



SPECIFICATION

APPLICATION FOR APPROVAL

CUSTOMER : SUNSEA IOT
CS P/N : SX0272000053
PART NAME : WiFi Antenna 2.4G&5.8G
DEVE NO. : AUK02016B-2.4G&5.8G
PART NO. : B92240-90
DATE : Sep 7, 2021

Customer Approval			
RF Engineer	ME Engineer	R&D Manger	PRODUCT Manger
AUDEN COMMUNICATIONS&MULTIMEDIA TECHNO (KUNSHAN) CO. LTD			
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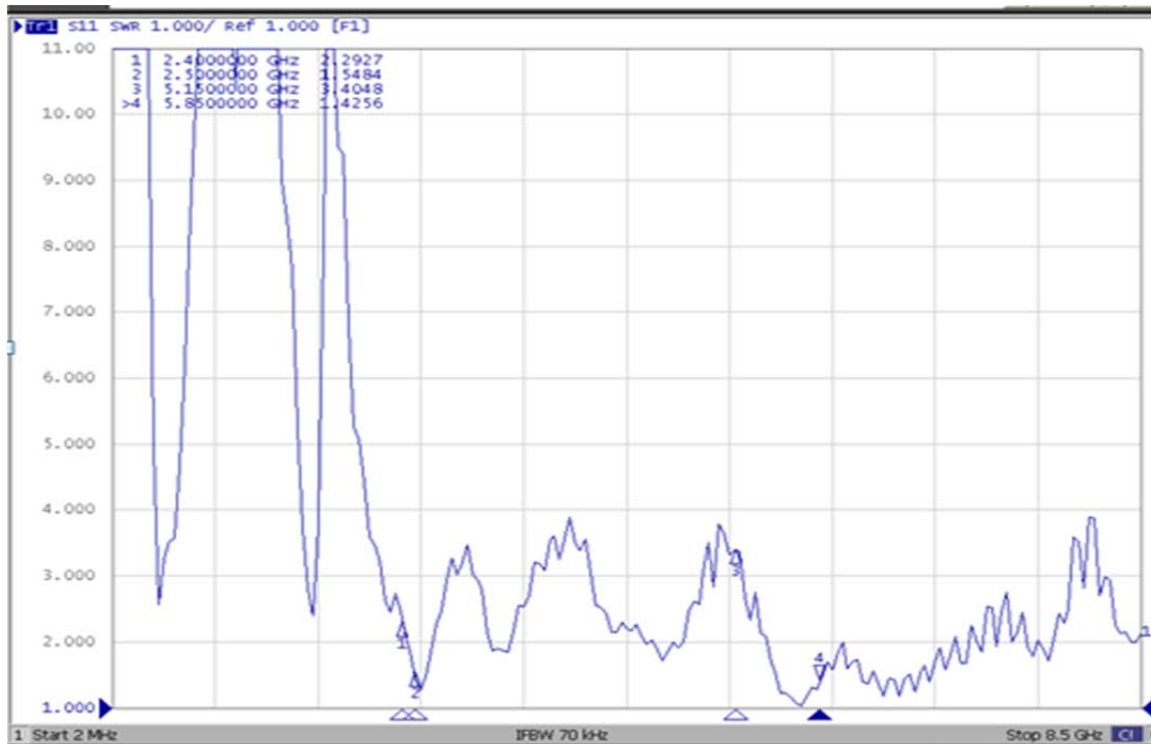
The Basic Parameters

Item	Specifications
Structure	Rubber Stick-SMA-J
Frequency	2400-2500MHz & 5000-5865MHz
V. S. W. R	≤ 2.0
Gain	≤ 5.0
Size	207 $\pm$ 3mm*13.5mm
Impedance	50 Ω
connector	SMA-J
Operation temperature	-40°C to 85°C
Storage temperature	-40°C to 85°C
Humidity	Non-condensing 65°C 95% RH
Product picture	

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RF Performance Test Report



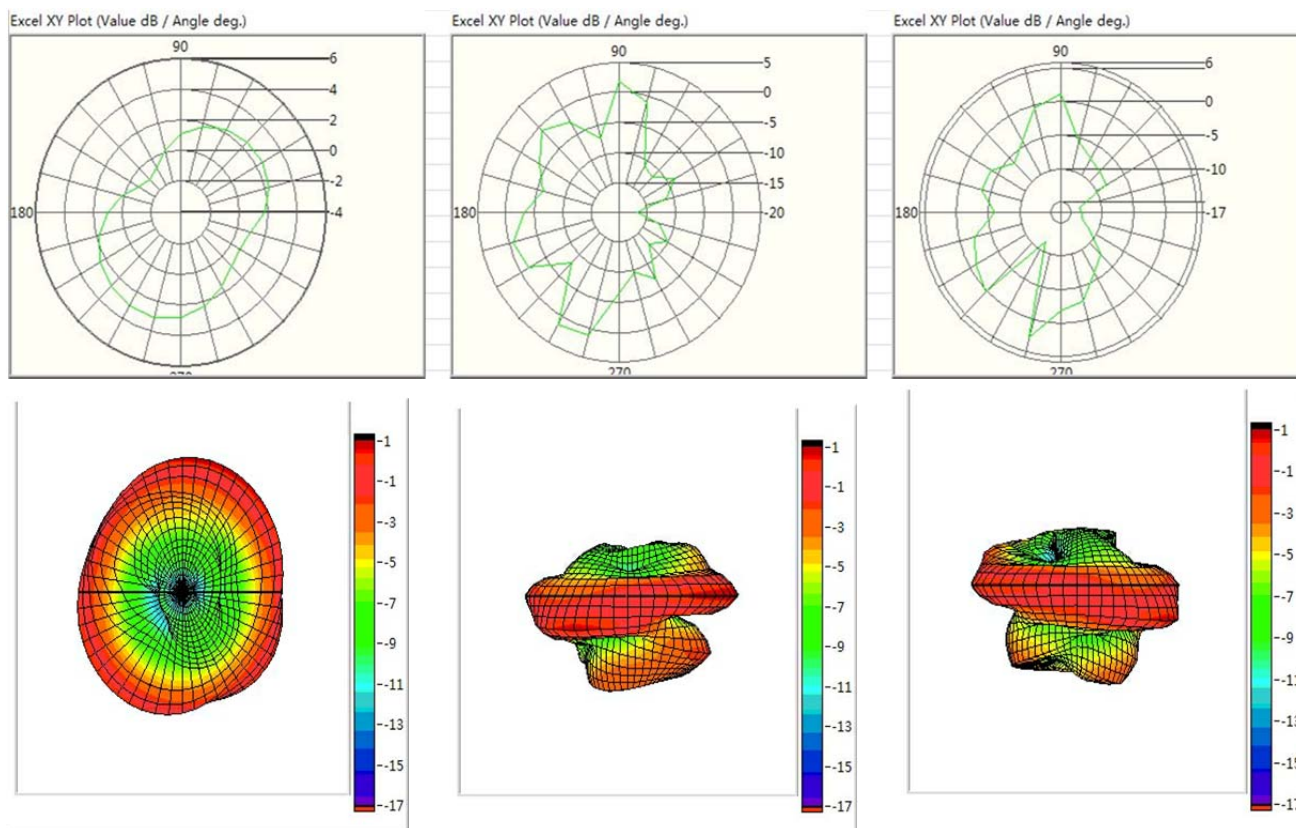
Frequency	Efficiency Total (%)	Gain Total (dBi)	Frequency	Efficiency Total (%)	Gain Total (dBi)
2.4G	56.62	2.25	5.15G	71.09	2.65
2.41G	58.88	2.57	5.2G	65.98	2.45
2.42G	61.38	2.87	5.25G	64.2	2.33
2.43G	60.53	2.83	5.3G	61.8	1.78
2.44G	62.37	2.80	5.35G	57.41	1.39
2.45G	69.34	2.81	5.4G	62.37	2.15
2.46G	68.87	2.75	5.45G	66.07	2.84
2.47G	69.66	2.73	5.5G	61.38	2.77
2.48G	72.95	2.98	5.55G	52.72	2.01
2.49G	72.44	2.73	5.6G	50.58	1.83
2.5G	72.28	2.68	5.65G	60.47	2.9
			5.7G	64.42	3.2
			5.75G	62.66	3.1
			5.8G	73.62	3.57
			5.85G	91.83	4.32

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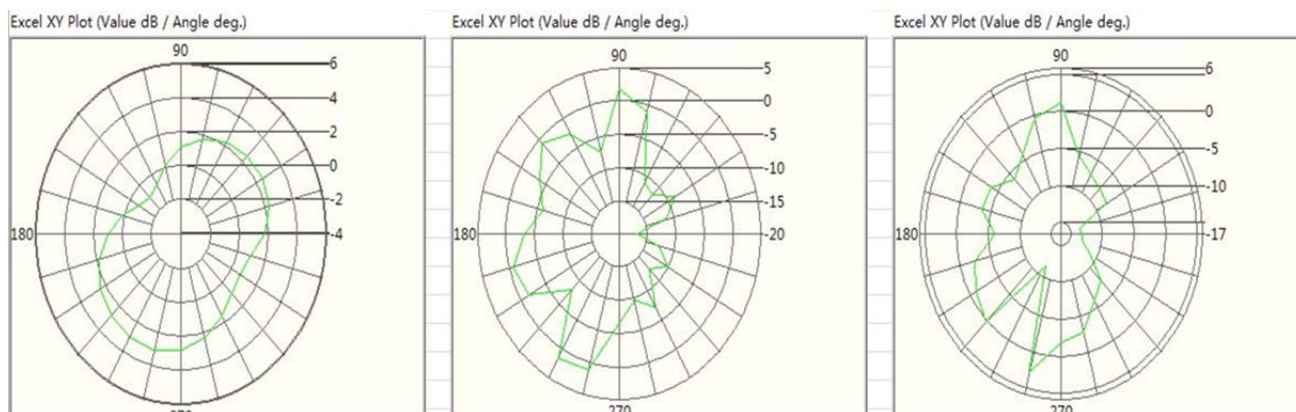
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2D report

2. 4G 2D&3D

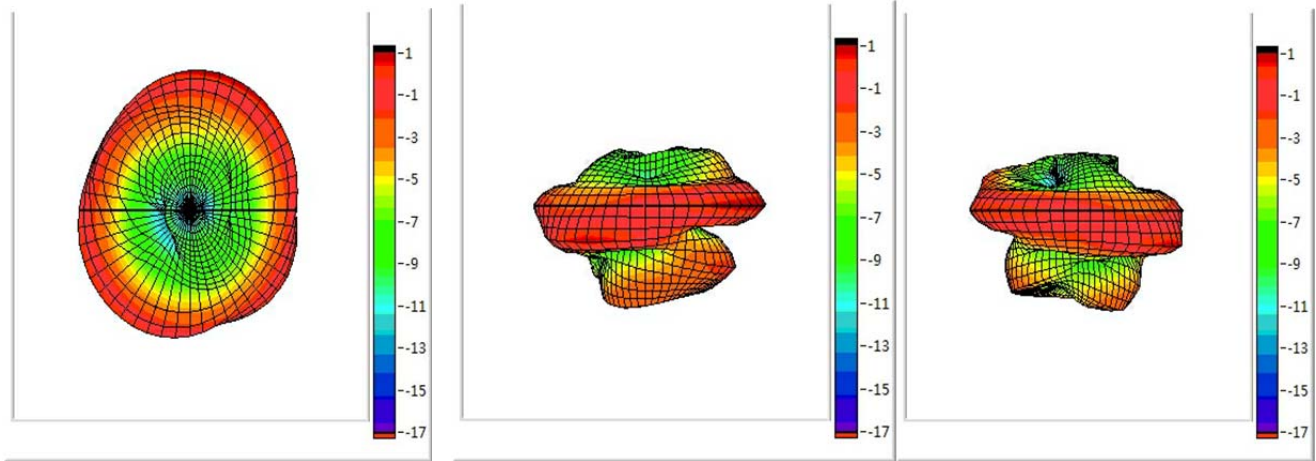


2. 45G 2D&3D

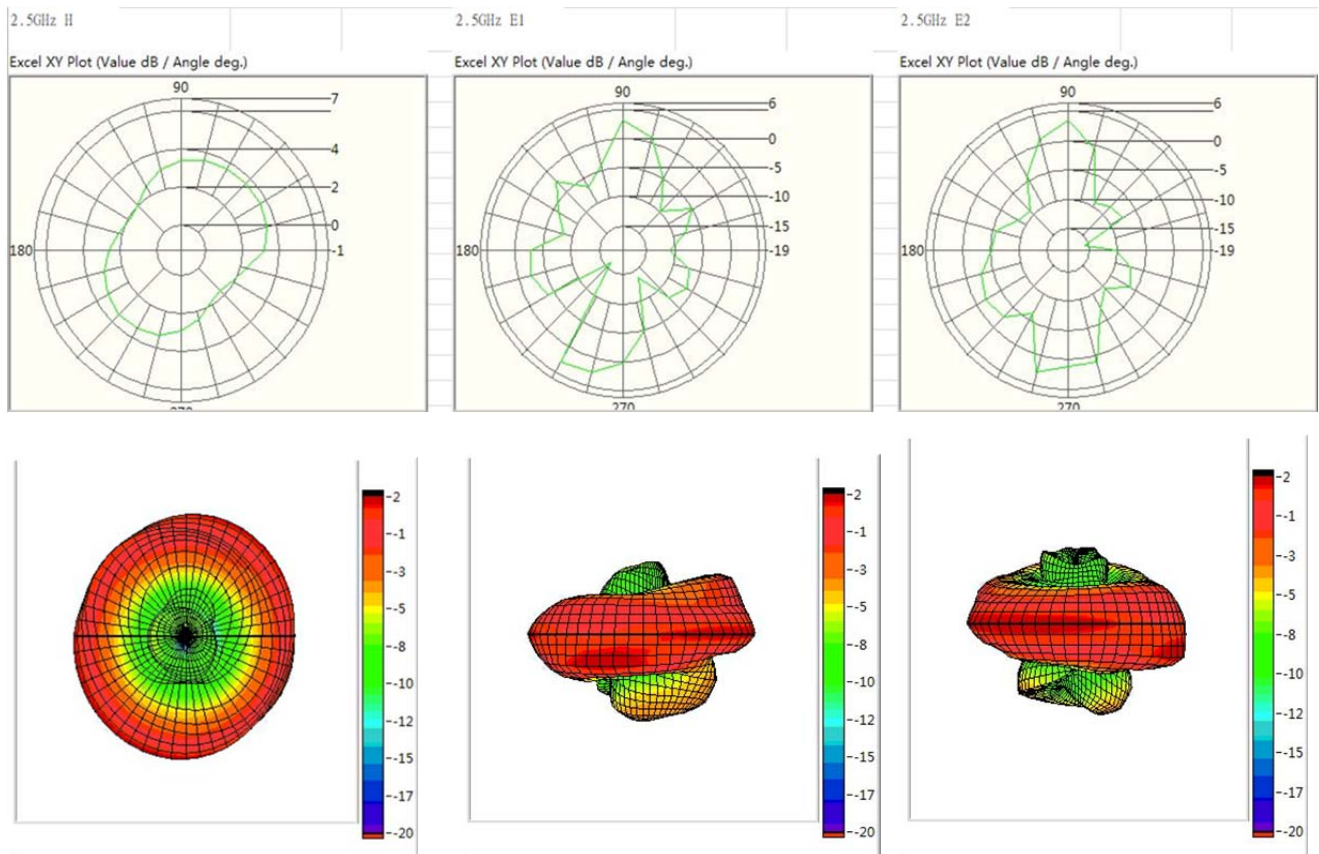


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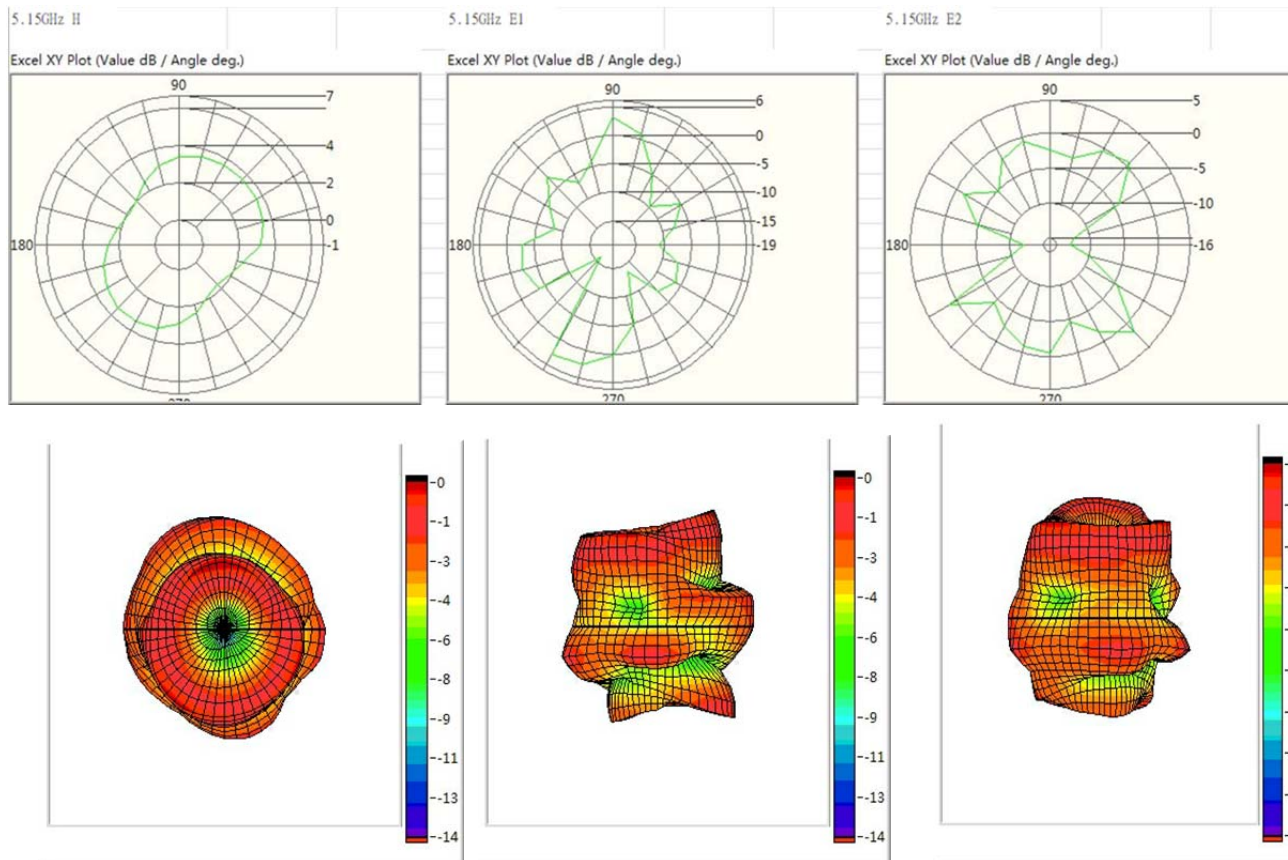


2. 5G 2D&3D



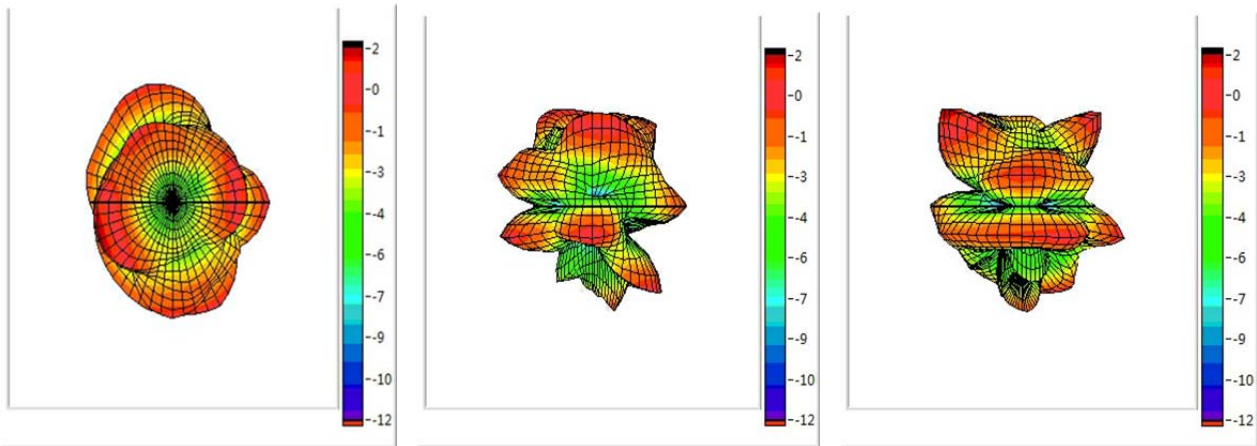
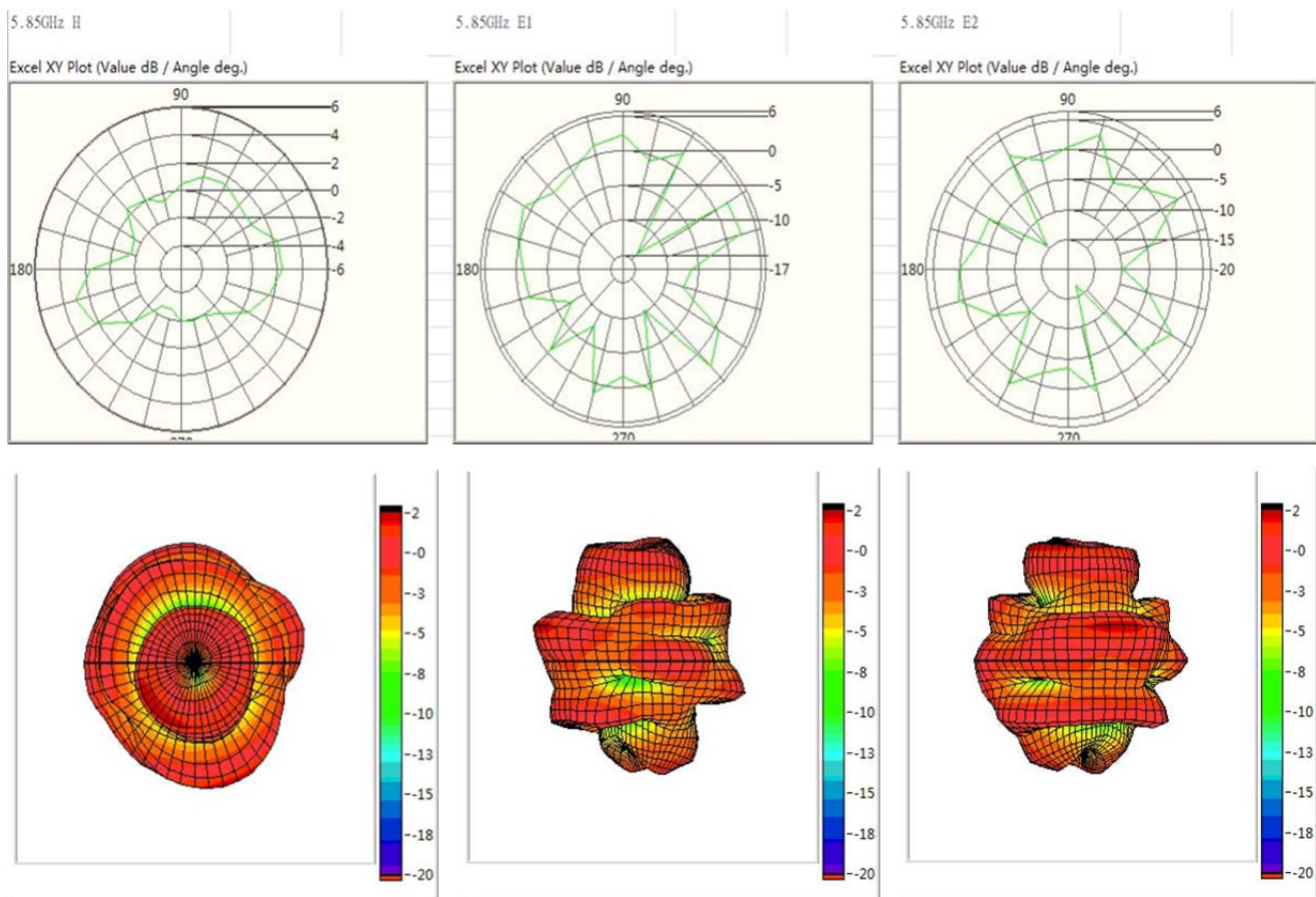
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5. 15G 2D&3D

5. 5G 2D&3D

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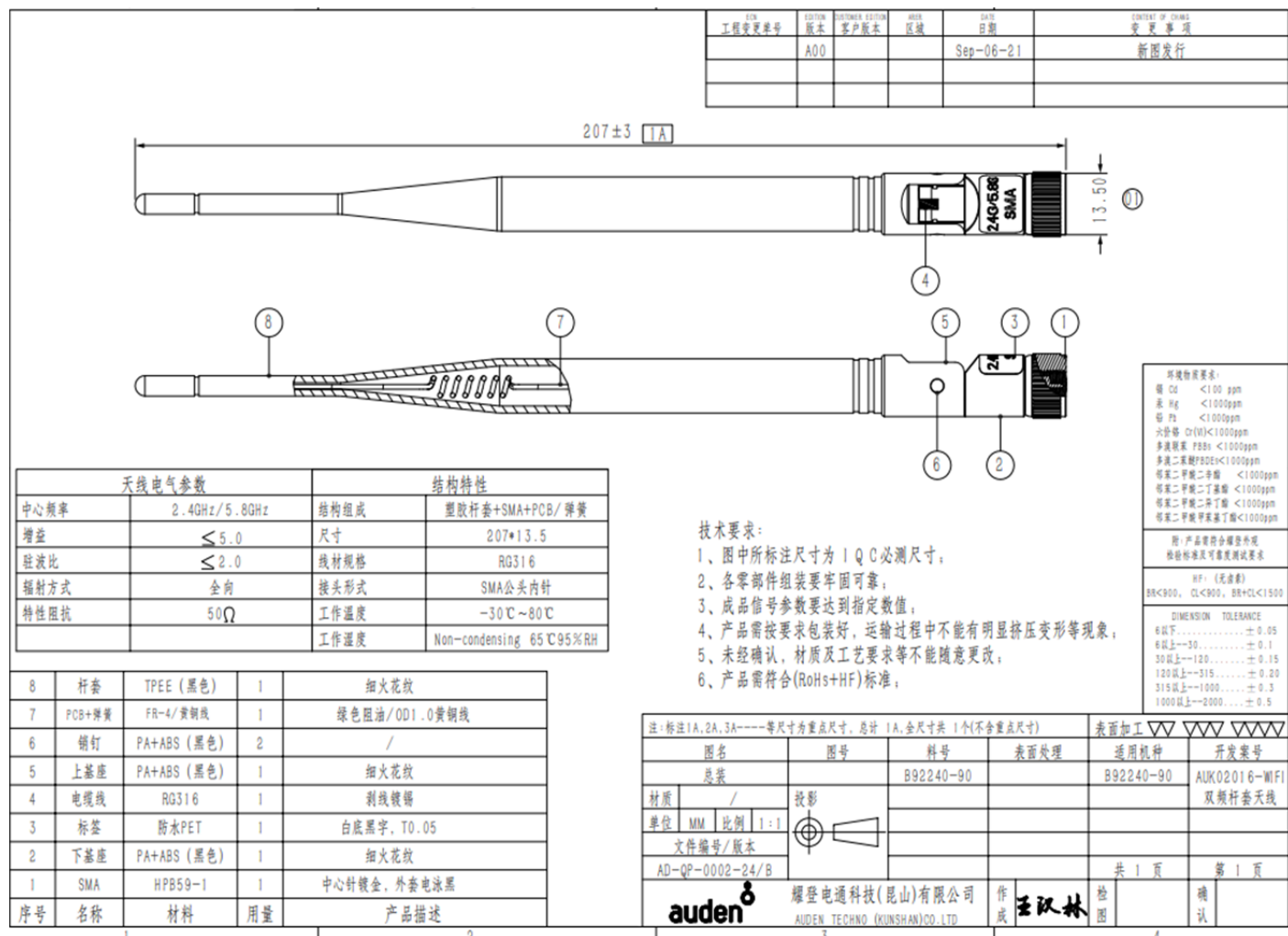
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5.85G 2D&3D


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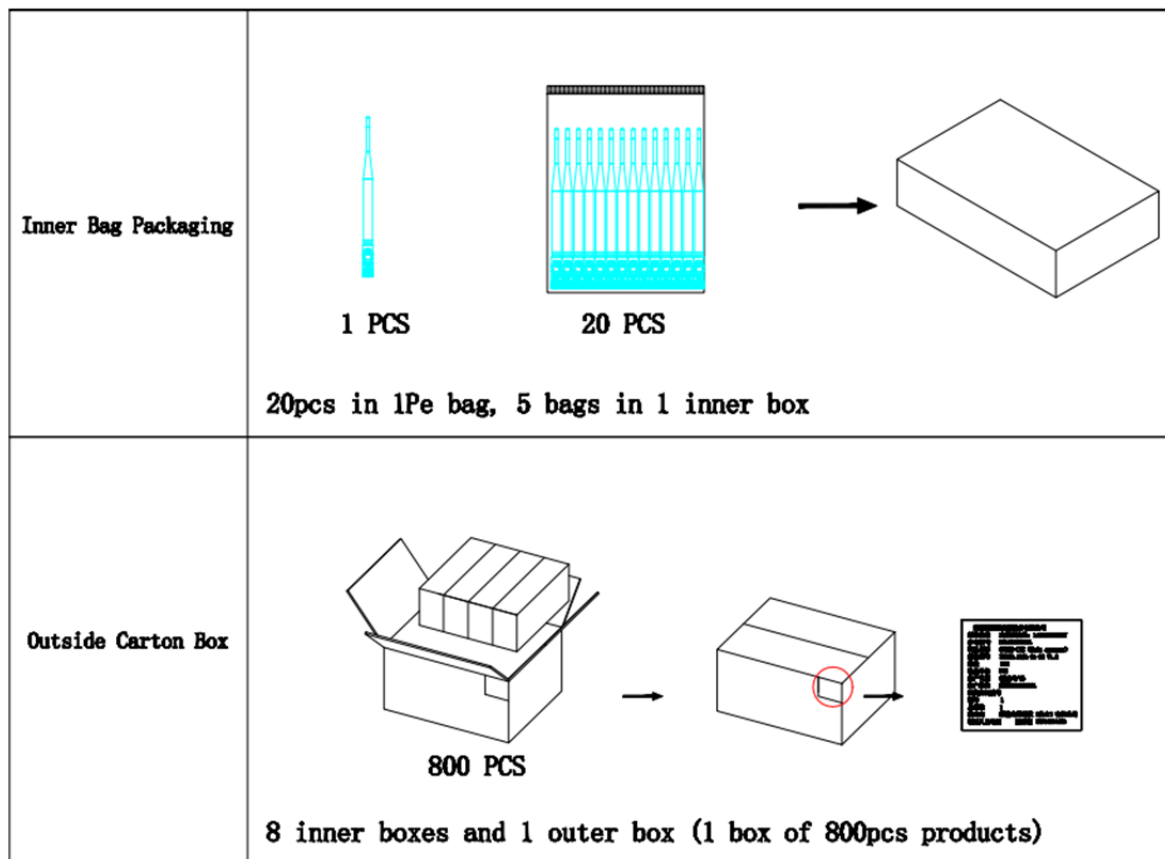
Product Drawing



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Packing



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