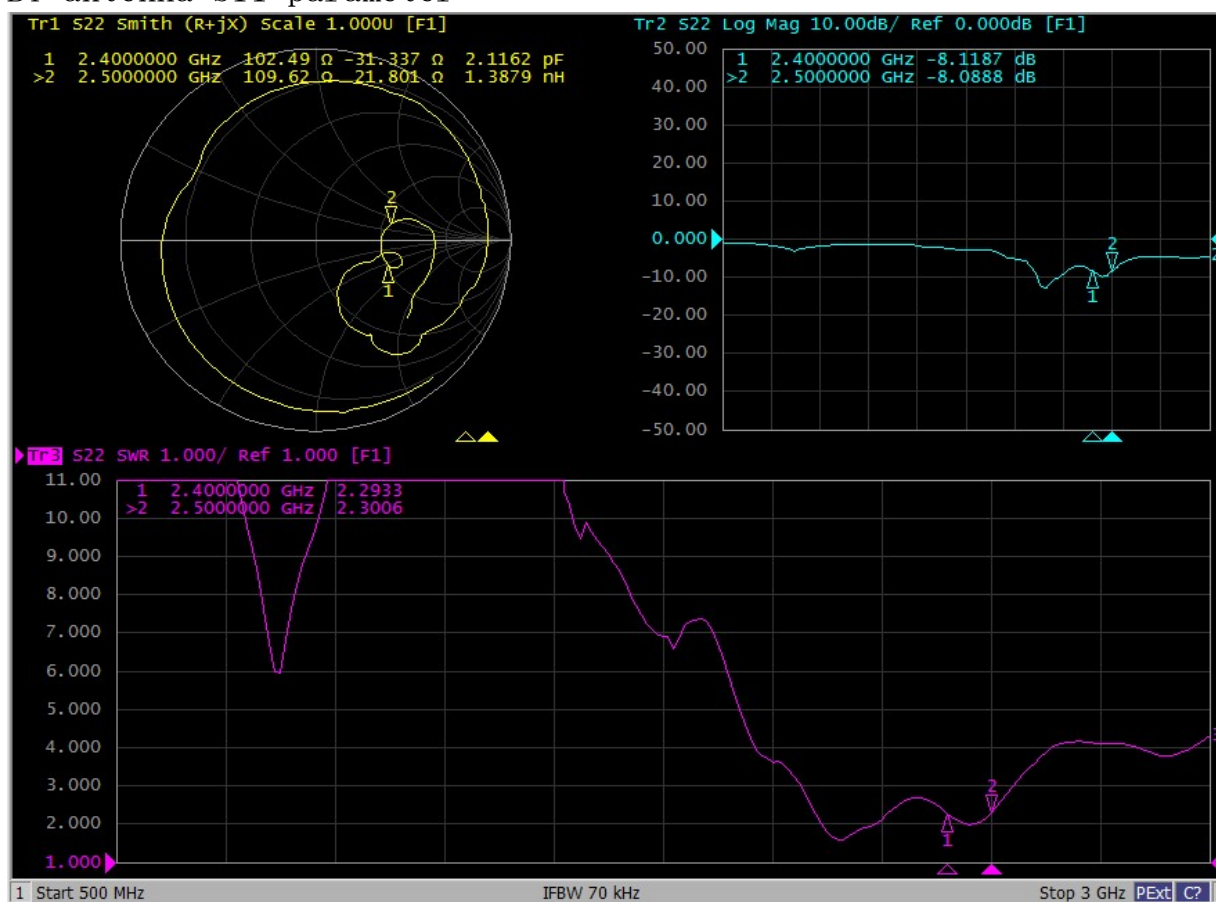
I: The report of passive data



Agilent E5071C

BT 天线 S11 参数

BT antenna S11 parameter





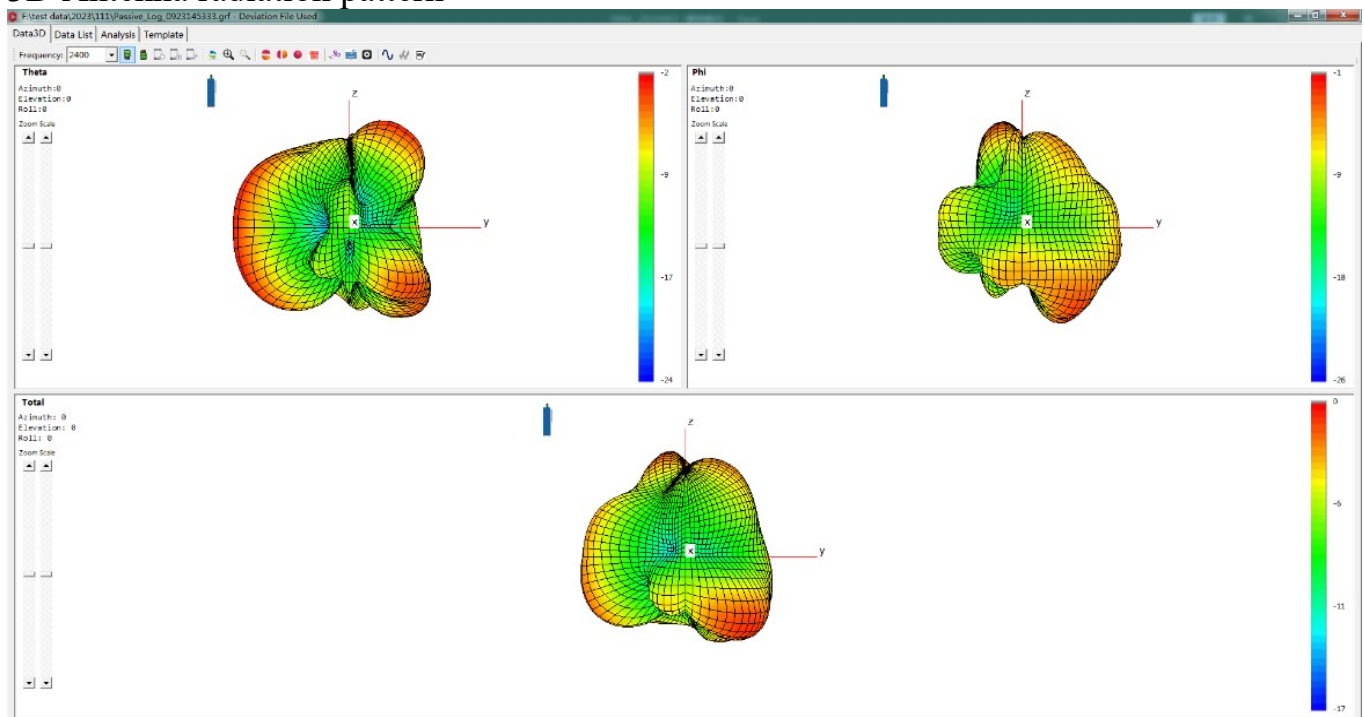
BT 天线无源效率与增益

Passive efficiency and gain of BT antenna

BT			
Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency
2400	-0.5	-3.6	43.3
2410	-0.1	-3.5	44.9
2420	0.3	-3.0	50.0
2430	0.6	-2.6	54.5
2440	0.8	-2.7	53.5
2450	1.2	-2.7	53.5
2460	1.4	-2.9	51.3
2470	1.9	-3.1	49.3
2480	2.4	-3.3	46.6
Average value	0.9	-3.1	49.7

天线无源 3D 方向图

3D Antenna radiation pattern

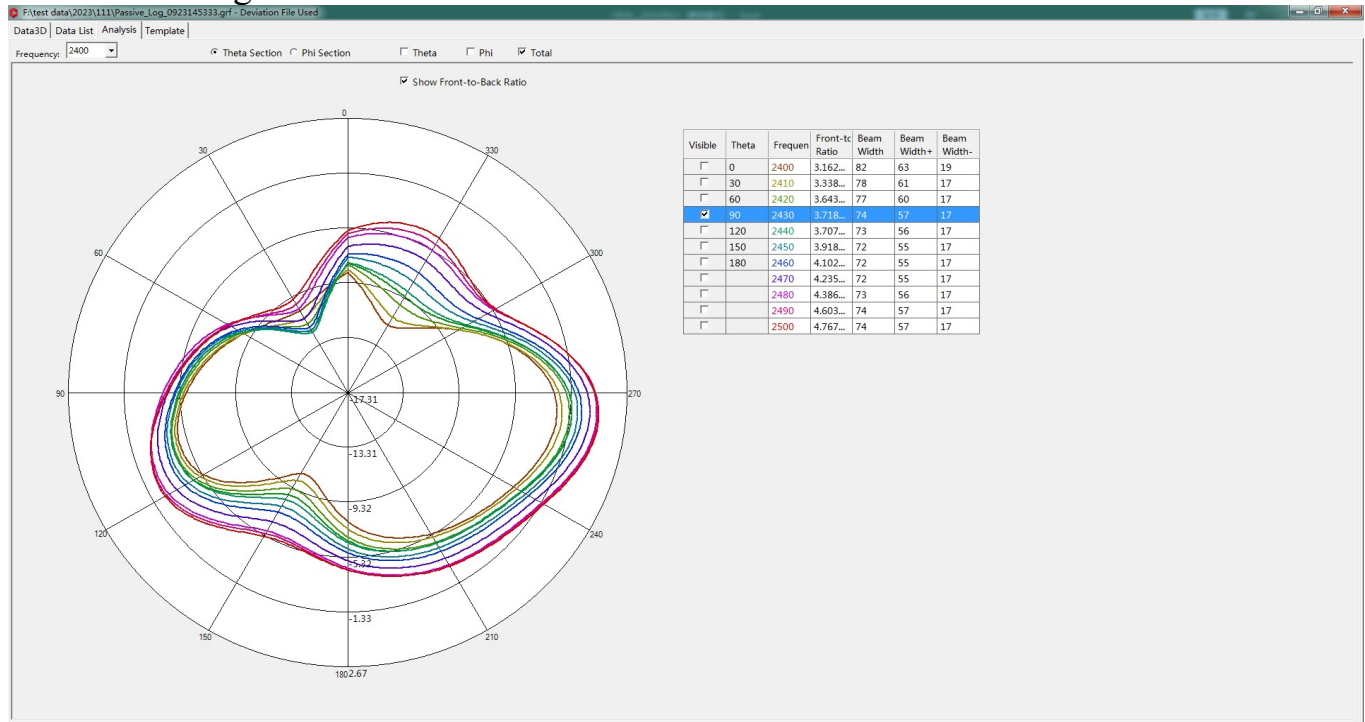




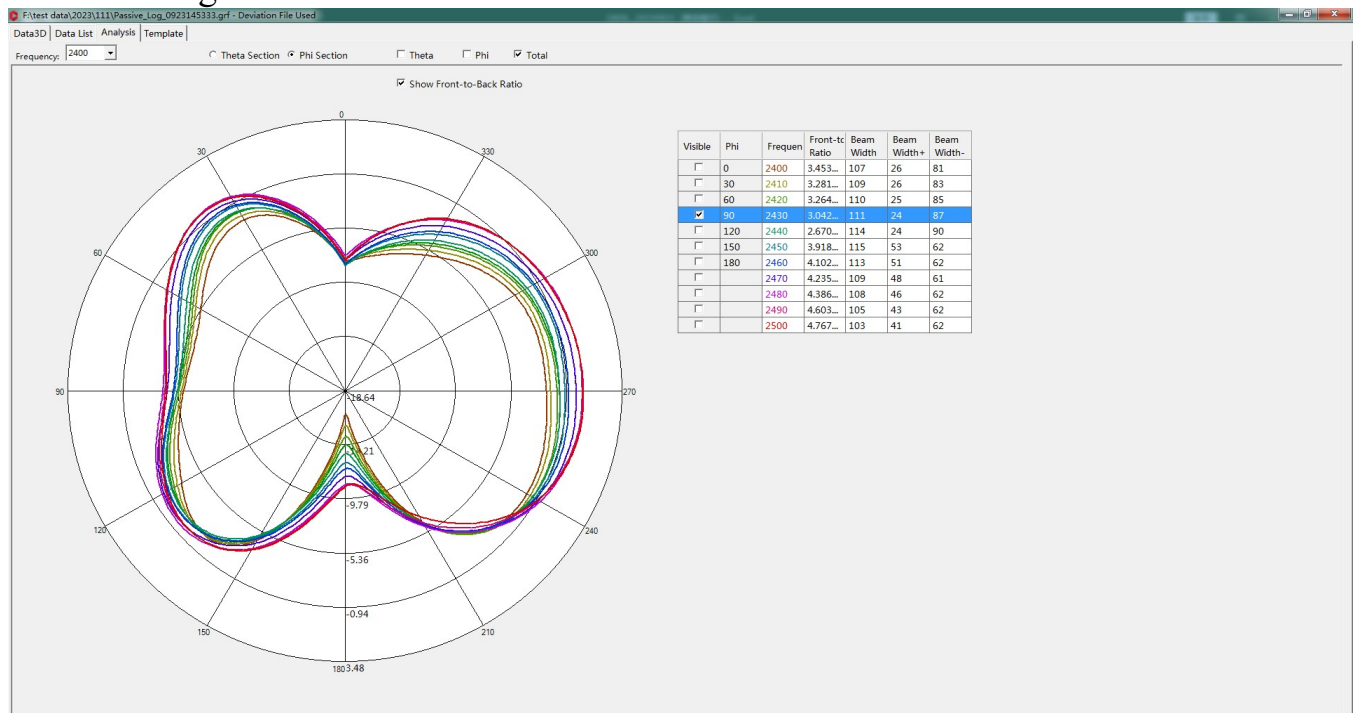
天线无源方向图

Antenna radiation pattern

Theta=90.00deg

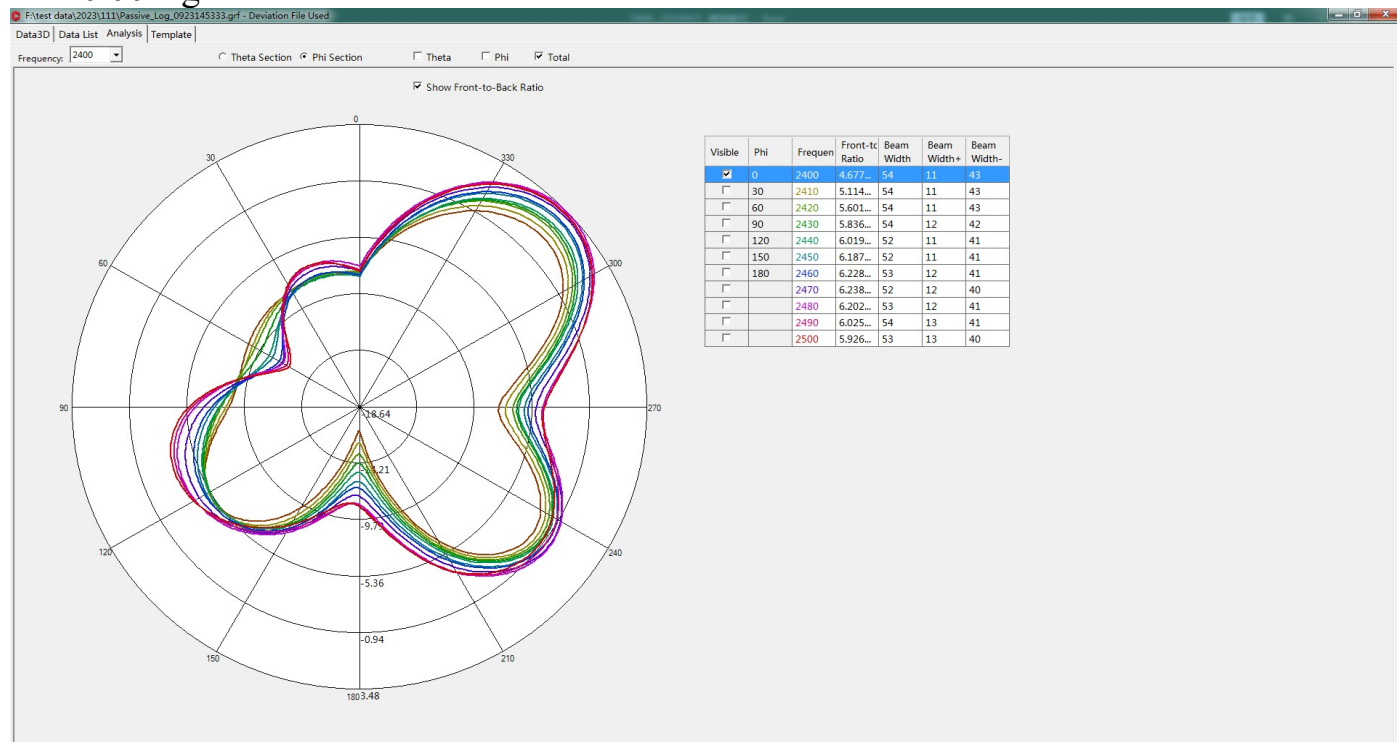


Phi=90.00deg





Phi=0.00deg



二：暗室有源测试数据

II: 3D Active test report of antenna

	Channel	TRP (dBm)	TIS (dBm)
BT	CH 0	3.7	-80.4
	CH 39	4.0	-86.0
	CH 78	3.3	-84.4



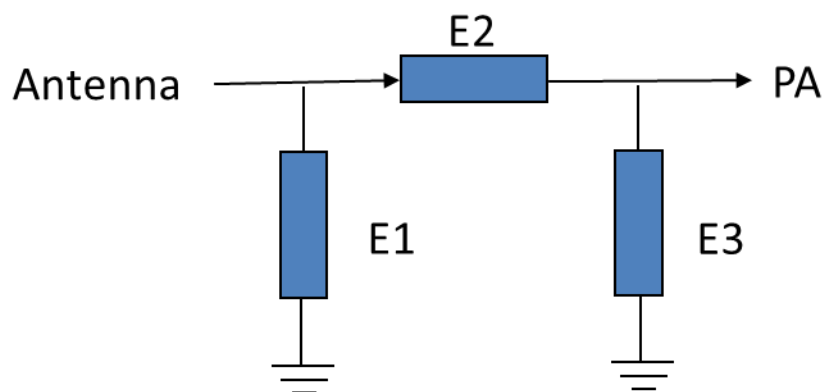
OTA Standard Chamber



三：匹配电路

III: Matching circuit

Element	value
E1	N/C
E2	2pF
E3	N/C





四：结构图档
IV: Structure file

