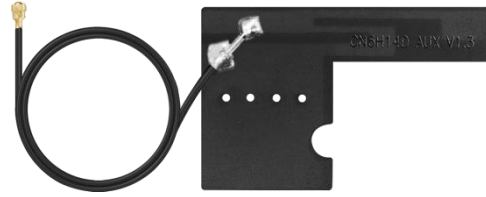


258F 28.8x18.1L146IPX4 Antenna

FEATURES



- 3.09 dBi Peak Gain@2.4G
- 2.52 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
M01-0200090R0A		FPC:28.8*18.1*0.2 mm	Φ 1.13*146mm	IPEX 4	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 3.09 dBi@2.4G/Up to 2.52 dBi@5.8G	
Peak Efficiency, (%)	Up to 67.87%@2.4G/Up to 47.79%@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	

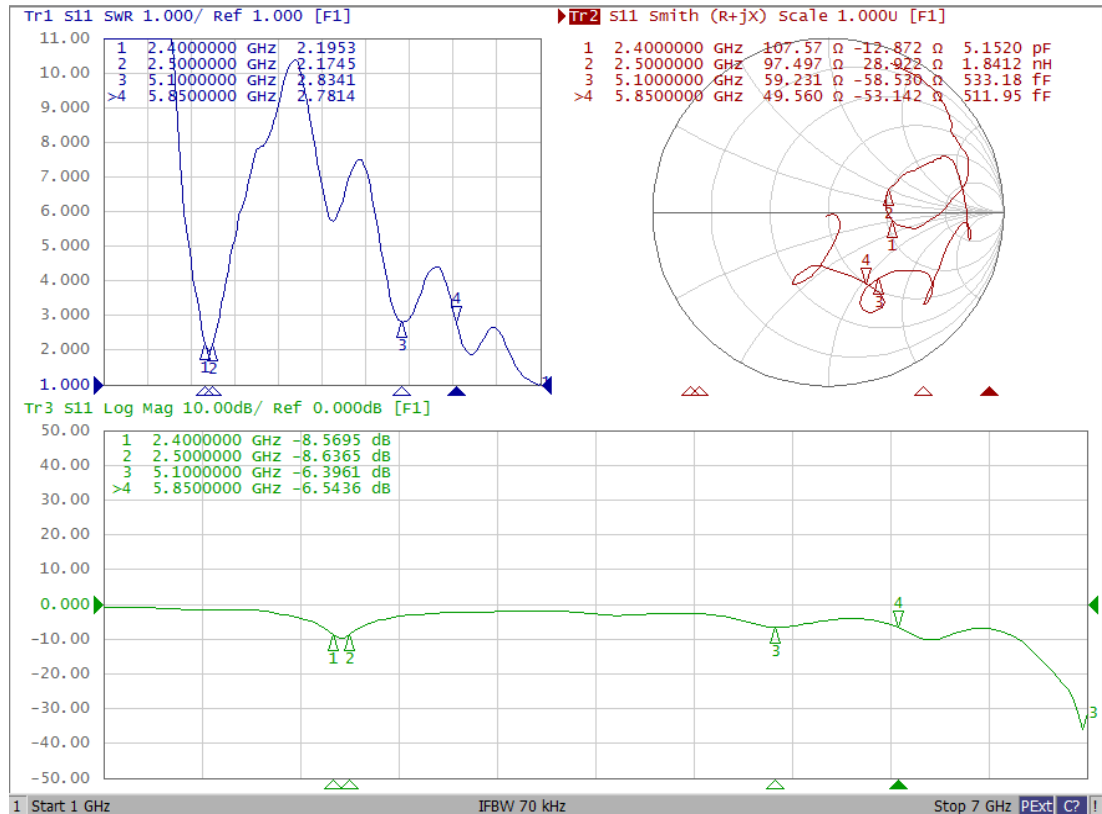
MyAntenna RF Technology Co., Ltd

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

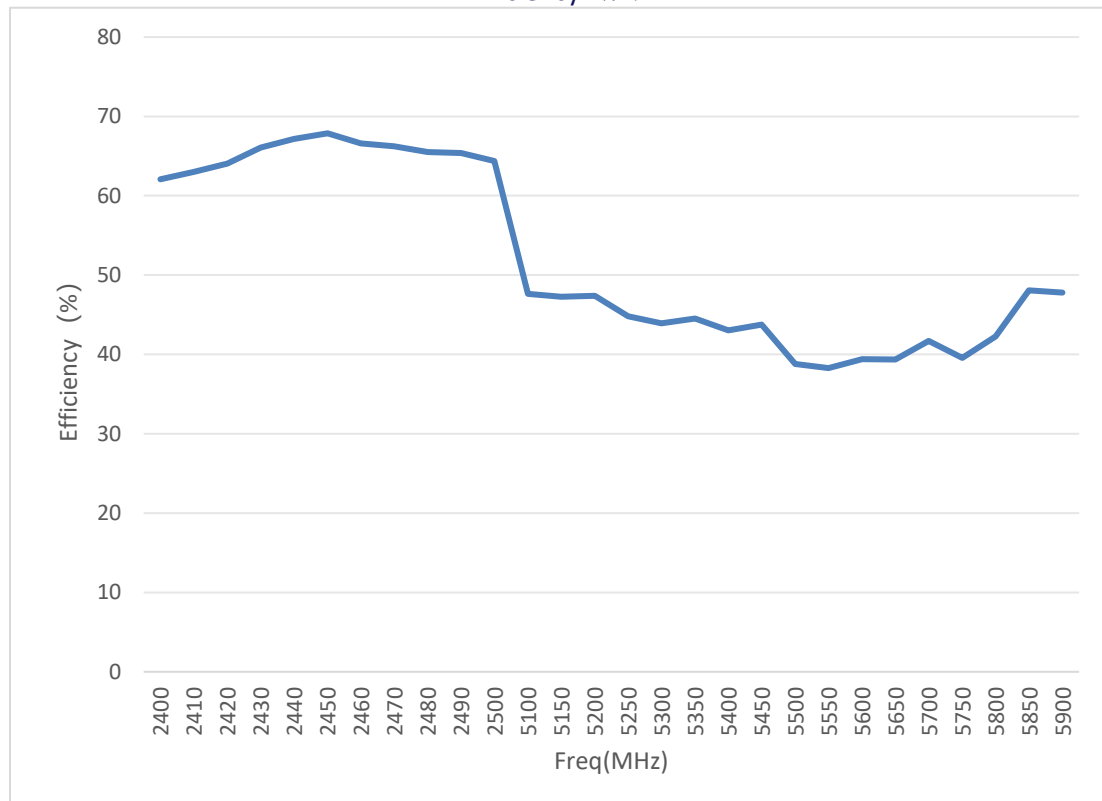
TEL: +86-0755-86503881 E-mail: nfc@myantenna.com

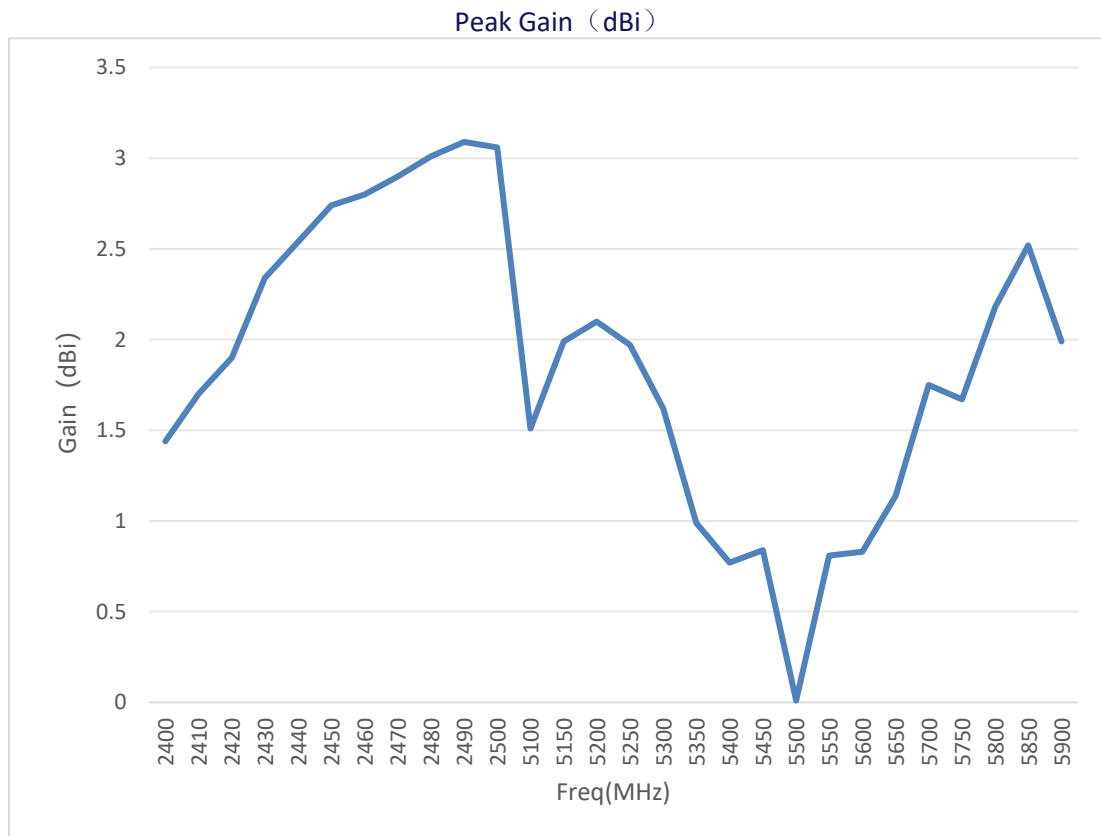
ELECTRICAL DATA

V.S.W.R



Efficiency (%)



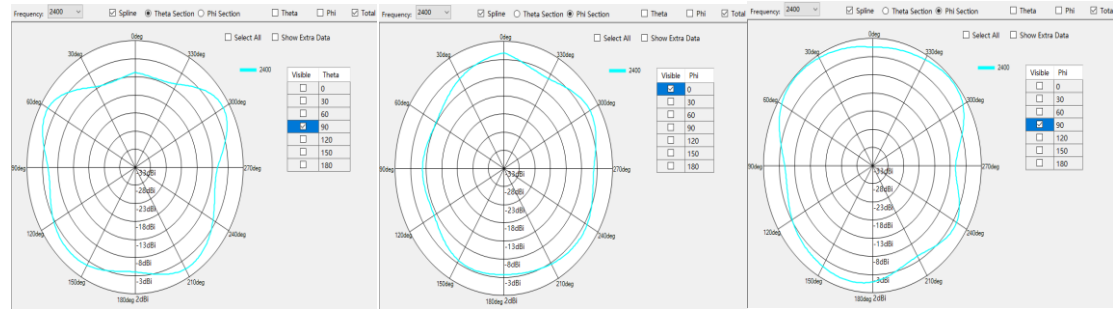


Data list

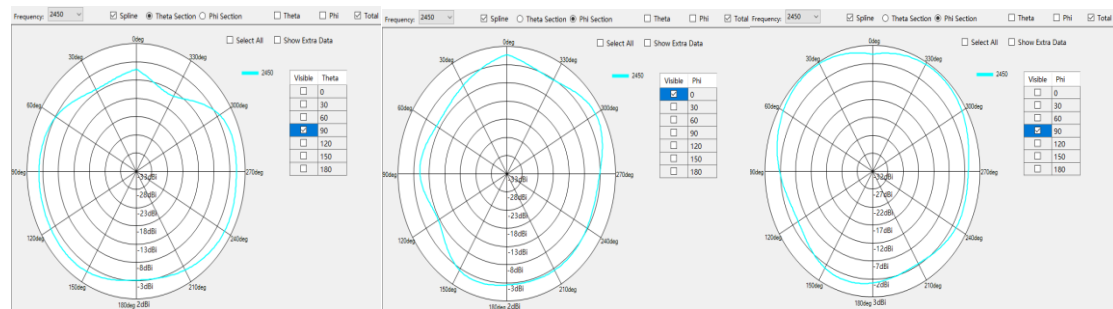
Freq(MHz)	Gain (dBi)	Efficiency (%)	Freq(MHz)	Gain (dBi)	Efficiency (%)
2400	1.44	62.09	5250	1.97	44.79
2410	1.70	63.00	5300	1.62	43.91
2420	1.90	64.06	5350	0.99	44.54
2430	2.34	66.08	5400	0.77	43.02
2440	2.54	67.18	5450	0.84	43.74
2450	2.74	67.87	5500	0.01	38.80
2460	2.80	66.61	5550	0.81	38.28
2470	2.90	66.23	5600	0.83	39.42
2480	3.01	65.49	5650	1.14	39.35
2490	3.09	65.38	5700	1.75	41.72
2500	3.06	64.39	5750	1.67	39.55
5100	1.51	47.64	5800	2.18	42.28
5150	1.99	47.28	5850	2.52	48.06
5200	2.10	47.39	5900	1.99	47.79

RADIATION PATTERNS

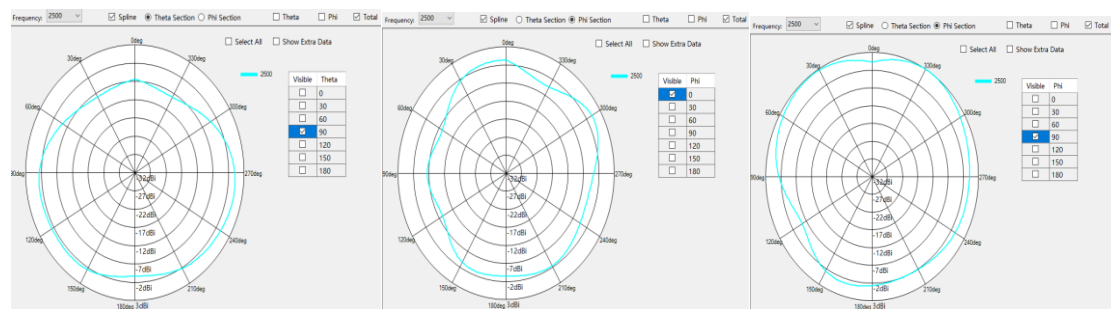
2D Radiation Pattern at 2400MHz Gain=1.44dBi



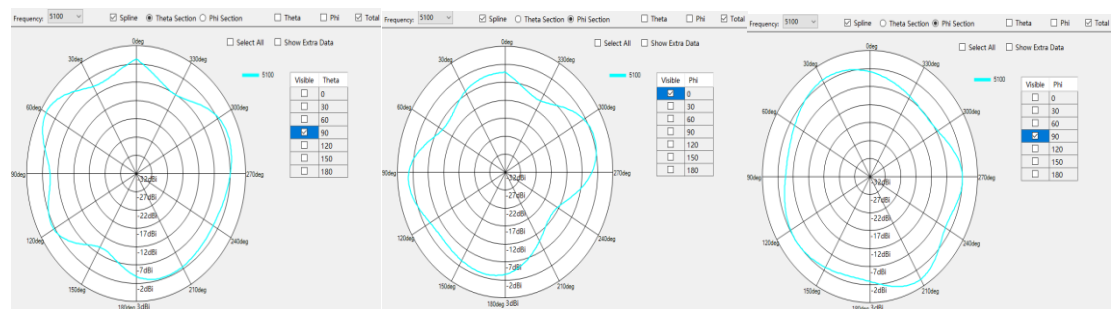
2D Radiation Pattern at 2450MHz Gain=2.74dBi



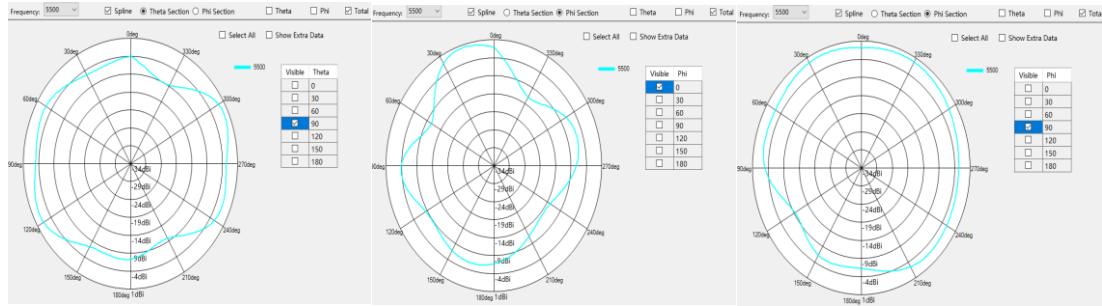
2D Radiation Pattern at 2500MHz Gain=3.06dBi



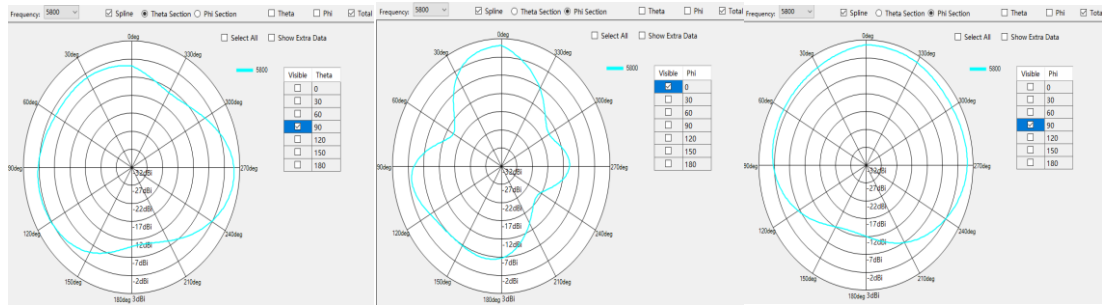
2D Radiation Pattern at 5100MHz Gain=1.51dBi



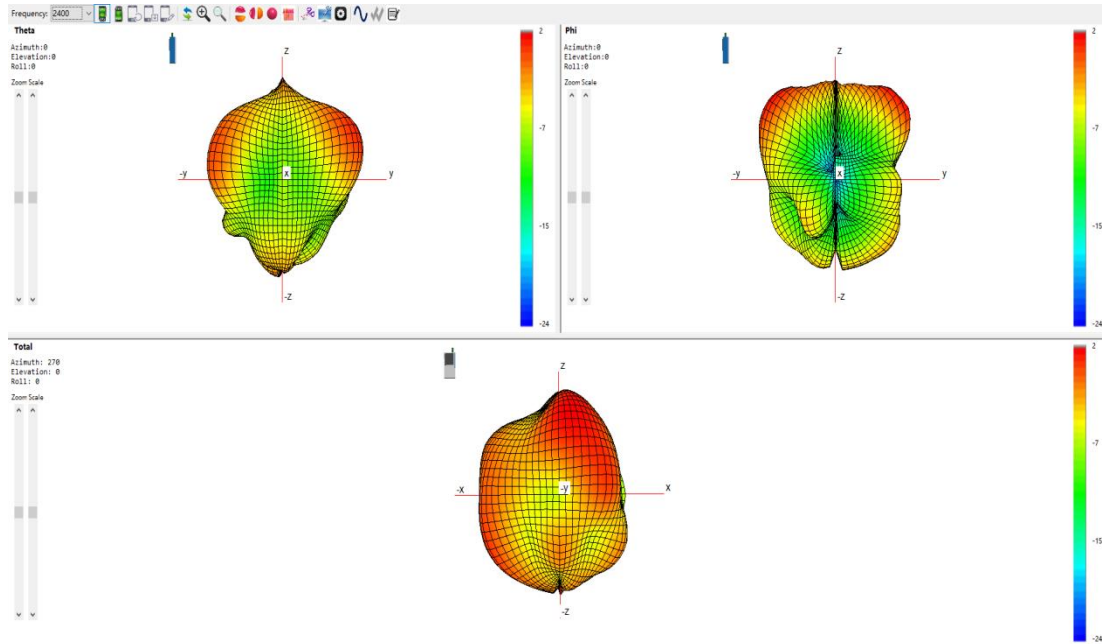
2D Radiation Pattern at 5500MHz Gain=0.01dBi



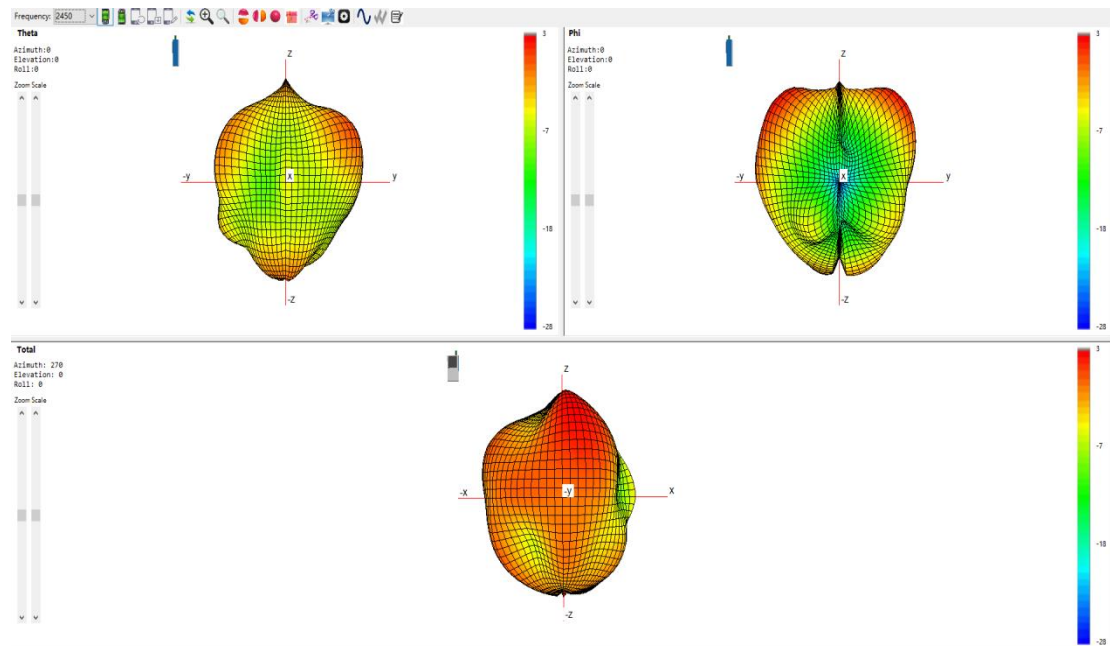
2D Radiation Pattern at 5800MHz Gain=2.18dBi



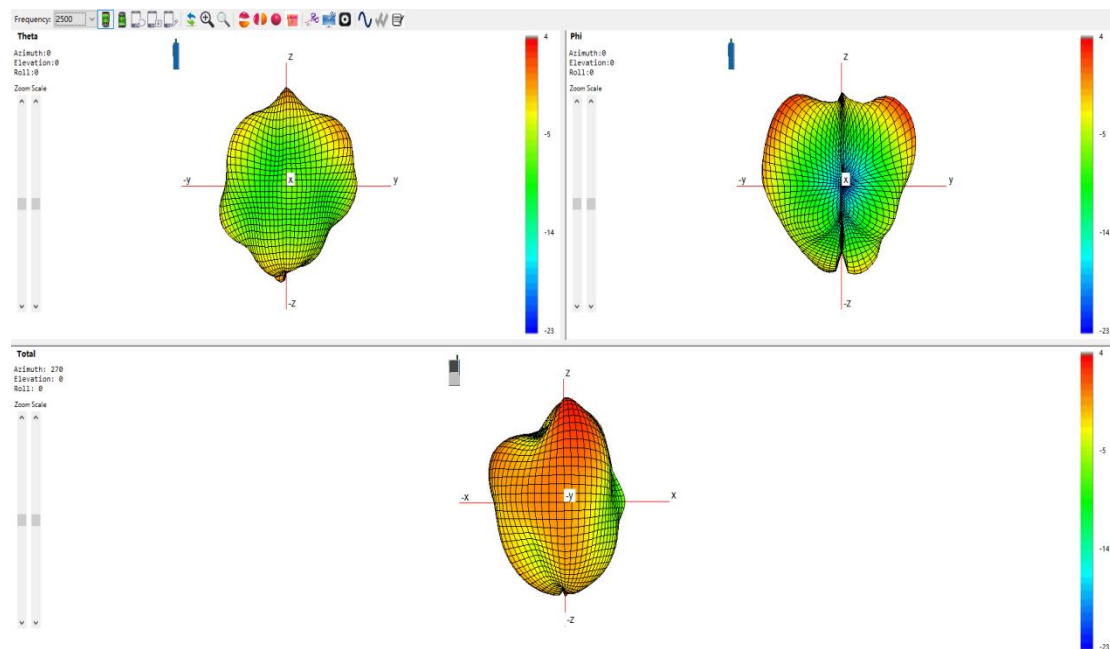
3D Radiation Pattern at 2400MHz Gain=1.44dBi



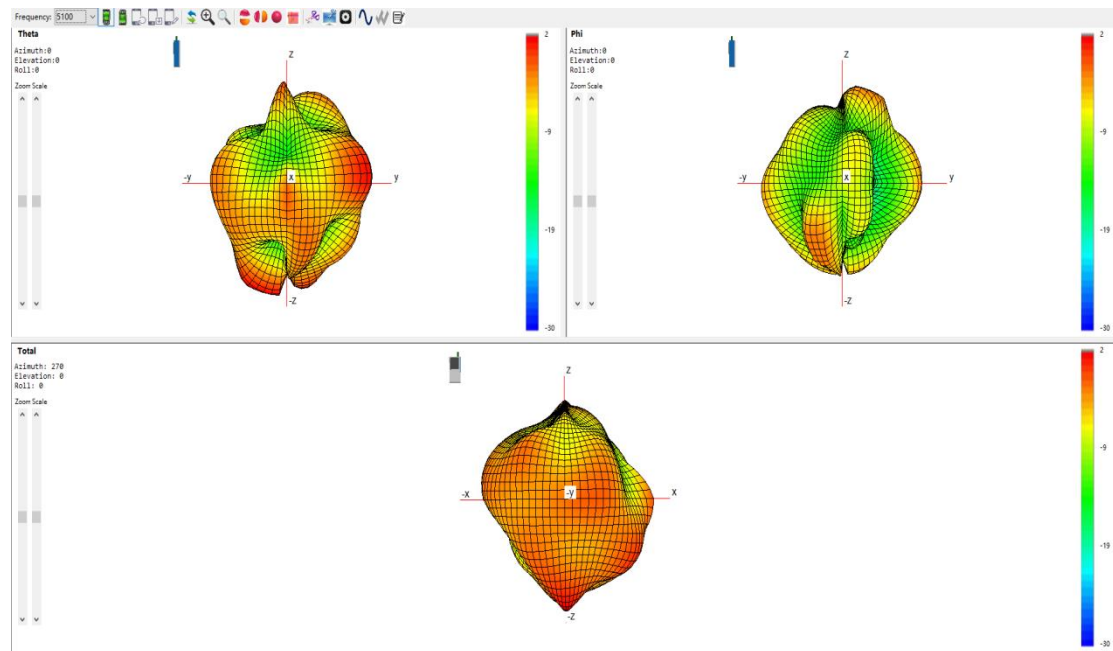
3D Radiation Pattern at 2450MHz Gain=2.74dBi



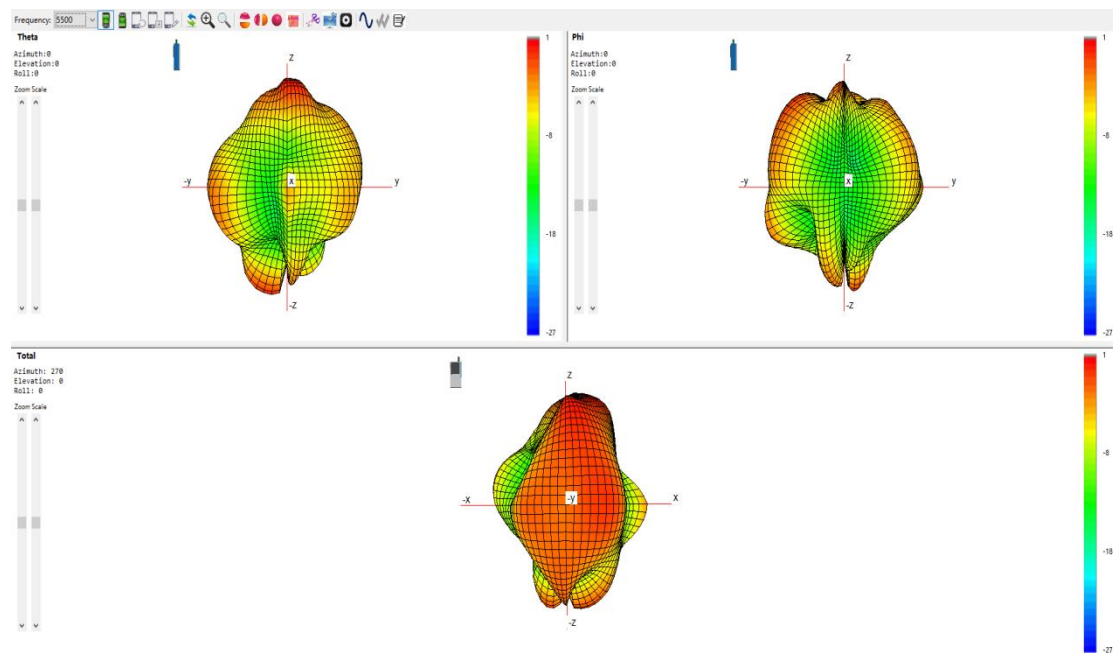
3D Radiation Pattern at 2500MHz Gain=3.06dBi



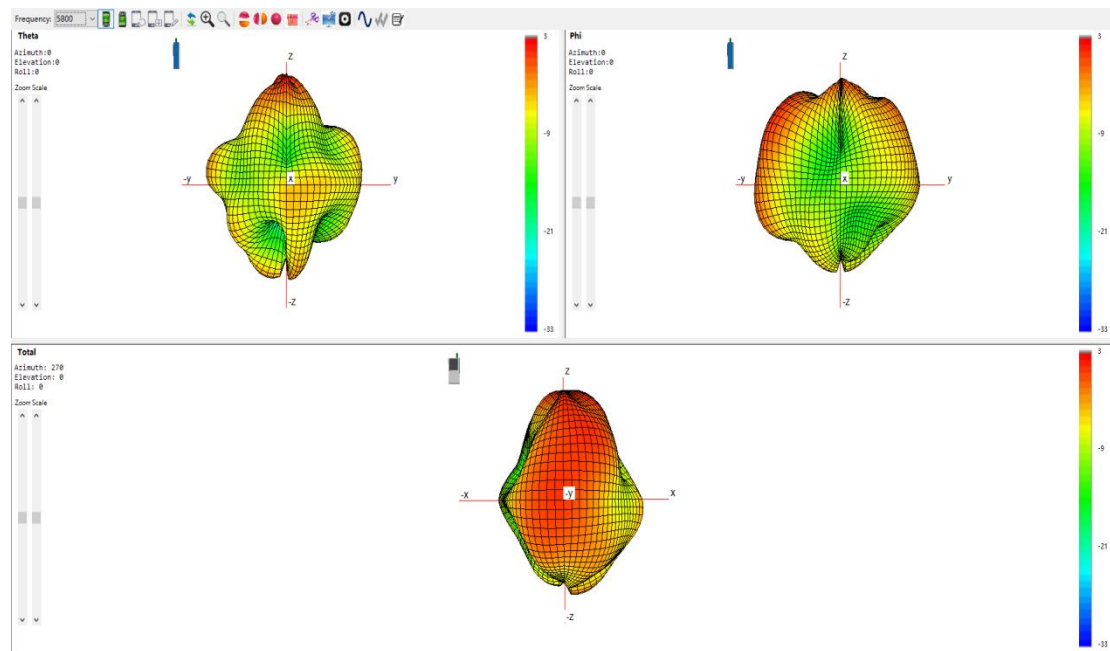
3D Radiation Pattern at 5100MHz Gain=1.51dBi



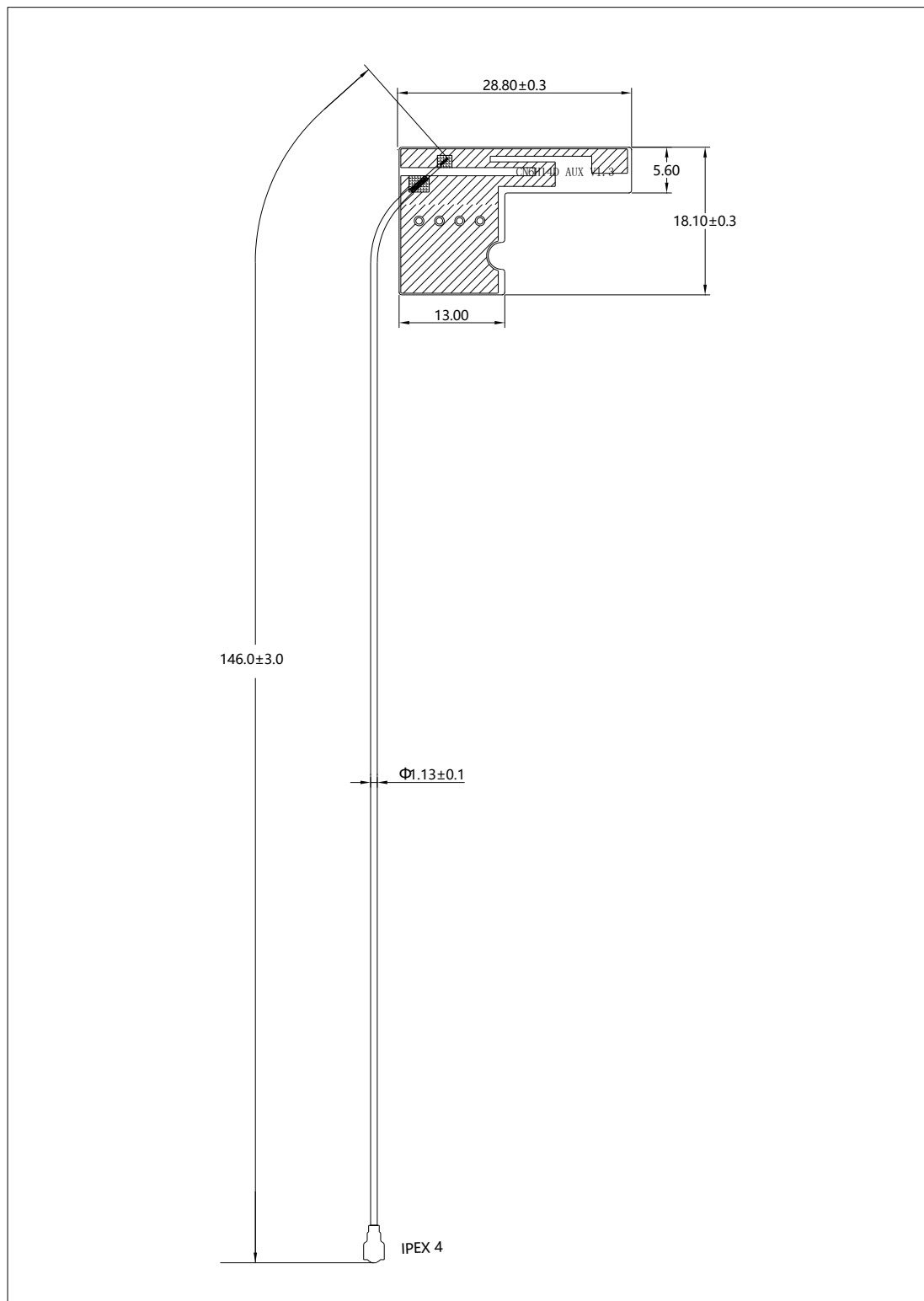
3D Radiation Pattern at 5500MHz Gain=0.01dBi



3D Radiation Pattern at 5800MHz Gain=2.18dBi



HOUSING CONFIGURATIONS



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