

Test Report

Information:

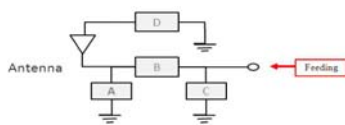
Manufacturer	Dongguan Yinqu Technology Co.,Ltd		
Model Name	A136		
Tester	测试员	测试时间:	2023.06.07
CHAMBER	OTA		
Designer	吕志勇		
Serial Number/ESN/IMEI	N/A		
Band:	主天线: BT (2.4G)		
Antenna Version:	V1.1		

主板传导测试(Mainboard conduction test)

主板(Mainboard)			
BAND	CH	TRP (dBm)	TIS (dBm)
BT	0	9.06	-91.44
	37	9.63	-91.73
	78	9.23	-91.28

Matching Circuit:

BT天线



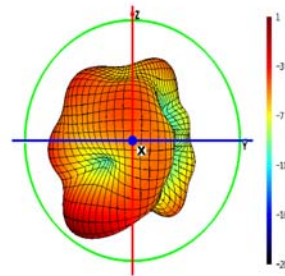
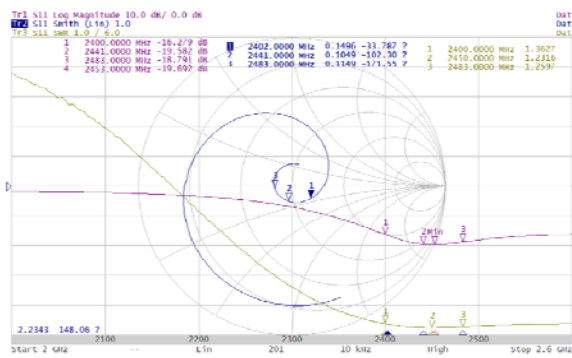
Element	Value
A	NC
B	0欧
C	2.5PF
D	0NH

左右共用参数

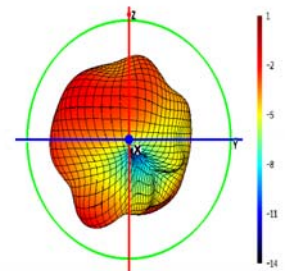
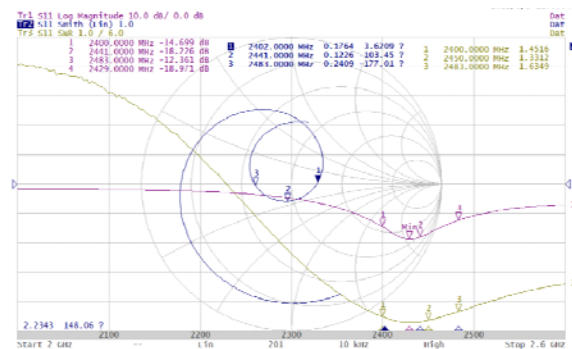
Matching	Value
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无源测试结果(Passive test results):

左边(Left side)



右边(Right side)



效率测试结果 (Efficiency test results):

自由空间模式(Free space model)

L边-Gain&Efficiency 增益和效率			
频率 (MHz)	gain 增益(dB)	efficiency 效率(dB)	efficiency 效率
2400	0.08	-5.86	30.18
2410	0.24	-5.35	30.13
2420	0.6	-5.4	31.77
2430	0.77	-5.19	32.82

R边-Gain&Efficiency 增益和效率			
频率 (MHz)	gain 增益(dB)	efficiency 效率(dB)	efficiency 效率
2400	0.01	-6.09	29.98
2410	0.05	-6.05	29.13
2420	0.56	-5.96	30.77
2430	0.68	-5.35	31.82

2440	0.94	-5.27	35.06
2450	0.91	-5.3	34.22
2460	0.75	-5.16	31.04
2470	0.48	-5.69	31.99
2480	0.74	-5.38	31.72
2490	0.43	-5.81	31.22
2500	0.62	-5.46	29.43

2440	0.75	-5.51	32.06
2450	0.79	-5.81	33.22
2460	0.65	-5.84	32.04
2470	0.48	-5.58	32.99
2480	0.86	-5.32	33.72
2490	0.65	-5.81	32.22
2500	0.71	-5.89	30.41

天线有源OTA测试结果 (Antenna active OTA test results) :

#左耳(Left side)			
主天线 FS 自由空间			
BAND	CH	TRP (dBm)	TIS (dBm)
BT	0	4.86	-87.42
	37	5.15	-88.83
	78	5.26	-88.97

左耳(Left side)			
主天线 FS 头模			
BAND	CH	TRP (dBm)	TIS (dBm)
BT	0	-3.66	-80.09
	37	-3.15	-81.26
	78	-2.03	-81.75

#右耳(Right side)			
主天线 FS 自由空间			
BAND	CH	TRP (dBm)	TIS (dBm)
BT	0	4.92	-88.01
	37	5.15	-88.91
	78	5.18	-88.95

#右耳(Right side)			
主天线 FS 头模			
BAND	CH	TRP (dBm)	TIS (dBm)
BT	0	-3.45	-79.84
	37	-3.29	-80.13
	78	-2.91	-80.25

Dimension and Terminal Configuration

