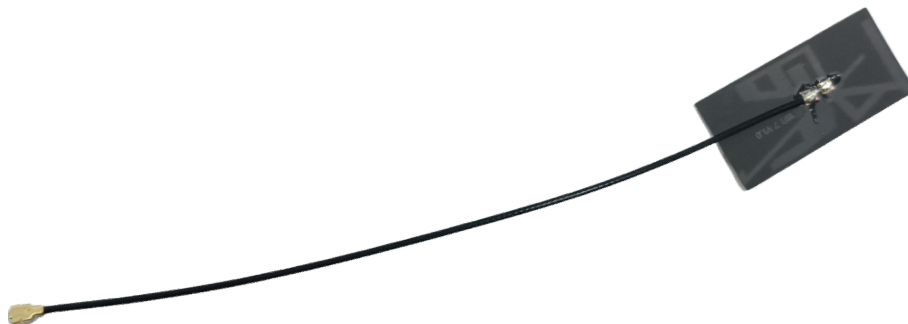


WIFI 7-1 Antenna

FEATURES



- 2.37 dBi Peak Gain@2.4G
- 4.12 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
AIWF015		FPC:37.4*17.5*0.2 mm	Φ1.13*145mm	IPEX1	Black

SPECIFICATIONS

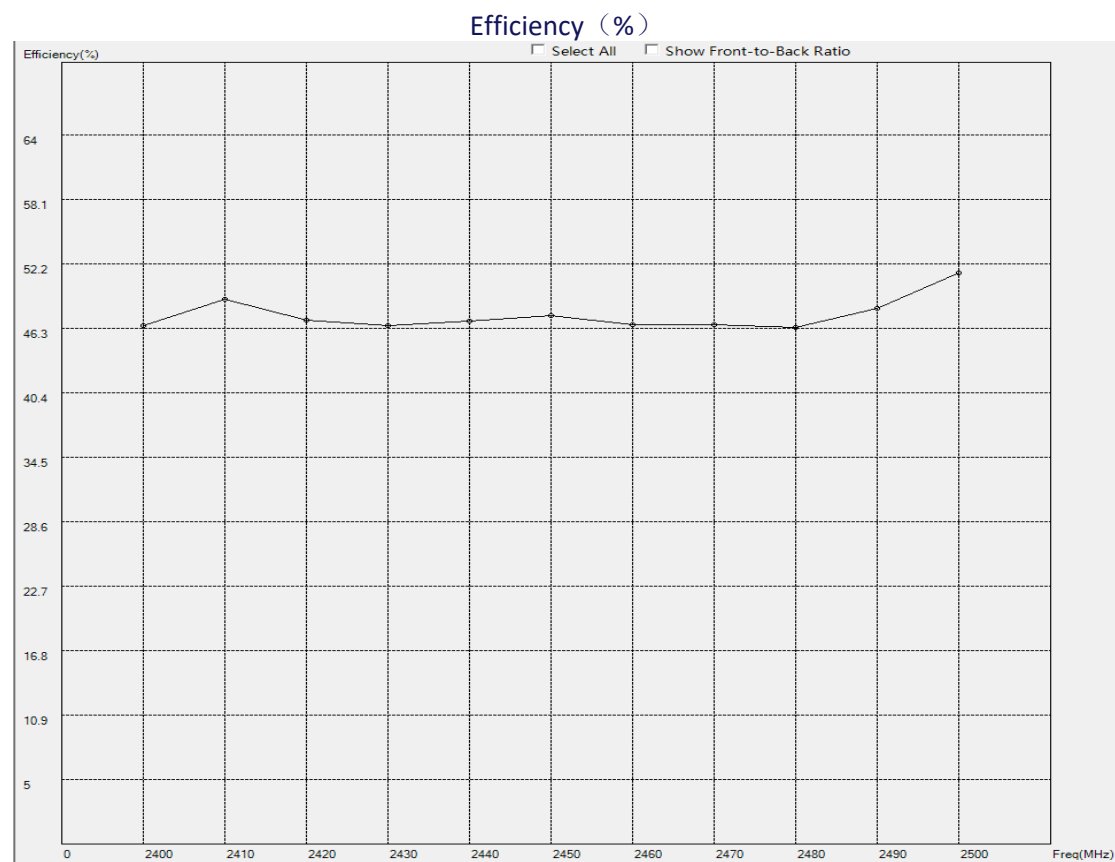
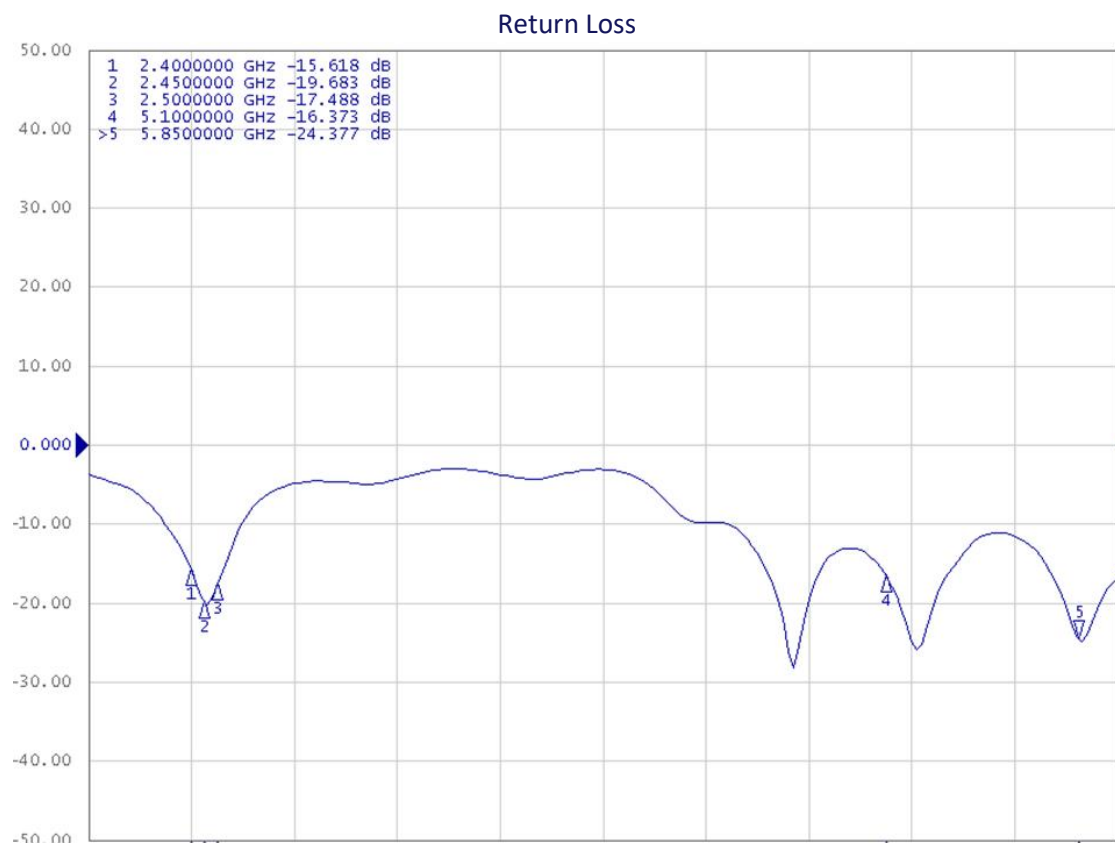
PARAMETER	SPECIFICATION	
Frequency Bands, MHz	2400-2500	5100-5900
VSWR (Max)	3.0:1	3.0:1
Peak Gain, dBi (Typ)	Up to 2.37 dBi@2.4G/Up to 4.12 dBi@5.8G	
Nominal Impedance	50 Ω	
Max Power (ambient temp of 25°C)	10 Watts	
Azimuth Beam Width (deg)	60°	
Polarization	Linear	
Color	Black	
Storage Temperature Range (°C)	-40° C to +85° C	
Operational Temperature Range (°C)	-40° C to +85° C	
Material Substance Compliance	REACH/RoHS Compliant	
HSCODE	8517707090	
USHSCODE	8517620010	
UPC		

MyAntenna RF Technology Co., Ltd

ADD: No. RM 405, R3-A Building, Shenzhen High-Tech Park, Nanshan, Shenzhen, P.R. China.

TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@myantenna.com

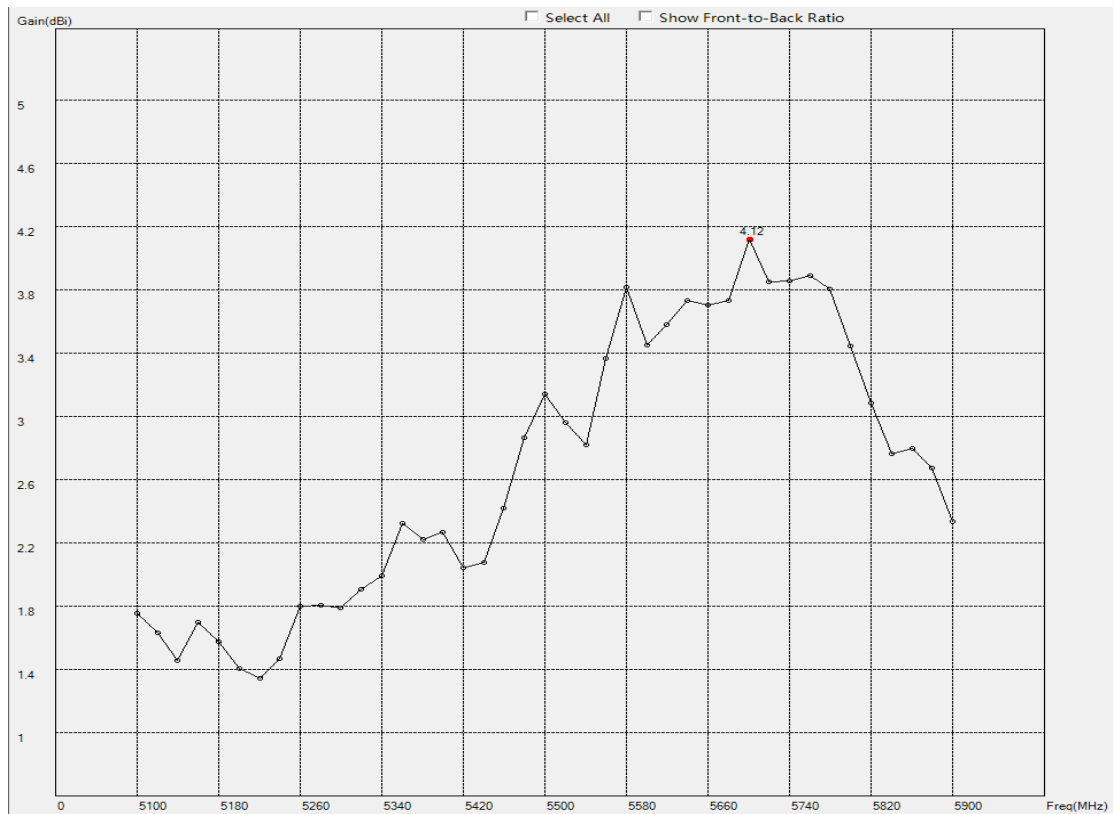
ELECTRICAL DATA





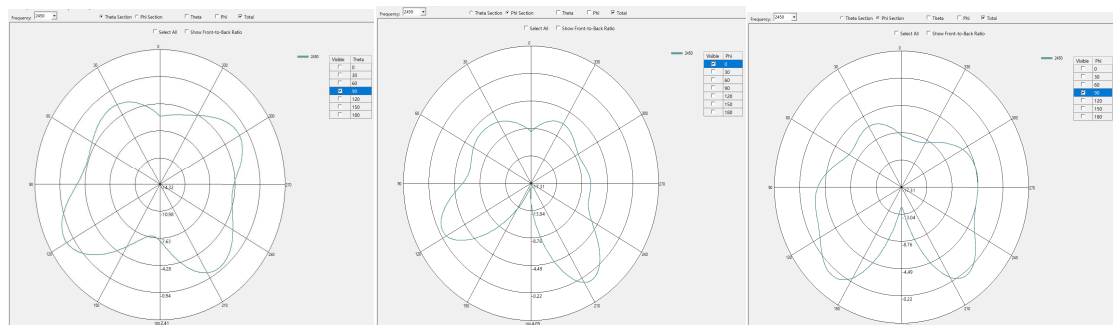
Peak Gain (dBi)



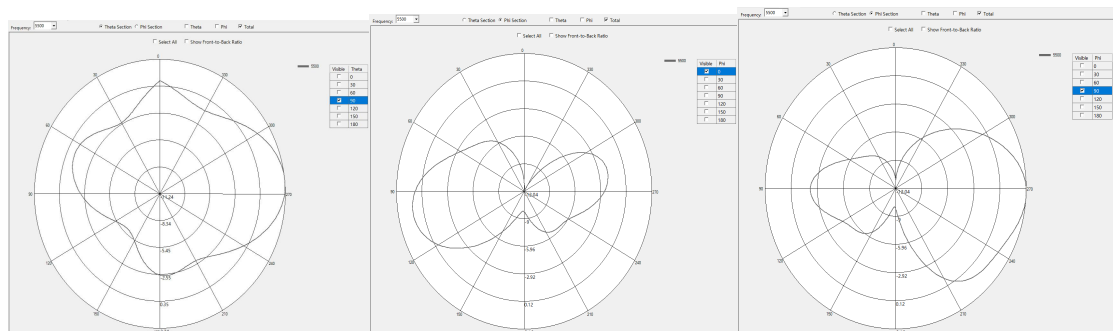


RADIATION PATTERNS

2D Radiation Pattern at 2450MHz



2D Radiation Pattern at 5500MHz



Antenna Gain

Frequency(MHz)	Efficiency(%)	Gain(dBi)
2400	46.40%	2.1
2410	48.20%	2.25
2420	46.60%	1.85
2430	46.40%	1.89
2440	46.60%	2.03
2450	47%	2.1
2460	46.30%	2.08
2470	46.30%	2.08
2480	46.40%	2.02
2490	47.20%	2.15
2500	50%	2.38
5100	53%	1.75
5180	54.20%	1.6
5260	58.20%	1.8
5340	57.80%	1.95
5420	53.30%	2.1
5500	56.50%	3.18
5580	57.20%	3.82
5660	56.80%	3.73
5740	60.20%	3.83
5820	57.50%	3.33
5900	46.40%	2.35

HOUSING CONFIGURATIONS

