

承 認 書

A P P R O V A L S H E E T

CUSTOMER: 精聯電子股份有限公司

CUSTOMER MODEL NO.:

JOYMAX MODEL NO.: IBF-A04BMPXX-752

DESCRIPTION: #A04B FPCB Embedded Antenna

REV: A

DATE: 2021/11/26

Customer Approval

Joymax Approval



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Modification History:

Rev.	Date	Content
A	2021/11/26	

REV	ZONE	DESCRIPTION	ECN NO.	ENG	APPROVED	DATE

F

E

D

C

B

A

1

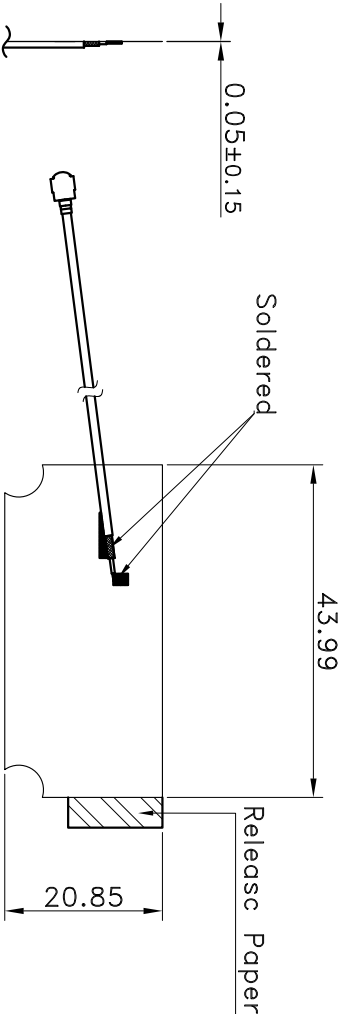
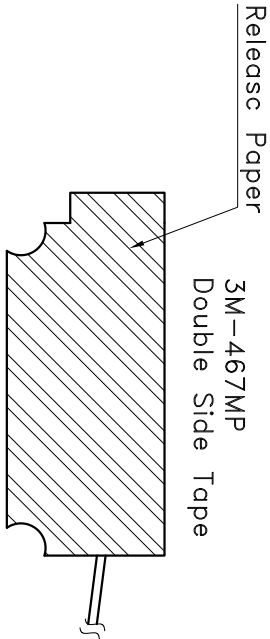
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2

2

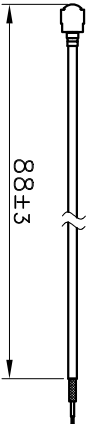
3

3



I-PEX MHF1L

Cable $\varnothing 1.13$ (Black)



Electrical Properties	
Frequency Range	2.4-2.45GHz
Impedance	50 Ω
V.S.W.R.	2.4-2.5GHz ≤ 2.0 with the client case 比對波形 compared with report curve (without the client case)
Radiation	Omi
Polarization	2dBi
Wave Length , type	Vertical
Mechanical Properties	
Radome Material	PI
Connector Type	Mini PCI Conn
Dimension	L=94mm
Weight	1 g (est)
Operating Temp.	-20℃ ~ +65℃
Storage Temp.	-30℃ ~ +70℃

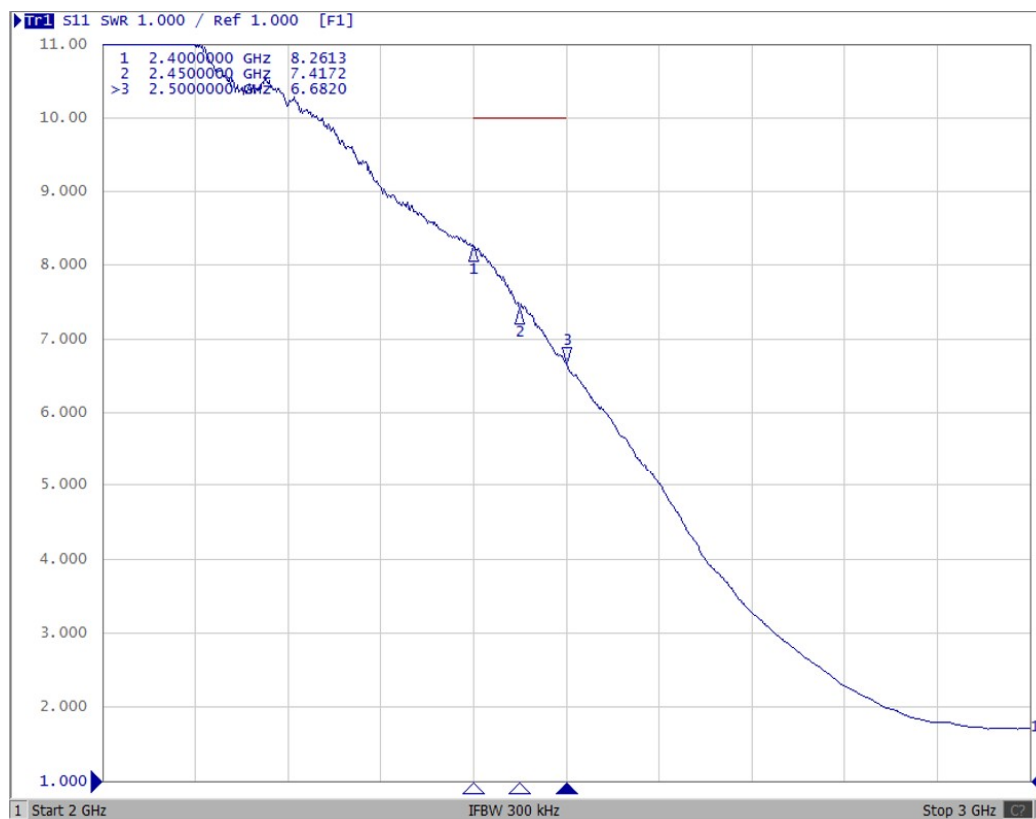
UNLESS OTHERWISE SPECIFIED TOLERANCES ON: ±0.5	DRAWN BY: Olivia		MATERIAL:		TITLE : #A04B FPCB Embedded Antenna	
	DESIGNED BY: Robin		FINISH:		DRAW NO. : SSP-210279	
THIRD ANGLE PROJECTION 	CHECKED BY: KY/Sara		SCALE:1/1;UNIT:mm		PART NO. : IBF-A04BMPXX-752	
	APPROVED BY: Matt		DATE:2021/11/26			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO JOYMAX AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					REV: A	
						
					JOYMAX ELECTRONICS CO.,LTD.	



JOYMAX ELECTRONICS CO.,LTD.

2. Test Condition & Report

2.1 V.S.W.R (test without client case)

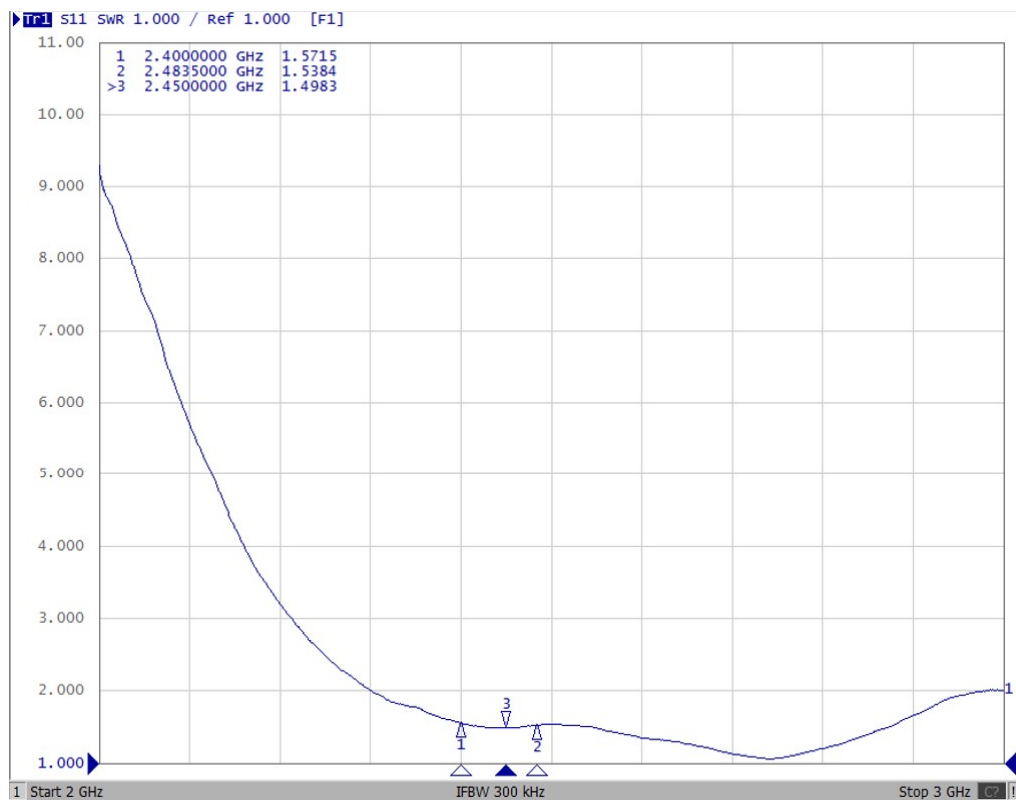


Test Configuration



2. Test Condition & Report

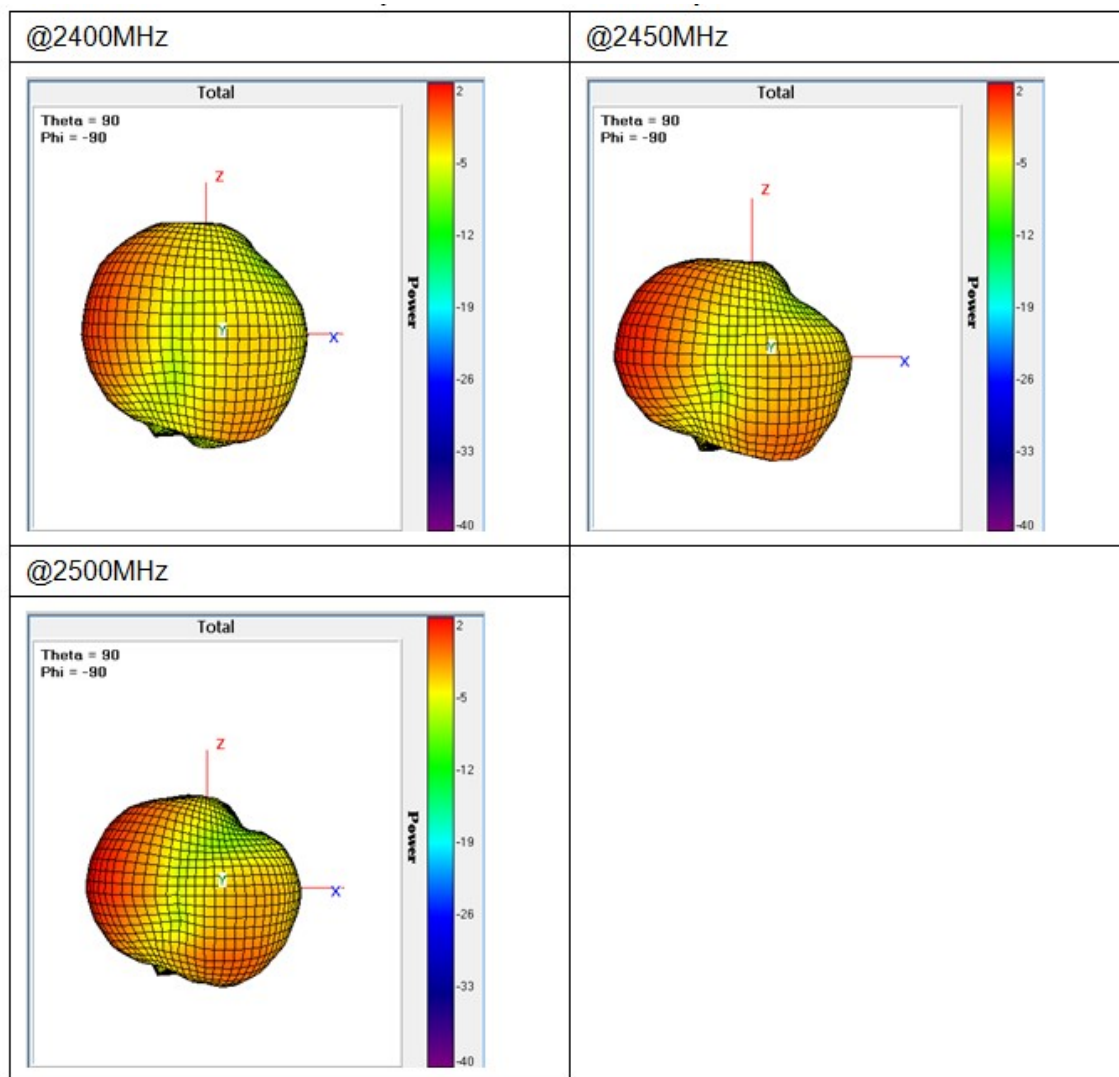
2.1 V.S.W.R (test with client case)



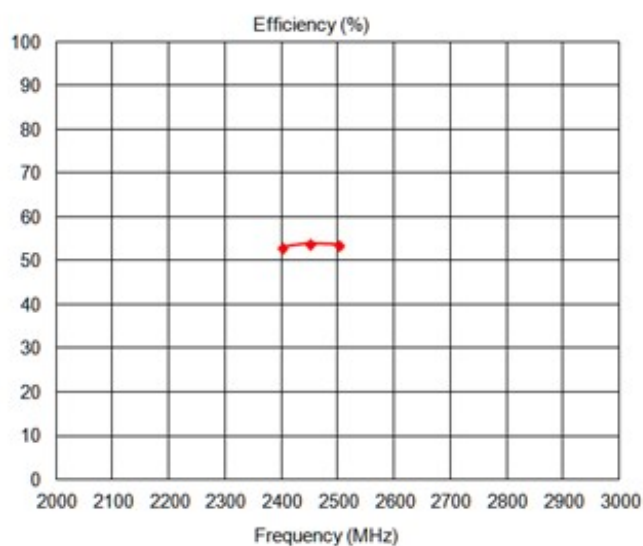
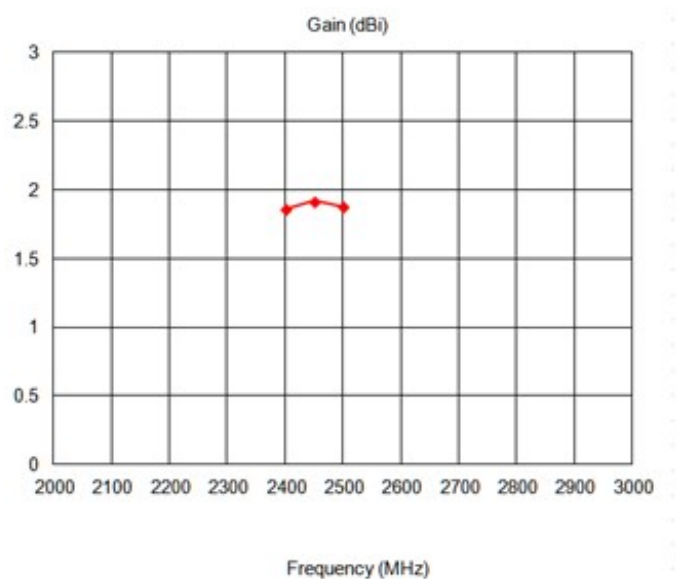
Test Configuration



2.2 Pattern (test with client case)



2.3 Gain and Efficiency (test with client case)



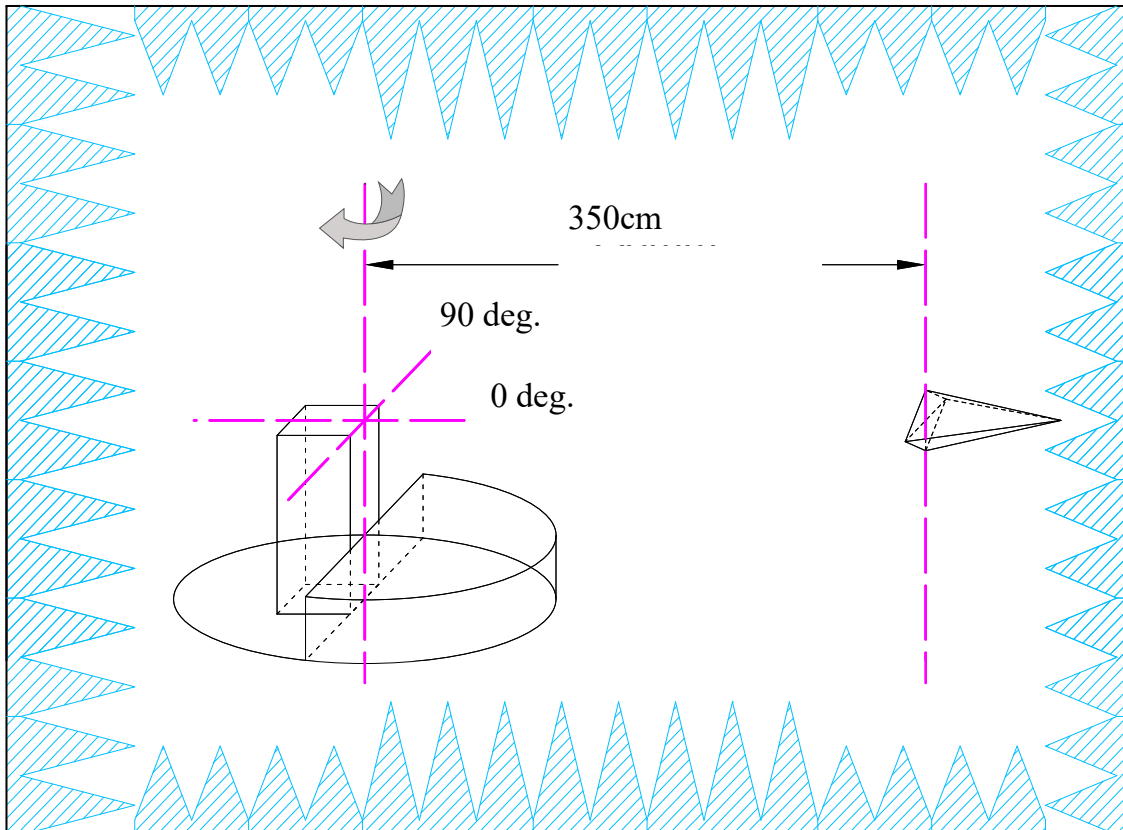
Frequency (MHz)	2400	2450	2500
Gain(dBi)	1.86	1.92	1.88
Efficiency (%)	53.07	54.0	53.7

Pattern Test Equipment

Anechoic chamber: 100MHz~6GHz 8*6*6m (※ 1m Quiet zone at 800MHz)

Source Antenna: ETS-3164 Dual Polarized Horn

Network Analyzer: Agilent E5071B 100kHz~8.5GHz

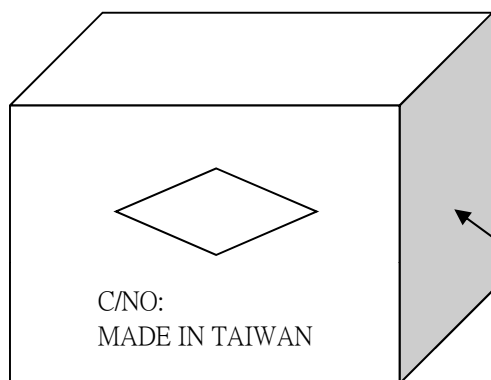


3. Package



①

100pcs antenna / 1 PE bag
PE bag size 16.5*30mm



②

2000pcs antenna / 1 Carton
Carton size 330*180*180mm

MODEL No.:	
Q'ty:	PCS
N.W:	PCS
G.W:	PCS

Packing q'ty is for reference only, adjust it based on production packing