CW-NZ-0062

4G Flexible FPC Antenna

Cowin Antenna

Key Features

Frequency: 698-960MHz/1710-2700MHz

IPEX Connector

3M Adhesive

Dimensions 98*14mm

1. Antenna Electrical Characteristics

Band (MHz)		
Frequency (MHz)	698-960MHz	1710-2700MHz
VSWR	2.5:1	2:1
Efficiency (%)	68.43%	61.68%
Peak Gain (dBi)	3.82	3.77
Impendance (Ohm)	50	
Polarisation	Vertical	
Max. Input Power (W)	10	
Connector Type	IPEX	

2. Material and environmental characteristics

Material of PCB	FPC
Material of Plastic	N/A
Cable Type	RF1.13
Connector Type	IPEX
Dimensions (mm)	98*14MM
Antenna color	Black
Operation Temperature	-40 to +80
Storage Temperature	-40 to +80
Antenna Storage life(year)	10
Substance Compliance	ROHS

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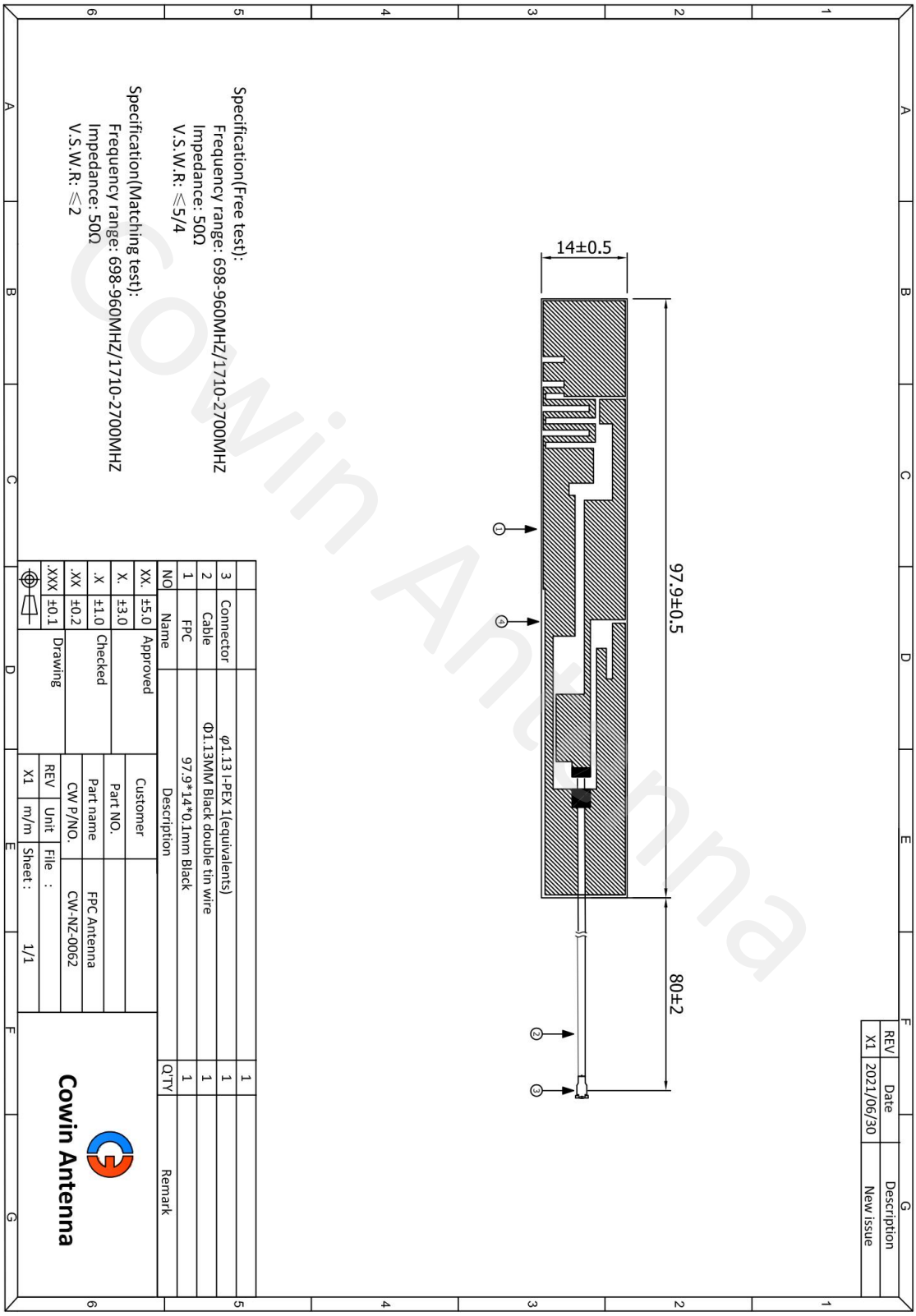

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4. Antenna test parameters

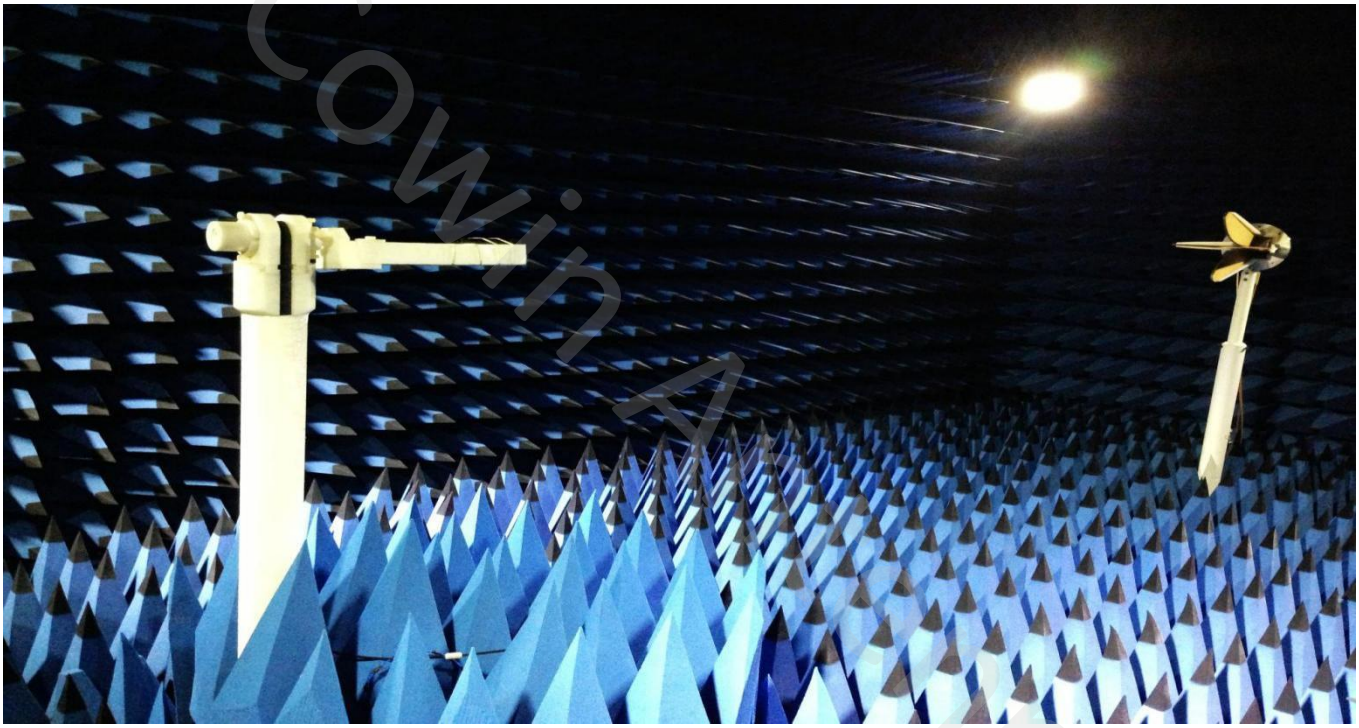
Antenna Measurement Conditions:

Mounted on Ground Plane of 280 x 80 mm

Measured in Certified 3D Anechoic Chamber

The network analyzer is Agilent 5071c

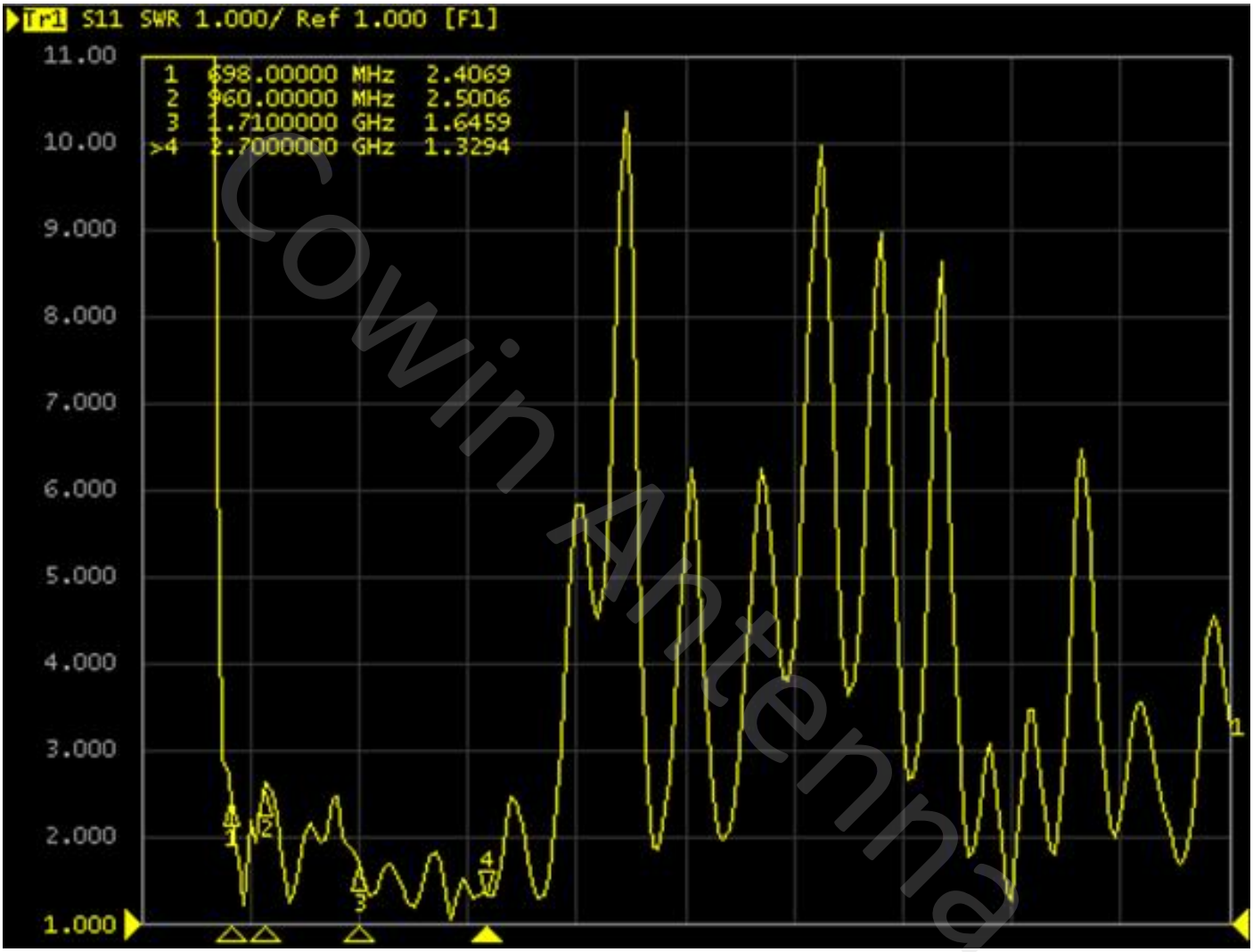
The comprehensive tester is Agilent cmv500







4.1 VSWR



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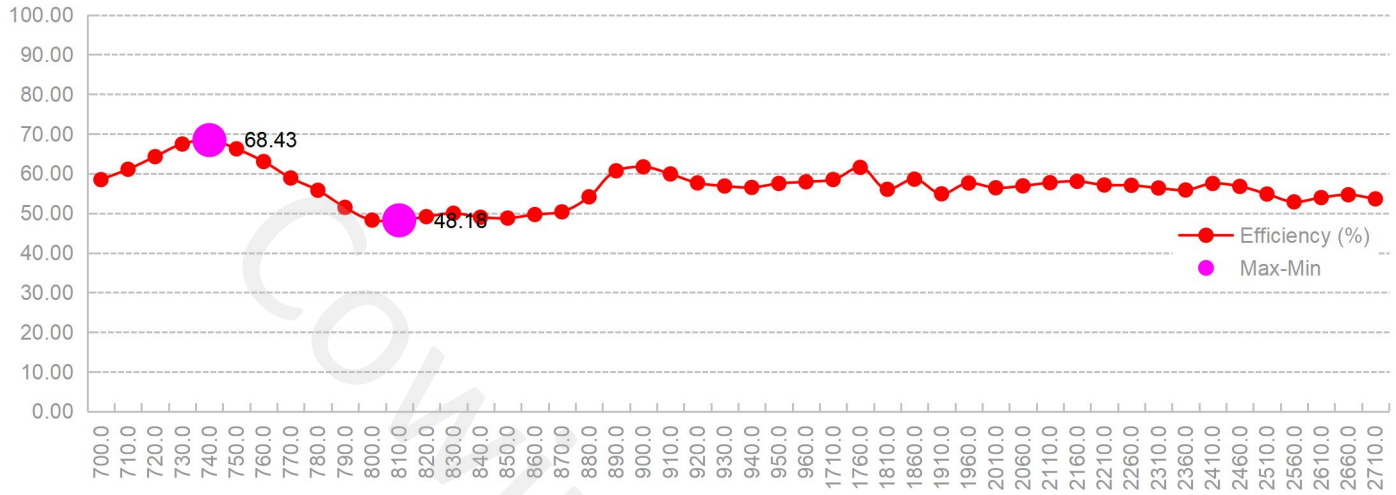
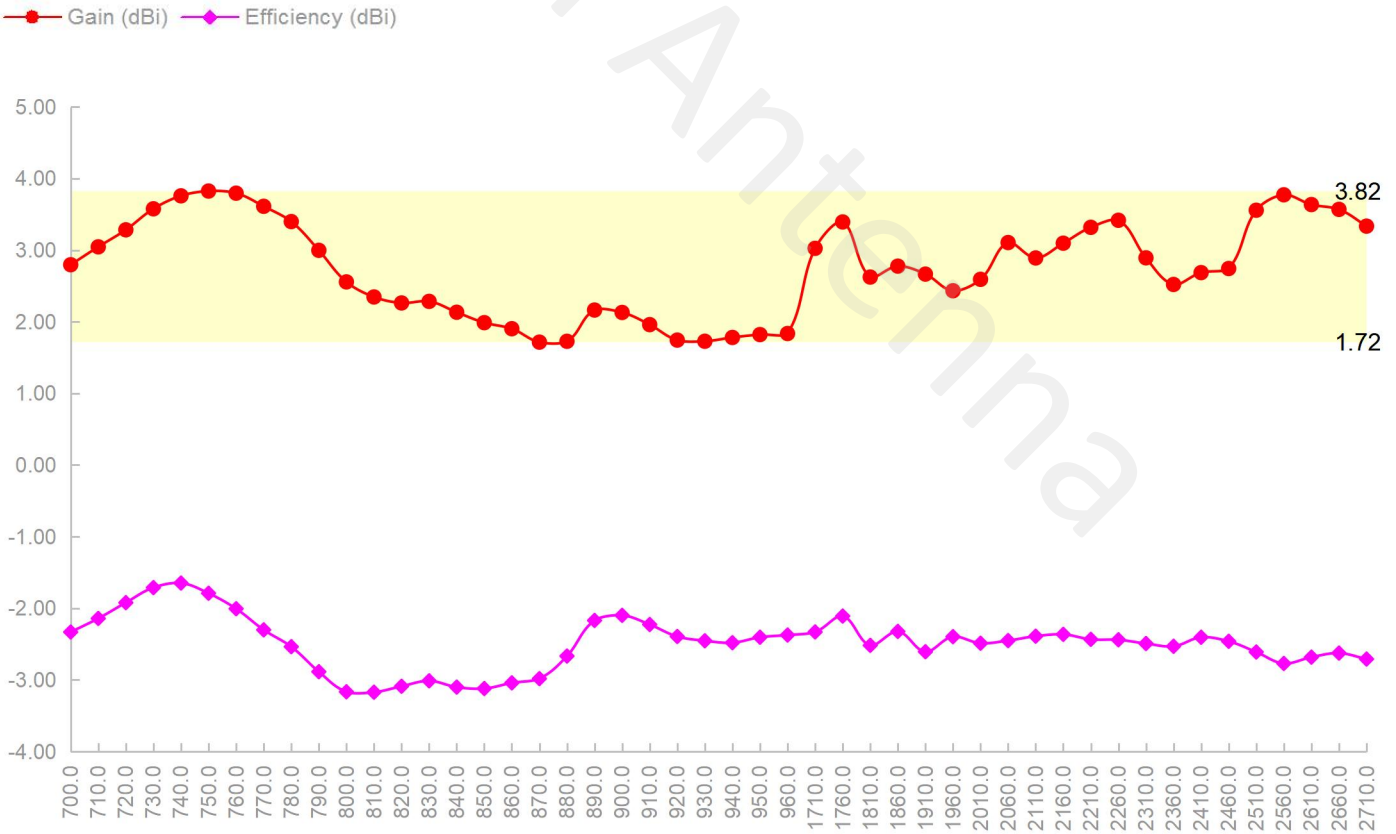
4.2 Efficiency



4.3 Peak gain



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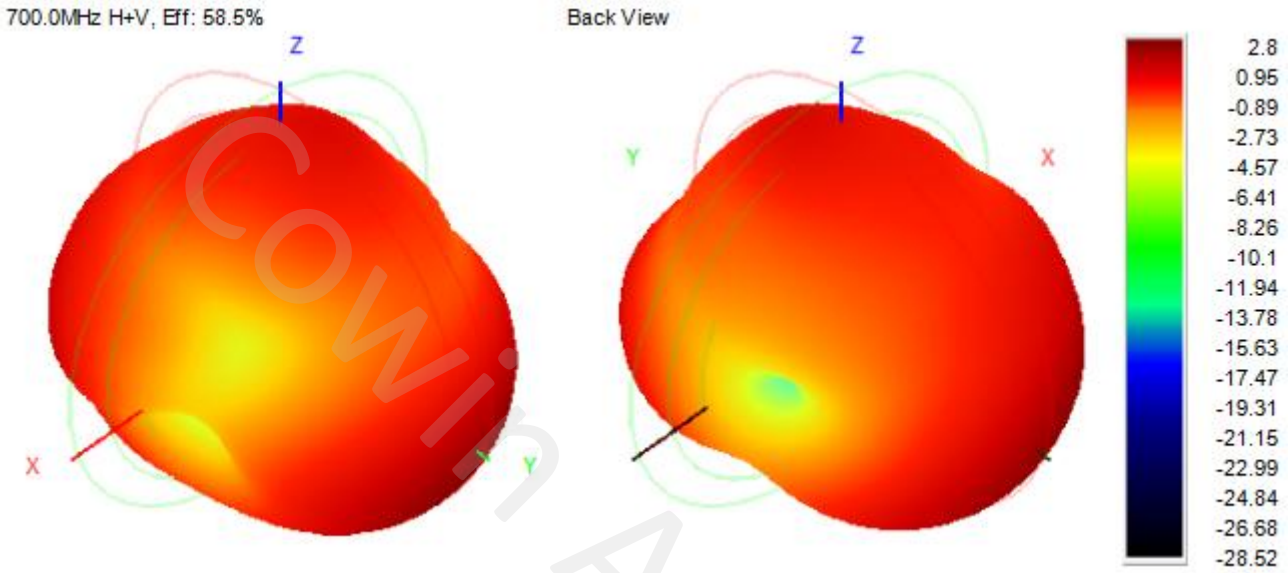
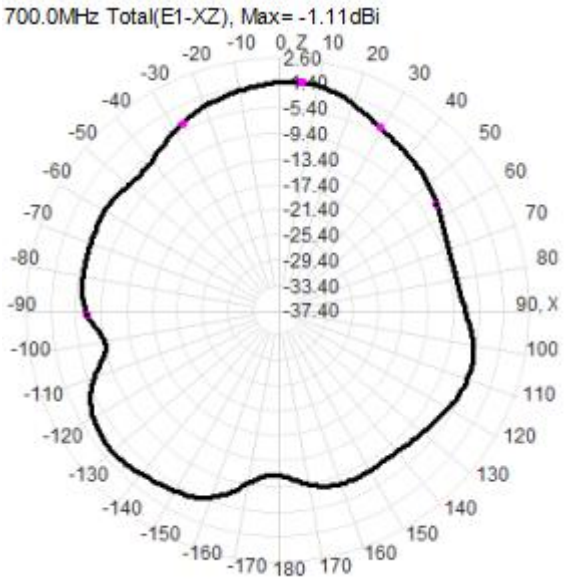
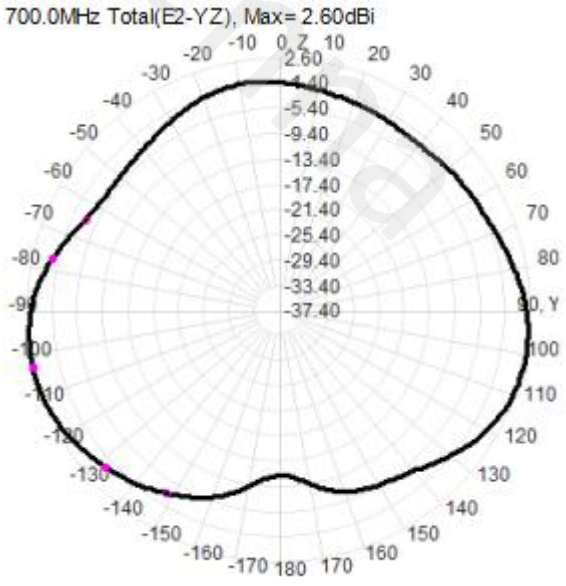
4.4 3D&2D Radiation Patterns







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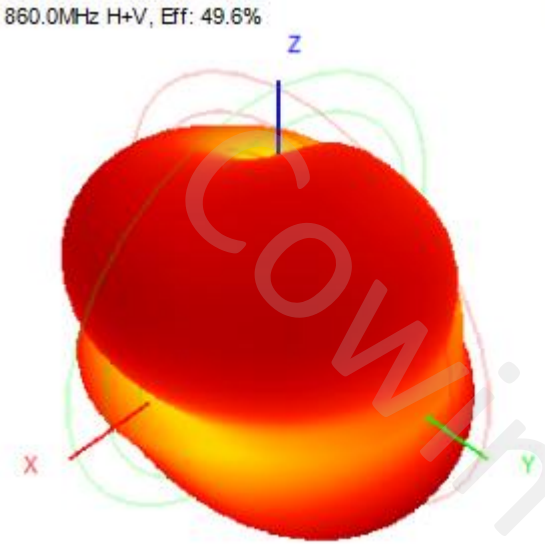

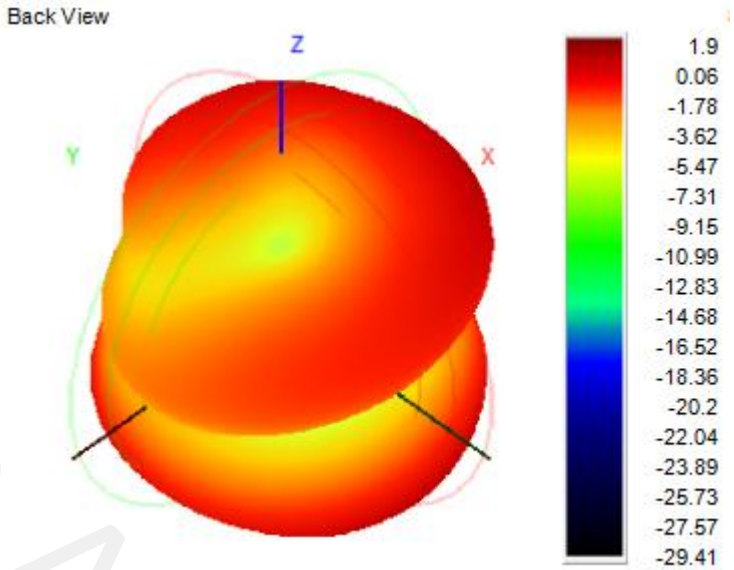

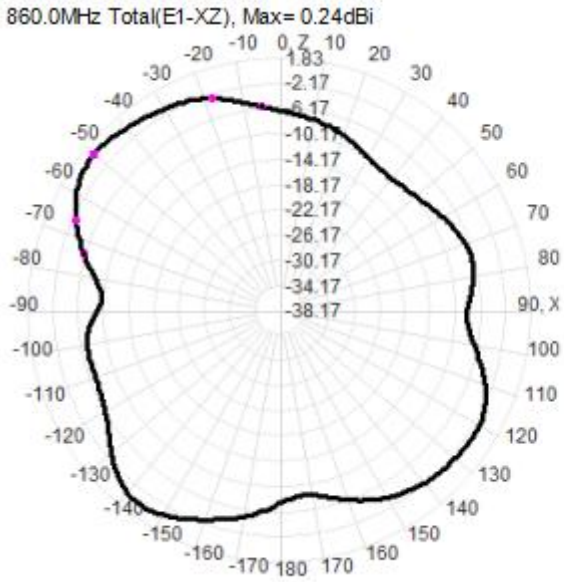

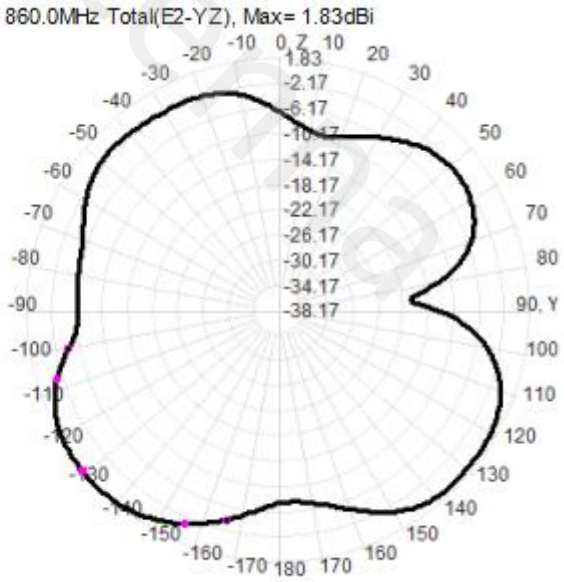

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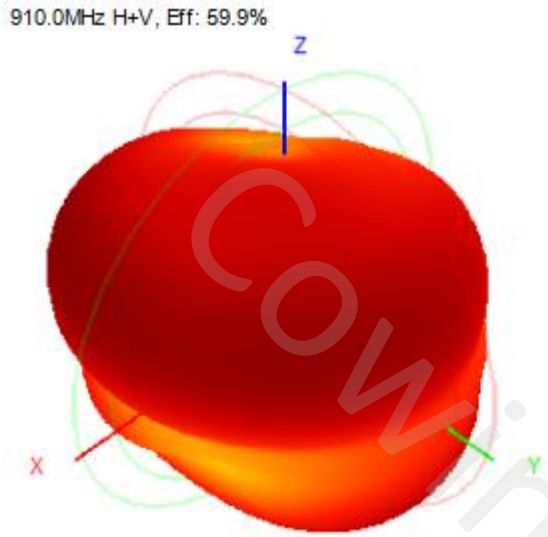

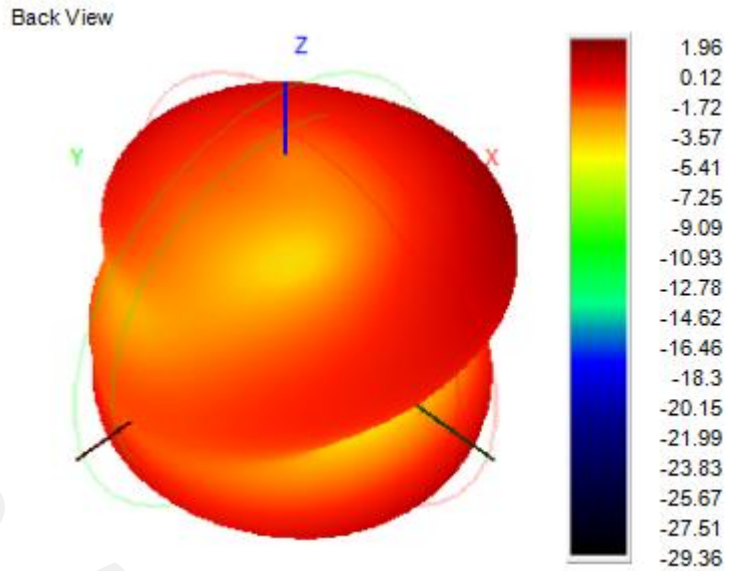

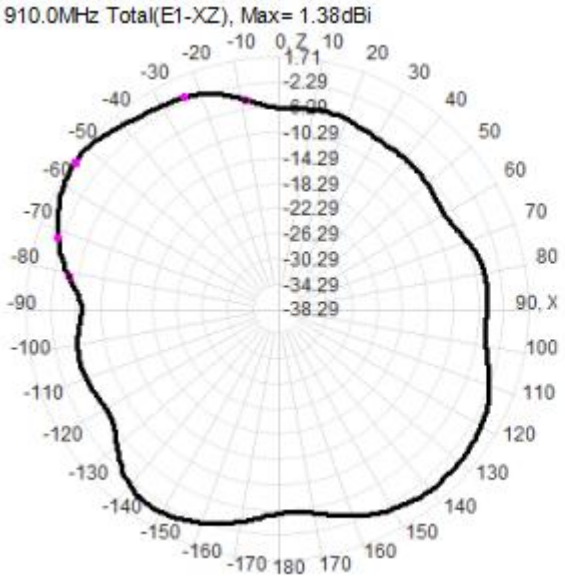

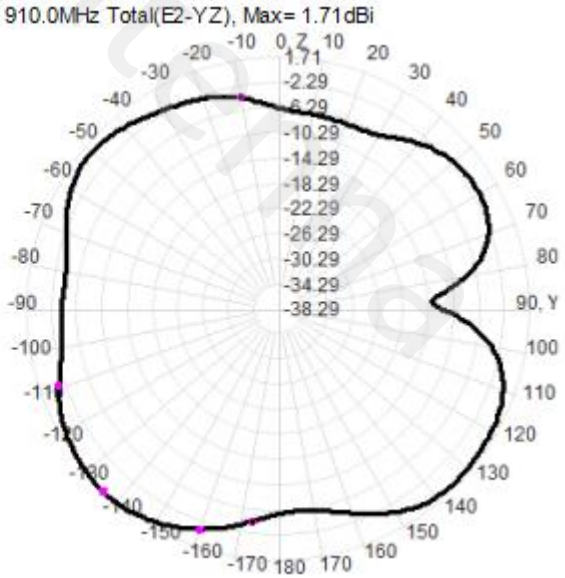

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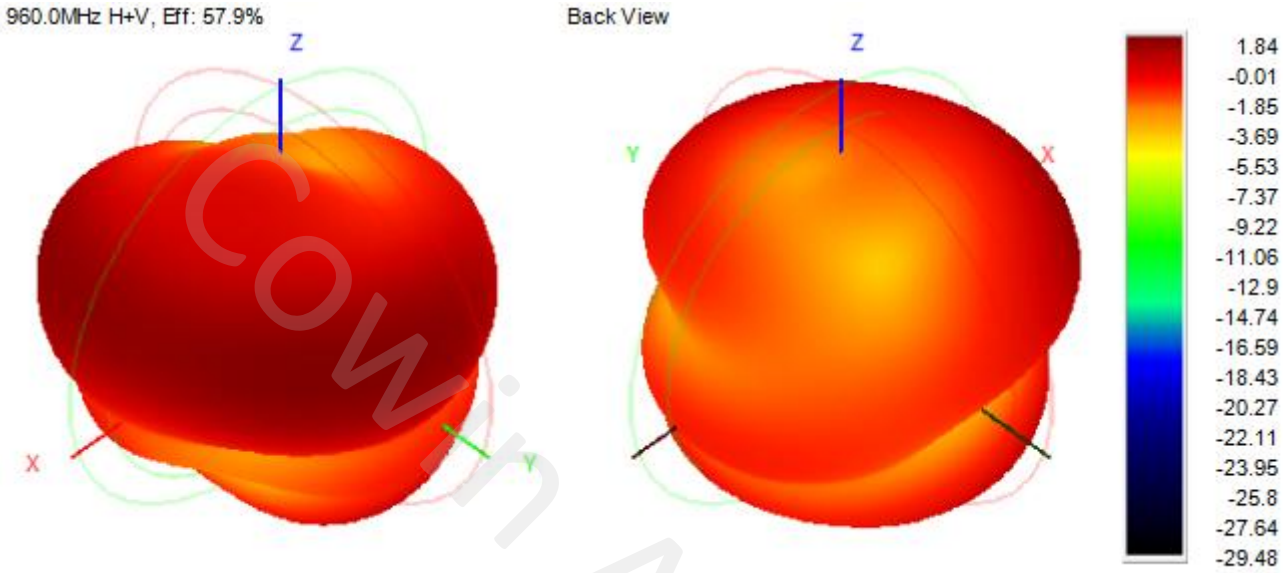

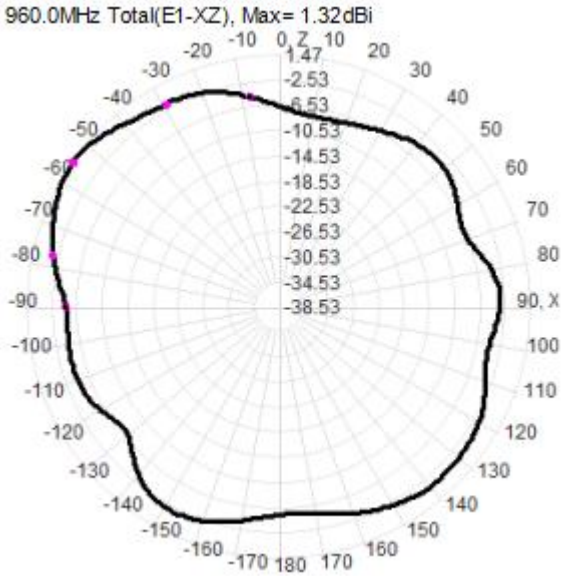

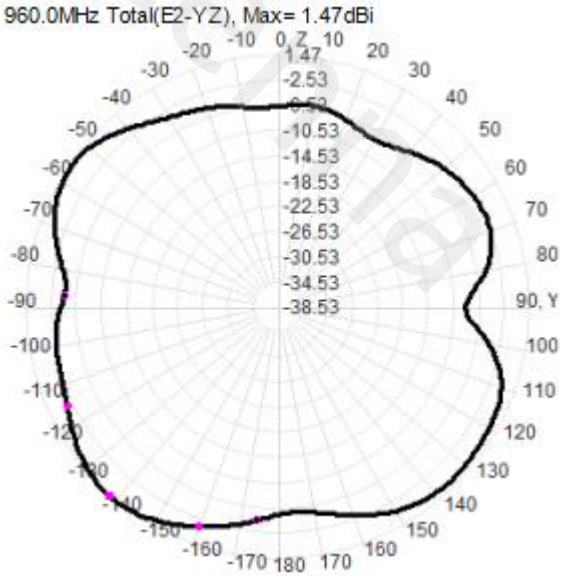

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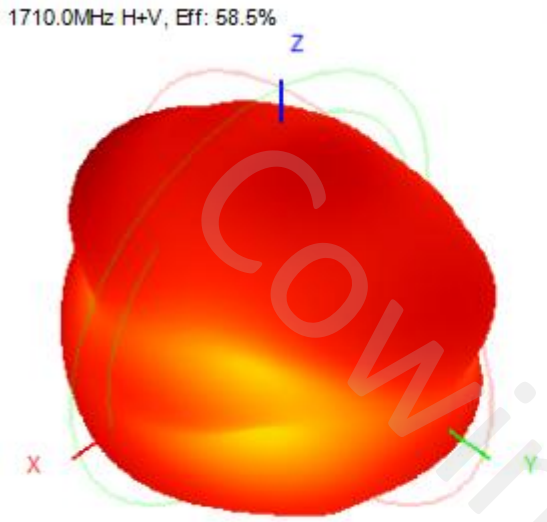

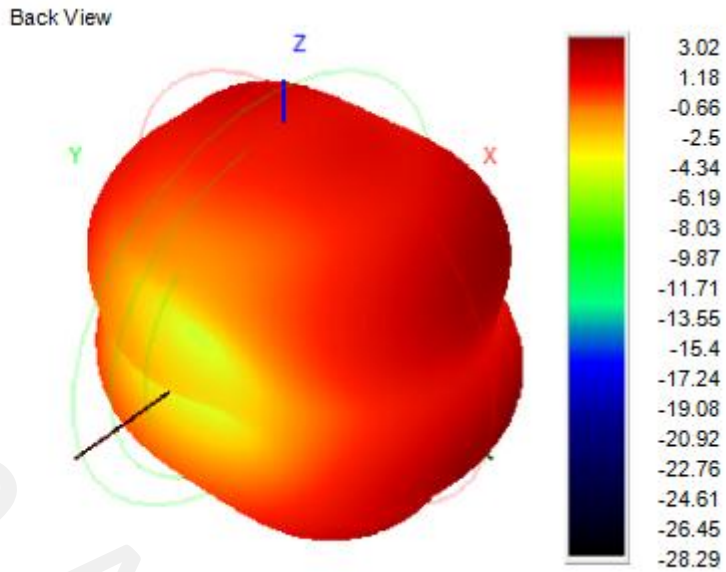

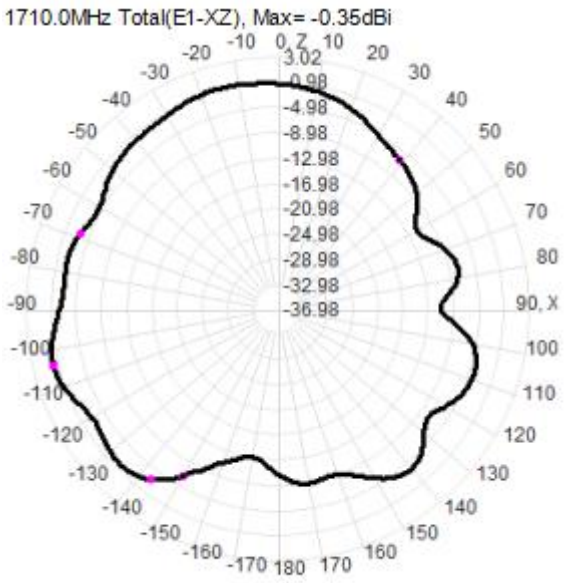

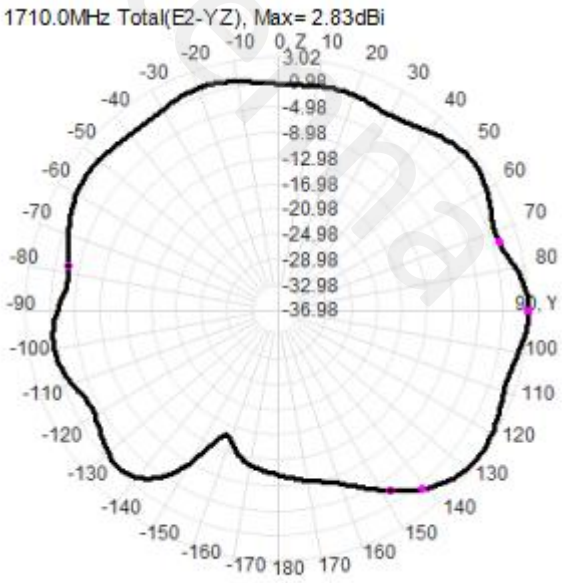

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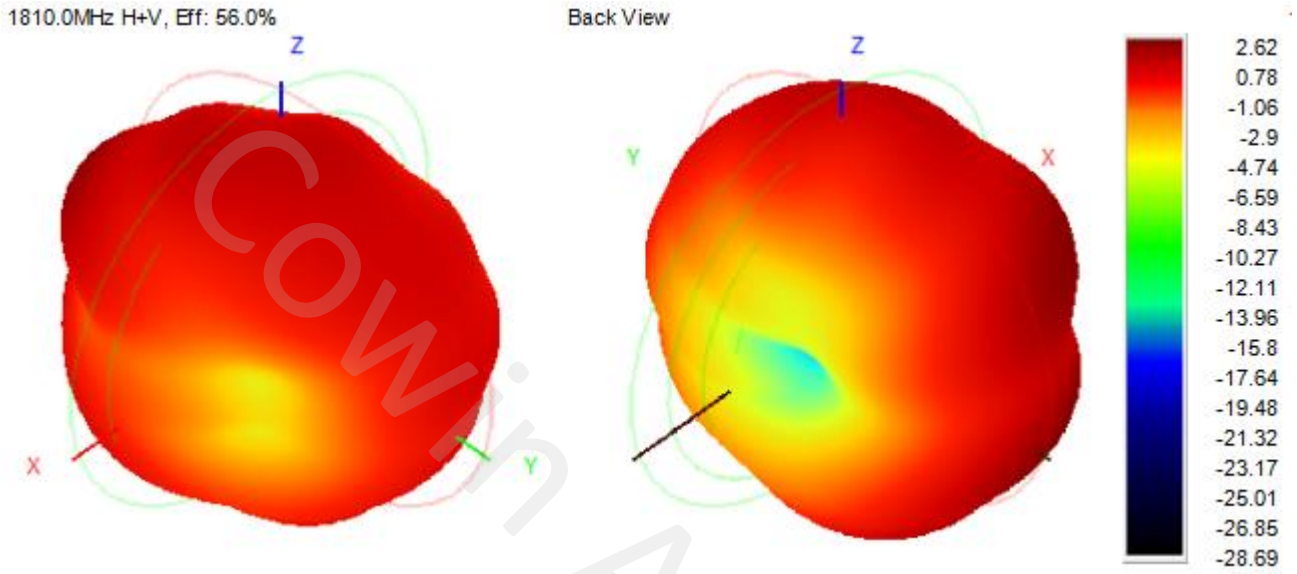

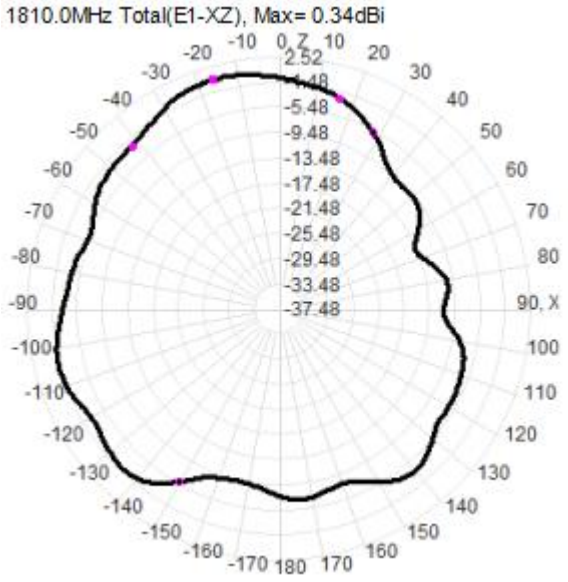

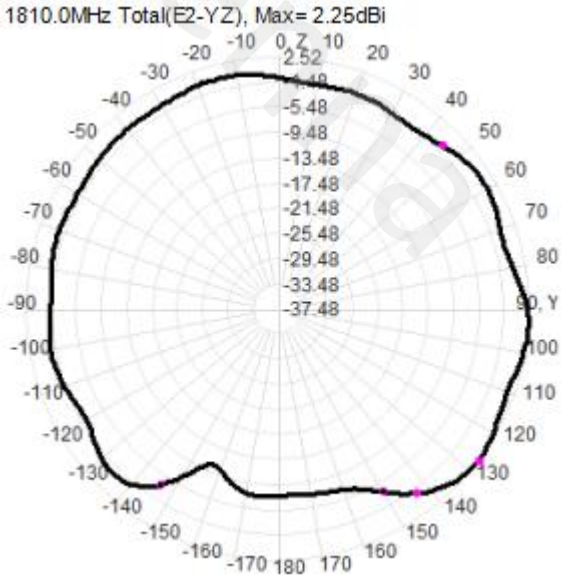

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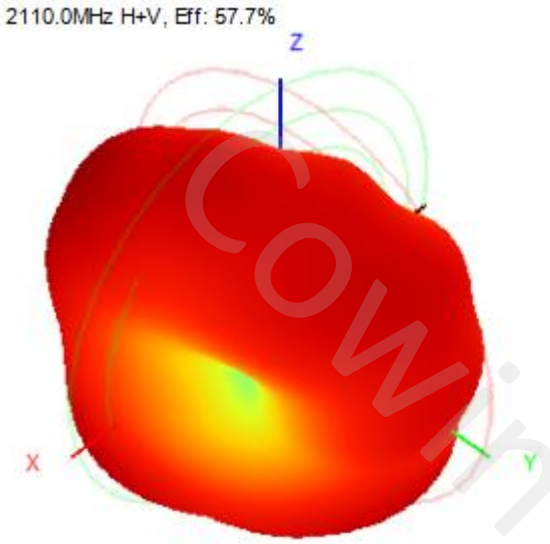

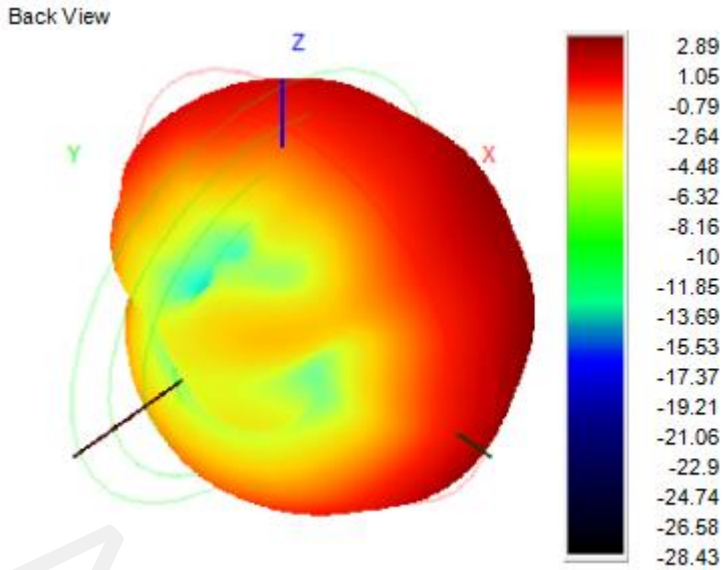

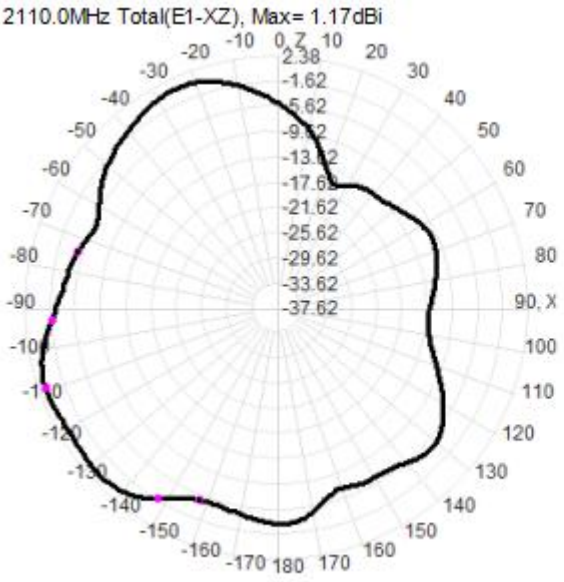

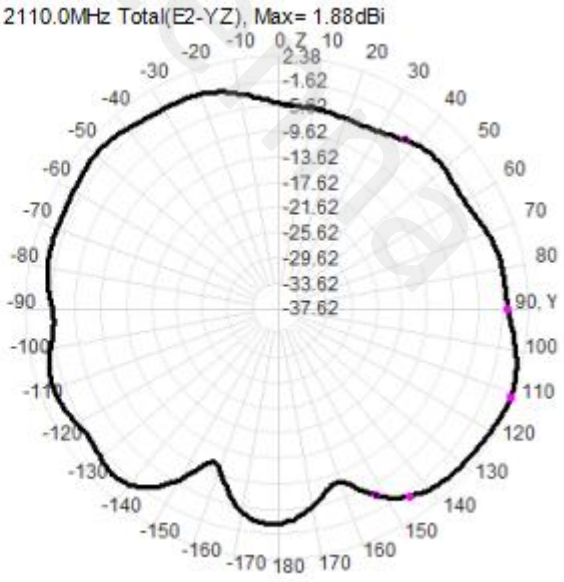

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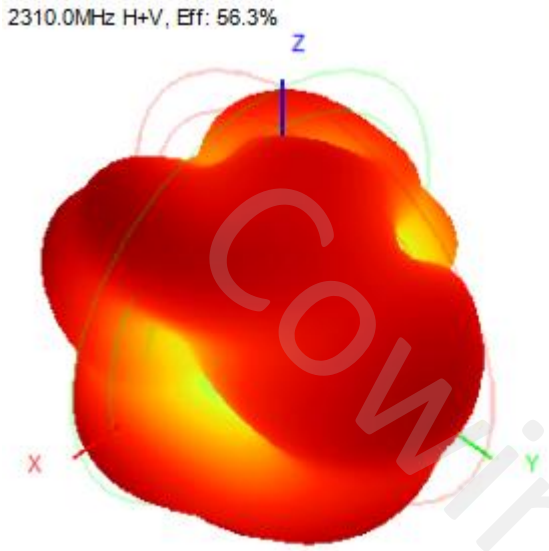

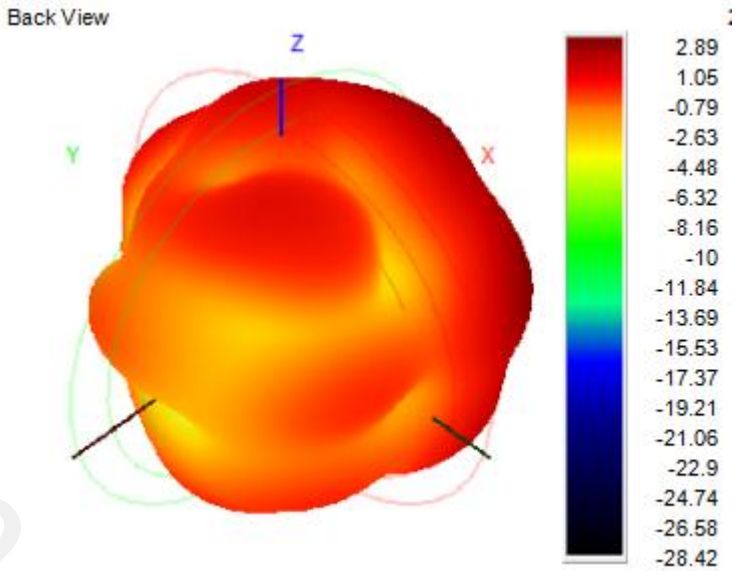

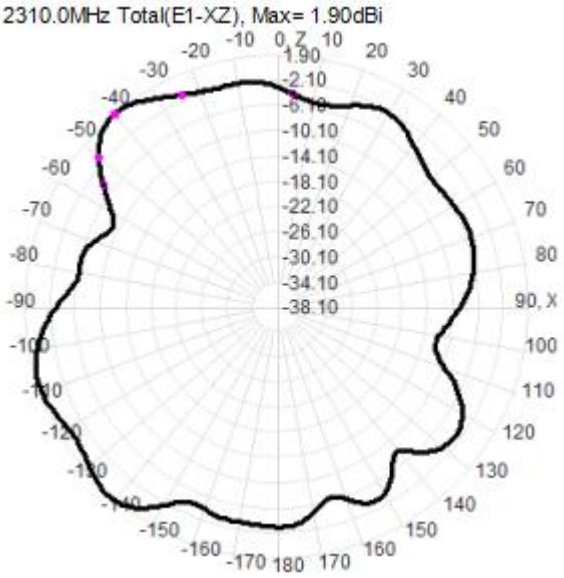

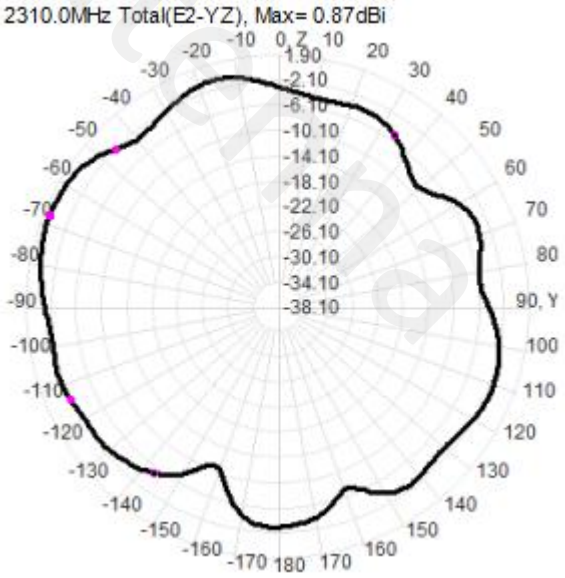

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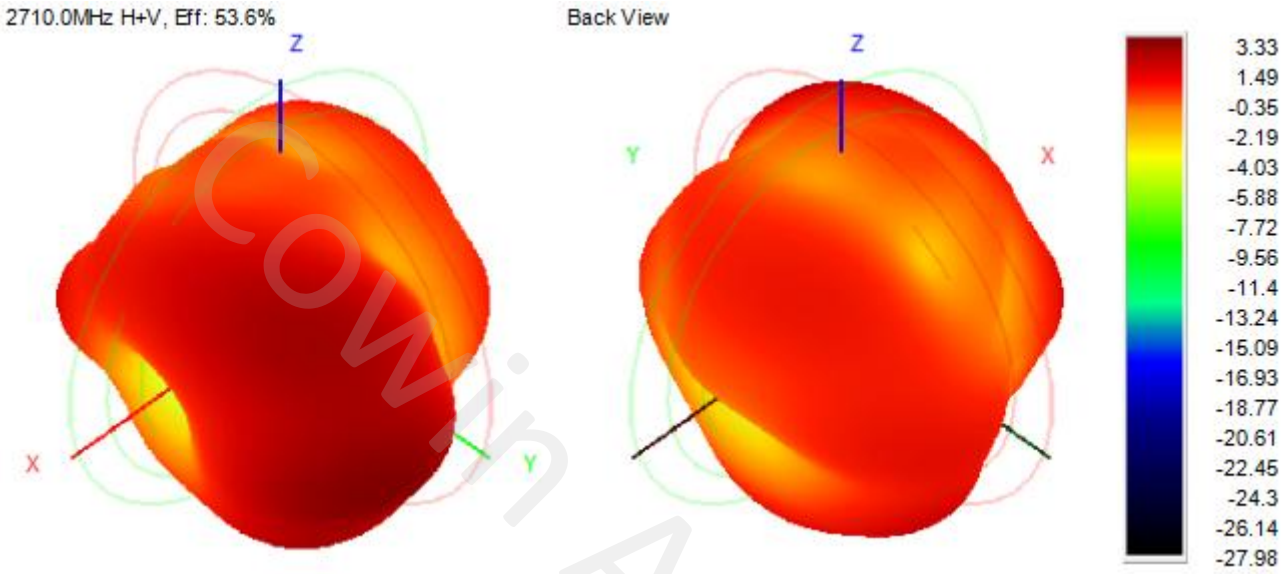

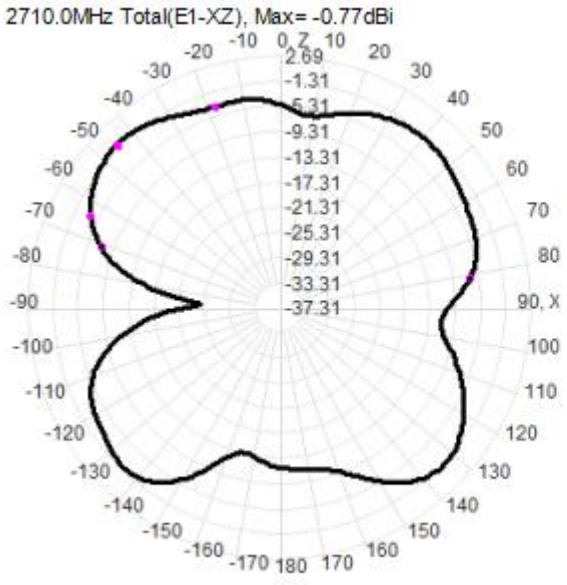

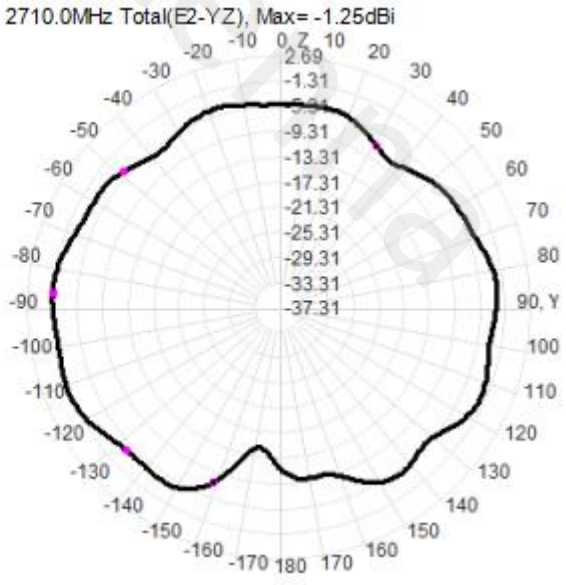

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