



Product Name: WiFi Dual Band Terminal Antenna

Part Number: H2BEPH1T1P01DU

Features:

- Stable and reliable in performances
- Supporting: WiFi Dual Band 2400~2500 & 5150~5850 MHz
- 90 Hinged Right Angle RSMA(M) connector
- RoHS 2.0 compliance

Applications:

- Wireless LAN Application
- IoT Device Application
- Smart Community Application
- Apply for Bluetooth and Wireless LAN Device

WiFi Dual Band Terminal Antenna

MODEL: XU11H

Version: A

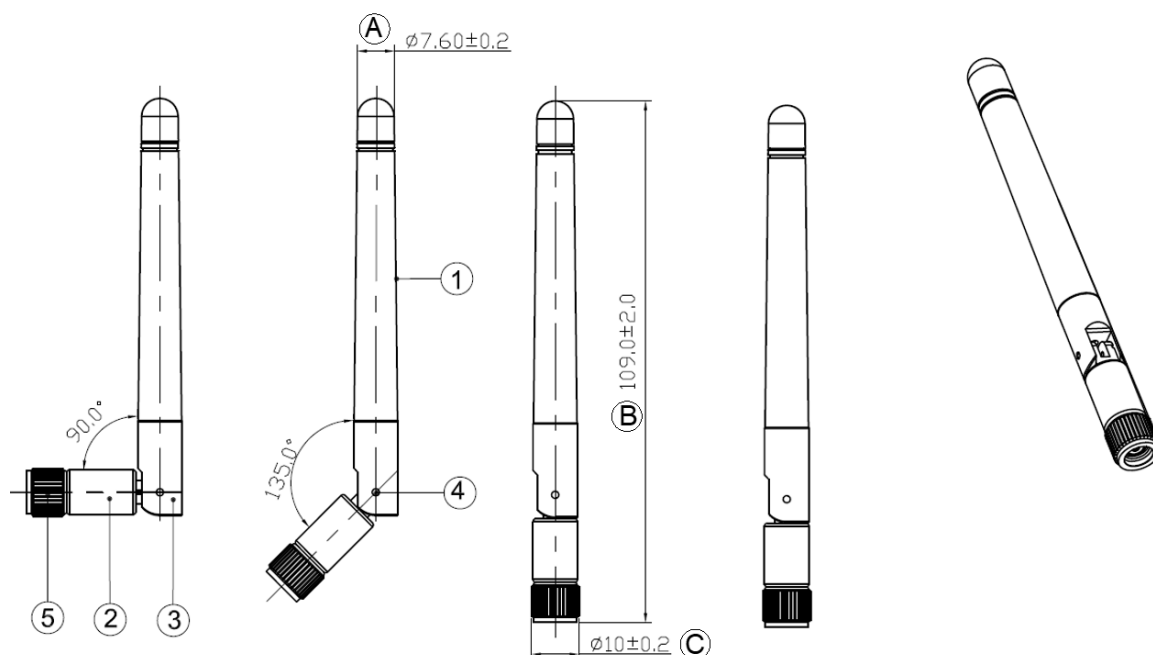
I. Specifications:

Items	Specifications			
Frequency (MHz)	2400~2500		5150~5850	
V.S.W.R	<2.0 Max.		<2.5 Max.	
Efficiency (%)	@2450 MHz	65 Typ.	@5550 MHz	66 Typ.
Average Gain (dB)		-1.9 Typ.		-1.8 Typ.
Peak Gain (dBi)		3.5 Typ.		5.5 Typ.
Polarization	Linear			
Impedance (Ω)	50			
Mechanical Characteristics				
Cable	RG-178			
Connector	SMA Male Reverse			
Connector Pull Force	> 3.0 Kg			
Cover Material	TPEE			
Color	Black			
Material	RoHS Compatible / RoHS 2011/65/EU with IEC 62321:2008 Method			

Environmental Conditions	
Operation Temperature (° C)	-30 ~ +65
Storage Temperature (° C)	-30 ~ +85
Relative Humidity	95% non-condensing

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II. Antenna Dimensions (unit: mm):



NOTE:

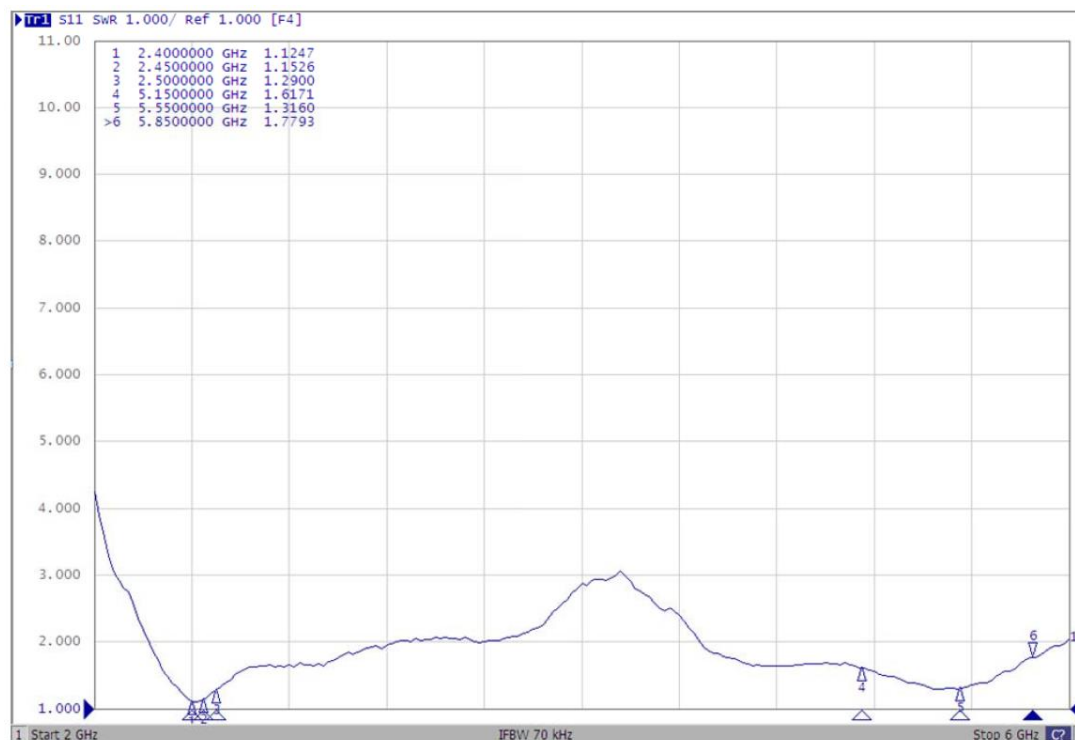
1. All materials are RoHS 2.0 compliant.
2. "A~C" Critical Dimensions.
3. "()" Reference Dimensions.

Item	Description	Material	Color	Q'ty
1	Body 1	TPEE	Black	1
2	Body 2	POM	Black	1
3	Body 3	ABS	Black	1
4	Hinge Pin	POM	Black	2
5	RSMA(M) Connector	Cu	Black	1

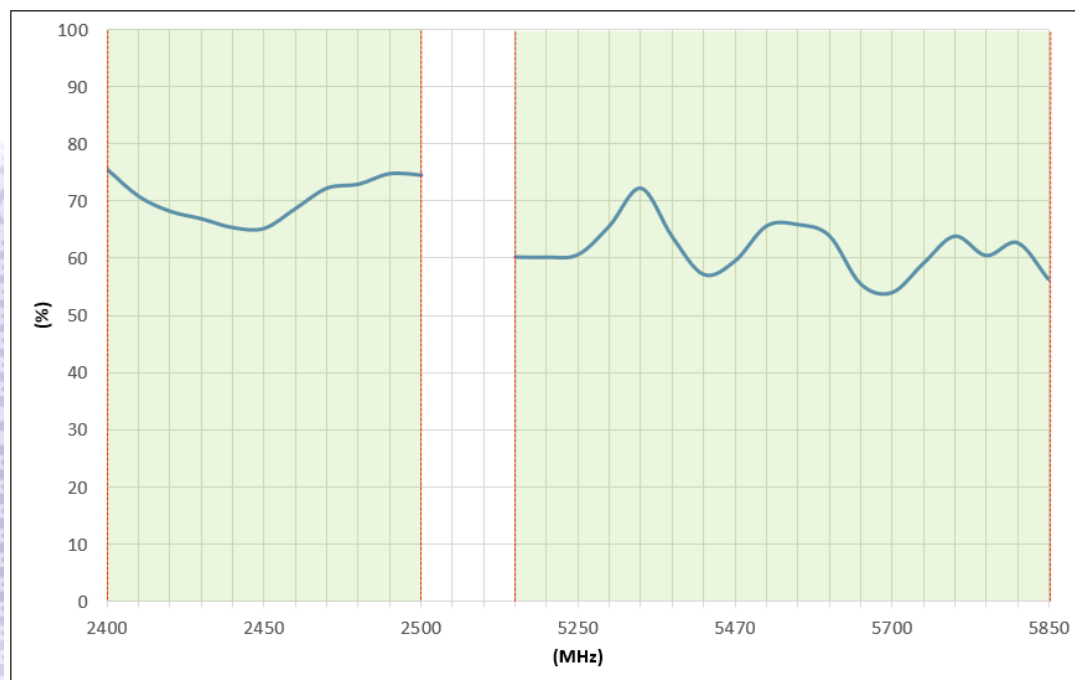
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III. Properties:

a) V.S.W.R

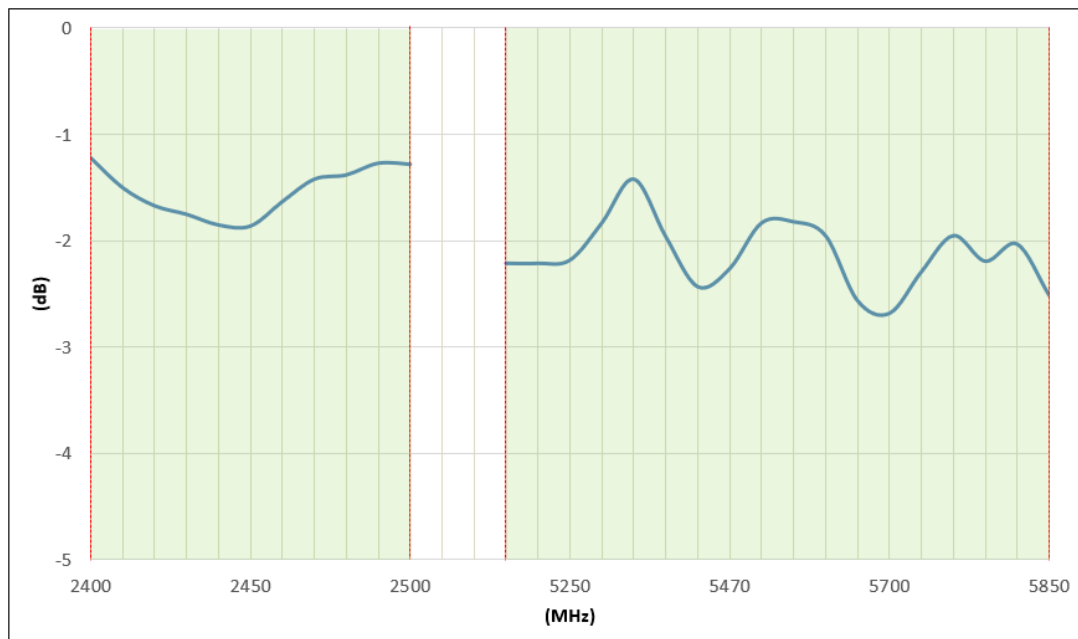


b) Efficiency (%)



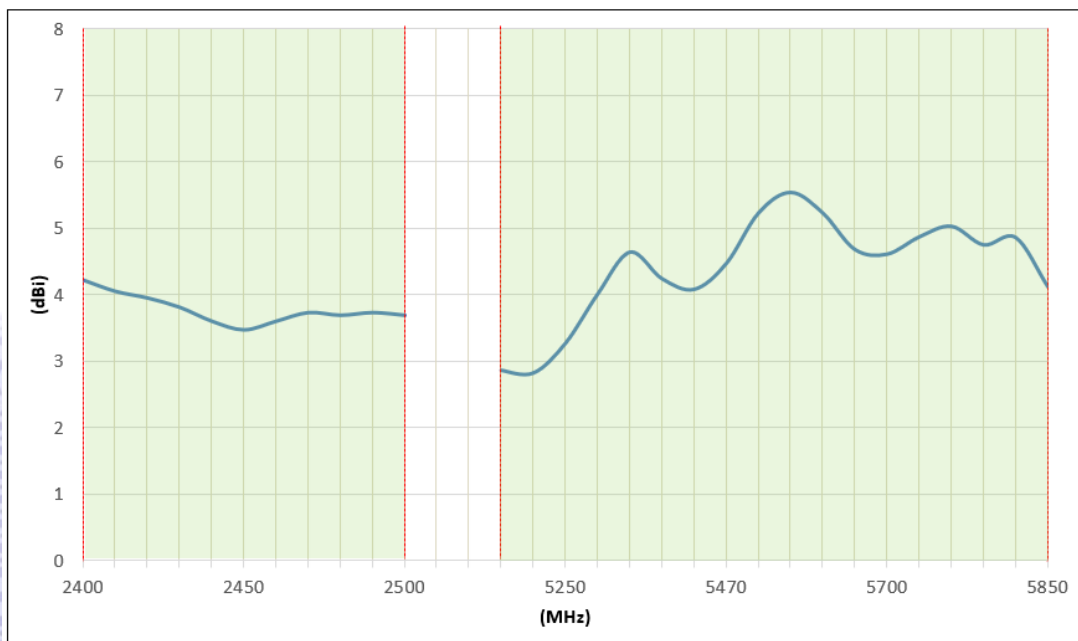
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c) Average Gain (dB)



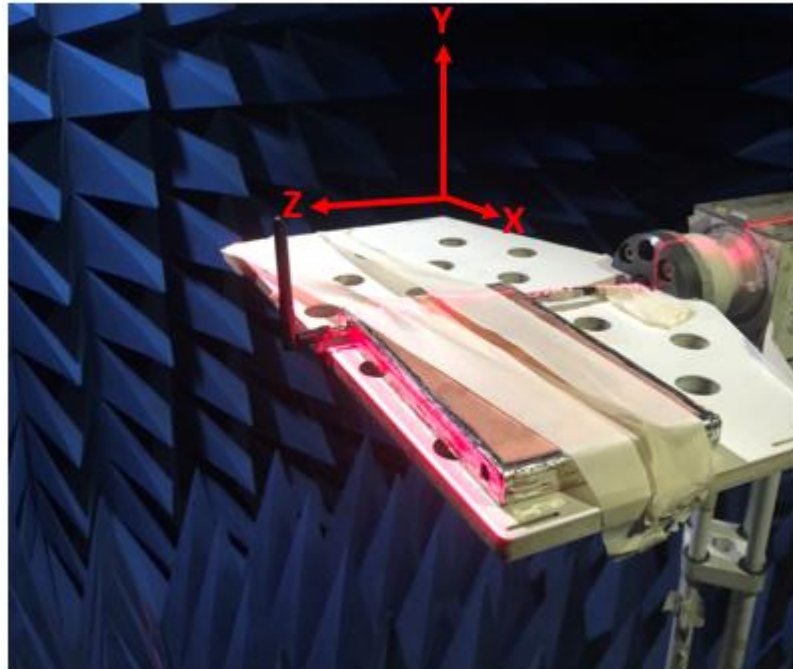
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d) Peak Gain (dBi)

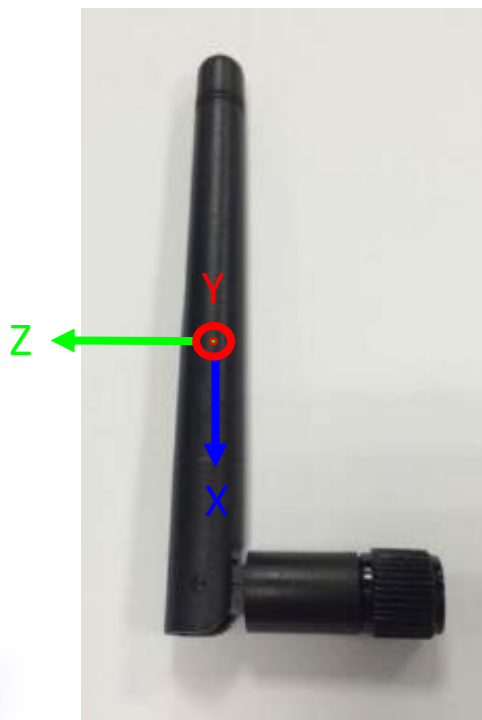


IV. Antenna Radiation Pattern Measurement:

The antenna radiation patterns are measured in Unictron's 3D Anechoic Chamber. The measurement setup is as show below.

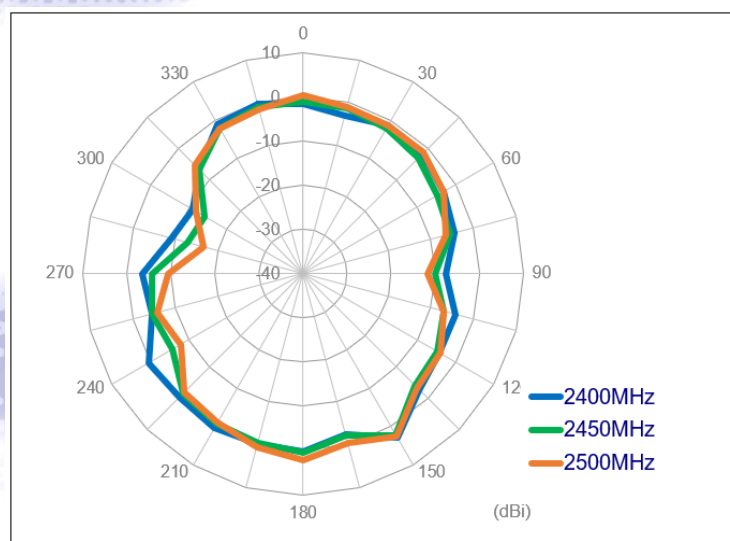
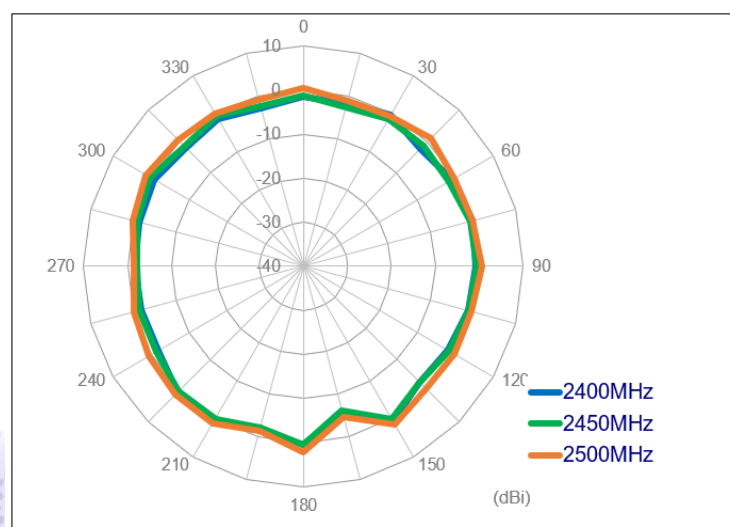
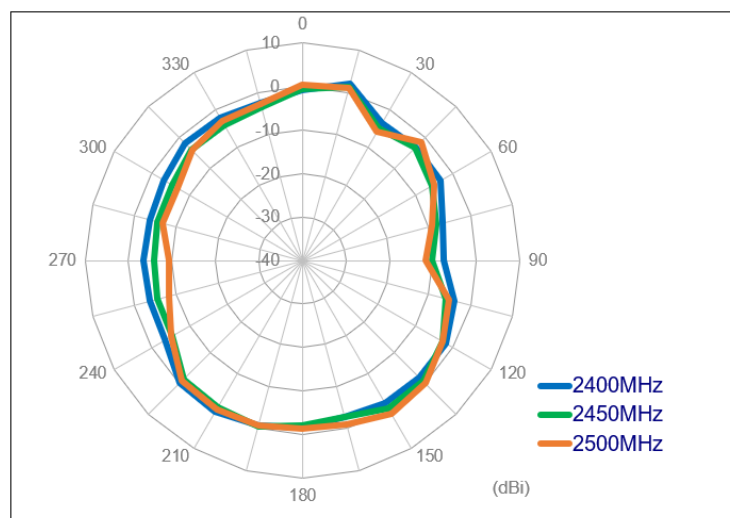


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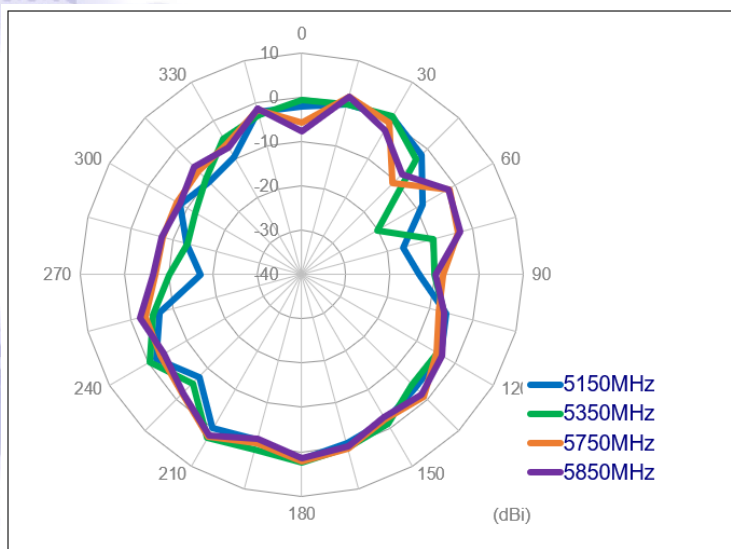
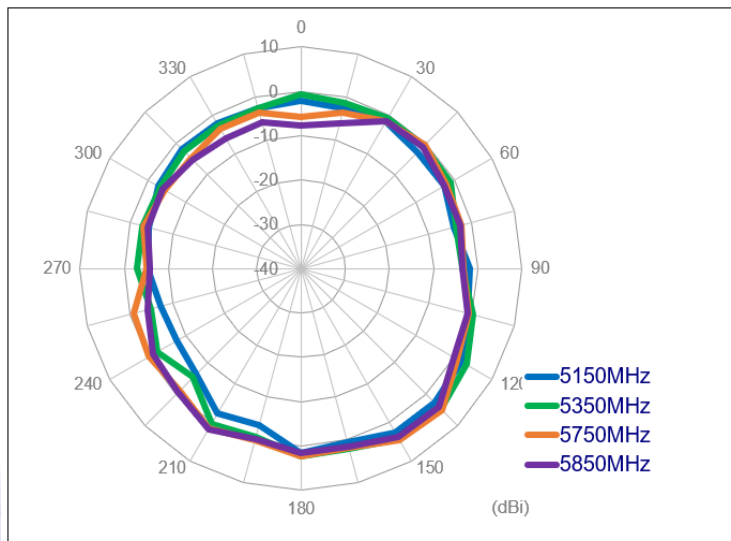
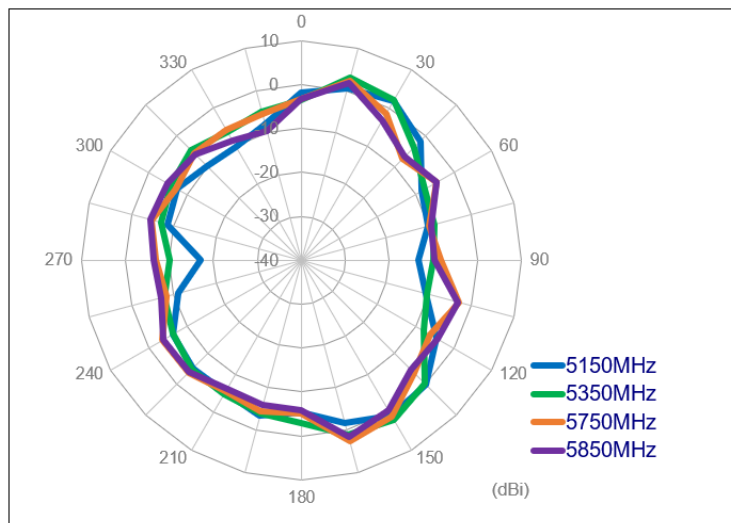
2D Radiation Gain Pattern

2400~2500 MHz



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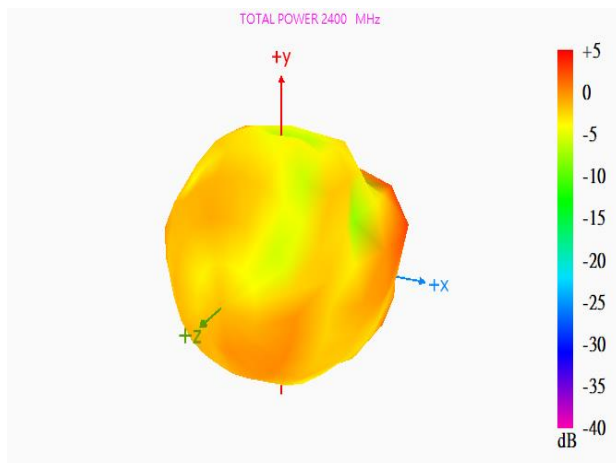
5150~5850 MHz



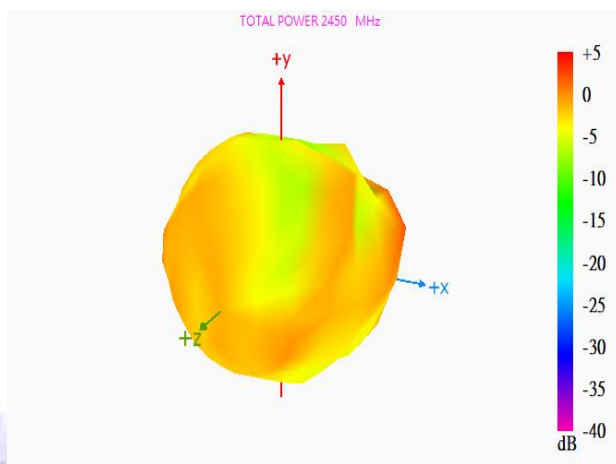
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3D Radiation Gain Pattern

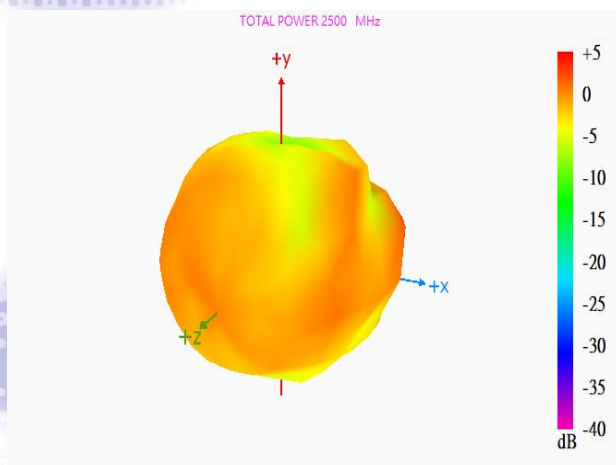
2400 MHz



2450 MHz

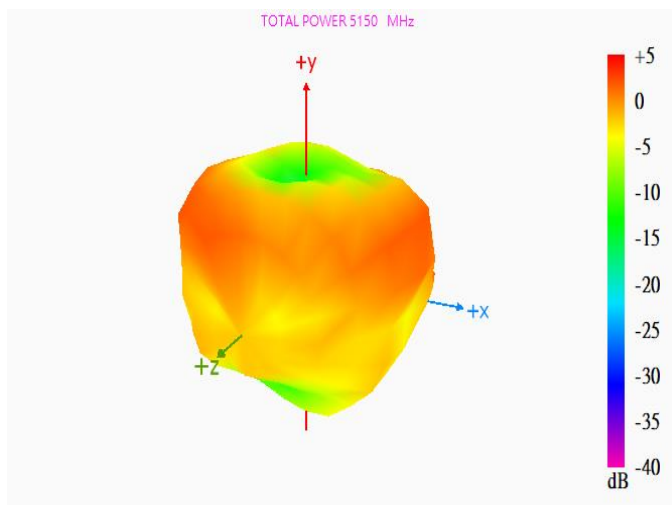


2500 MHz

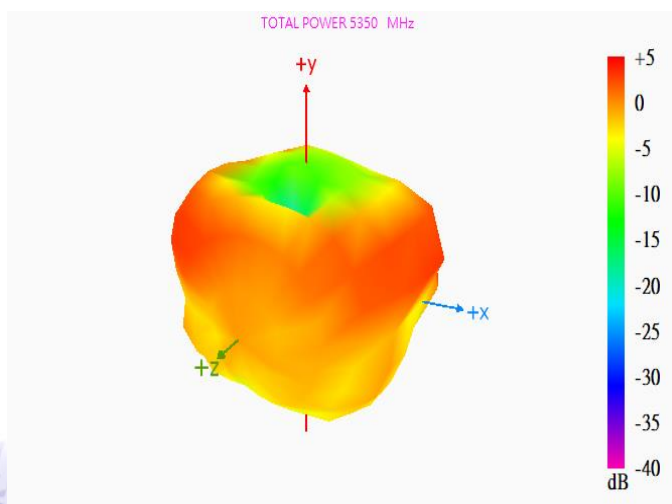


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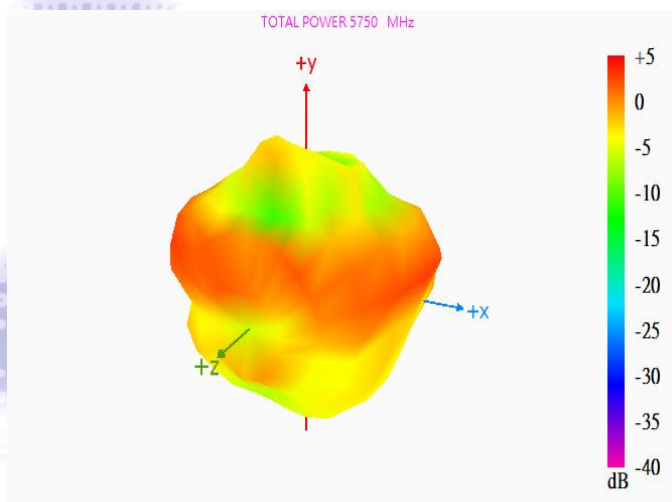
5150 MHz



5350 MHz

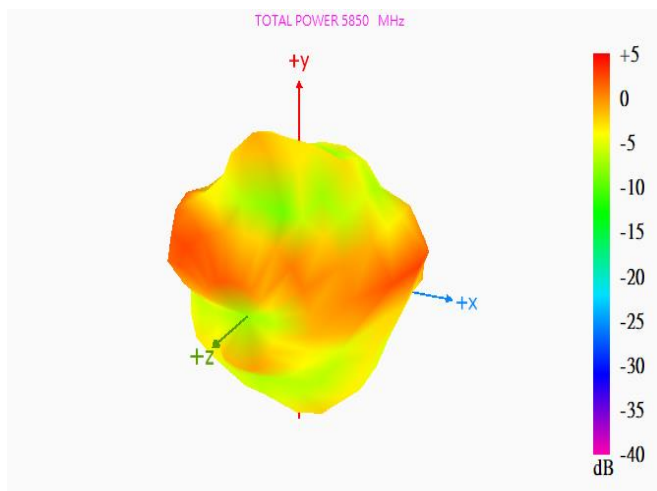


5750 MHz



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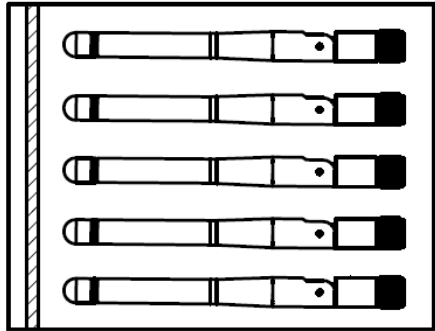
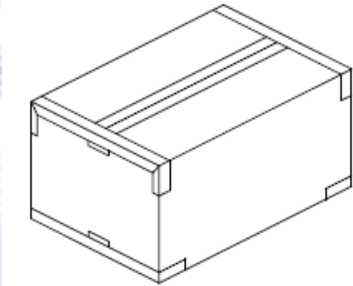
5850 MHz



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V. Packing:

- a) Weight:
Unit Weight: 7.2±1 (g)
- b) Quantity:
Each Big Bag : 25 pcs
Each Outer Box : 2000 pcs

Step	Pictures	Descriptions
1		Put twenty-five antenna into the PE bag.
2		Put eighty PE bags into a carton, and then seal the carton.