

UWB FPC Antenna

FEATURES



- 5.22 dBi Peak Gain
- Welding RG 1.13 cable, Ipex connector, 3M sticker for easy installation.
- Mounting to: non-conductive surface
- Installation type: adhesive
- Widely used in fields such as wireless multimedia communication, radar, precision positioning, wall penetration detection, imaging, and measurement



PRODUCTS

Part No.	Weight	Dimensions (L x WxH)	Cables Dimensions	Connector	Color
AIUF005	0.60g	FPC:17.4*37.3*0.2 mm	Φ 1.13*100mm	IPX1	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Bands, MHz	3100-8000
VSWR (Max)	3.0:1
Peak Gain, dBi (Typ)	Up to 5.22
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	10 Watts
Azimuth Beam Width (deg)	Omnidirectional
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	

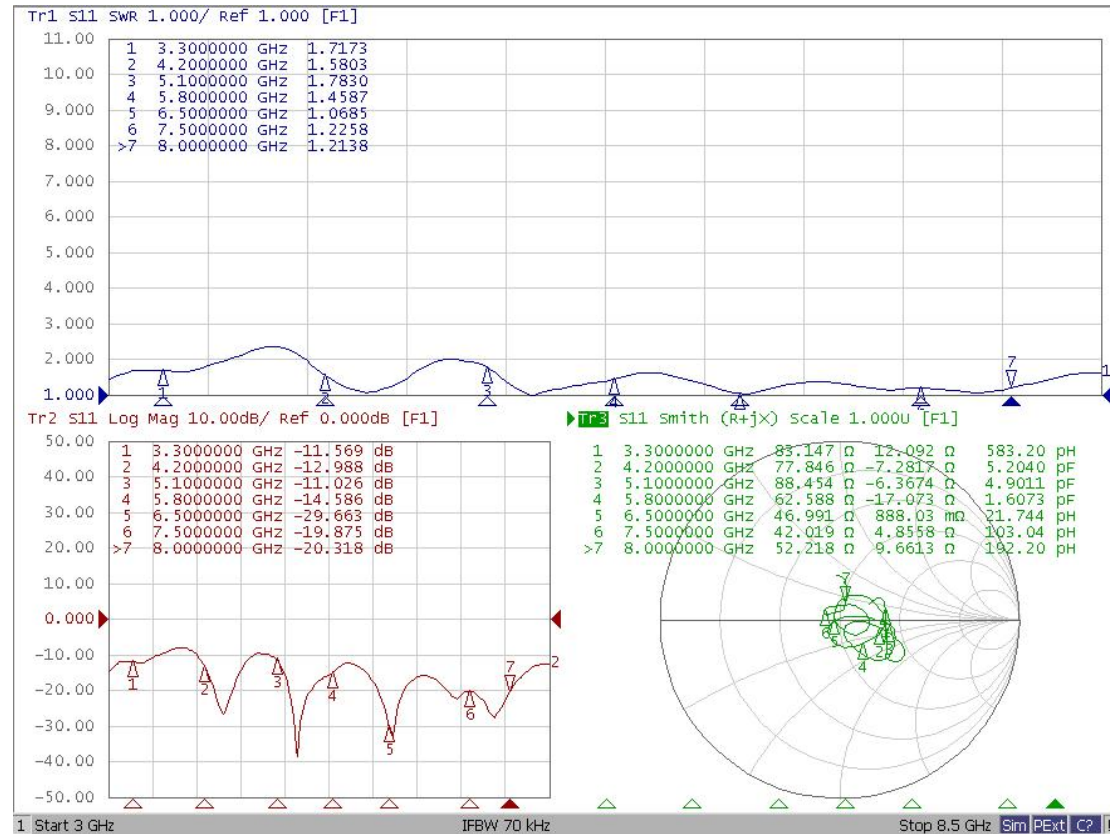
MyAntenna RF Technology Co., Ltd

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

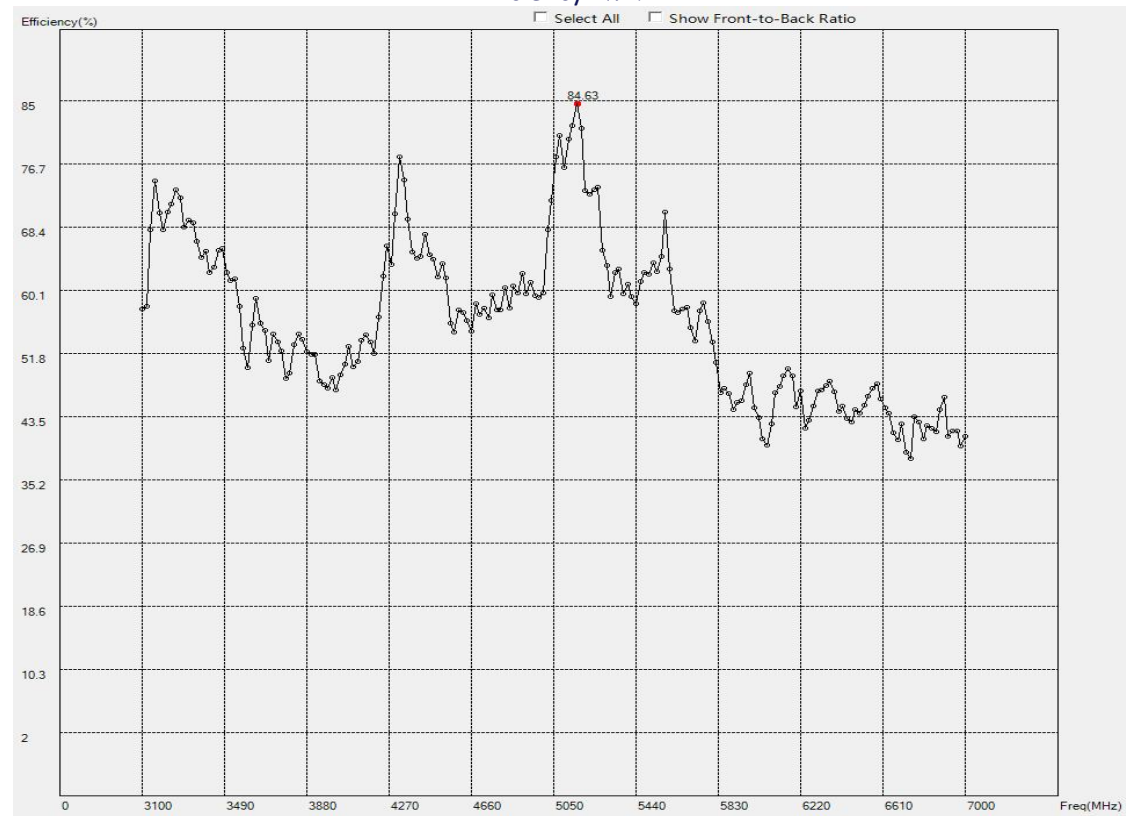
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@myantenna.com

ELECTRICAL DATA

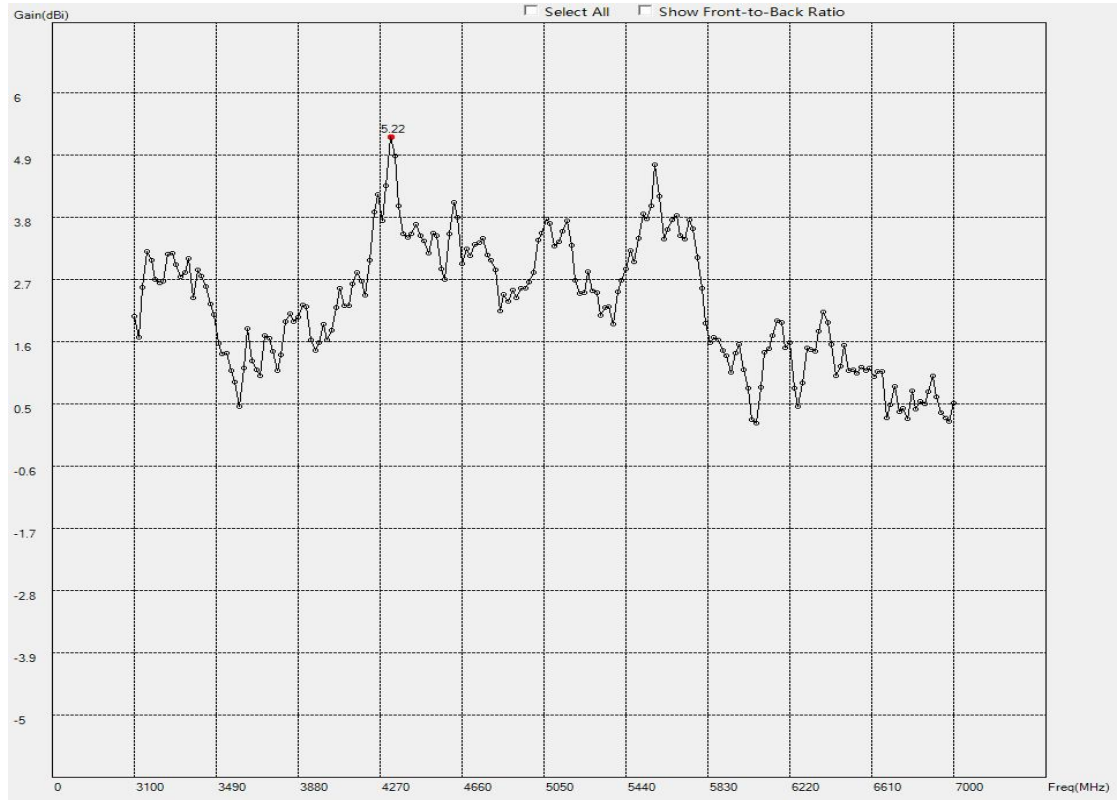
VSWR



Efficiency (%)

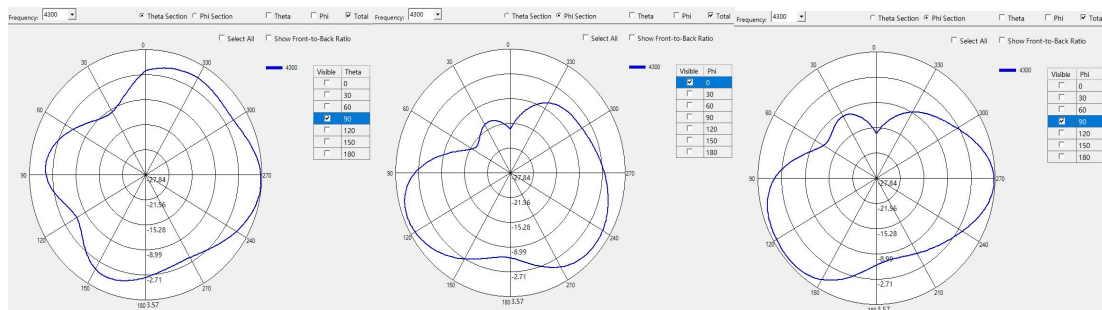


Peak Gain (dBi)



RADIATION PATTERNS

2D Radiation Pattern at 4300MHz

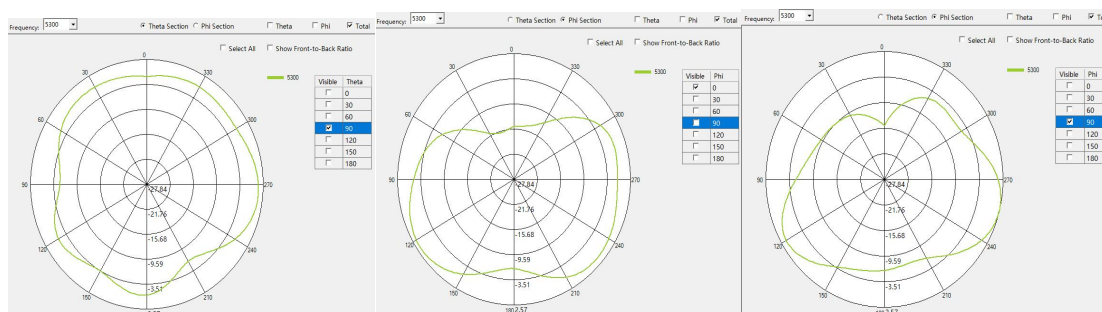


H

E1

E2

2D Radiation Pattern at 5300MHz



H

E1

E2

HOUSING CONFIGURATIONS

