

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.: GBF-A056MPXX-752

DESCRIPTION: #A056 FPCB Embedded Antenna

REV: A

DATE: 2021/11/26

Customer Approval

Joymax Approval



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Index

1. Specification & Dimension	-----	3
2. Test Condition & Report		
2.1 V.S.W.R	-----	4
2.2 Pattern	-----	6
2.3 Gain and Efficiency	-----	7
3. Package	-----	9

Modification History:

Rev.	Date	Content
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A	2021/11/26	
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1. Specification & Dimension

REV ZONE		DESCRIPTION		ECN NO.		ENG		APPROVED		DATE	

3M-467MP Double Side Tape		Release Paper		0.2±0.15 (PCB With Release paper)		43.71		45.88	

Electrical Properties	
Frequency Range	902~928MHz
Impedance	50Ω
V.S.W.R.	902~928MHz≤2.0 with the client case 比對波形 compared with report curve (without the client case)
Radiation	Omni
Gain	1dBi
Polarization	Vertical
Wave Length , type	Microstrip
Mechanical Properties	
Radome Material	PI
Connector Type	Mini PCI Com
Dimension	L=45mm
Weight	1 g (est)
Operating Temp.	-20℃ ~+65℃
Storage Temp.	-30℃ ~+70℃

UNLESS OTHERWISE SPECIFIED TOLERANCES ON:±0.5		DRAWN BY: Olivia		MATERIAL:		TITLE : #A056 FPCB Embedded Antenna	
DESIGNED BY: Robin		FINISH:		DRAW NO. : SSP-210278			
CHECKED BY: KY/Sara		SCALE:1/1;UNIT:mm		PART NO. : GBF-A056MPXX-752			
APPROVED BY: Mctt		DATE:2021/11/26		REV: A			
THIRD ANGLE PROJECTION							
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO JOYMAX AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.							

Cable ø1.13(Gray)

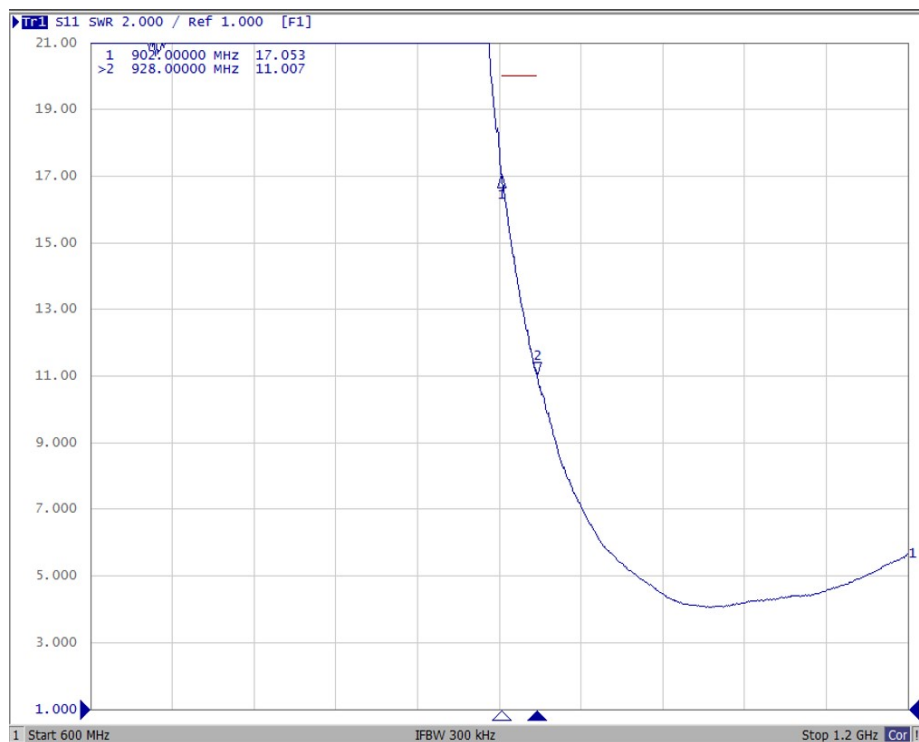
39±2

I-PEX MHF1L

JOYMAX ELECTRONICS CO.,LTD.

2. Test Condition & Report

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

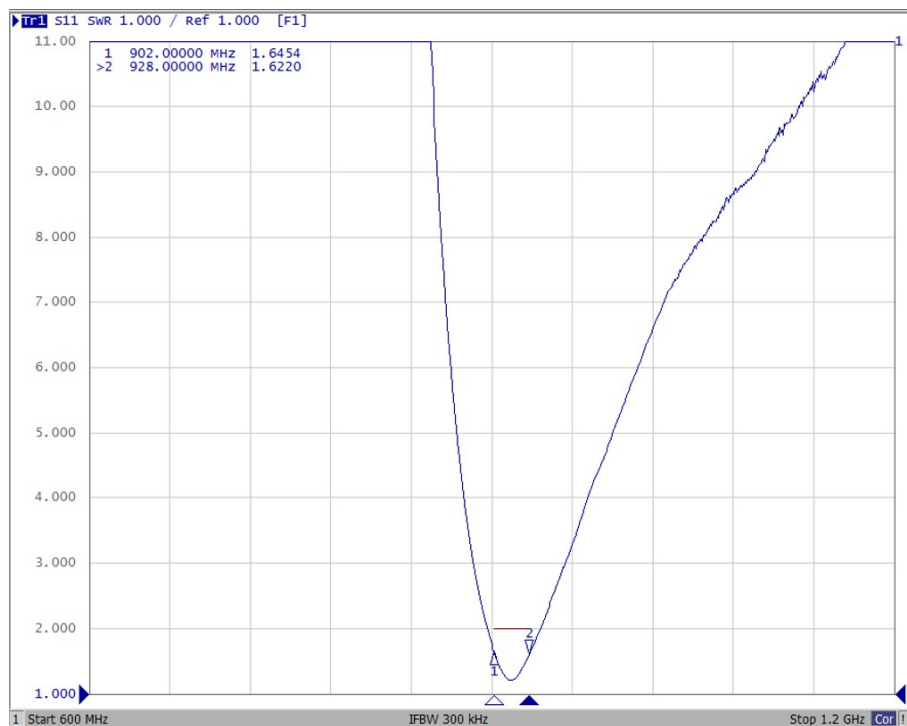


Test Configuration



2. Test Condition & Report

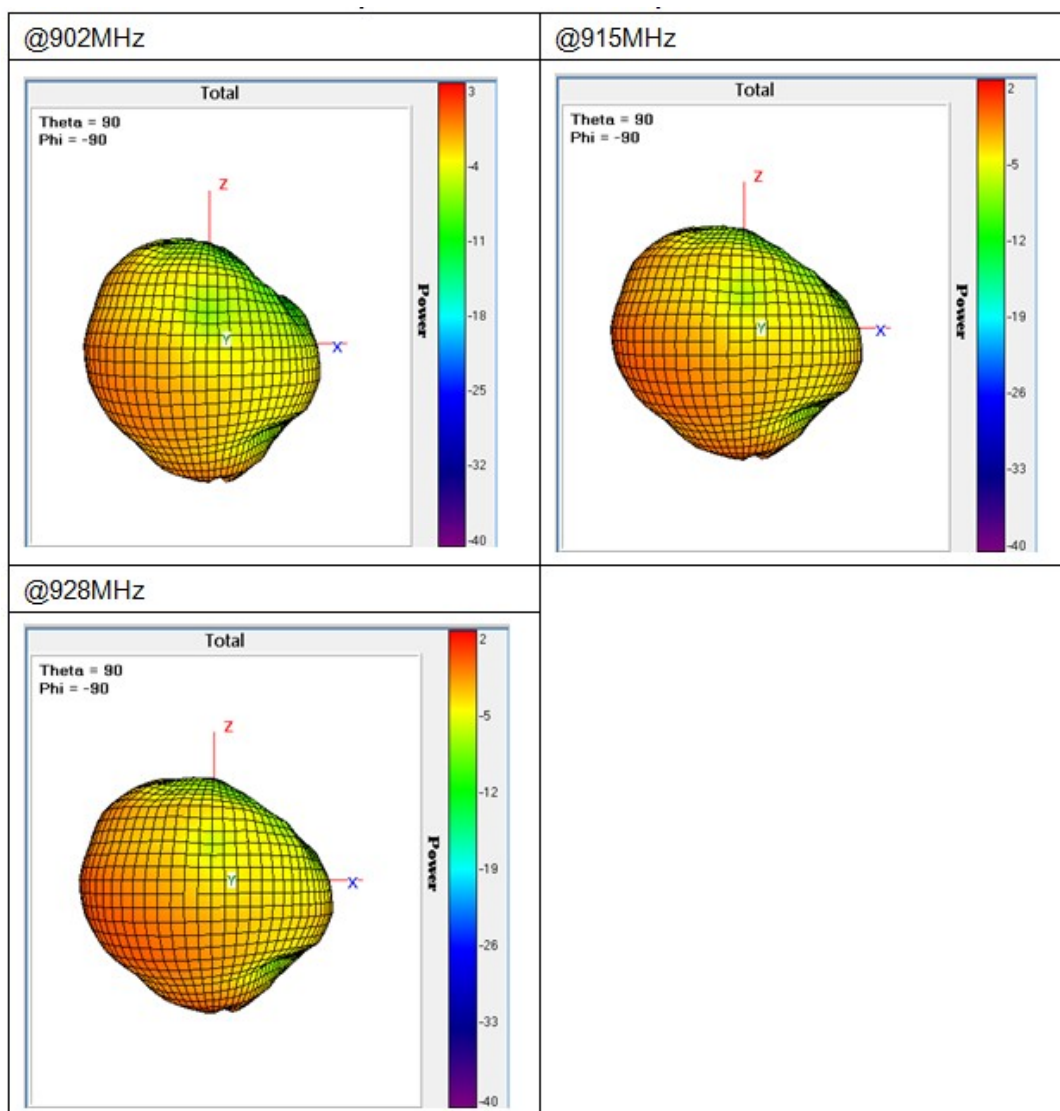
2.1 V.S.W.R (test with client case)



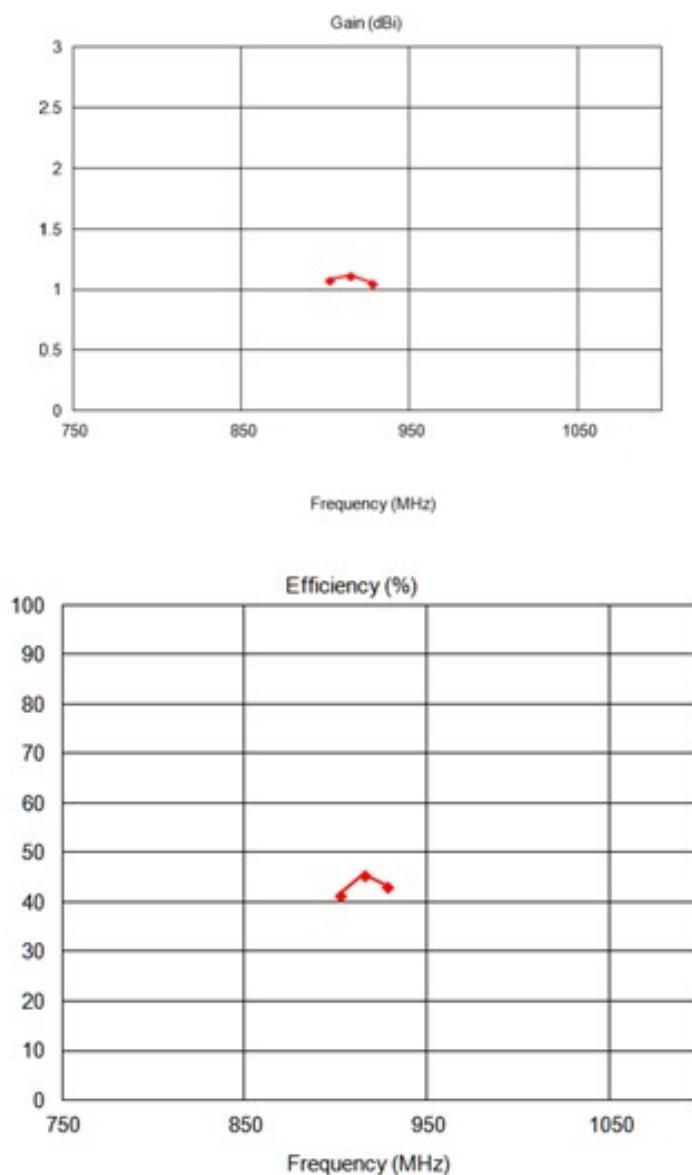
Test Configuration



2.2 Pattern (test with client case)



2.3 Gain and Efficiency (test with client case)



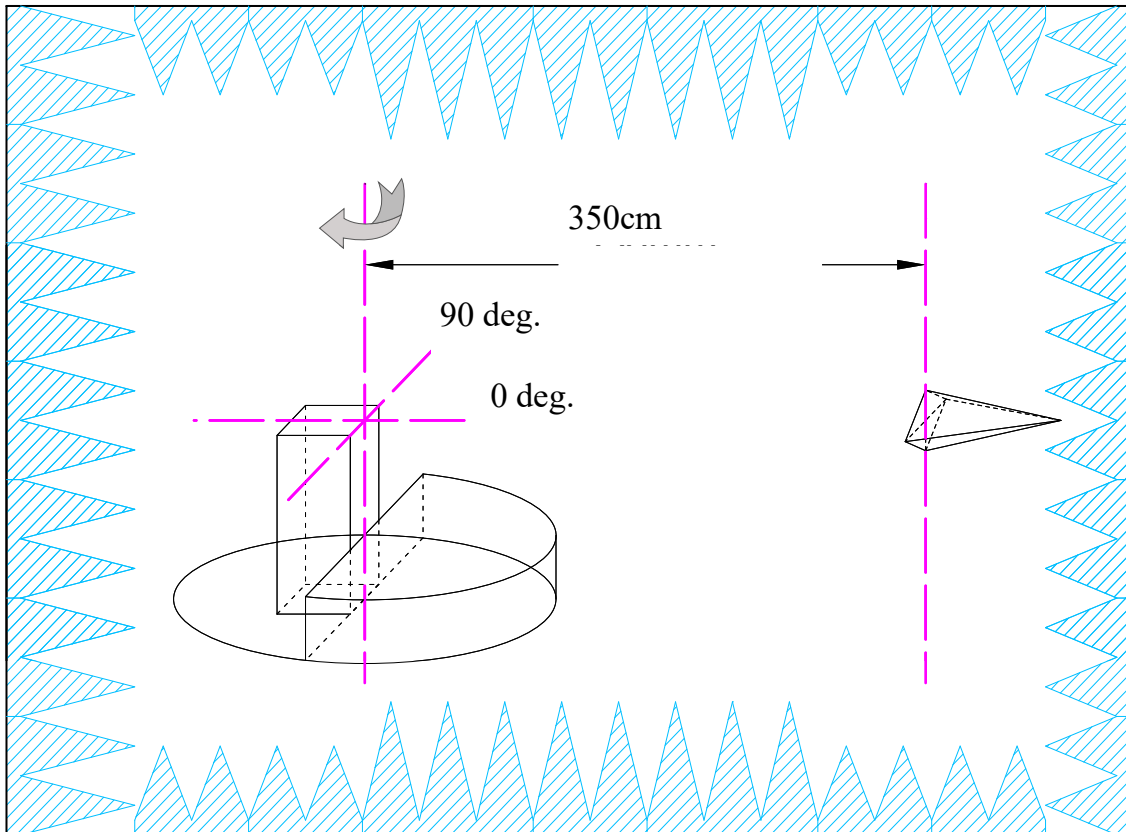
Frequency (MHz)	902	915	928
Gain(dBi)	1.08	1.12	1.06
Efficiency (%)	41.57	45.65	43.25

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

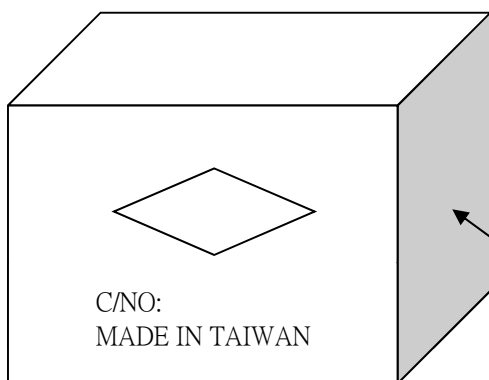


3. Package



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