

4G-42.2x25.5mm FPC Antenna

FEATURES



- 2.71 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
AICF001	0.70g	FPC:42.2*25.5*0.2 mm	Φ 1.13*100.0mm	IPX1	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION	
Frequency Bands, MHz	698-960	1710-2690
VSWR (Max)	9:1	3.0:1
Peak Gain, dBi (Typ)	Up to 2.71	
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 +80° C	
Operational Temperature Range (°C)	-40° C to +80° C	
Material Substance Compliance	REACH/RoHS Compliant	
HSCODE	8534009000	
UPC		

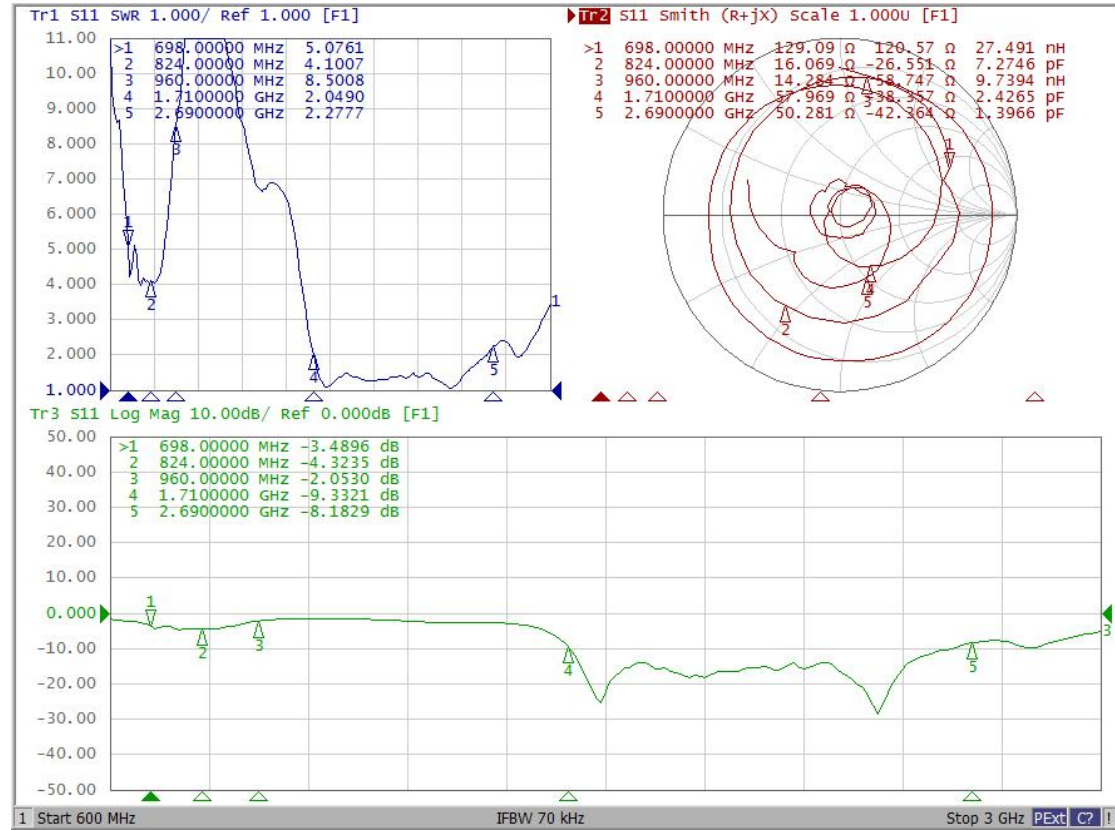
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ELECTRICAL DATA

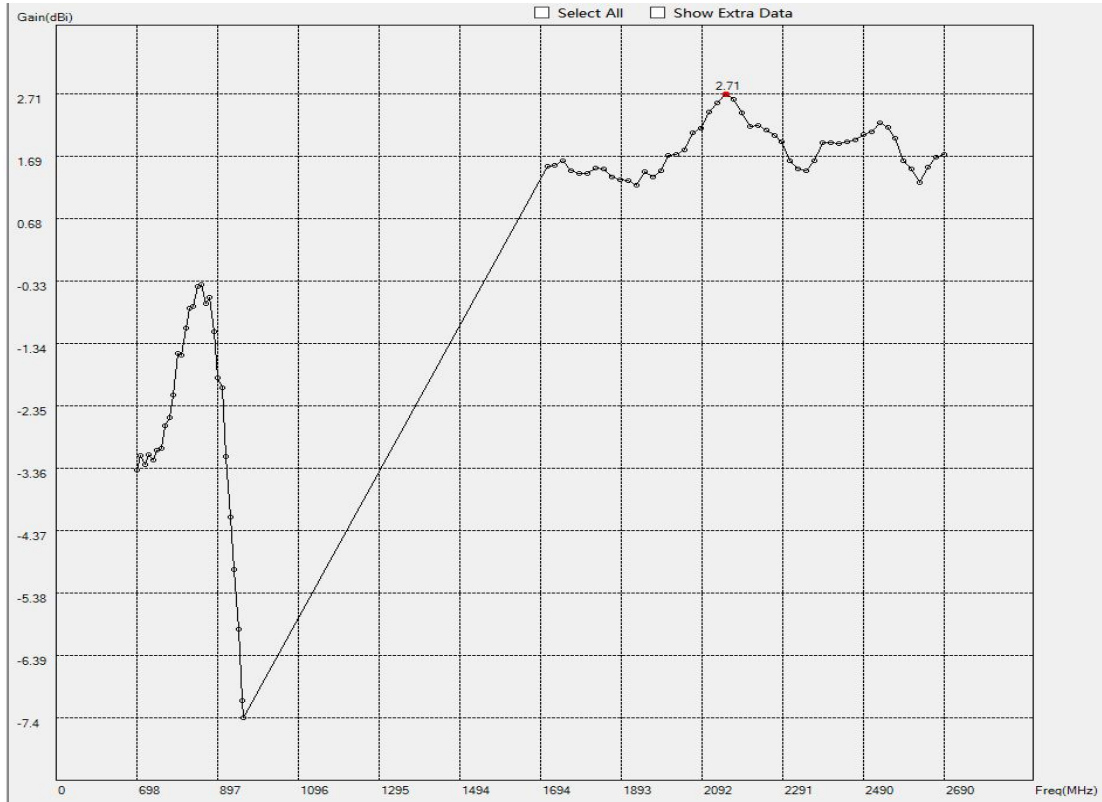
Return Loss



Efficiency (%)

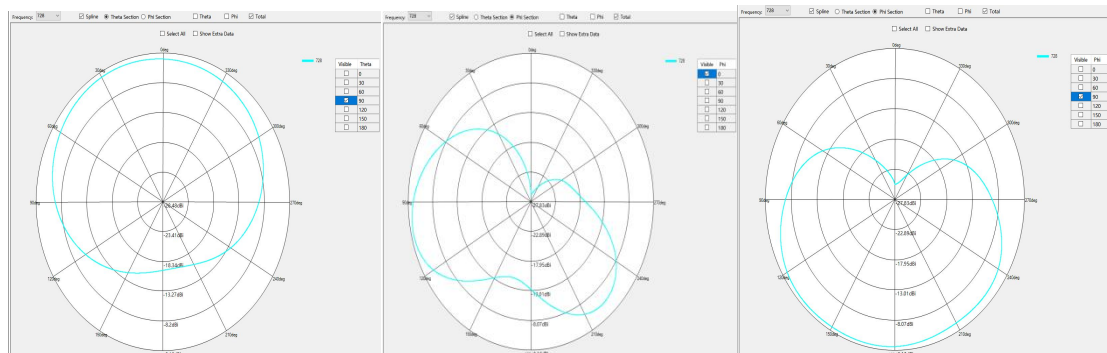


Peak Gain (dBi)

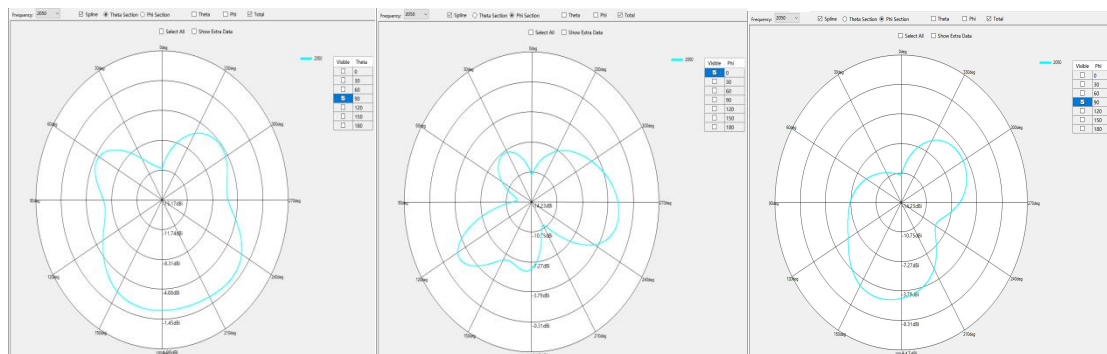


RADIATION PATTERNS

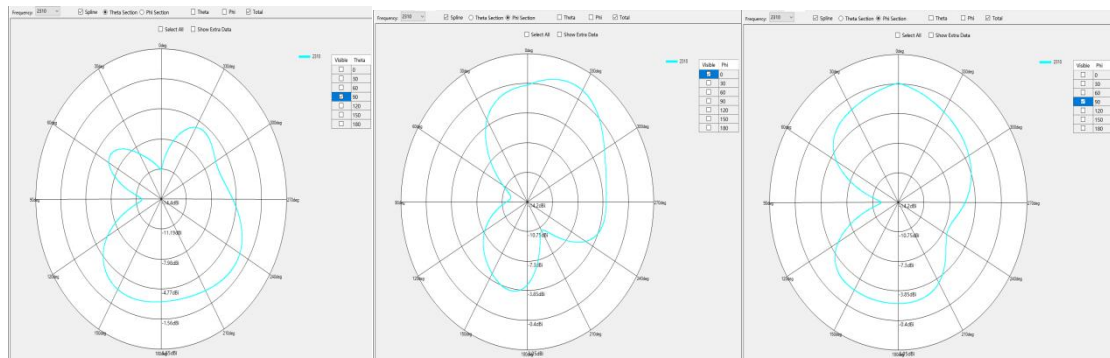
2D Radiation Pattern at 728MHz Gain=-3.13dBi



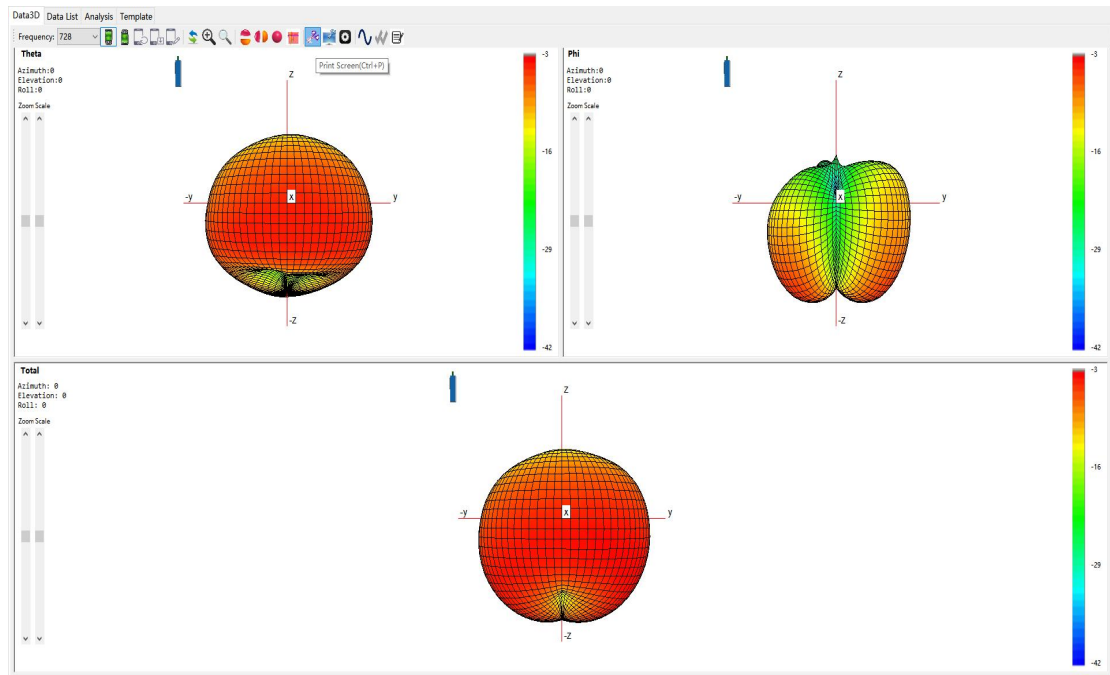
2D Radiation Pattern at 2050MHz Gain=1.81dBi



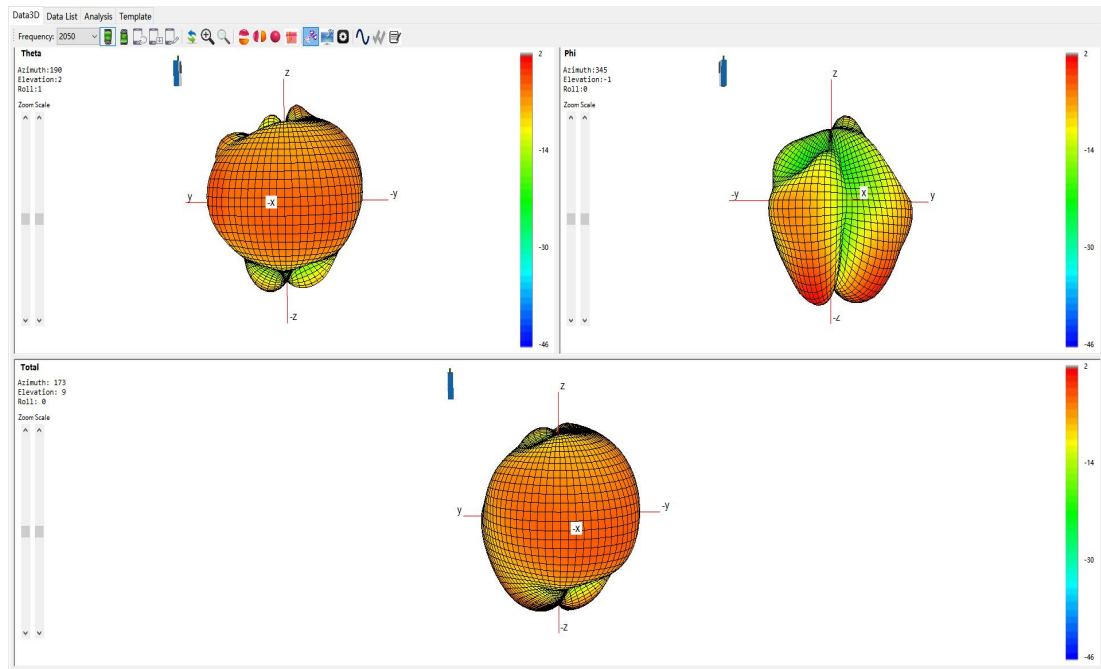
2D Radiation Pattern at 2310MHz Gain=1.63dBi



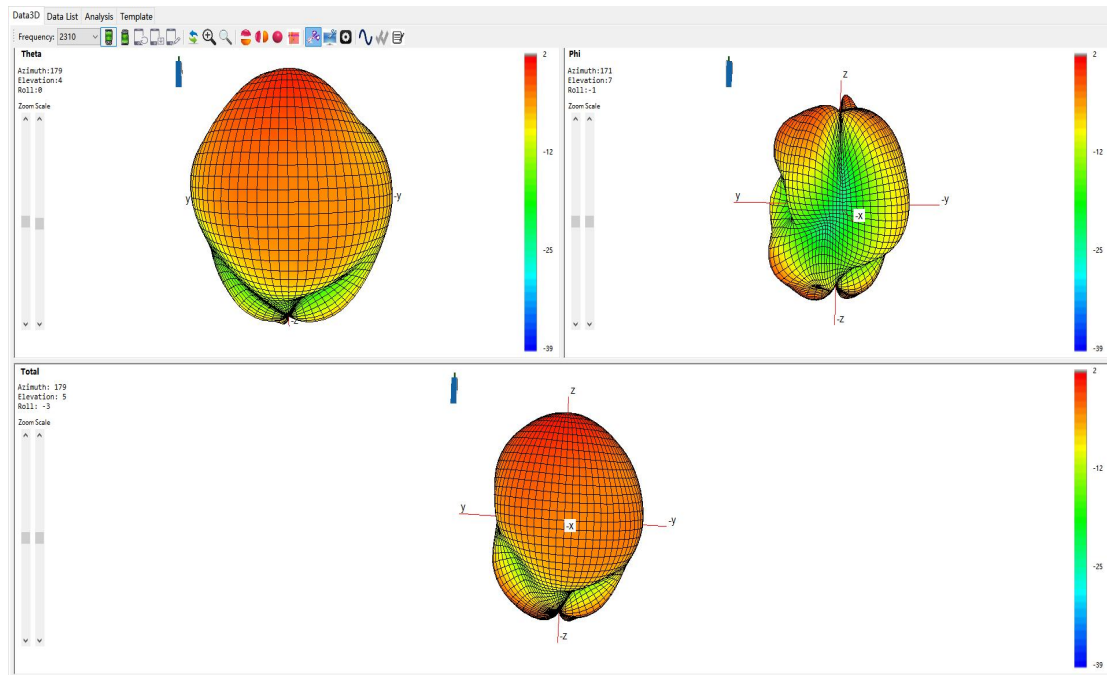
3D Radiation Pattern at 728MHz Gain=-3.13dBi



2D Radiation Pattern at 2050MHz Gain=1.81dBi



2D Radiation Pattern at 2310MHz Gain=1.63dBi



HOUSING CONFIGURATIONS

