

承認書

APPROVAL SHEET

CUSTOMER: 和暢科技股份有限公司

CUSTOMER MODEL NO.: KXWFTD0801601

JOYMAX MODEL NO.: TBF-V03BMP3B-W015

DESCRIPTION: #V03B Antenna

REV.: A

DATE: 2025/3/20

Customer Approval

Joymax Approval



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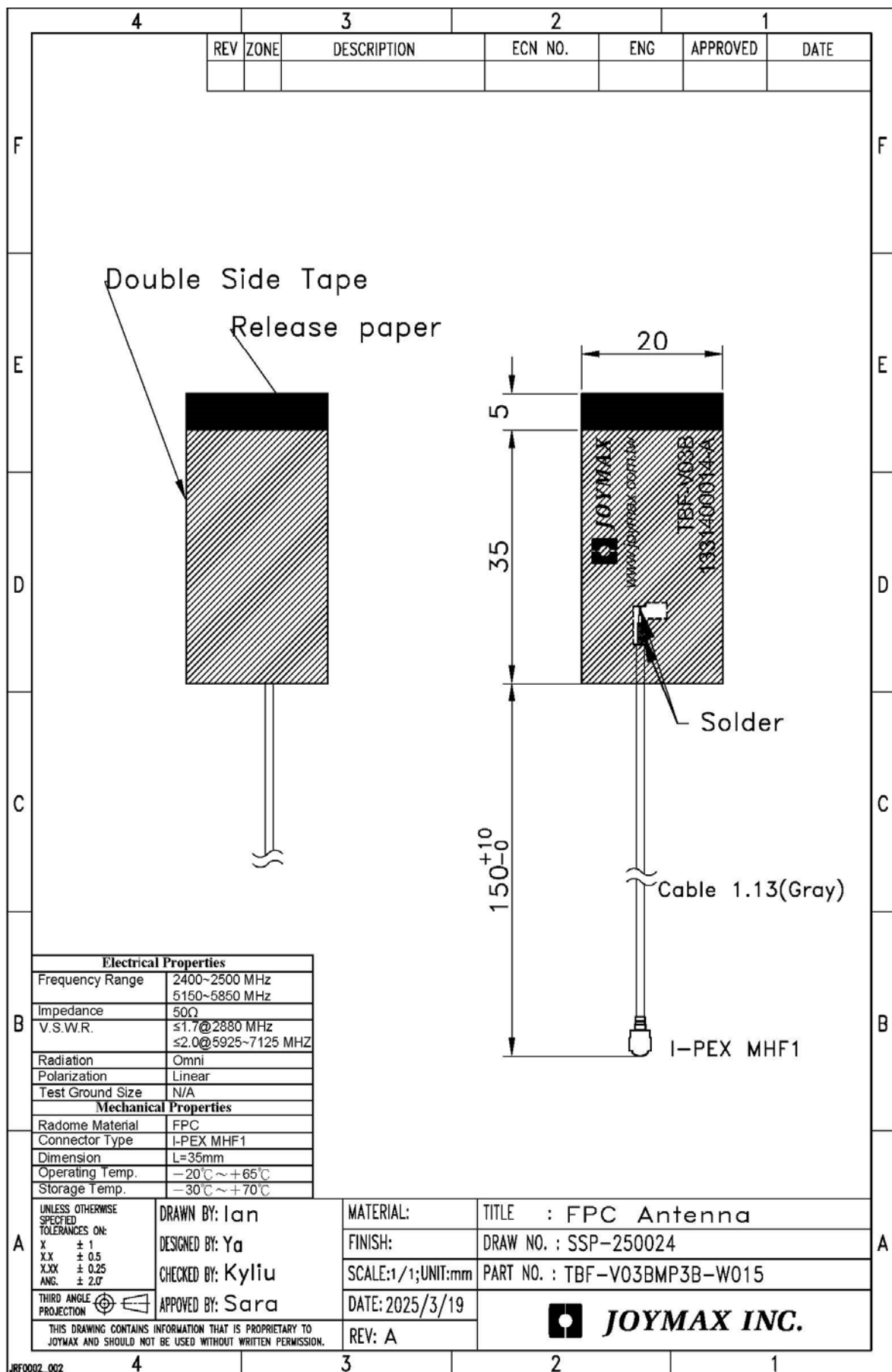
Index

1. Specification & Dimension	-----	3
2. Test Condition & Report		
2.1 V.S.W.R	-----	4
2.2 Pattern	-----	6
2.3 Gain and Efficiency	-----	8
3. Package	-----	10

Modification History:

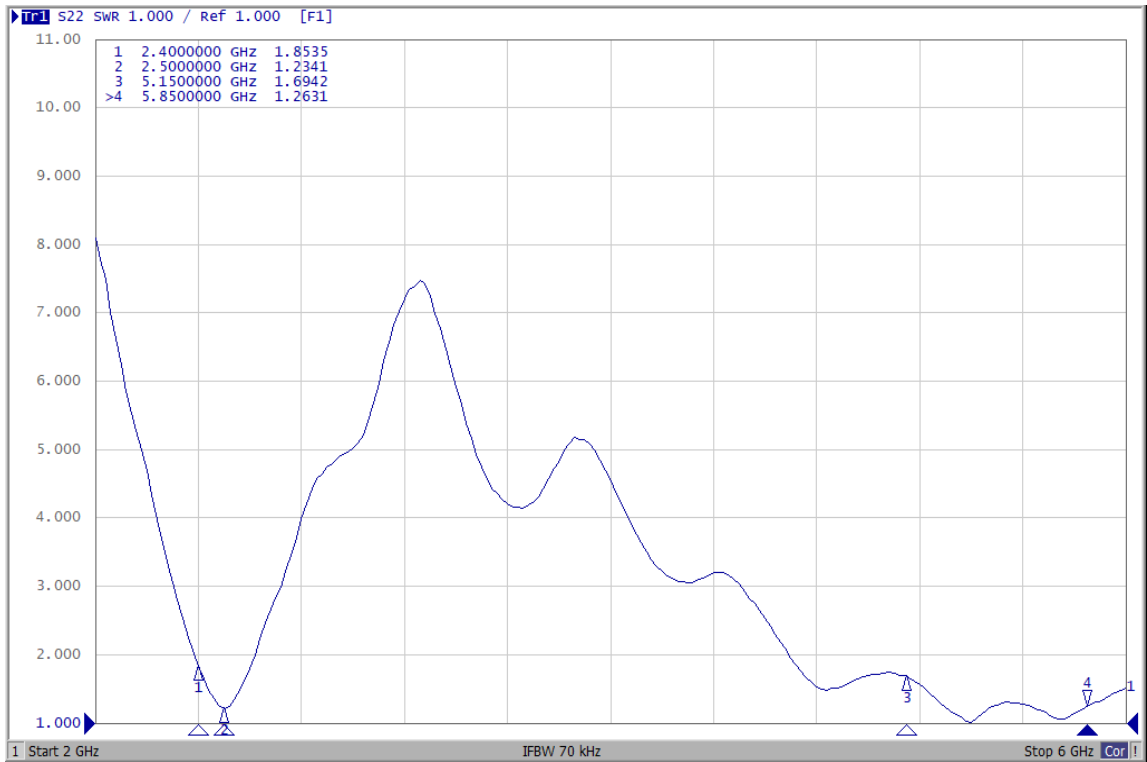
Rev.	Date	Content
A	2025/3/20	

1. Specification & Dimension



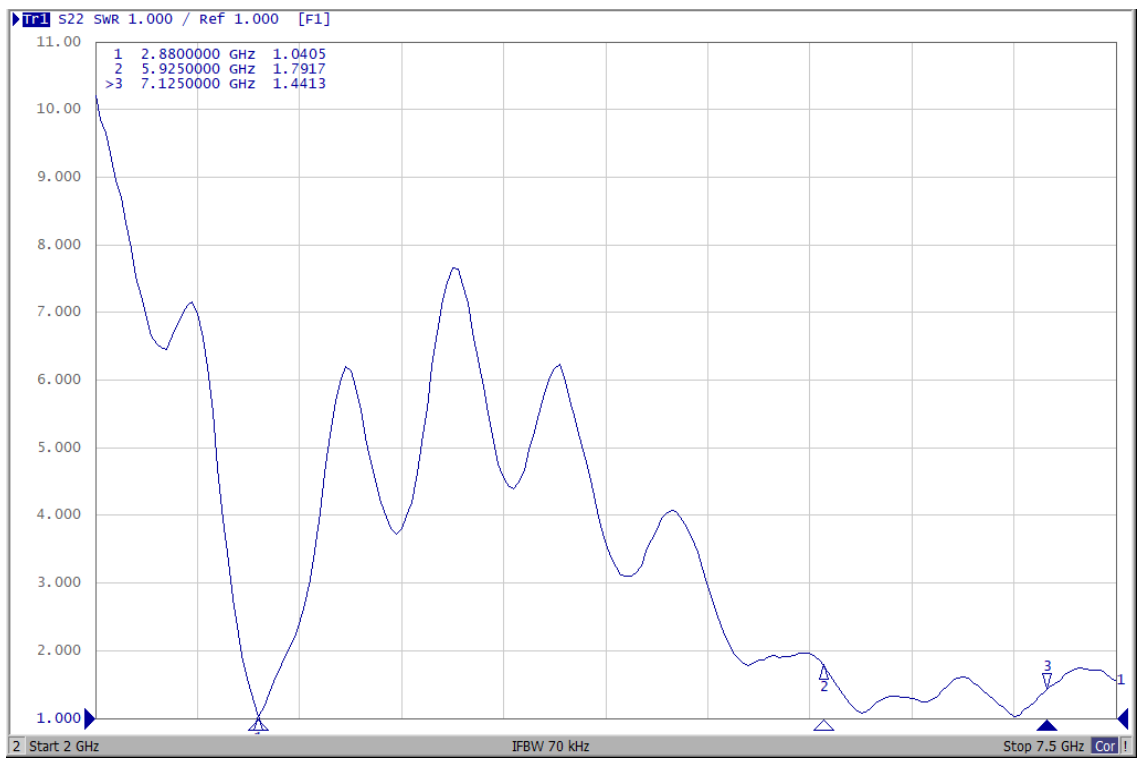
2.Test Condition & Report

2.1 V.S.W.R (with ground)

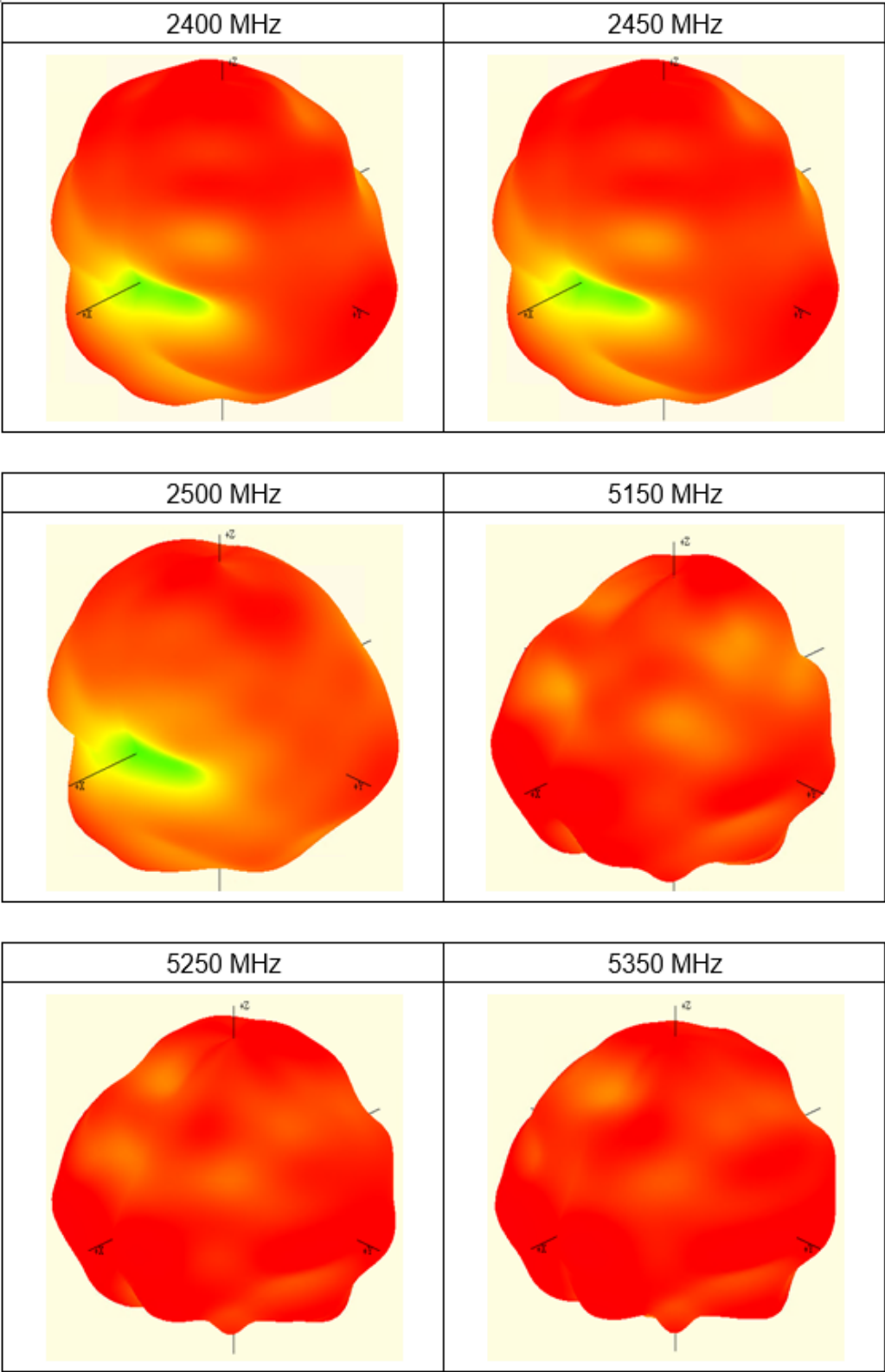


2.Test Condition & Report

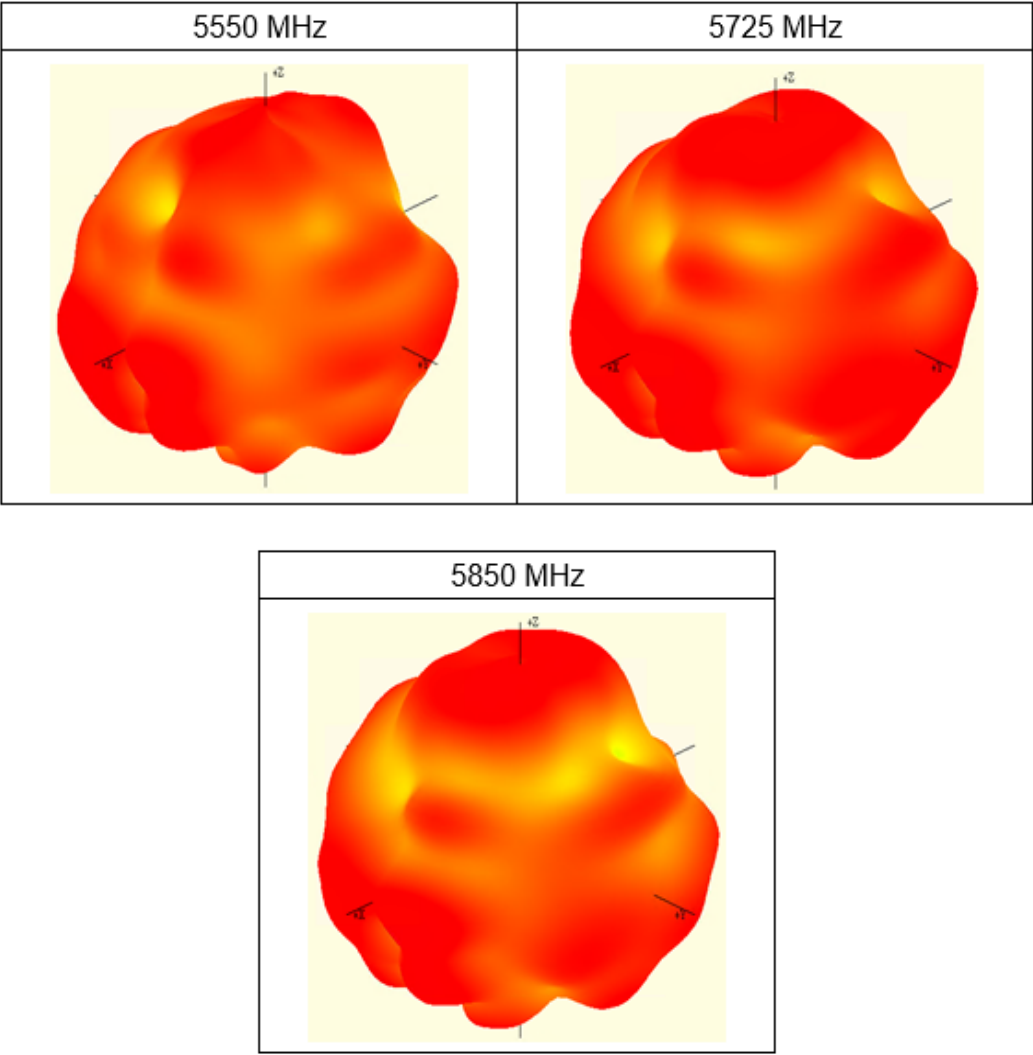
2.1 V.S.W.R (without ground)



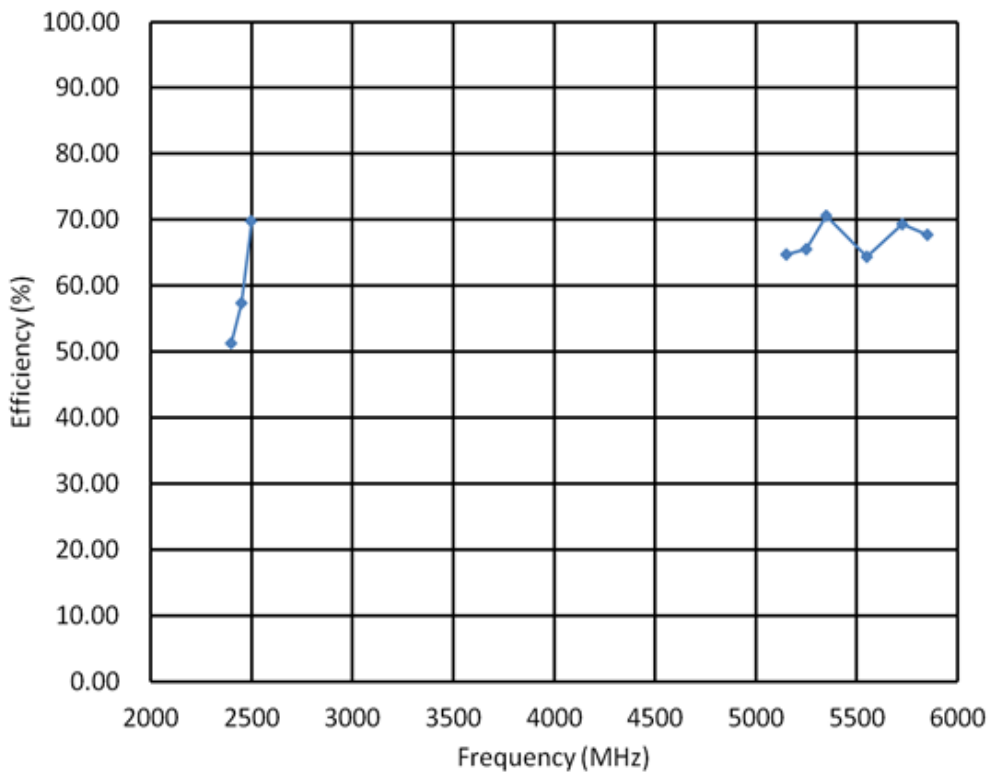
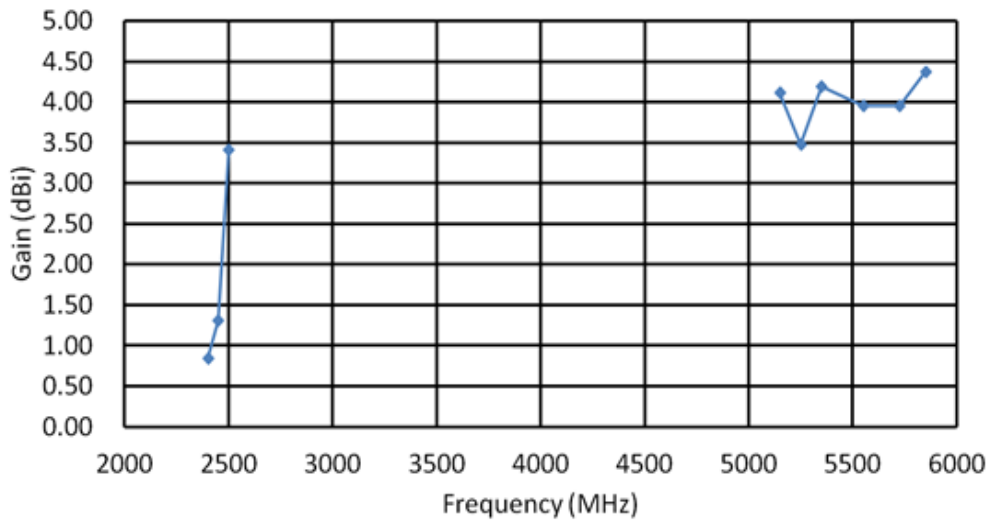
2.2 Pattern



2.2 Pattern



2.3 Gain and Efficiency



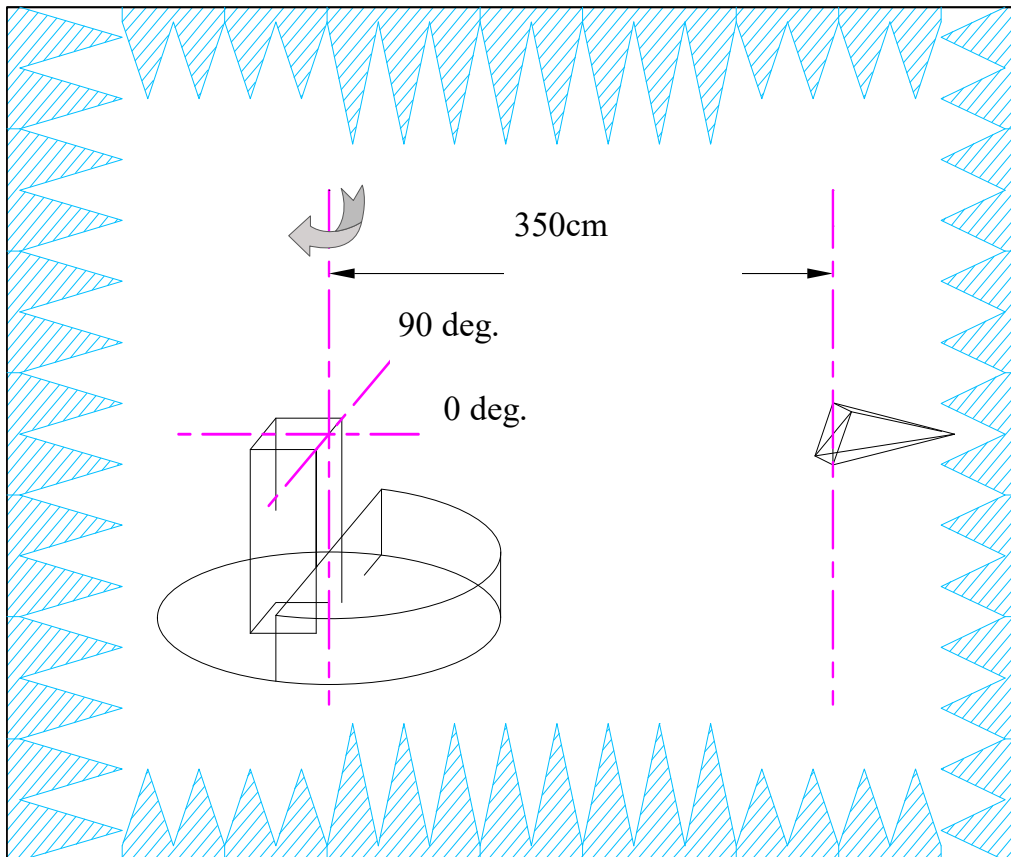
Frequency (MHz)	2400	2450	2500	5150	5250	5350	5550	5725	5850
Gain (dBi)	0.85	1.31	3.42	4.12	3.48	4.19	3.96	3.95	4.37
Efficiency (%)	51.21	57.30	69.75	64.72	65.54	70.59	64.41	69.30	67.67

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

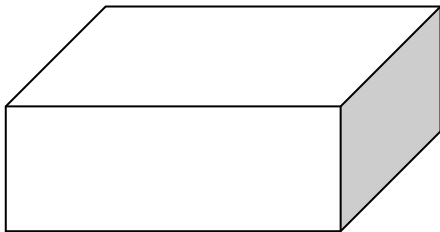


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JOYMAX INC.

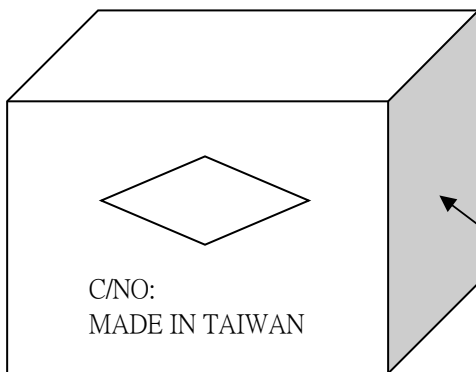
3. Package



① 50pcs antenna / 1PE bag



② 2000pcs antenna / 1 White Inner box



③ 2000pcs antenna / 1 Carton

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

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