

258F 40x6 Antenna

FEATURES



- 2.34 dBi Peak Gain@2.4G
- 4.2 dBi Peak Gain@5.8G
- Welding RG 1.13 cable, Ipex connector, 3M sticker for easy installation.
- For smart device wireless, Zigbee, Bluetooth terminal

PRODUCTS

Part No.	Weight	Dimensions (L x WxH)	Cables Dimensions	Connector	Color
M01-0201370ROA		FPC:40.0*6.0*0.2 mm	Φ 1.13*100mm	IPEX1	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION	
Frequency Bands, MHz	2400-2500	5100-5900
VSWR (Max)	4.0:1	2.5:1
Peak Gain, dBi (Typ)	Up to 2.34 dBi@2.4G/Up to 4.20 dBi@5.8G	
Peak Efficiency, (%)	Up to 47.13%@2.4G/Up to 69.36%@5.8G	
Nominal Impedance	50 Ω	
Max Power (ambient temp of 25°C)	10 Watts	
Azimuth Beam Width (deg)	60°	
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	

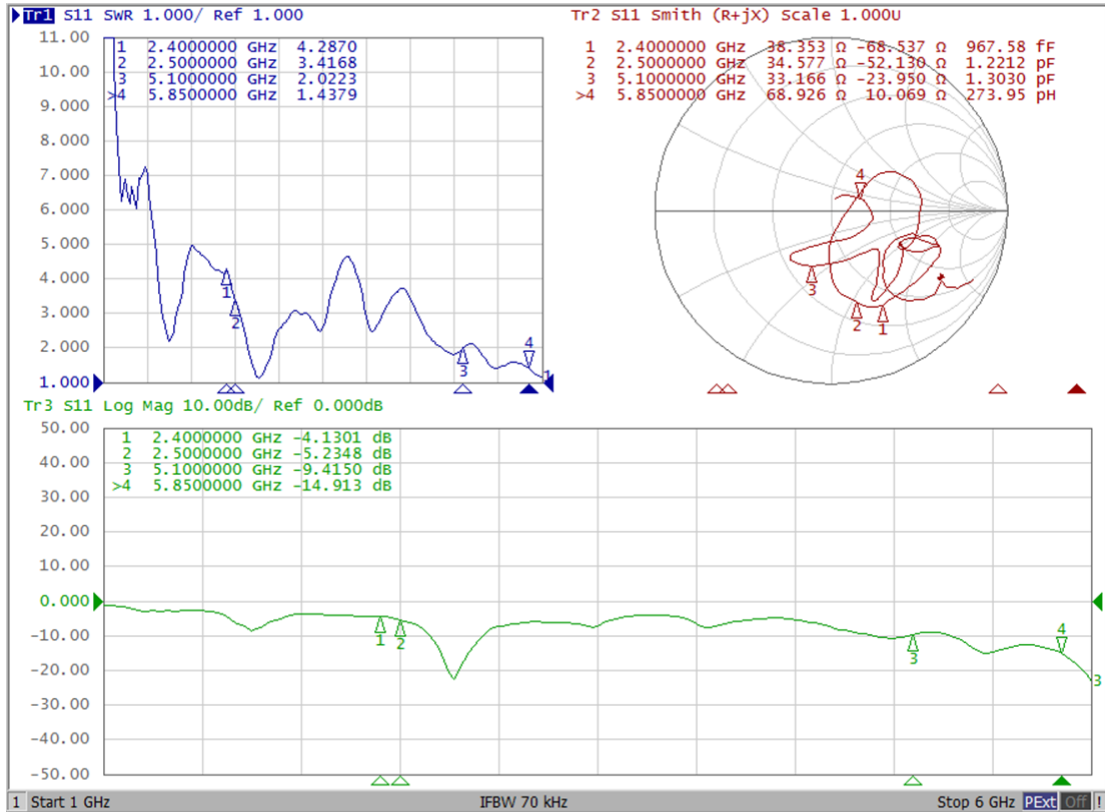
MyAntenna RF Technology Co., Ltd

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

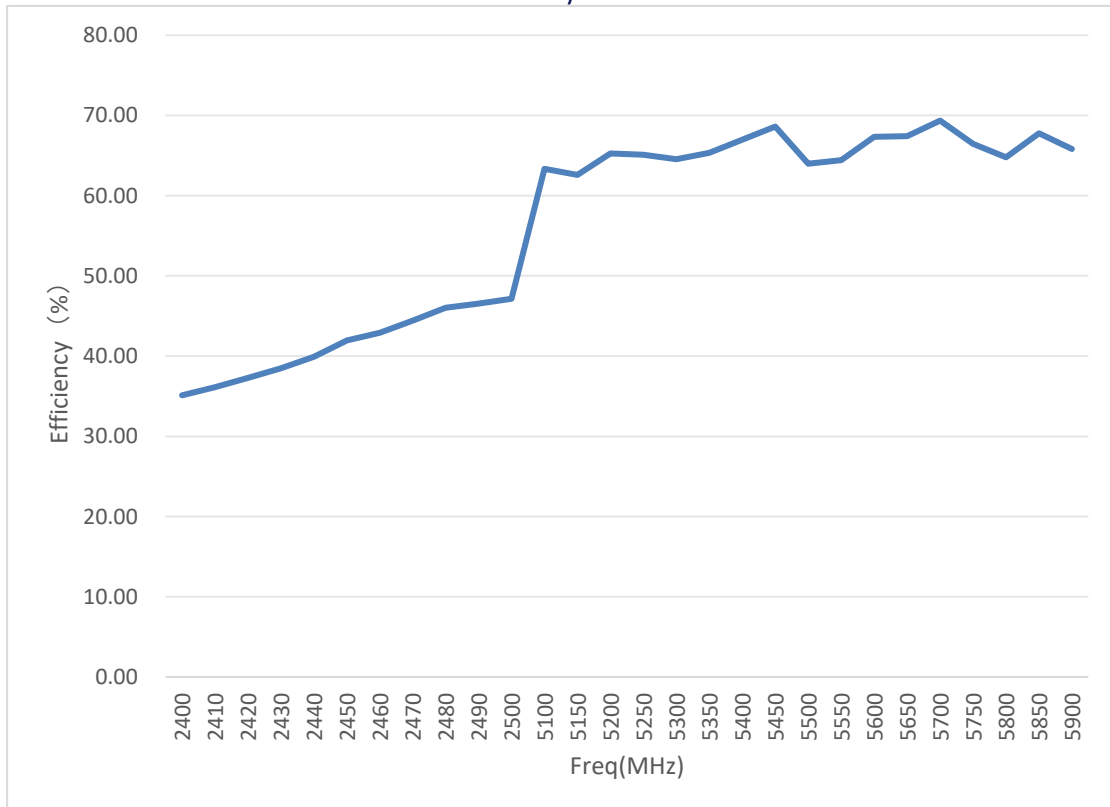
TEL: +86-0755-86503881 E-mail: nfc@myantenna.com

ELECTRICAL DATA

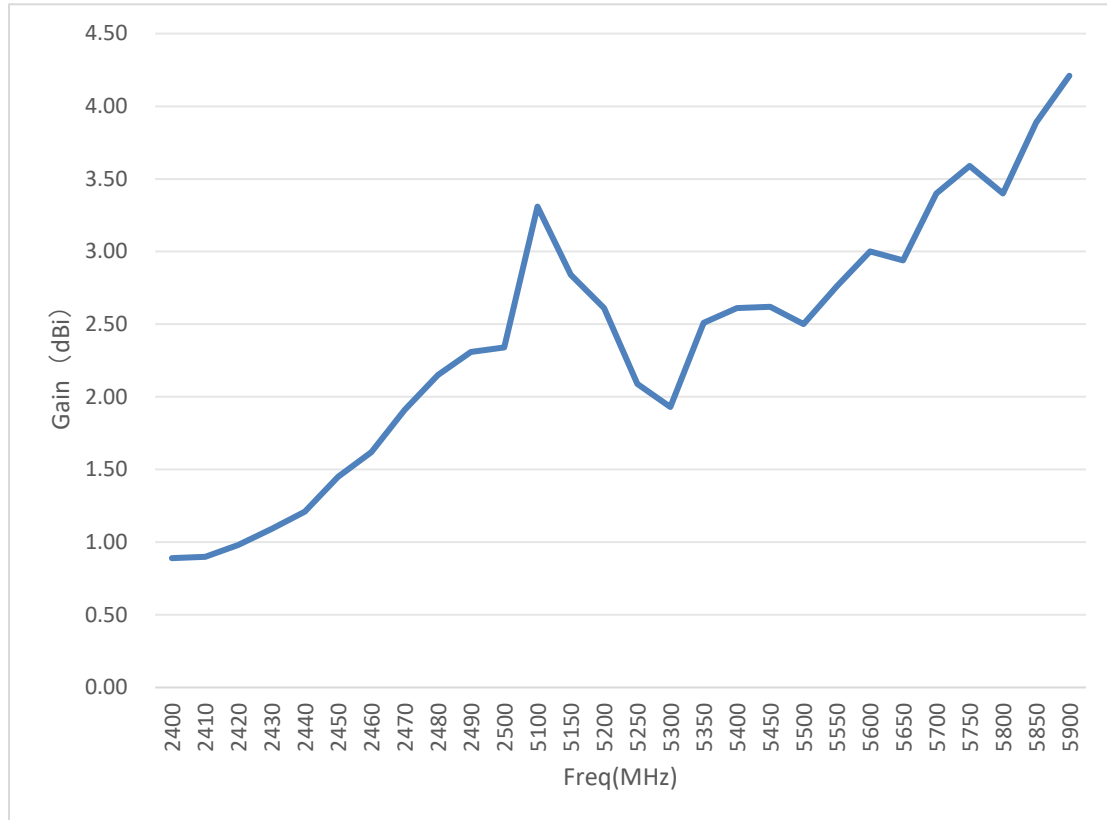
Return Loss



Efficiency (%)



Peak Gain (dBi)

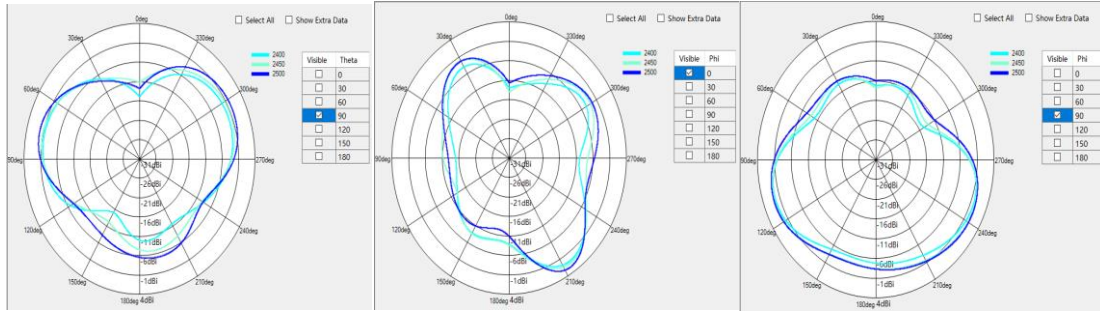


Data list

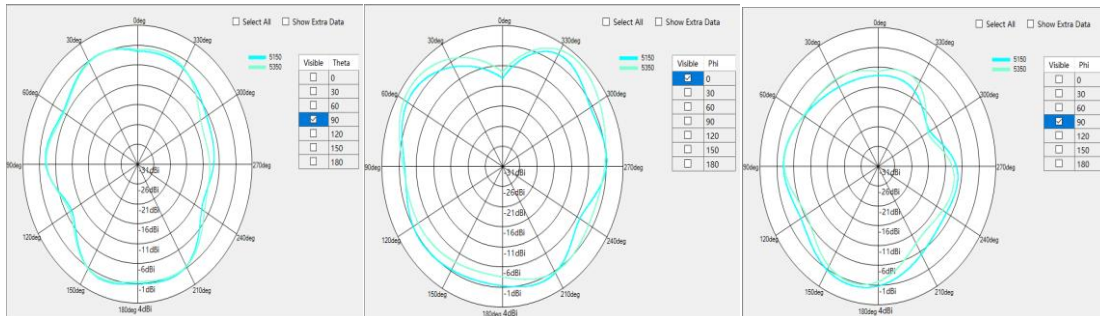
Freq (MHz)	Gain (dBi)	Efficiency (%)	Freq (MHz)	Gain (dBi)	Efficiency (%)
2400	0.89	35.11	5250	2.09	65.09
2410	0.90	36.14	5300	1.93	64.55
2420	0.98	37.28	5350	2.51	65.35
2430	1.09	38.50	5400	2.61	66.98
2440	1.21	39.92	5450	2.62	68.63
2450	1.45	41.95	5500	2.50	63.99
2460	1.62	42.91	5550	2.76	64.41
2470	1.91	44.43	5600	3.00	67.34
2480	2.15	46.03	5650	2.94	67.42
2490	2.31	46.55	5700	3.40	69.36
2500	2.34	47.13	5750	3.59	66.47
5100	3.31	63.34	5800	3.40	64.80
5150	2.84	62.57	5850	3.89	67.77
5200	2.61	65.25	5900	4.21	65.84

RADIATION PATTERNS

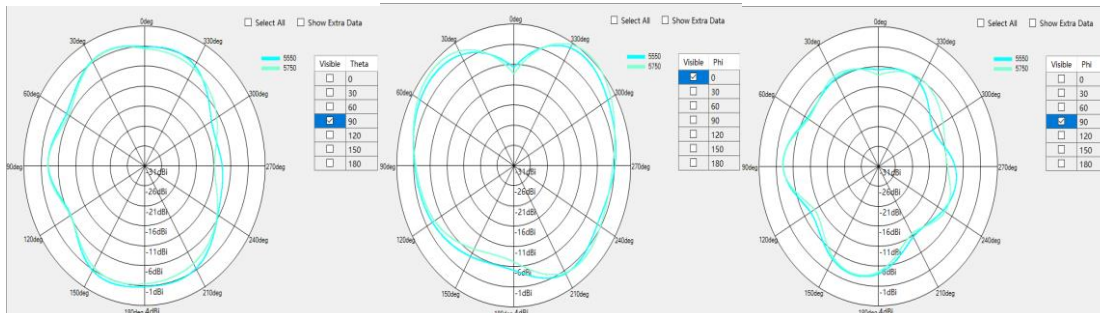
2D Radiation Pattern at 2450MHz Gain=1.45dBi



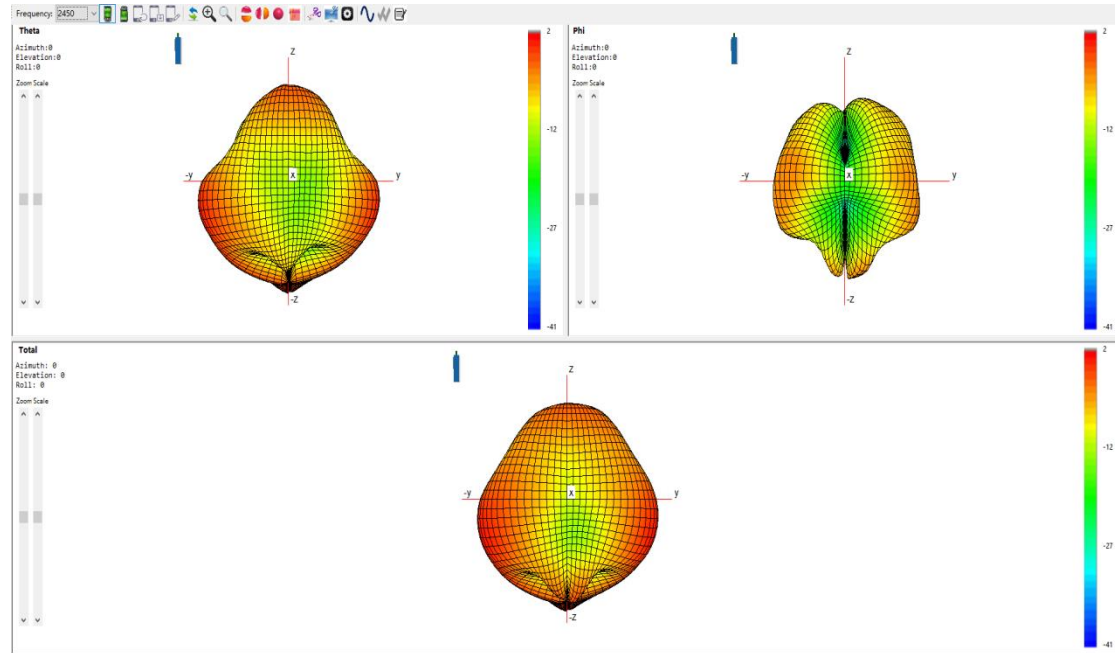
2D Radiation Pattern at 5150MHz Gain=2.84dBi



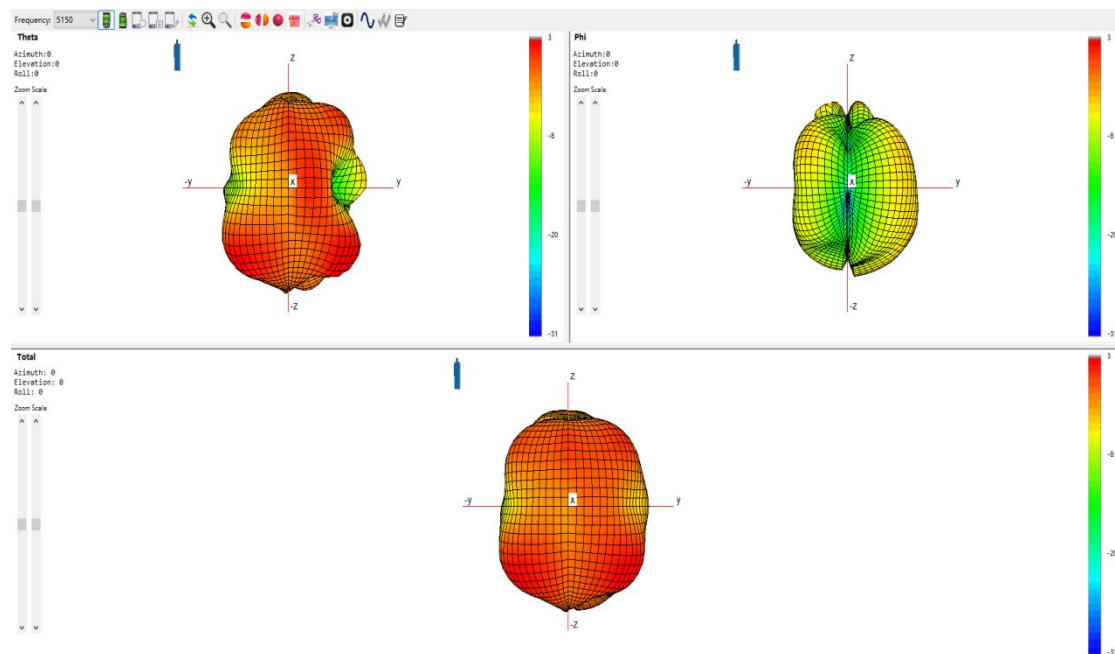
2D Radiation Pattern at 5750MHz Gain=3.59dBi



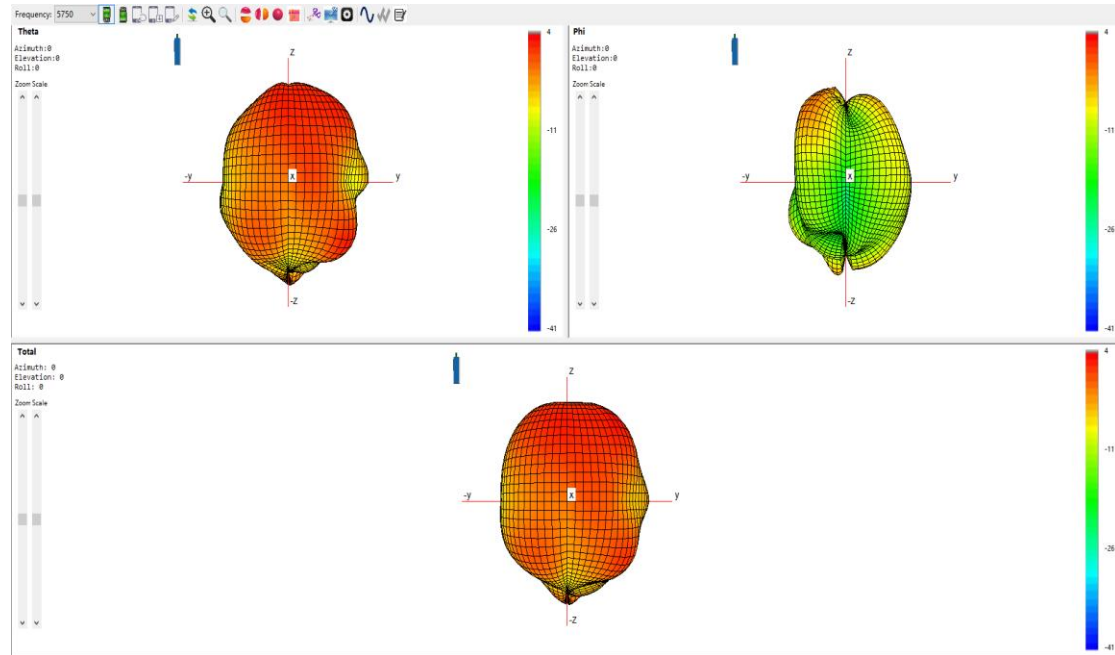
3D Radiation Pattern at 2450MHz Gain=1.45dBi



3D Radiation Pattern at 5150MHz Gain=2.84dBi



3D Radiation Pattern at 5750MHz Gain=3.59dBi



HOUSING CONFIGURATIONS

