

承認書

APPROVAL SHEET

CUSTOMER: 優必闊科技股份有限公司 UBIIK INC.

CUSTOMER MODEL NO.:

JOYMAX MODEL NO.: ZWX-715BSA5B-1264

DESCRIPTION: #715B Antenna

REV.: A

DATE: 2024/6/5

Customer Approval

Joymax Approval



 士誼科技事業股份有限公司
JOYMAX ELECTRONICS CO., LTD.

Tel:+886-3-4335698 Fax:+886-3-4336340
E-mail: info@joymax.com.tw

桃園市中壢區中壢工業區東園二路5號
No.5 Dong Yuan Rd.2,Jhongli industrial Park,
Jhongli Dist,Tao Yuan,Taiwan,R.O.C.
<http://www.joymax.com.tw>

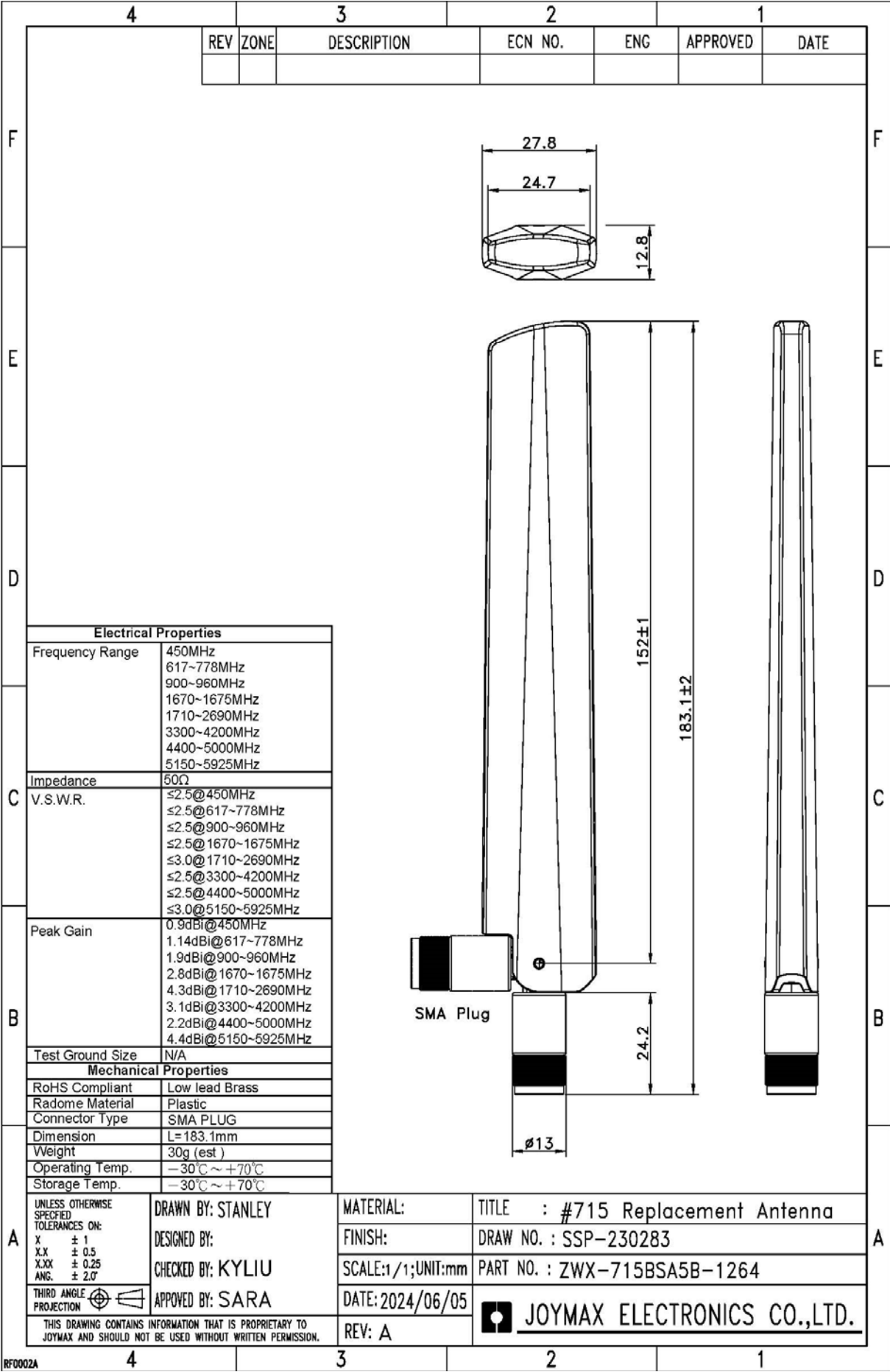
Index

1. Specification & Dimension	-----	3
2. Test Condition & Report		
2.1 V.S.W.R	-----	4
2.2 Pattern	-----	5
2.3 Gain and Efficiency	-----	8
3. Package	-----	11

Modification History:

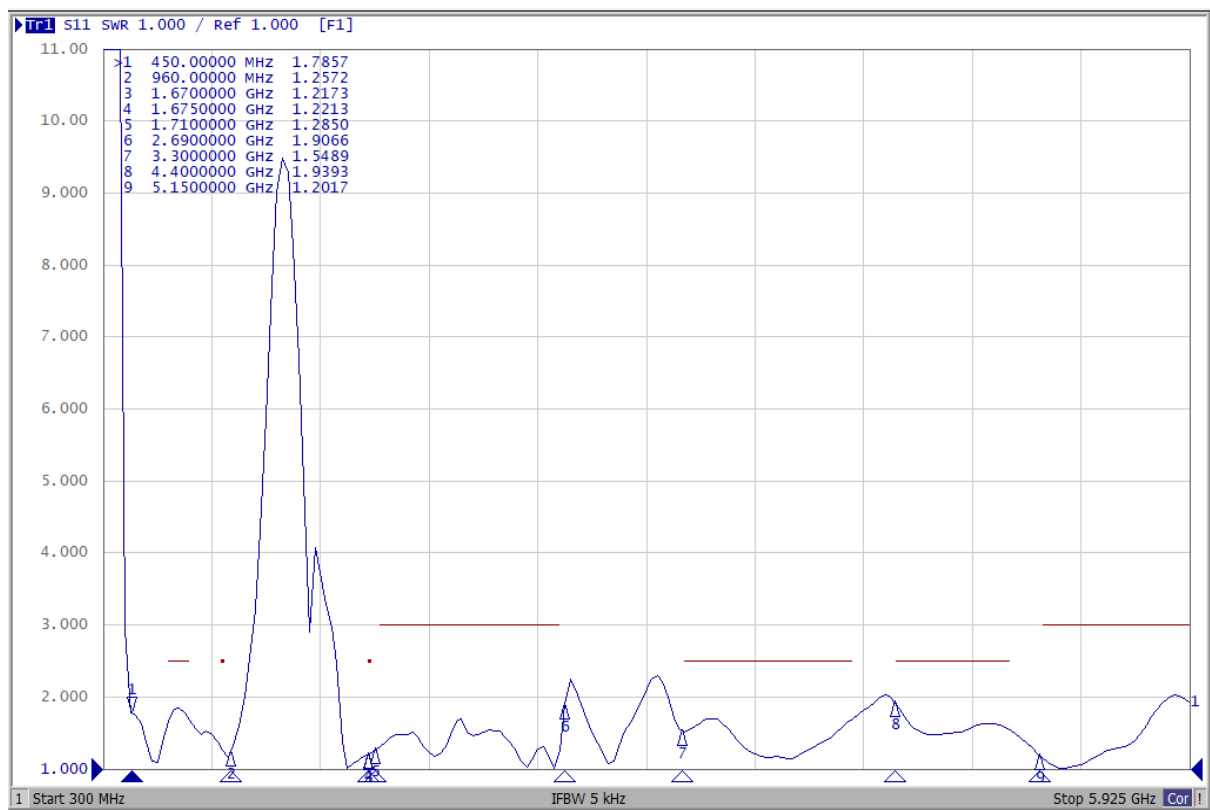
Rev.	Date	Content
A	2024/6/5	

1. Specification & Dimension

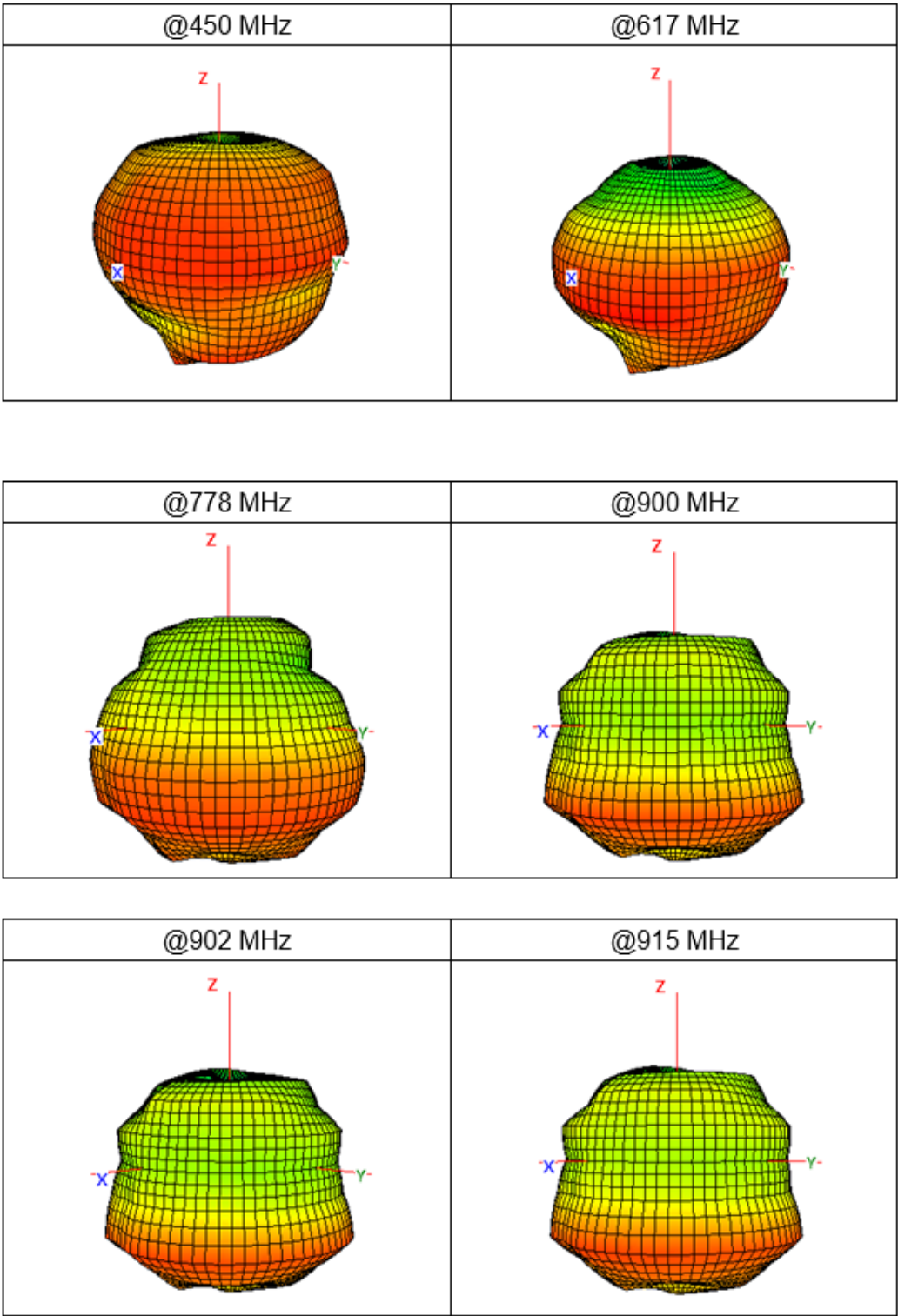


2.Test Condition & Report

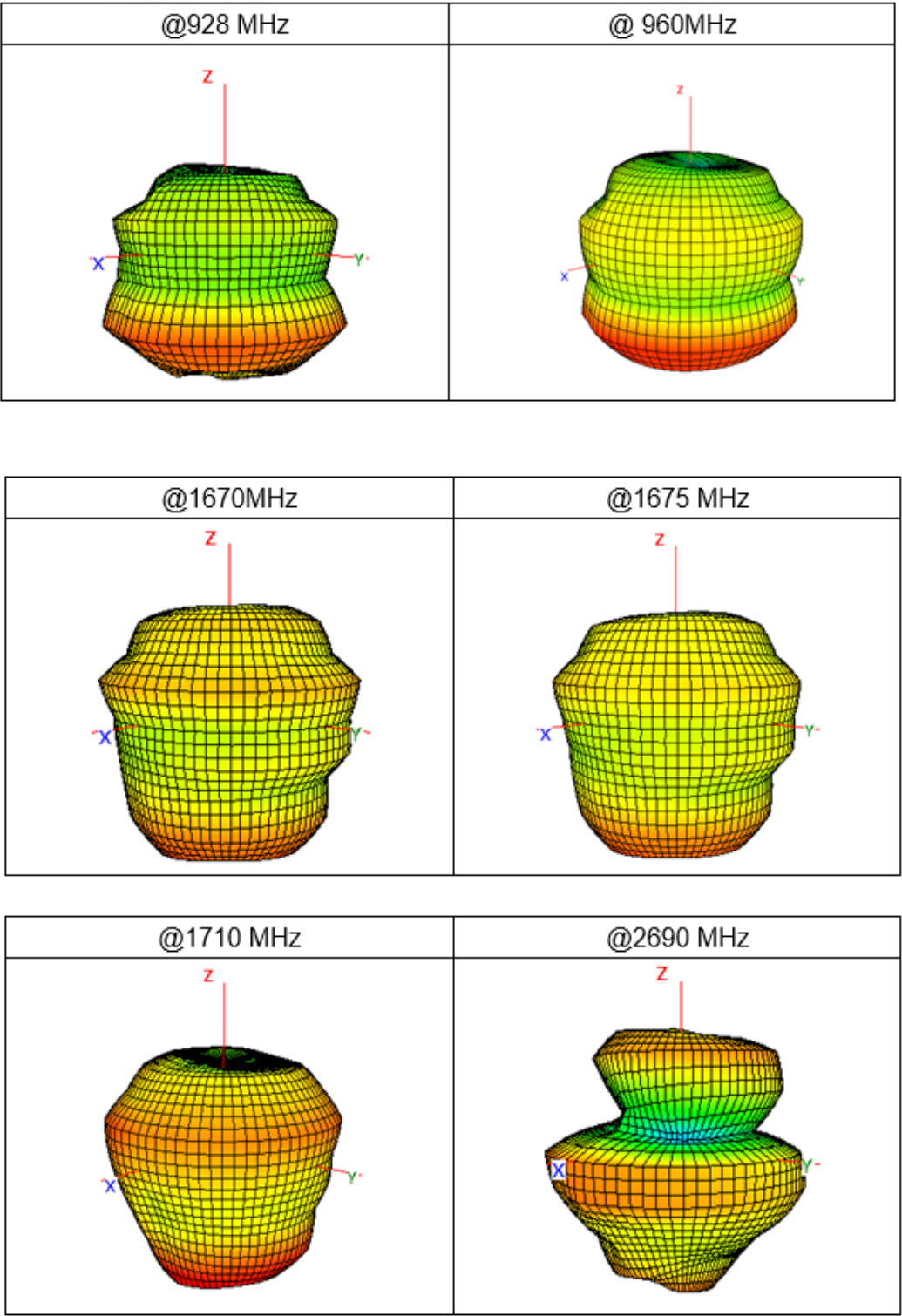
2.1 V.S.W.R



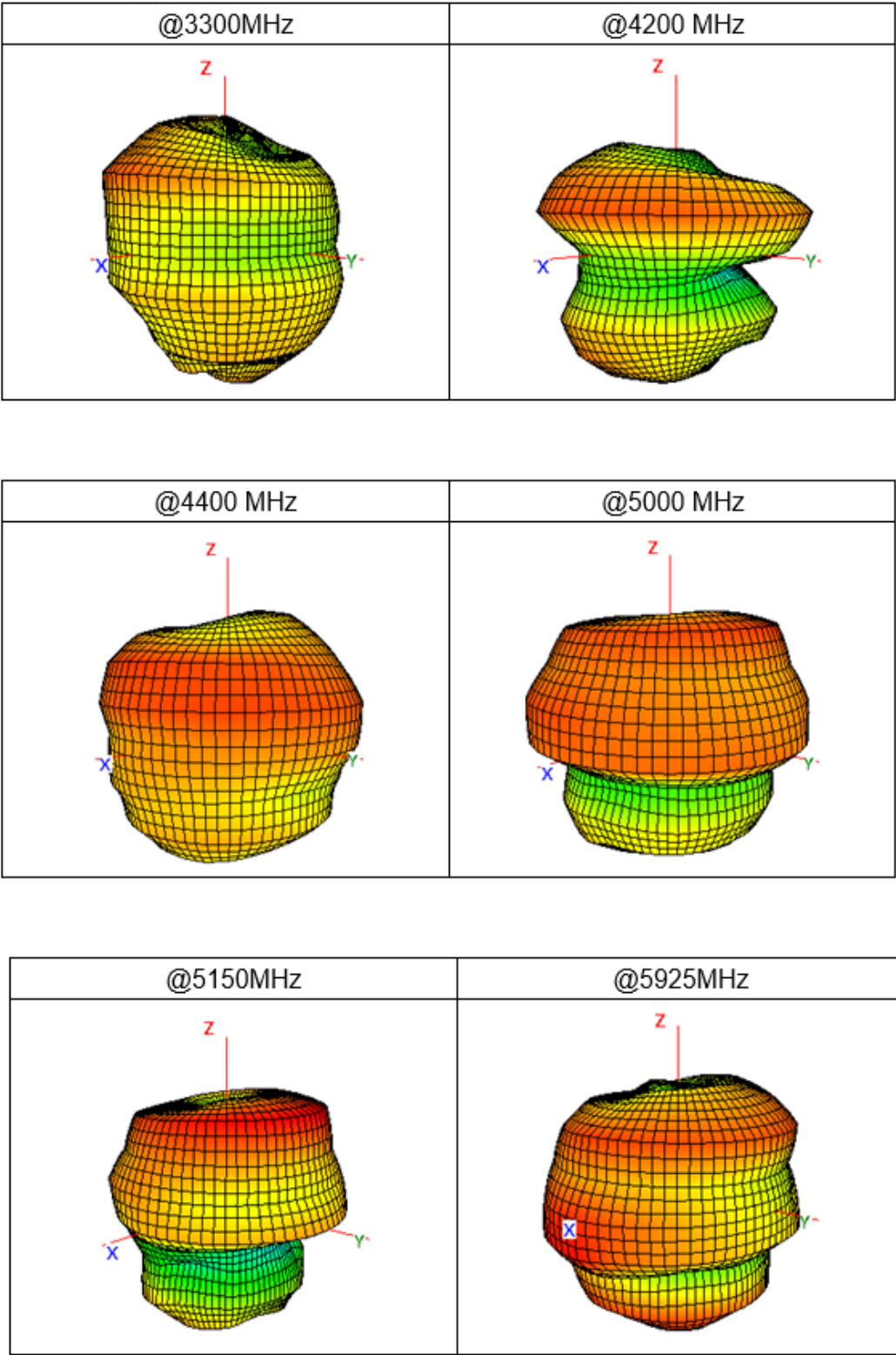
2.2 Pattern



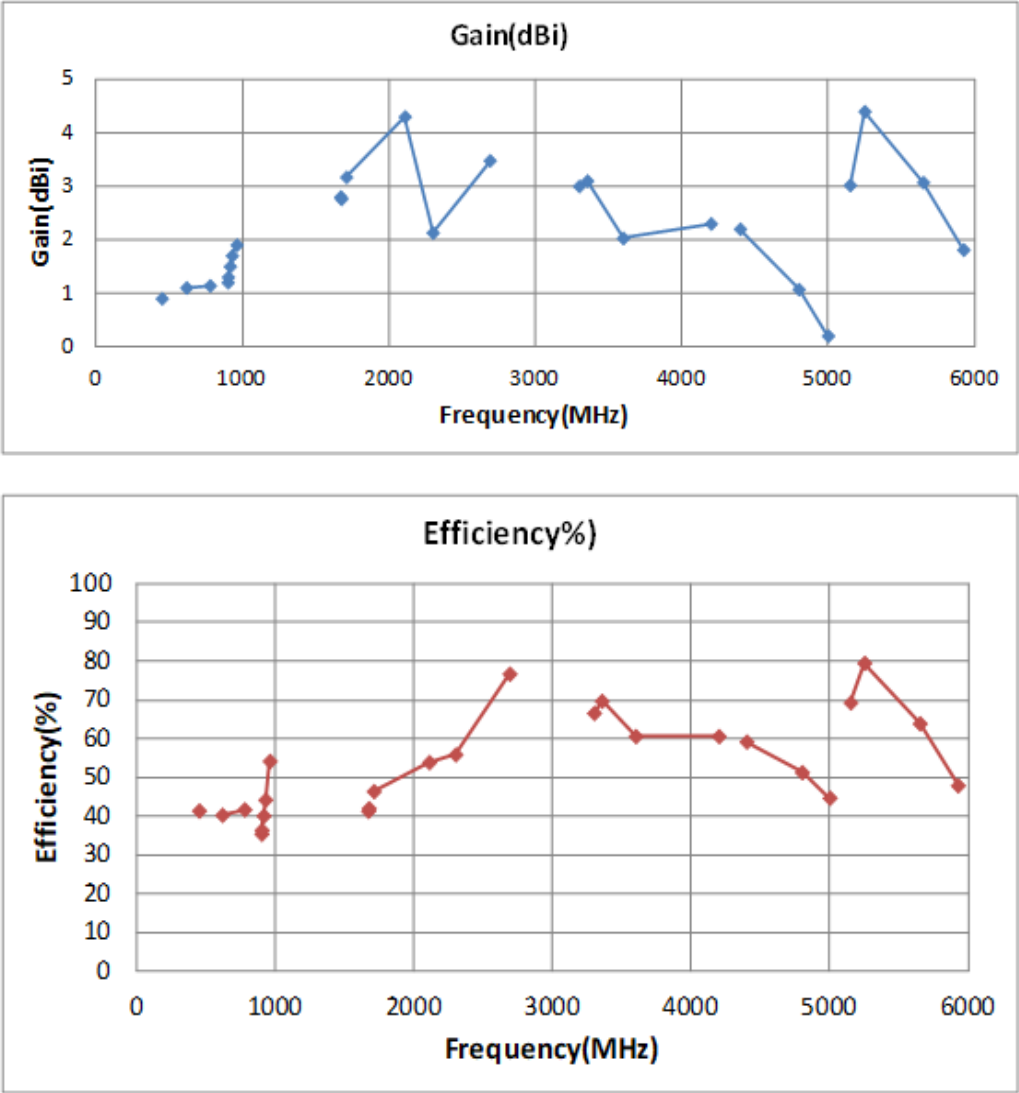
2.2 Pattern



2.2 Pattern



2.3 Gain and Efficiency



2.3 Gain and Efficiency

Frequency(MHz)	450	617	778	900	902	915	928	960
Gain(dBi)	0.9	1.1	1.14	1.2	1.3	1.5	1.7	1.9
Efficiency(%)	41.4	40.3	41.7	35.4	36.4	40.1	44.2	54.2

Frequency(MHz)	1670	1675	1710	2110	2300	2690
Gain(dBi)	2.8	2.76	3.17	4.3	2.13	3.48
Efficiency(%)	41.3	42	46.4	53.9	55.9	76.7

Frequency(MHz)	3300	3355	3600	4200	4400	4800	5000
Gain(dBi)	3	3.1	2.03	2.3	2.2	1.07	0.2
Efficiency(%)	66.6	69.7	60.6	60.6	59.2	51.3	44.7

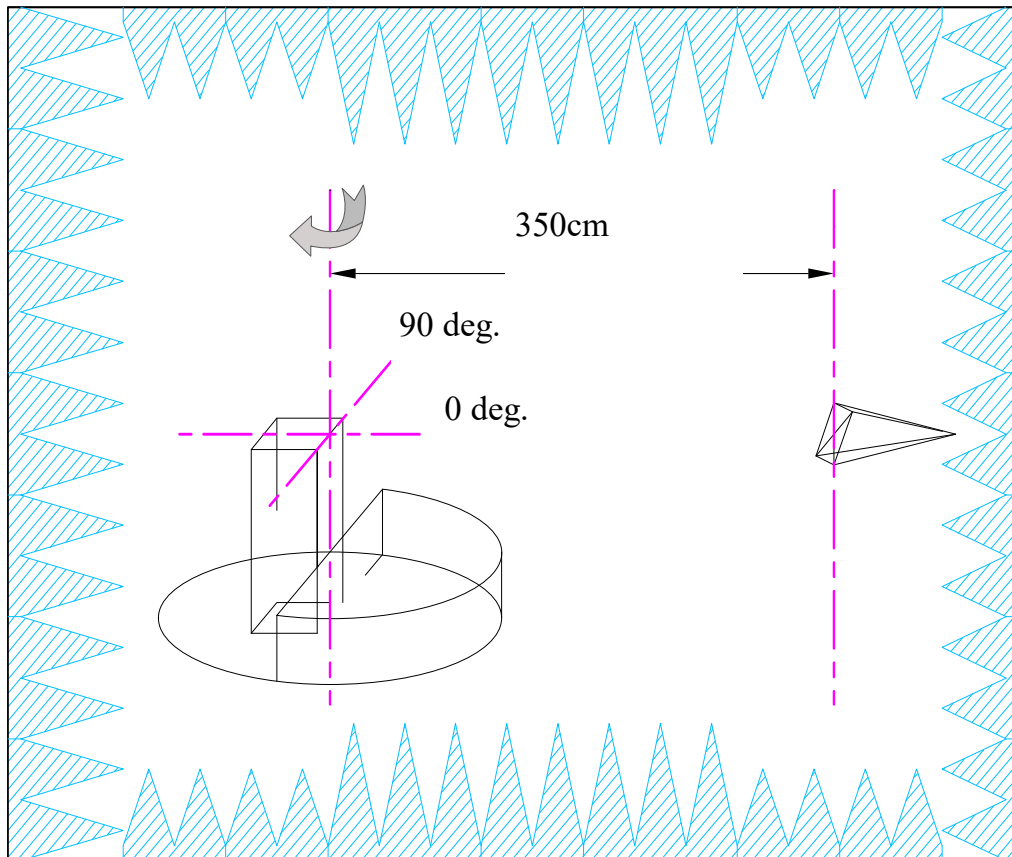
Frequency(MHz)	5150	5250	5650	5925
Gain(dBi)	3.02	4.4	3.07	1.81
Efficiency(%)	69.3	79.5	63.9	47.9

Pattern Test Equipment

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

Source Antenna: ETS-3164 Dual Polarized Horn

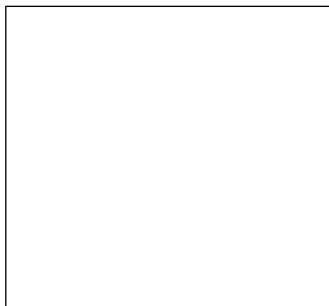
Network Analyzer: Agilent E5071B 100kHz~8.5GHz



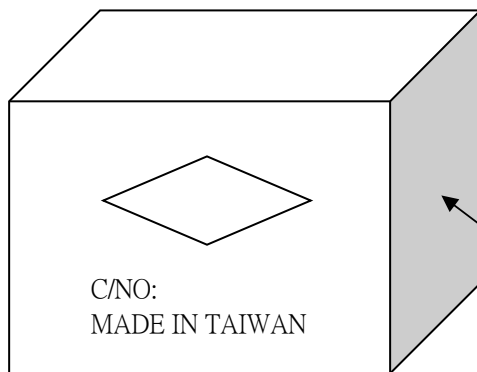
3. Package



① 1pcs antenna / 1 PE bag



② 50pcs antenna / 1 PE bag
Can Add Customer Label



③ 300pcs antenna / 1 Carton
Can Add Customer Label

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

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