



深圳市博格斯通信技术有限公司

shenzhen bogesi communication technology co.,ltd

Use range:

Applicable to Shenzhen Fibocom Wireless Co., Ltd. 5G antenna solution.

Electrical Specifications:

Electrical Specifications	700-1000MHz;1400-6000MHz	Material	ABS
input resistance	50 Ω	Plastic material	Rubber cap:ABS
Standing wave ratio	≤3.0		Adapter 1: ABS
Polarization mode	Linear polarization		Adapter 2:ABS
Operating temperature	- 40 °C ~ + 65 °C	RF cable specifications	RG-178
Storage temperature	- 40 °C ~ + 80 °C	Connector specifications	SMA Male J
Connector torque test	200 ~ 1000 g.cm	Joint tension test	SMA≥3 Kg
Gain	700-1000MHz:4.5dBi	Connector torque test	200 ~ 1000 g.cm
	1400-1690MHz:4.5dBi		
	1700-2090MHz:4.5dBi		
	2100-2690MHz:4.5dBi		
	3350-3570MHz:2.56dBi		
	3580-3990MHz:-0.13dBi		
	4000-4990MHz:2.95dBi		
	5000-5490MHz:4.49dBi		
	5500-6000MHz:3.32dBi		

Test conditions and methods:

Test conditions and instruments	Test Methods	Test Results
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Test data:

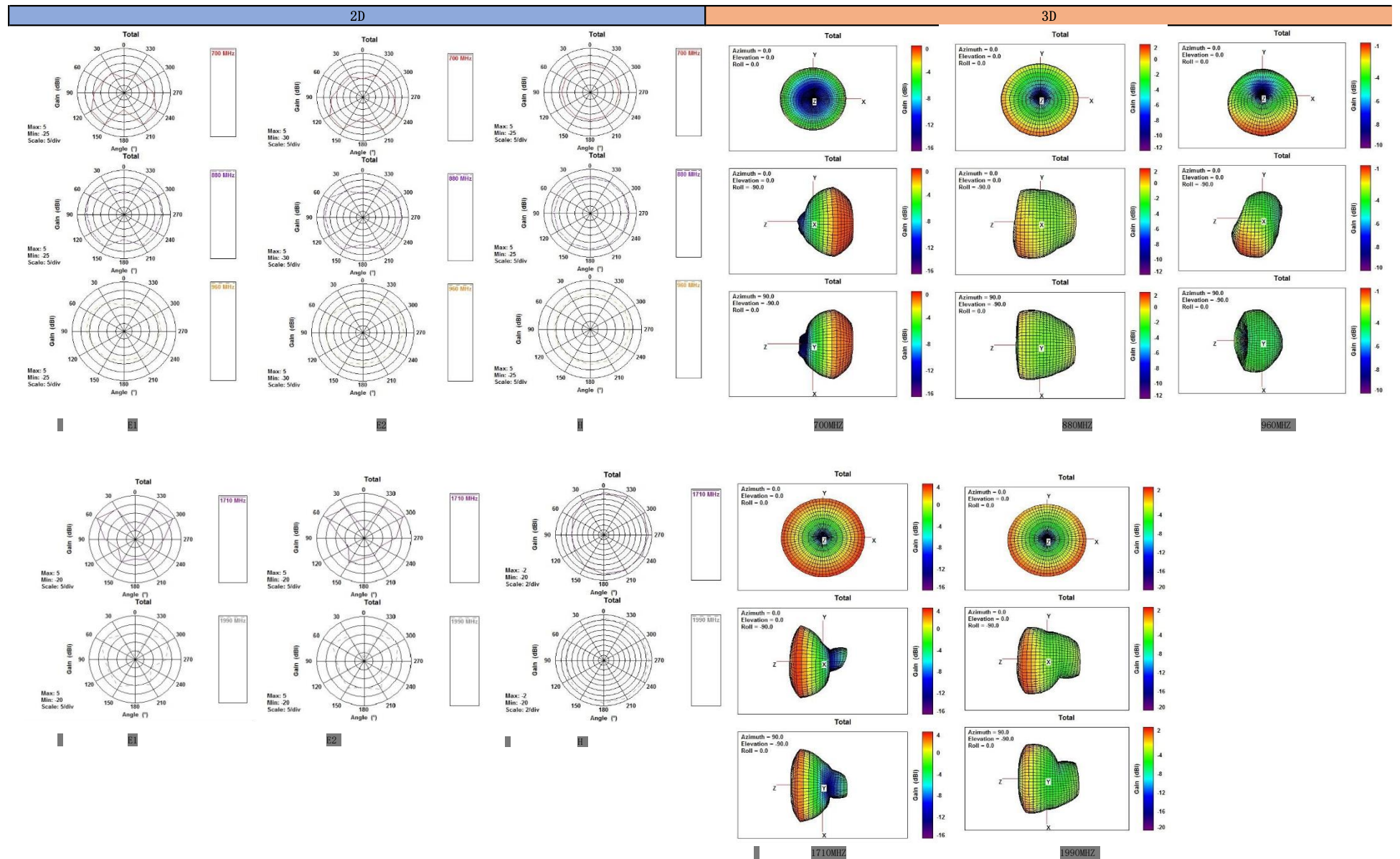
	Band	Peak Gain(dBi)
BGS-036(700-1000)_30du	Band 1	4.5
	Band 3	4.5
	Band 5	4.5
	Band 7	4.5
	Band 8	4.5

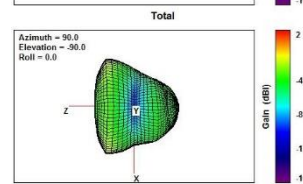
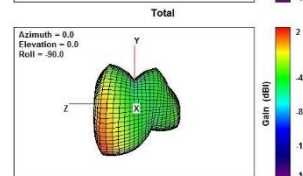
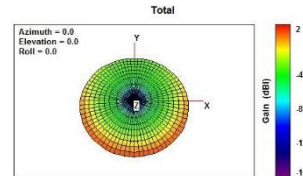
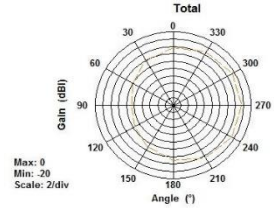
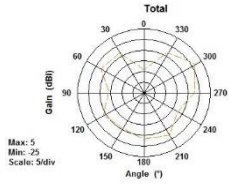
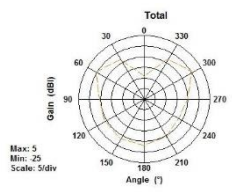


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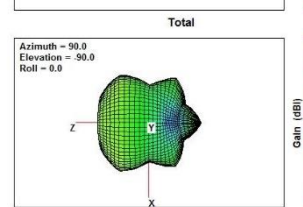
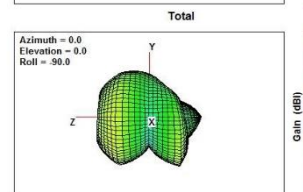
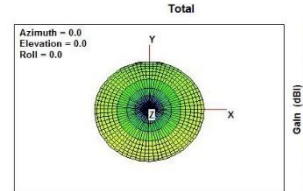
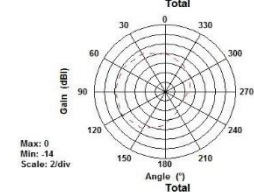
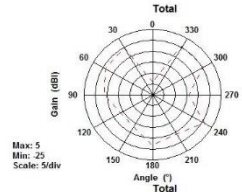
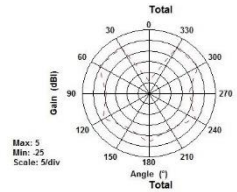
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Direction map:

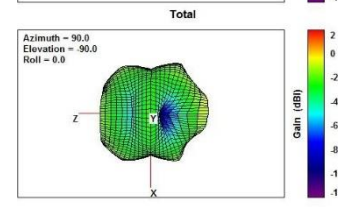
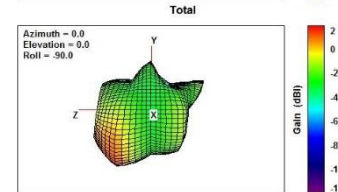
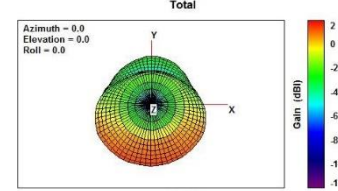




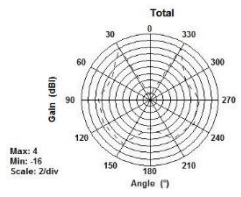
2170MHz



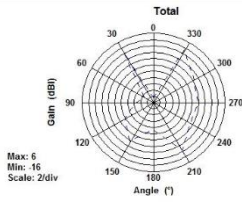
2690MHz



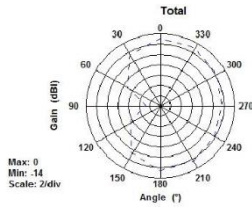
3350MHz



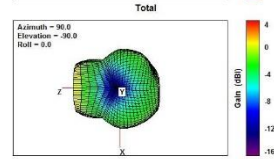
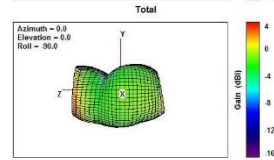
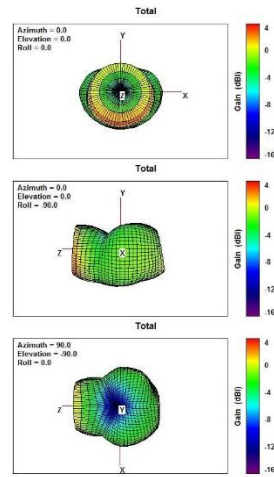
3600 MHz



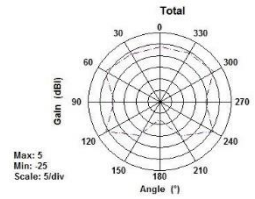
3600 MHz



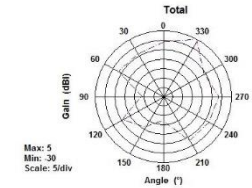
3600 MHz



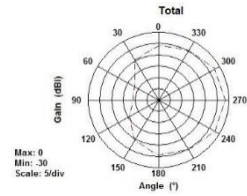
3600MLIZ



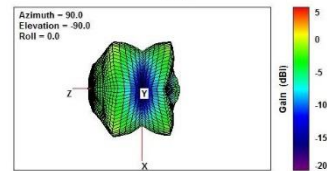
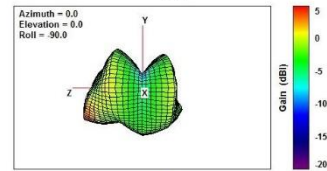
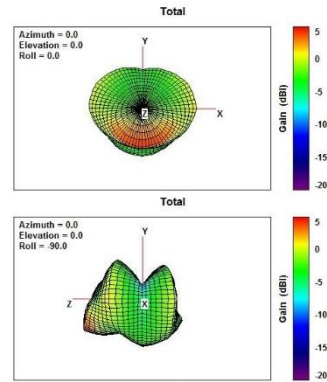
5370 MHz



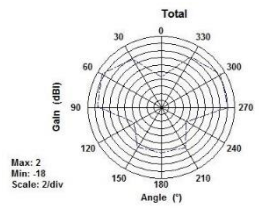
5370 MHz



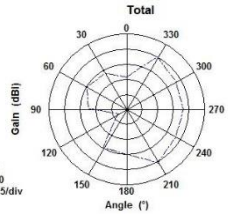
5370 MHz



5370MLIZ



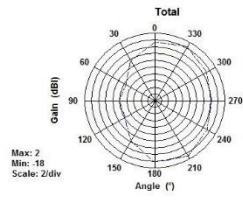
6000 MHz



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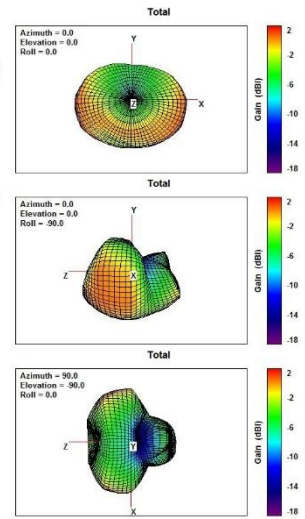
6000 MHz



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6000 MHz



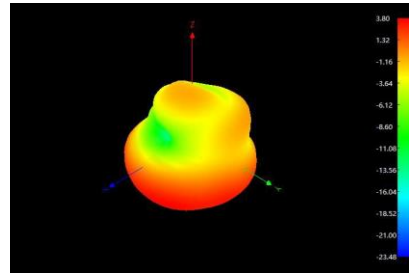
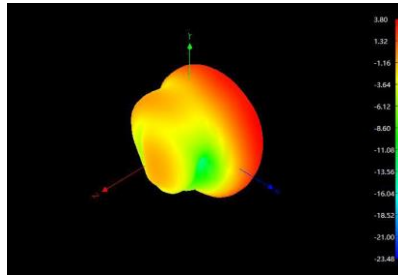
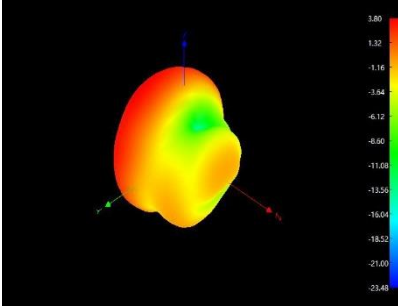
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6000MHz

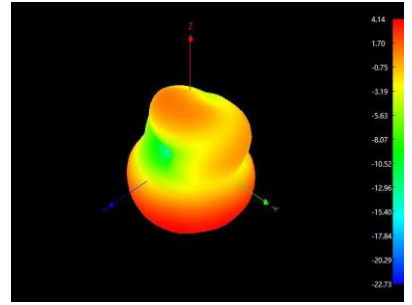
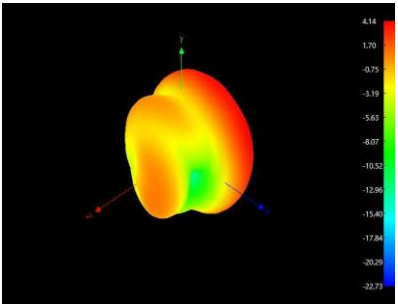
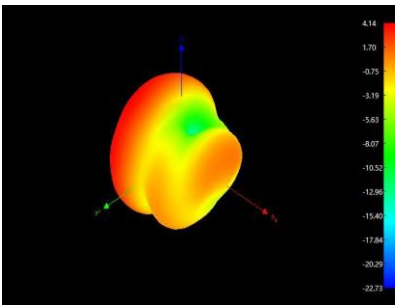


Direction map:

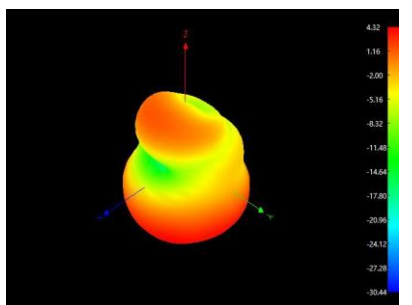
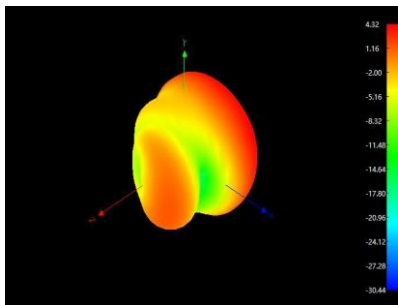
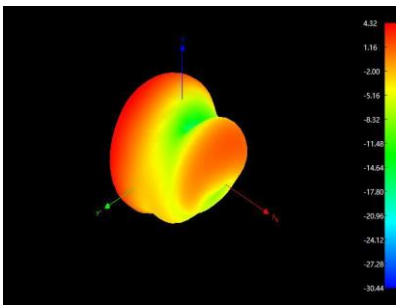
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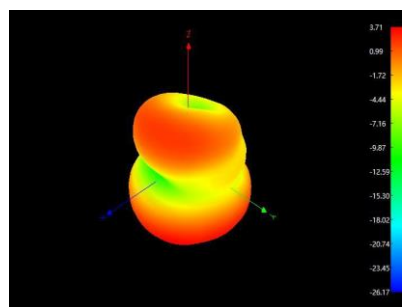
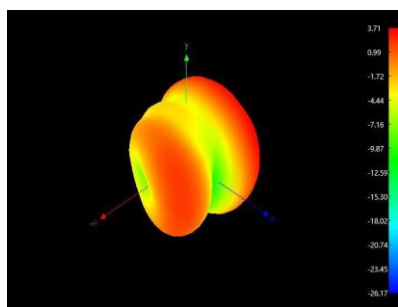
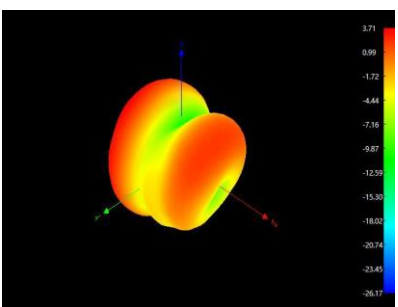
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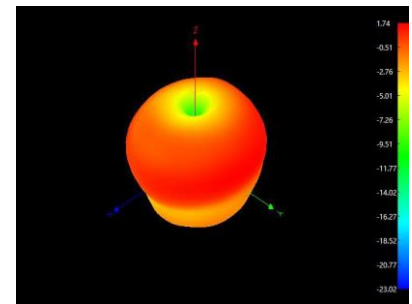
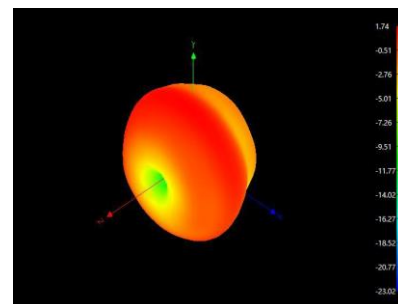
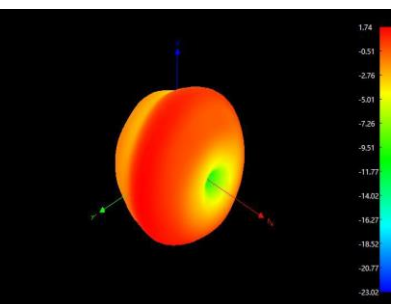
800



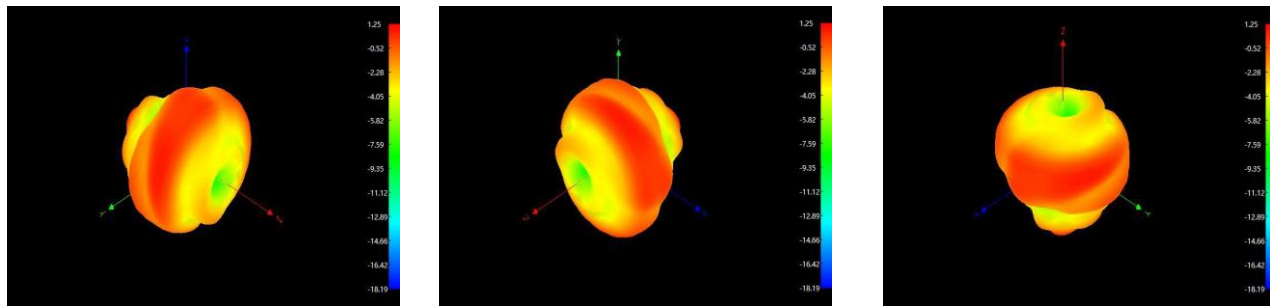
850



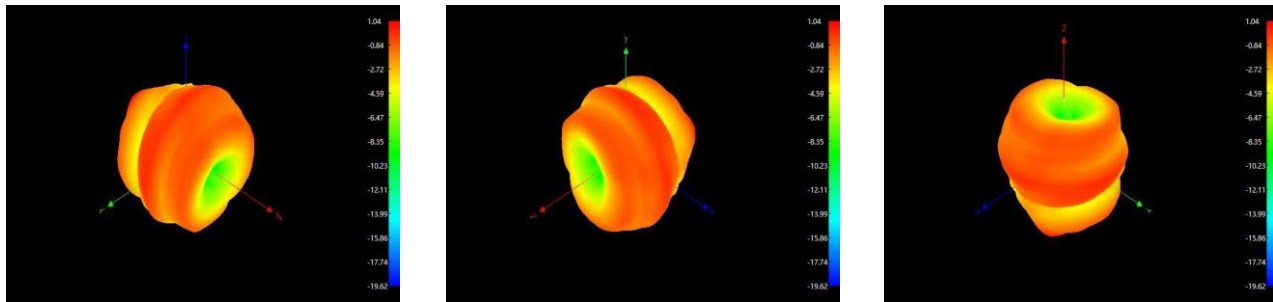
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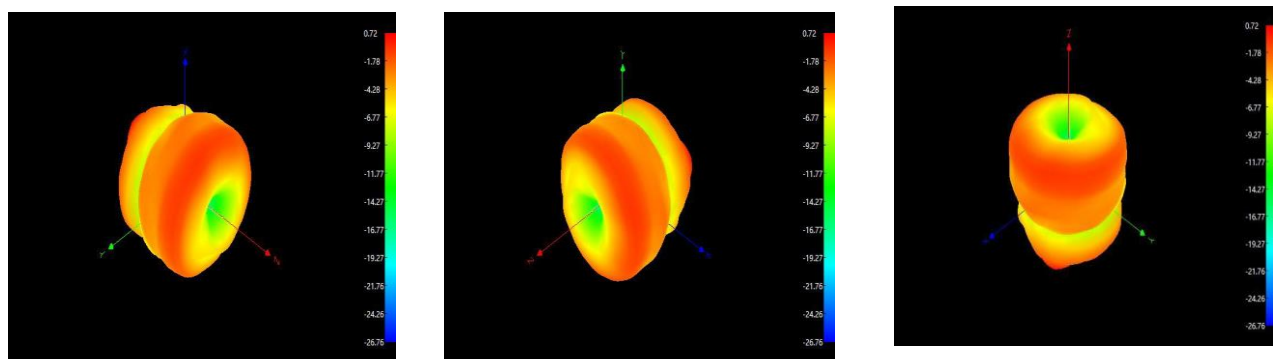
2170



2400

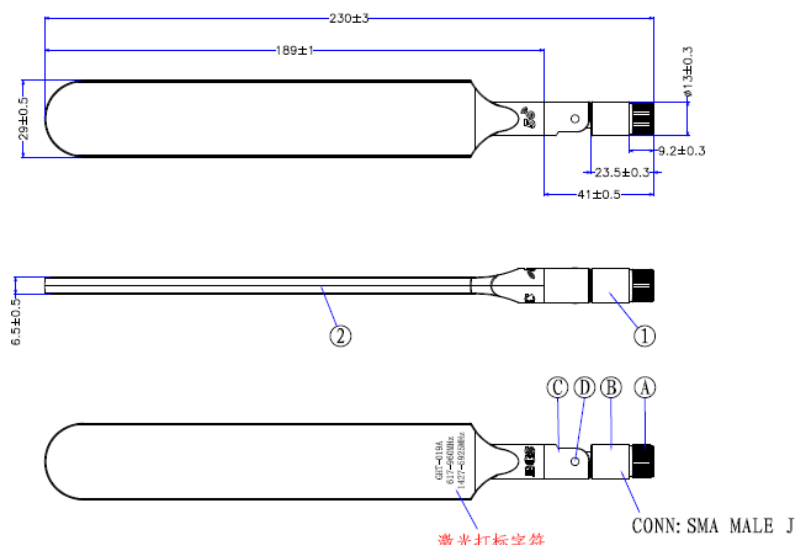


2500



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Antenna Dimension-mm



Sample Pictures:





Antenna packaging instructions

1. Outer packaging: carton packaging

Front view:



side view:



2. Inner packaging (1PCS/PE ziplock bag, 50PCS/bag, the size of the bag depends on the product size)

