

2.4 GHz FPC Dipole Antenna

FEATURES



- 2.4 dBi Peak Gain
- Welding RG 1.13 cable, Ipex connector, 3M sticker for easy installation.
- For smart device wireless, Zigbee, Bluetooth terminal wireless receiving antenna transmitter antenna
- Mounting to: non-conductive surface
- Installation type: adhesive

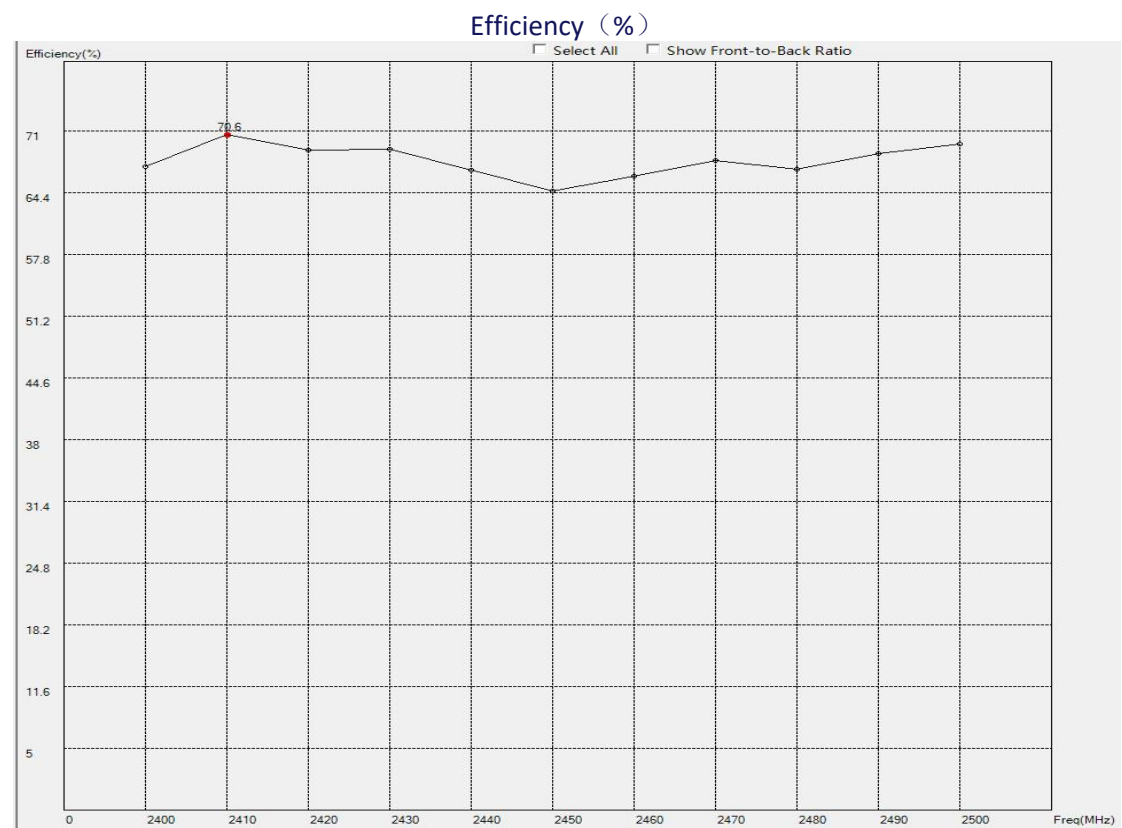
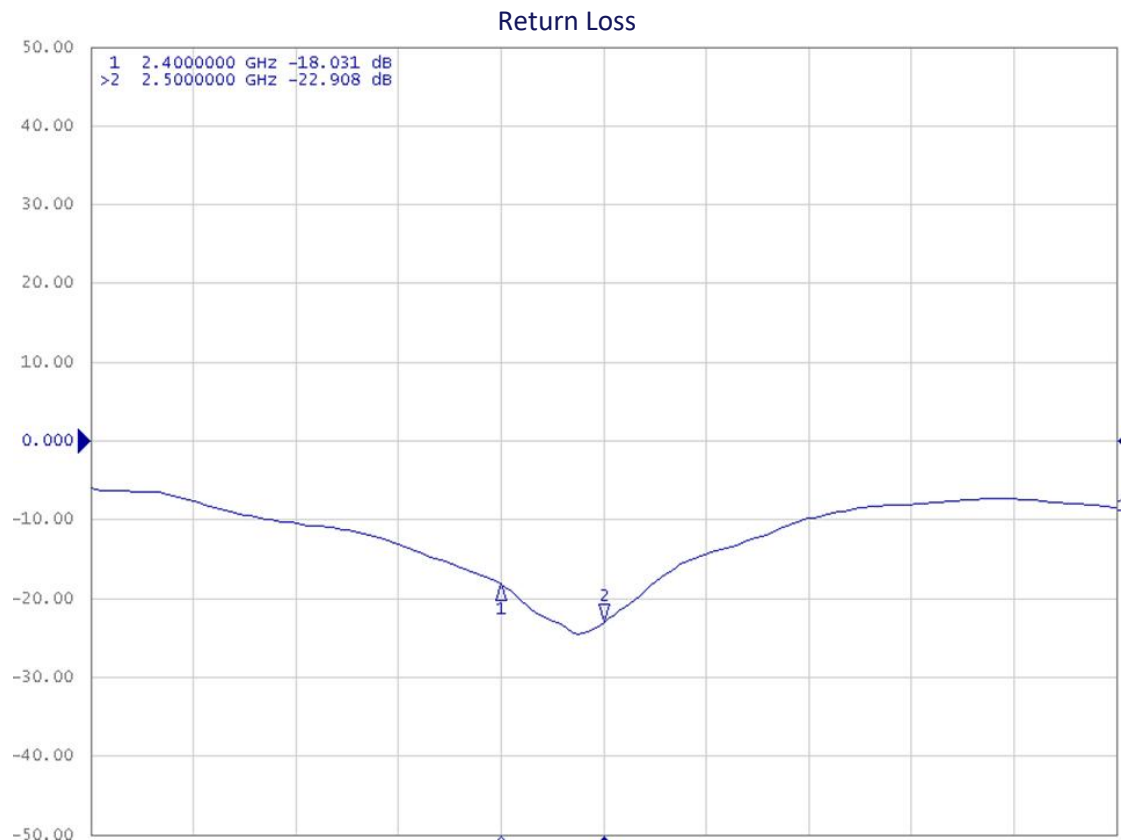
PRODUCTS

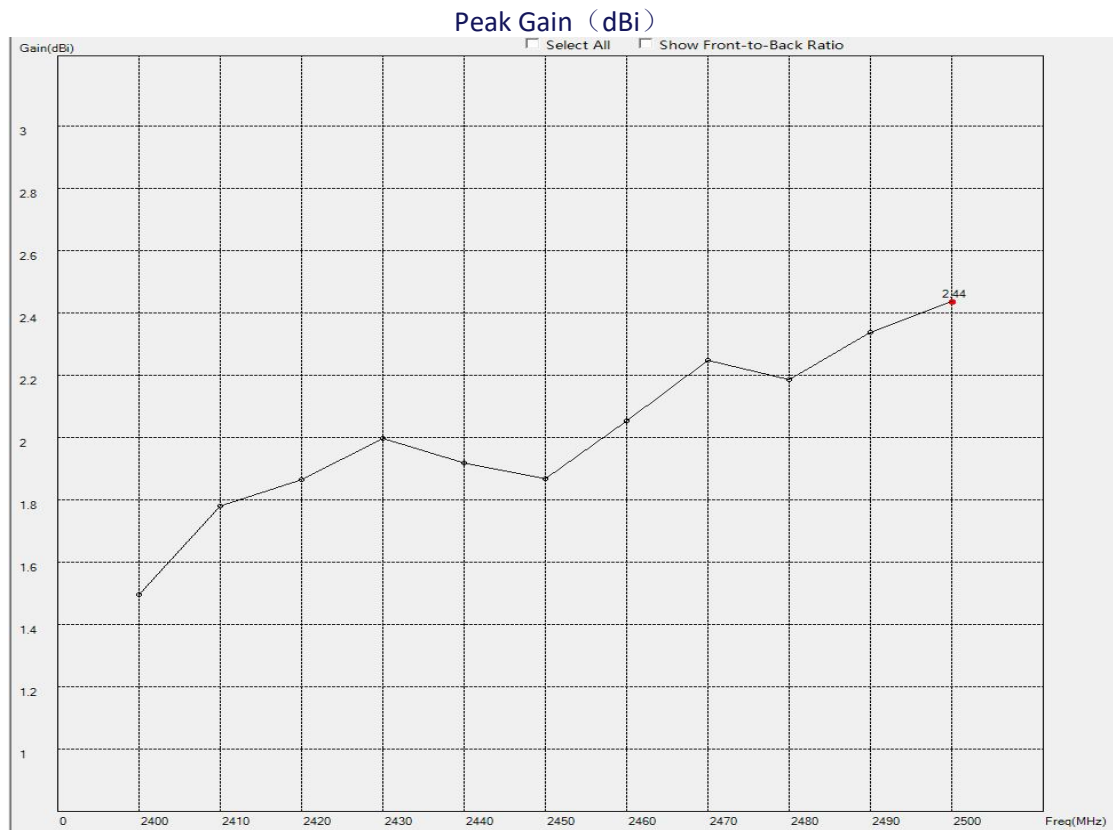
Part No.	Weight	Dimensions (L x WxH)	Cables Dimensions	Connector	Color
AIWF019	0.43g	FPC:47.0*14.5*0.2mm	Φ 1.13*100mm	IPX1	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Bands, MHz	2400-2500
VSWR (Max)	3.0:1
Peak Gain, dBi (Typ)	Up to 2.4
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	10 Watts
Azimuth Beam Width (deg)	Omnidirectional
Polarization	Linear, Omnidirectional
Color	Black
Storage Temperature Range (°C)	-40° C to +85° C
Operational Temperature Range (°C)	-30° C to +80° C
Material Substance Compliance	REACH/RoHS Compliant
HSCODE	8517707090
USHSCODE	8517620010
UPC	

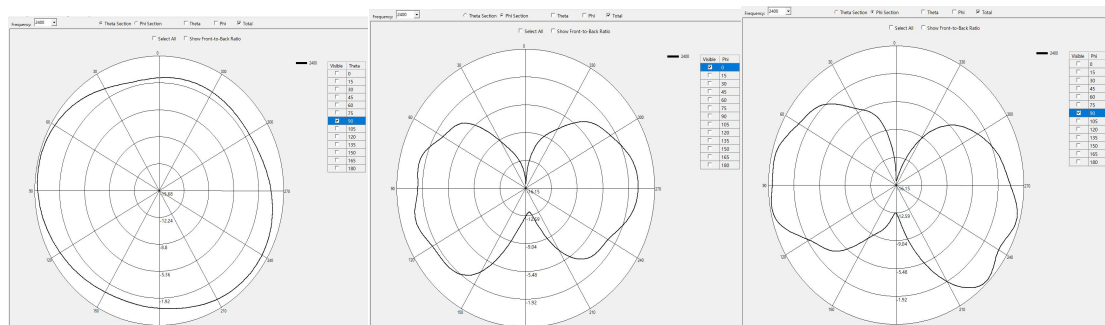
ELECTRICAL DATA



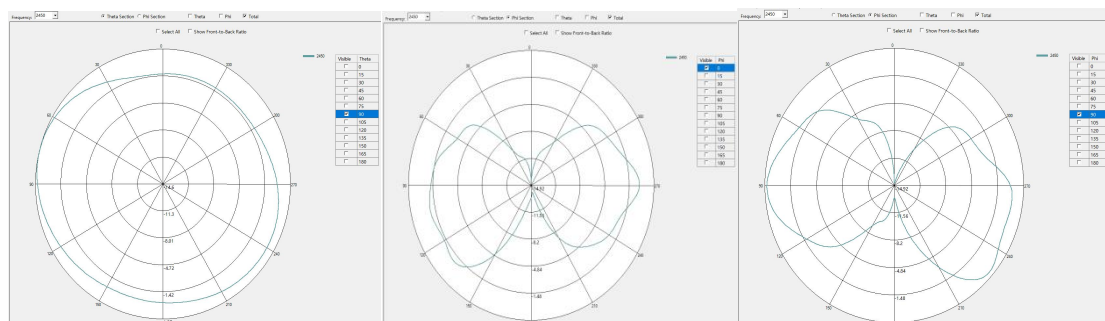


RADIATION PATTERNS

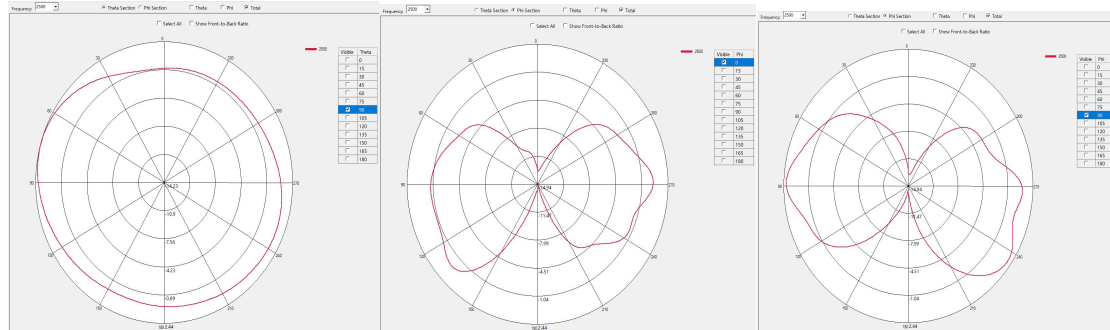
2D Radiation Pattern at 2400MHz



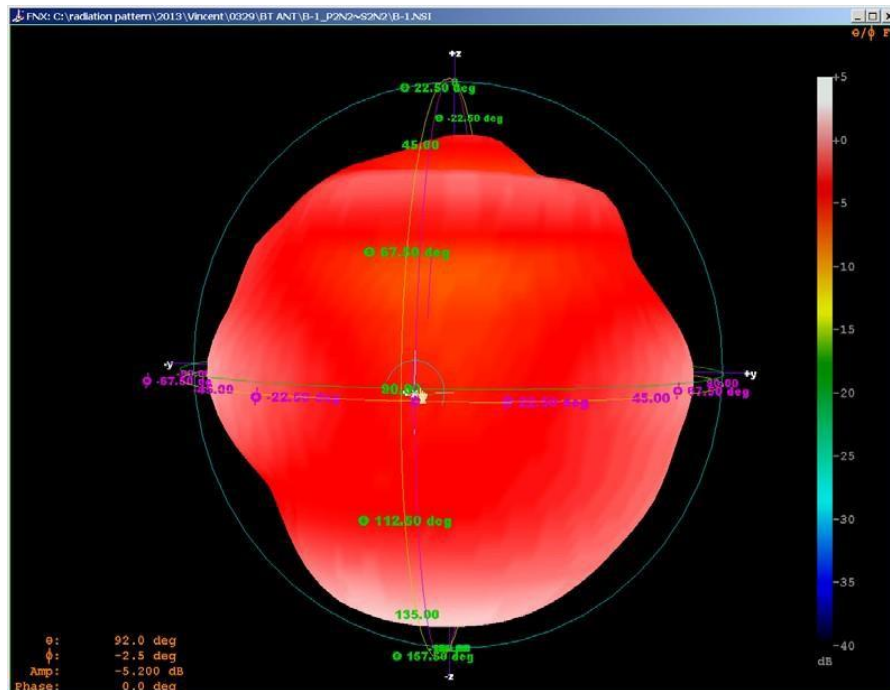
2D Radiation Pattern at 2450MHz



2D Radiation Pattern at 2500MHz



3D radiation pattern diagram



HOUSING CONFIGURATIONS

