

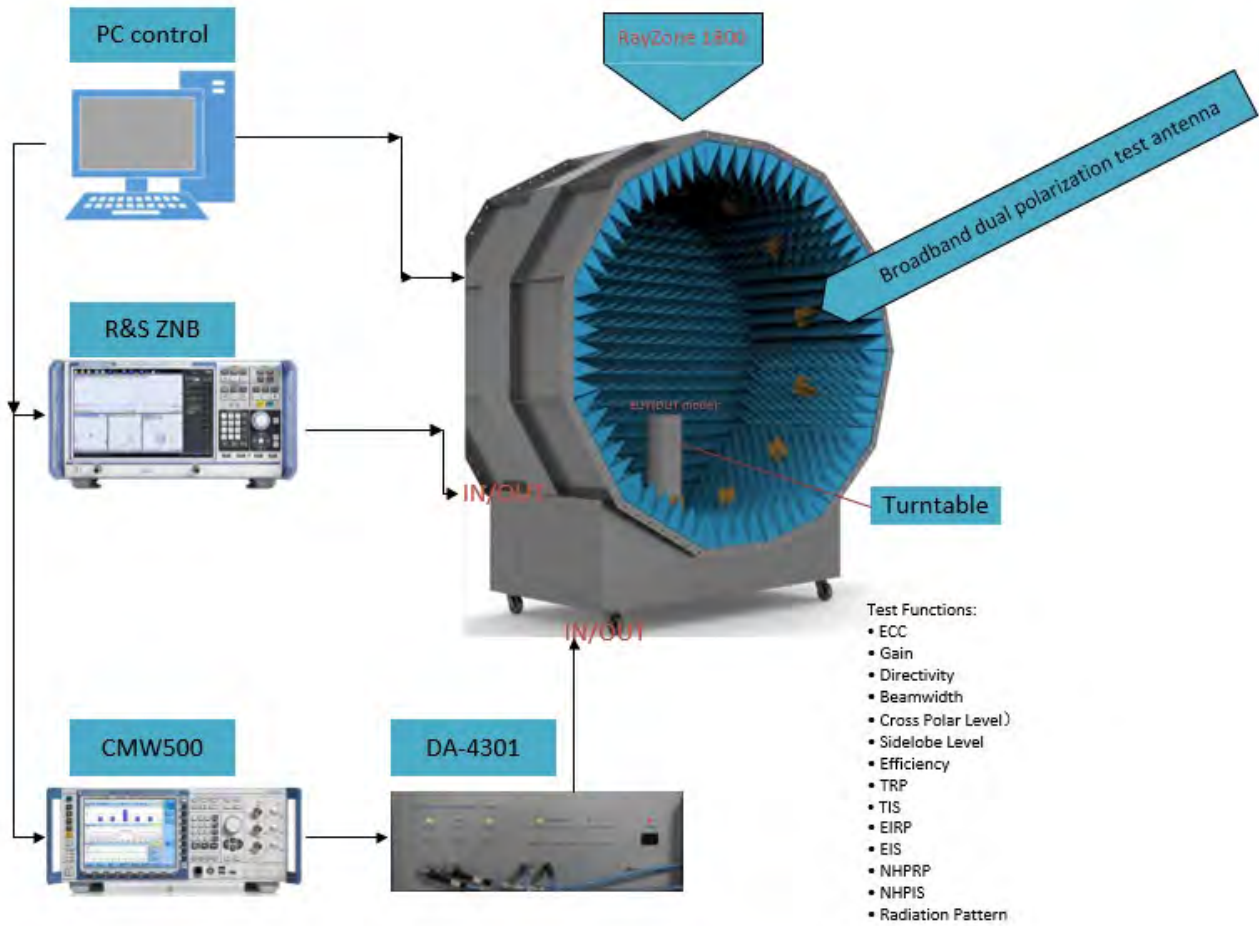
ICT P/N: _____

APPROVED	
MANUFACTURER	CUSTOMER
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CHECK BY: Huangshaofei	
APPROVED BY: Zhusenyin	

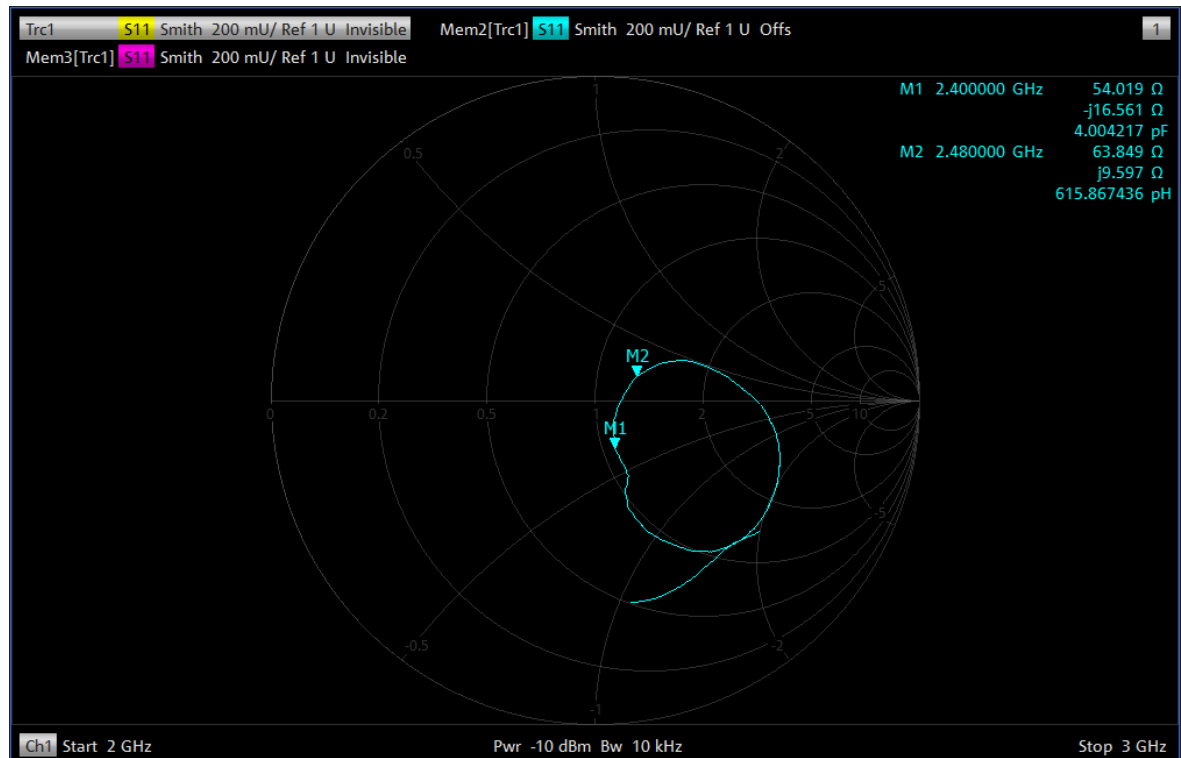
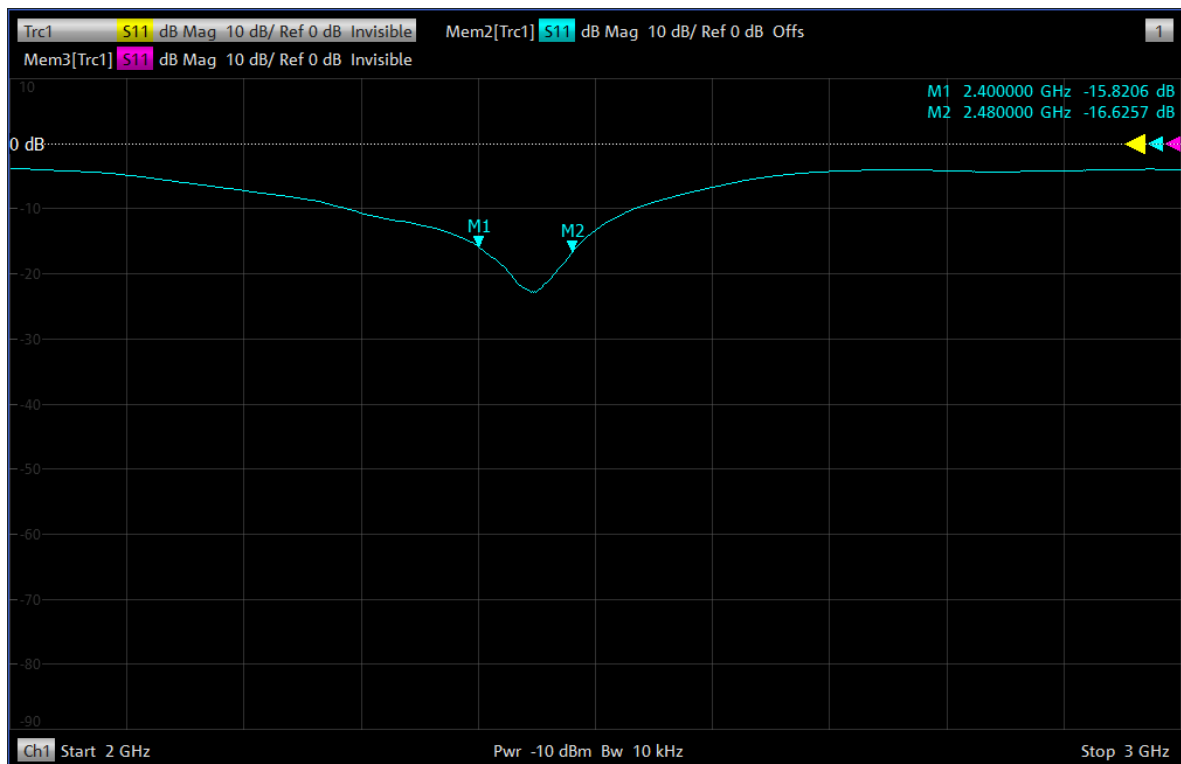
Description

Specifications

Antennas Type	IFA Antenna for Bluetooth application	
Impedance	50Ω	
Polarization	Linear	
Radiation pattern	Omni-directional	
S11	2.40~2.50 GHz	-22Min
Peak EIRP	2.40~2.50 GHz	2.09dB
Peak Gain	2.40~2.50 GHz	2.59dBi
Min EIRP	2.40~2.50 GHz	-28.07dBi
Average Gain	2.40~2.50 GHz	1.73dBi



Circuit Parameter

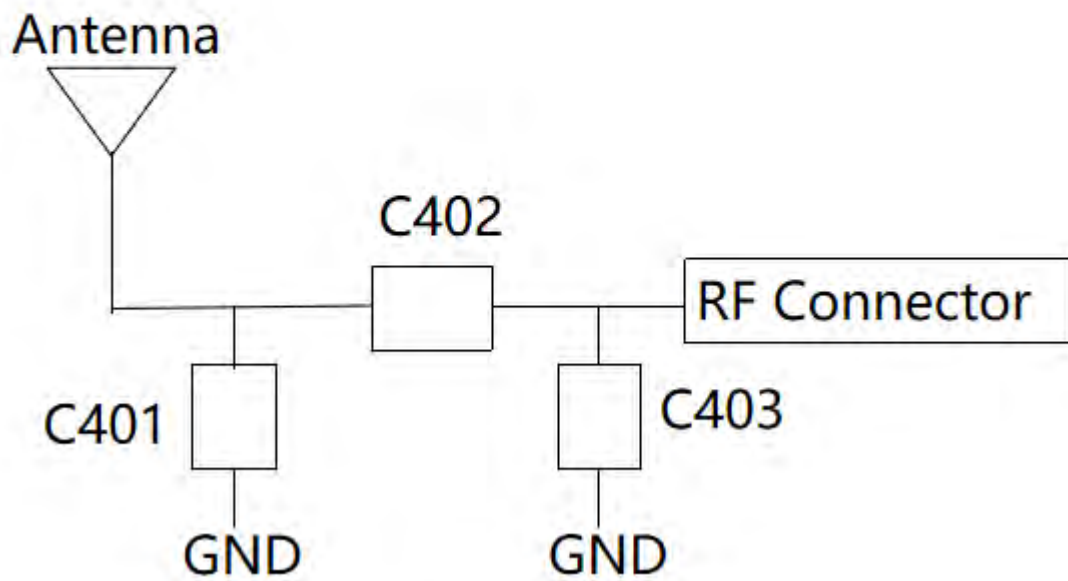


Passive Test Result

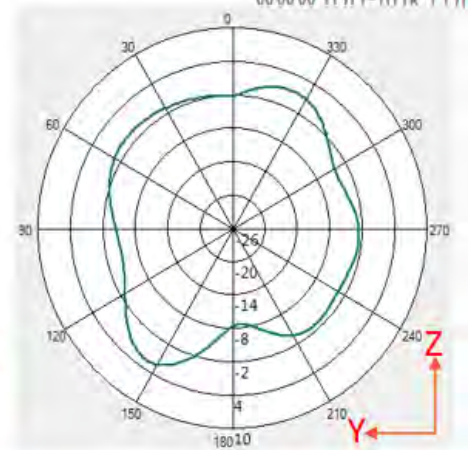
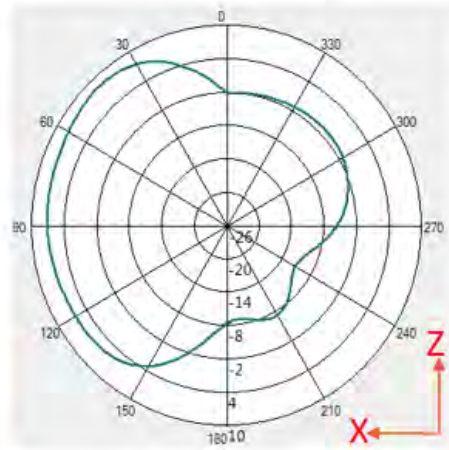
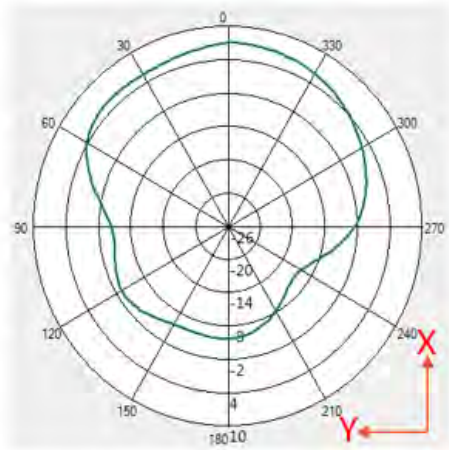
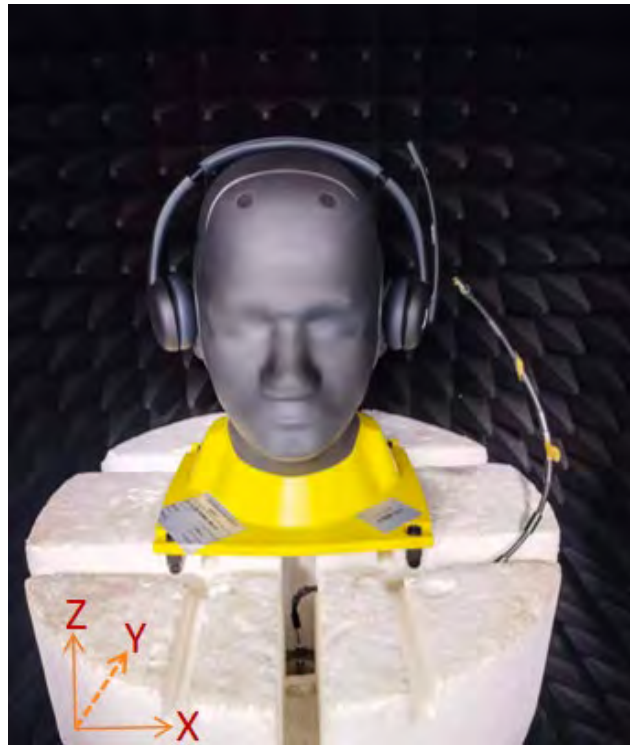
Frequency(MHz)	Efficiency(%)	PeakEIRP	MinEIRP
2400	42.62	1.55	-26.93
2410	42.57	1.30	-28.07
2420	43.21	1.24	-27.46
2430	44.42	1.60	-26.29
2440	43.70	1.63	-25.08
2450	43.77	1.64	-24.57
2460	44.60	1.82	-23.98
2470	43.81	1.99	-23.59
2480	43.15	2.05	-22.91
2490	42.88	2.09	-22.03
2500	41.05	2.11	-21.64

Matching Circuit:

C401=Null C402=0Ω C403=Null



Antenna Pattern

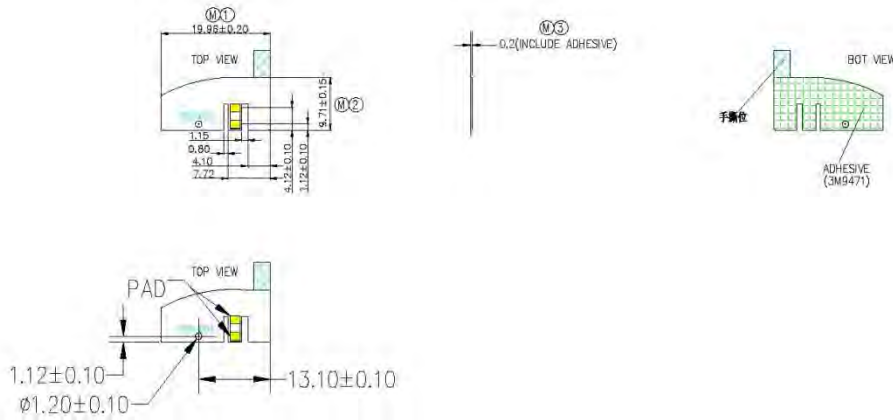


Engineering drawing

RoHS

Measurement Equipment		TOLERANCE UNLESS OTHERWISE SPEC				
CMM	Measuring Microscope 三次元量测					
DC	Digital Caliper 游标卡尺	~ 8	± 0.05	± 0.1	± 0.2	± 0.4
PG	Pin Gauge 塞尺	>8 ~ 25	± 0.08	± 0.15	± 0.3	± 0.6
PJ	Profile Projector 投影量测仪	>25 ~ 80	± 0.12	± 0.25	± 0.4	± 0.8
R	Ruler 直尺	>80 ~ 250	± 0.25	± 0.4	± 0.6	± 1.2
HG	Height Gauge 高度规	>250 ~	± 0.5	± 0.8	± 1.0	± 2.0

编号	尺寸(mm)	量测方式
品管检测重点尺寸		
1	19.96 ± 0.2	DC
2	9.71 ± 0.15	DC
3	0.20 ± 0.05	DC



Notes:

Material
M1. 材料:
FPC

1. 尺寸标注符合标准 Y14.5M-2002, 所述含义请参考此标准
2. 顶针痕不可高於产品
3. 所有未注明拔模角为0.25度
4. 所有内部尖角处, 可以倒R0.1mm的圆角
5. 分模线错位不超过0.05mm

6. 毛边不能超过0.05mm
7. 有害物质管控符合ROHS, HF要求
8. 浇口残留或者後处理不能超过浇口凹陷处
9. 料号, 圆圈标和穴号放在指定的区域;
10. 外表面不能有拉伤。
11. 所有标注尺寸均为 AI
12. 标注 (M) 尺寸为重要尺寸每次进料时均需检验
13. CPK尺寸标注 *** CPK>=1.33(量产)
14. 未特别标注公差尺寸依公差表管控
15. 外观处理件测试条件&项目依照客户 <IH916 可靠性测试计划>
16. 其他外观标准依照客户 <IH916 外观检测标准>
17. 外观及未标示之次要尺寸以3D档案为准
18. 请依据美律采购部门正式提供之绿色规范要求"环境物质控制管理办法" 编号GP2-001
19. 包装方式无特别要求, 厂商必须确保产品在运输过程後, 不得有损伤及变形发生。
20. 不得添加二次料。

				WL127_POGO_PIN_FPC			
				chimei abs757		EPI	
				1:1		N/A	
				F		N/A	
				—		00 1 1	

2021	0	0	2021	0	0	2021	0	0	2021	0	0
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2023
NOV
14

Test procedure

Parameters (R85_ZNB8/Passive/)

Test Setup

Trace Name : **S21** ▾
 Power : **0** dB
 Bandwidth : **0.3** KHz
 Average Factor : **1**
 Test Mode : **Log** ▾
 Skip Calibration : **False** ▾

Angular Coordinator Setup

Phi

Step : **30** ▾

Theta(Ant No.)

Start : **0** ▾

End : **180** ▾

Step : **30** ▾

Display Setup

Display Frequency Mode : **Auto** ▾

Display Frequency : _____ MHz

Frequency List

Test Method : **Linear** ▾ Import Clear

	Start(MHz)	End(MHz)	Step(MHz)
1	2400	2500	10
2			

Added Pathloss Correction

Correction Method : **None** ▾