

258F 30.2x18.3L196ZP3 Antenna

FEATURES



- 2.96 dBi Peak Gain@2.4G
- 3.99 dBi Peak Gain@5.8G
- Welding RF 1.13 cable, Ipex connector, 3M sticker for easy installation.
- For smart device wireless, Zigbee, Bluetooth terminal
- Need Increase the Ground Plane Area



PRODUCTS

Part No.	Weight	Dimensions (L x WxH)	Cables Dimensions	Connector	Color
M01-0200320R0A		FPC:30.2*18.3*0.2 mm	Φ 0.81*196mm	IPEX3	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION	
Frequency Bands, MHz	2400-2500	5100-5900
VSWR (Max)	3.0:1	3.0:1
Peak Gain, dBi (Typ)	Up to 2.96 dBi@2.4G/Up to 3.99 dBi@5.8G	
Peak Efficiency, (%)	Up to 63.22%@2.4G/Up to 79.96%@5.8G	
Nominal Impedance	50 Ω	
Max Power (ambient temp of 25°C)	10 Watts	
Azimuth Beam Width (deg)	360°	
Polarization	Linear	
Color	Black	
Storage Temperature Range (°C)	-40° C to +85° C	
Operational Temperature Range (°C)	-40° C to +85° C	
Material Substance Compliance	REACH/Rohs Compliant	

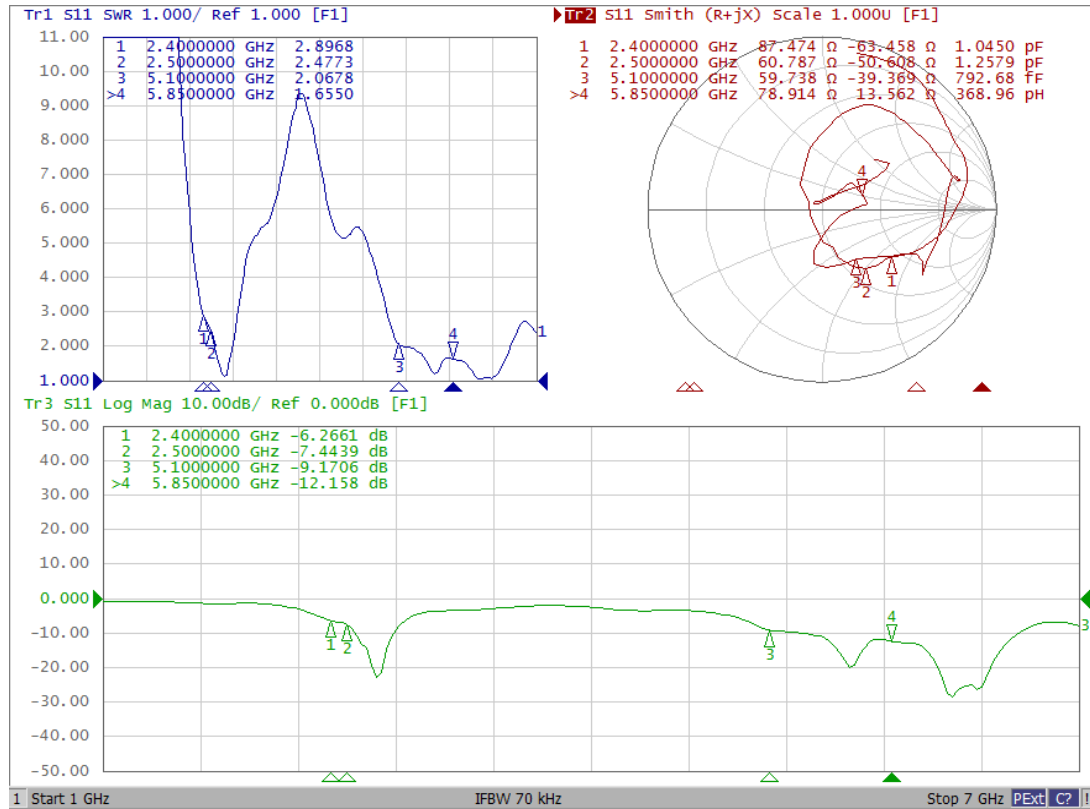
MyAntenna RF Technology Co., Ltd

ADD:Room 410, Building A, Fenghuang Zhigu, No. 50 Tiezi Road, Gongle Community, Xixiang Street, Baoan District, Shenzhen

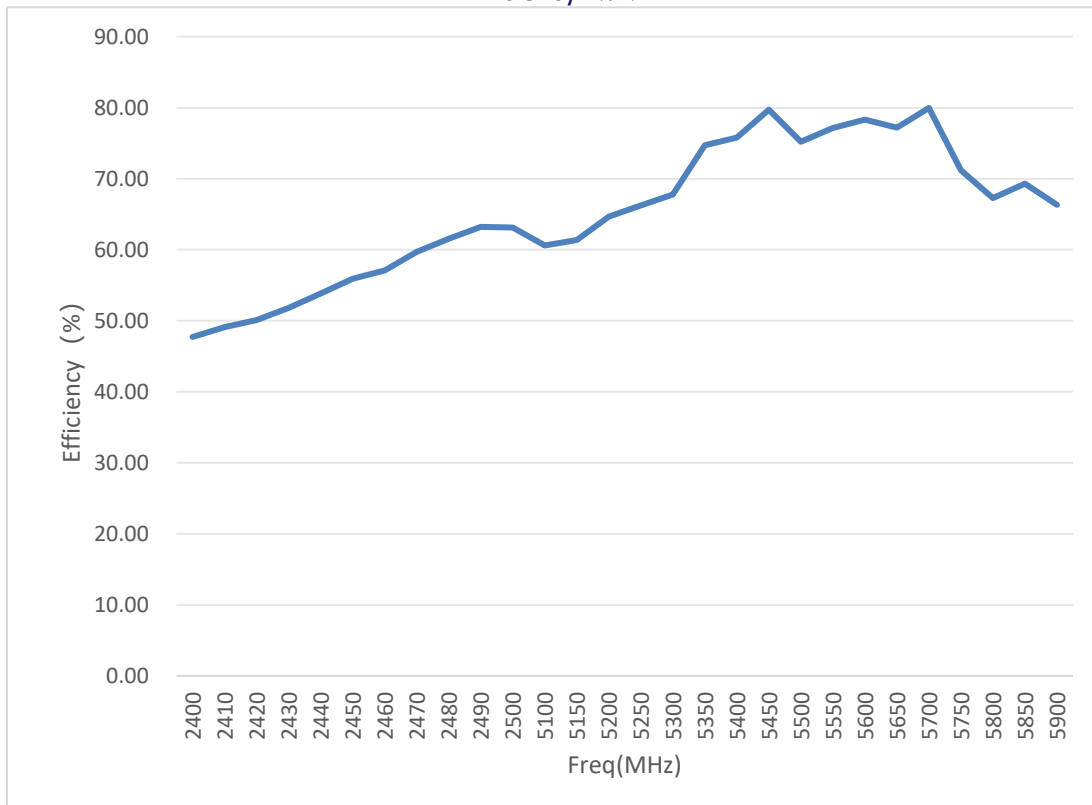
TEL: +86-0755-86503881 E-mail: nfc@imyantenna.com

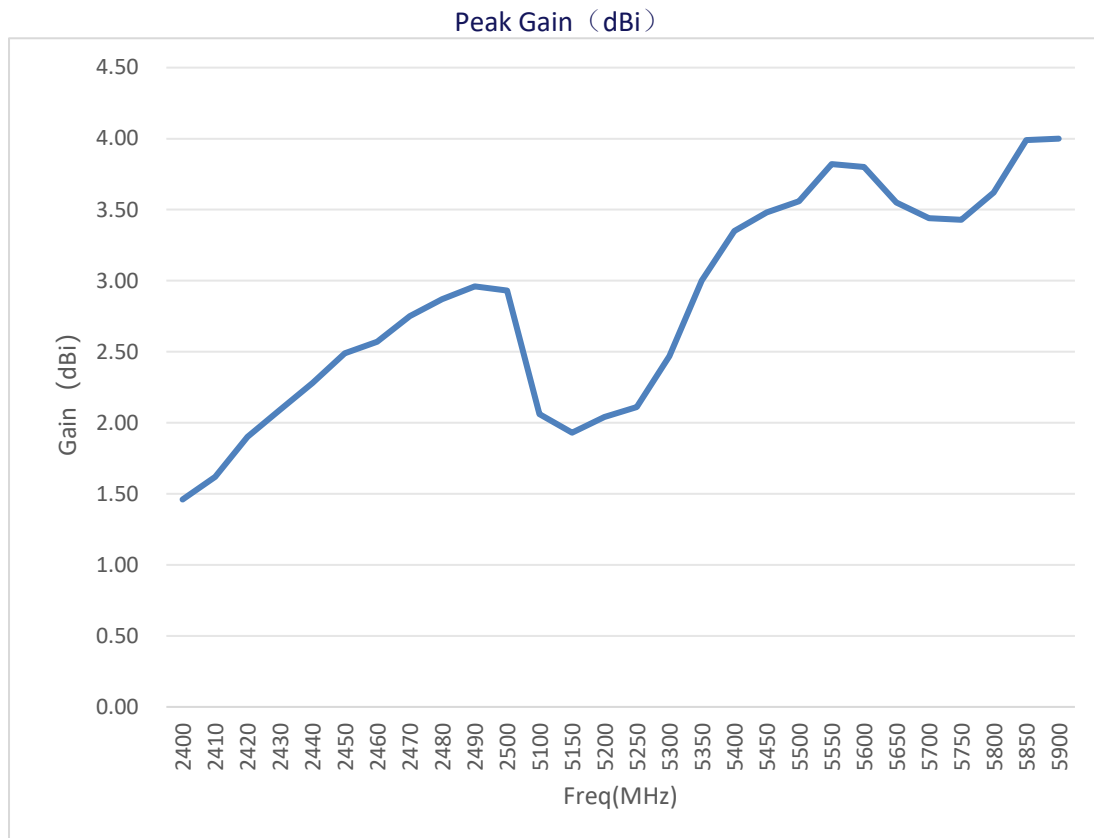
ELECTRICAL DATA

V.S.W.R



Efficiency (%)



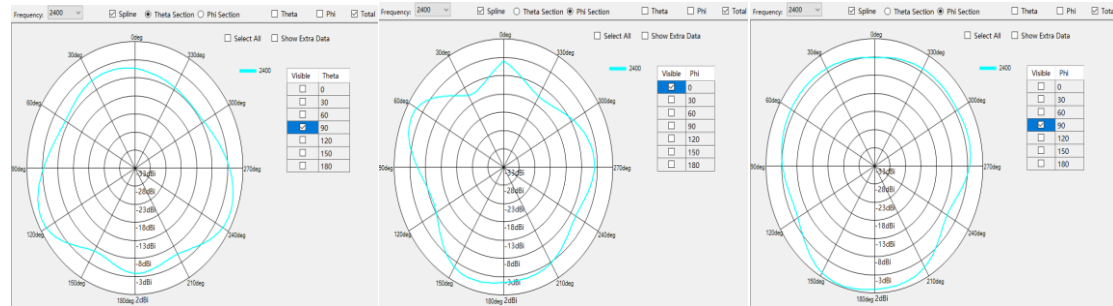


Data list

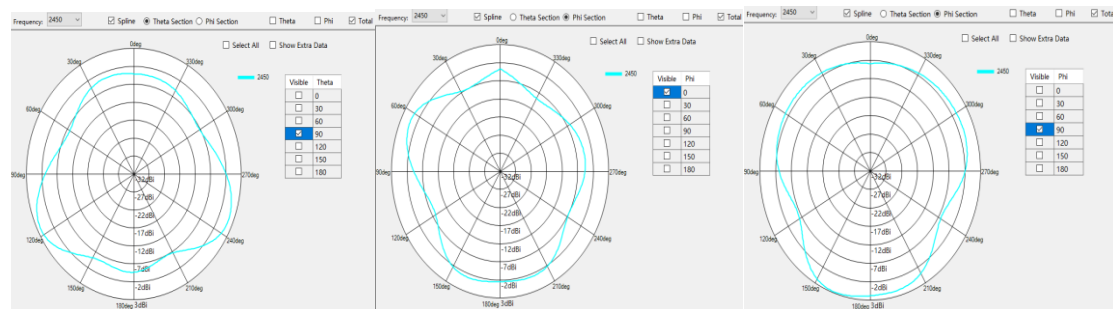
Freq(MHz)	Gain (dBi)	Efficiency (%)	Freq(MHz)	Gain (dBi)	Efficiency (%)
2400	1.46	47.72	5250	2.11	66.26
2410	1.62	49.10	5300	2.47	67.79
2420	1.90	50.11	5350	3.00	74.70
2430	2.09	51.80	5400	3.35	75.81
2440	2.28	53.86	5450	3.48	79.70
2450	2.49	55.94	5500	3.56	75.22
2460	2.57	57.11	5550	3.82	77.15
2470	2.75	59.70	5600	3.80	78.30
2480	2.87	61.53	5650	3.55	77.20
2490	2.96	63.22	5700	3.44	79.96
2500	2.93	63.11	5750	3.43	71.20
5100	2.06	60.61	5800	3.62	67.27
5150	1.93	61.37	5850	3.99	69.31
5200	2.04	64.66	5900	4.00	66.34

RADIATION PATTERNS

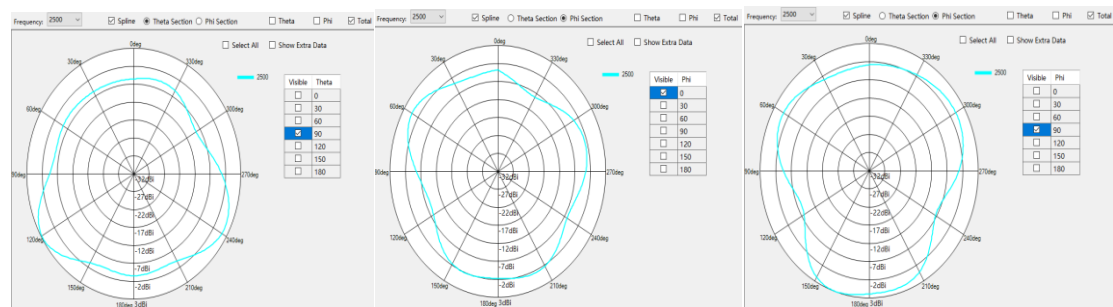
2D Radiation Pattern at 2400MHz Gain=1.46dBi



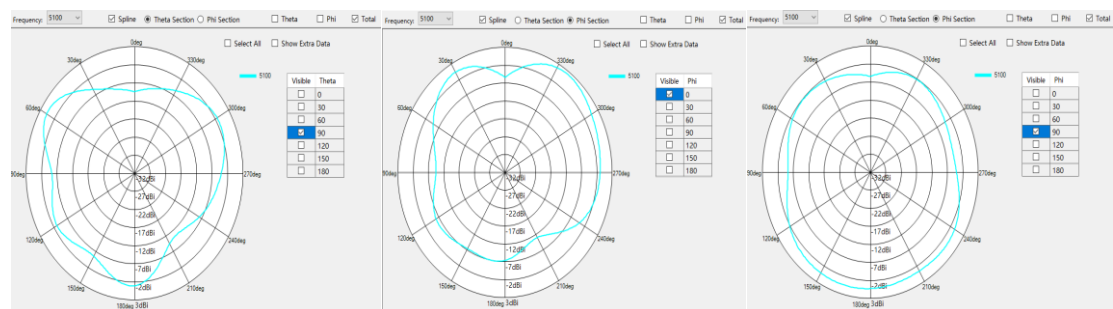
2D Radiation Pattern at 2450MHz Gain=2.49dBi



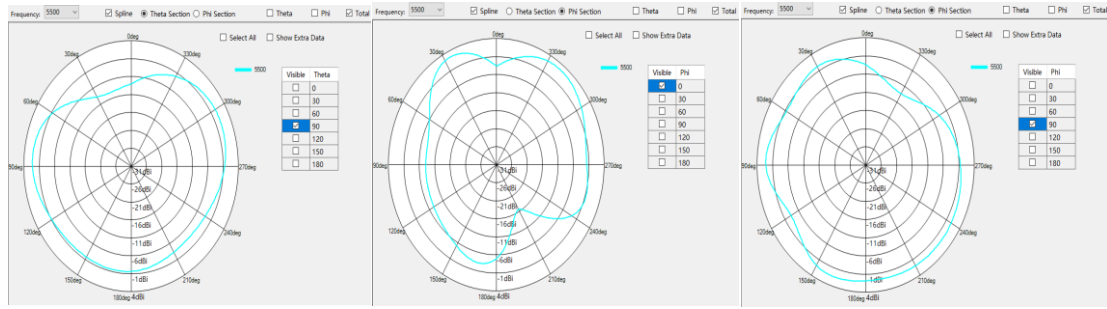
2D Radiation Pattern at 2500MHz Gain=2.93dBi



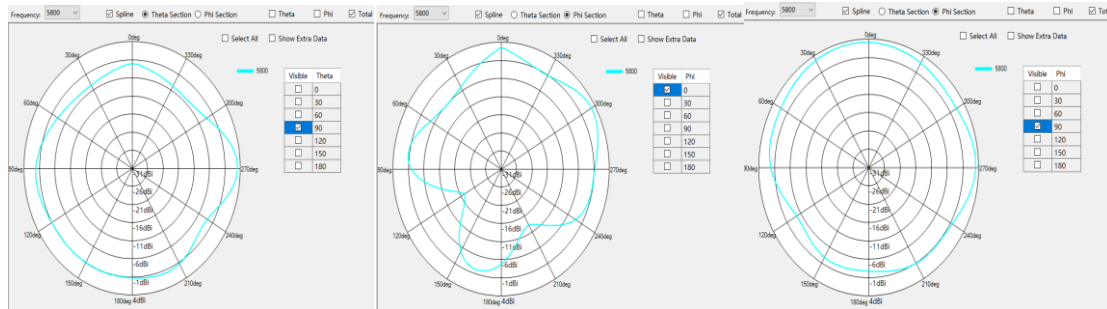
2D Radiation Pattern at 5100MHz Gain=2.06dBi



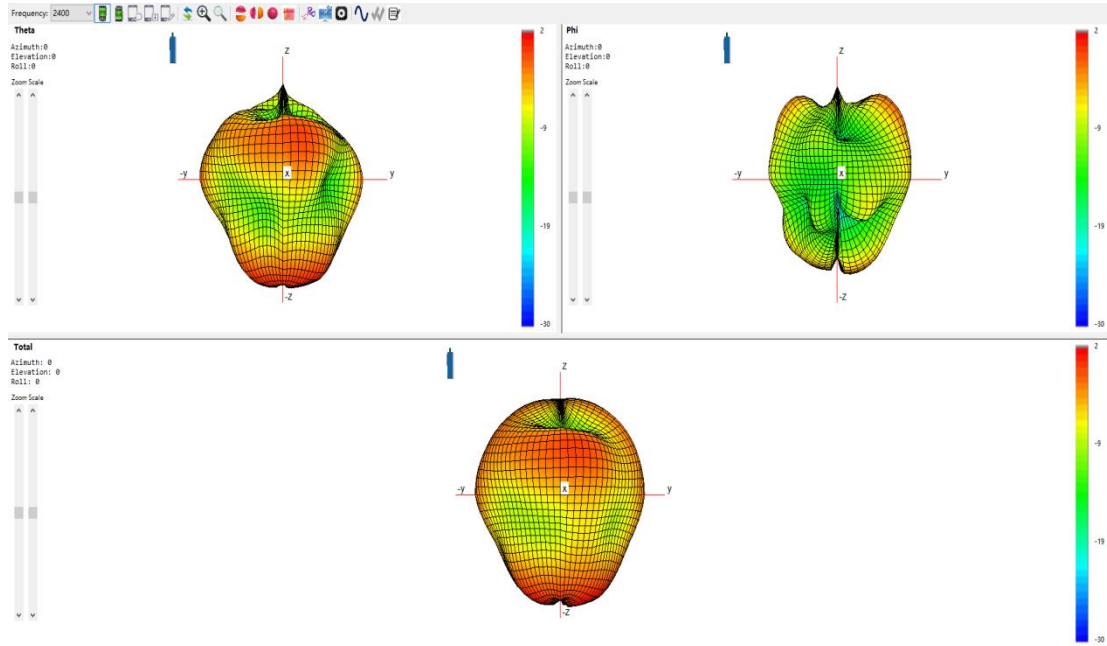
2D Radiation Pattern at 5500MHz Gain=2.72dBi



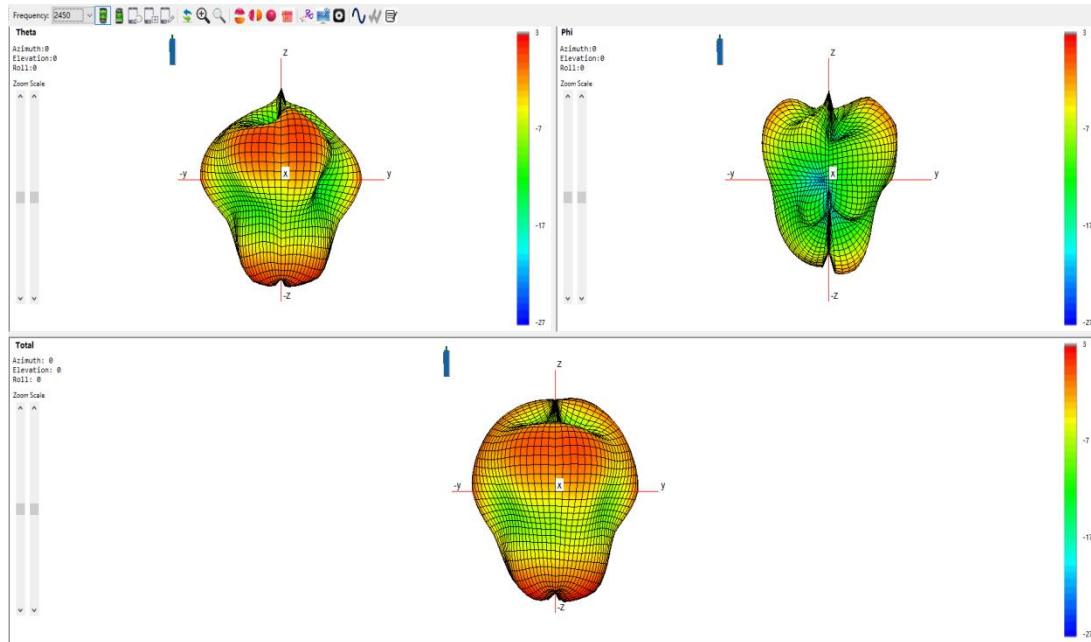
2D Radiation Pattern at 5800MHz Gain=3.62dBi



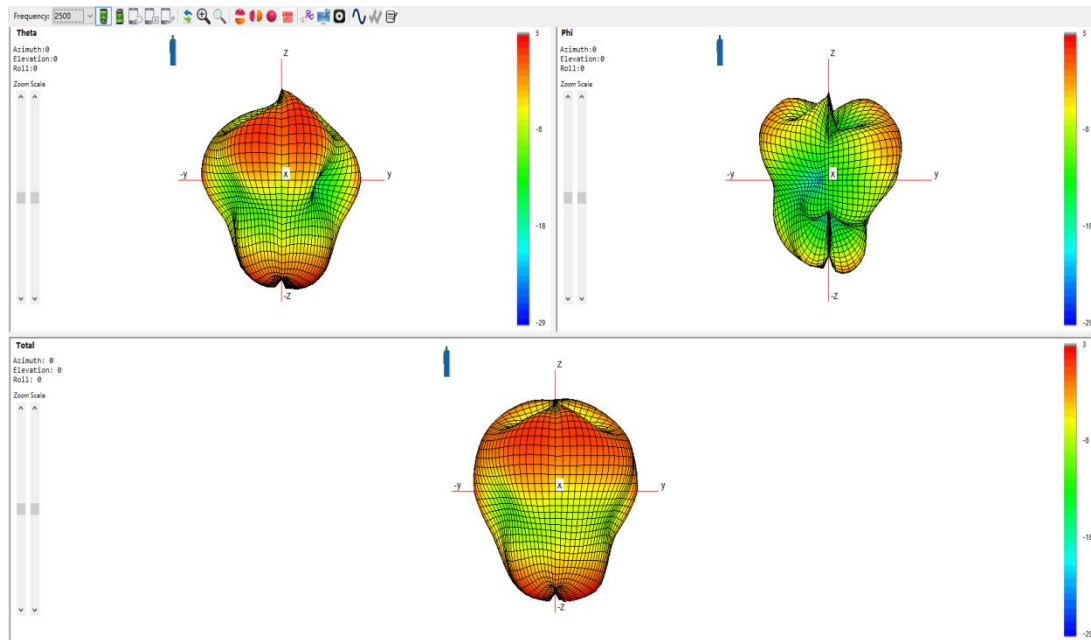
3D Radiation Pattern at 2400MHz Gain=1.46dBi



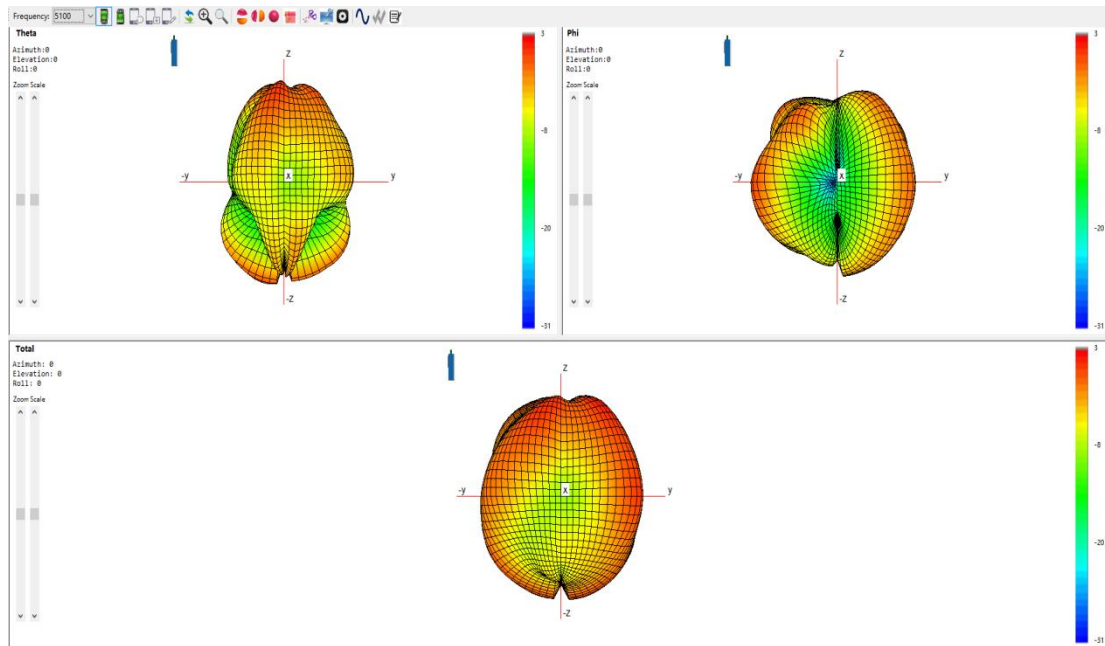
3D Radiation Pattern at 2450MHz Gain=2.49dBi



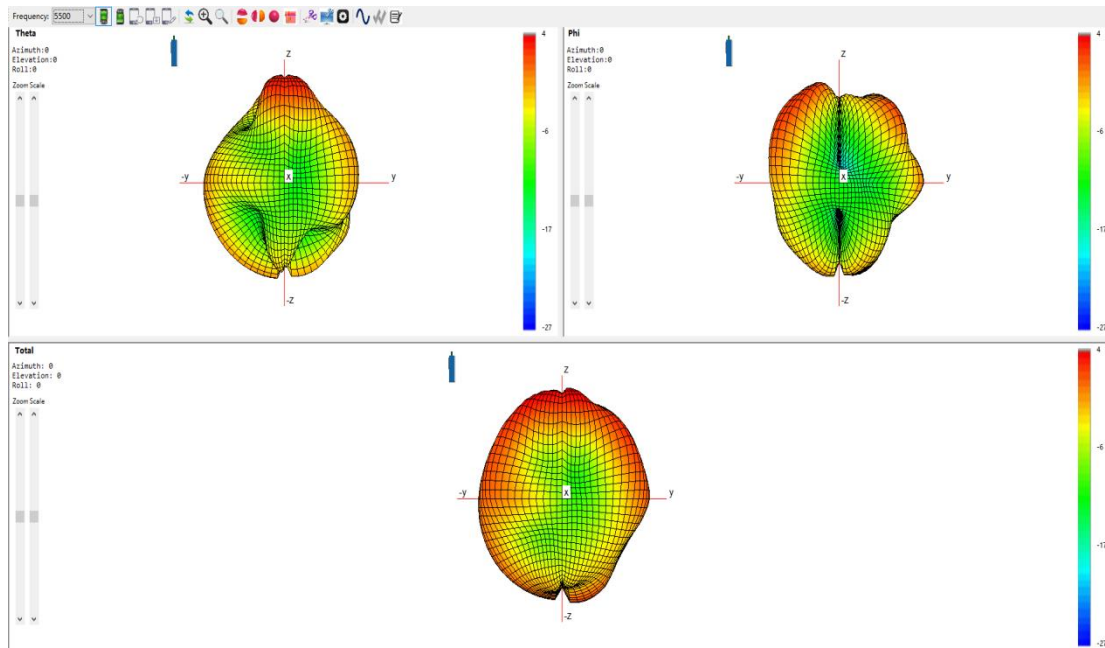
3D Radiation Pattern at 2500MHz Gain=2.93dBi



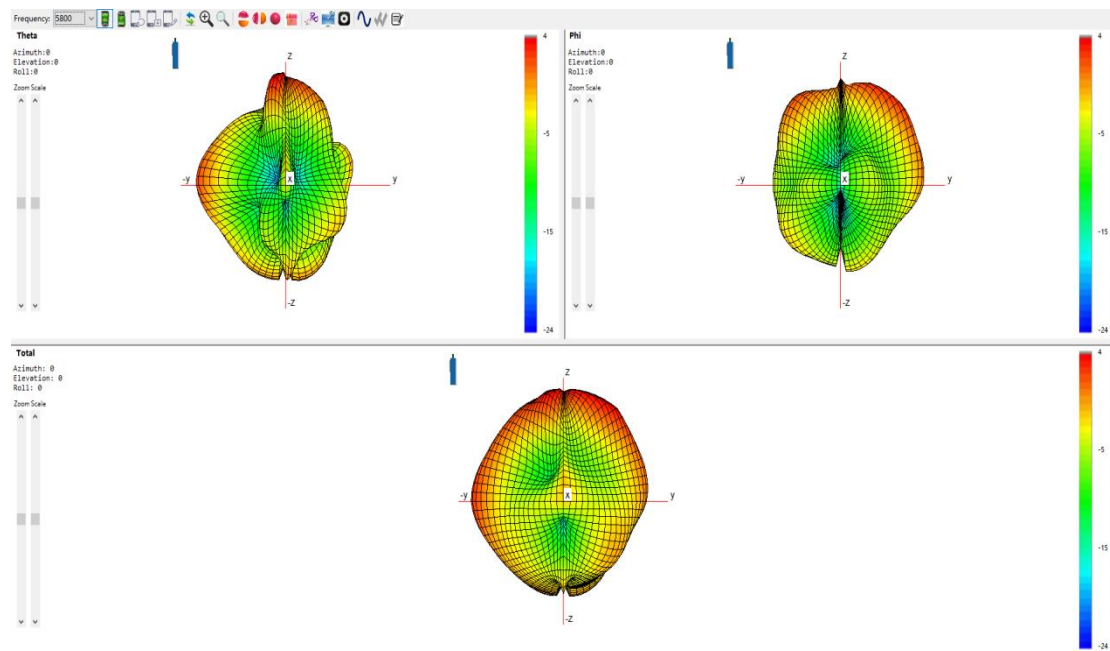
3D Radiation Pattern at 5100MHz Gain=2.06dBi



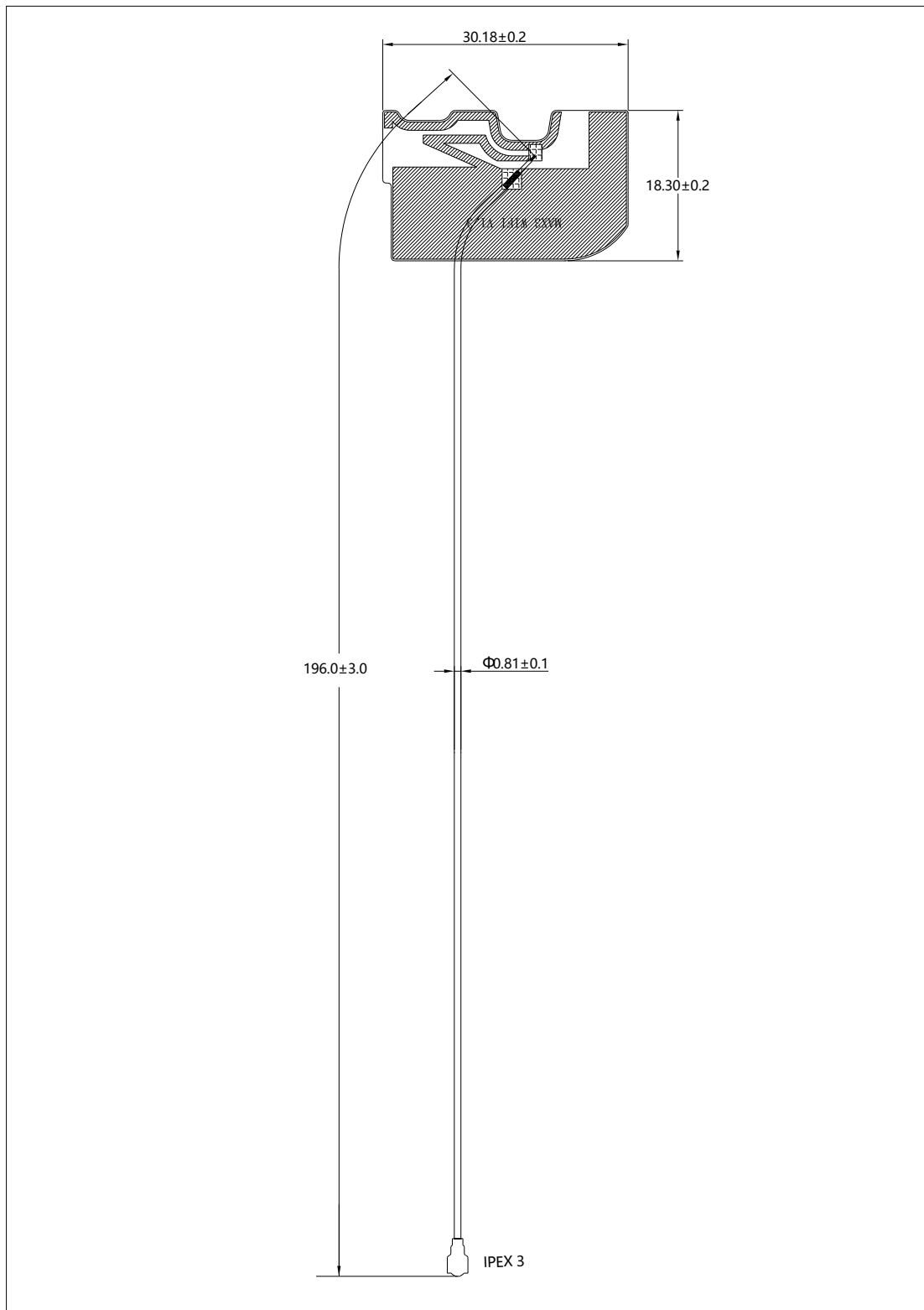
3D Radiation Pattern at 5500MHz Gain=3.56dBi



3D Radiation Pattern at 5800MHz Gain=3.62dBi



HOUSING CONFIGURATIONS



Aboosty™ is owned by Shenzhen MyAntenna RF Technology Co., Ltd. (often abbreviated as MyAntenna).