

Onboard Bluetooth Antenna

FEATURES

- 2.89dBi Peak Gain@2.4G
- Welding RG 1.13 cable, IpeX connector, 3M sticker for easy installation.
- For smart device wireless, Zigbee, Bluetooth terminal

PRODUCTS

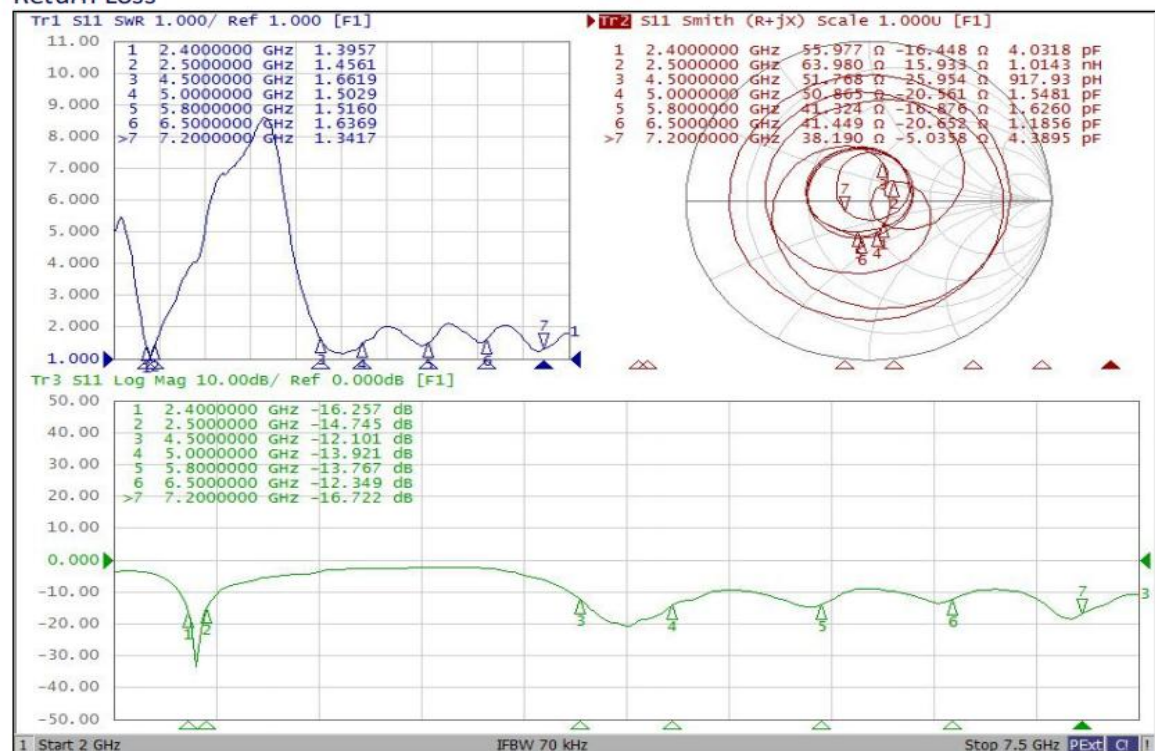
Onboard Bluetooth antenna

SPECIFICATIONS

PARAMETER	SPECIFICATION	
Frequency Bands, MHz	2400-2500	4900-7200
VSWR (Max)	1.6:1	2.2:1
Peak Gain, dBi (Typ)	Up to 2.89 dBi@2.4G/Up to 5.46 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	

ELECTRICAL DATA

Return Loss

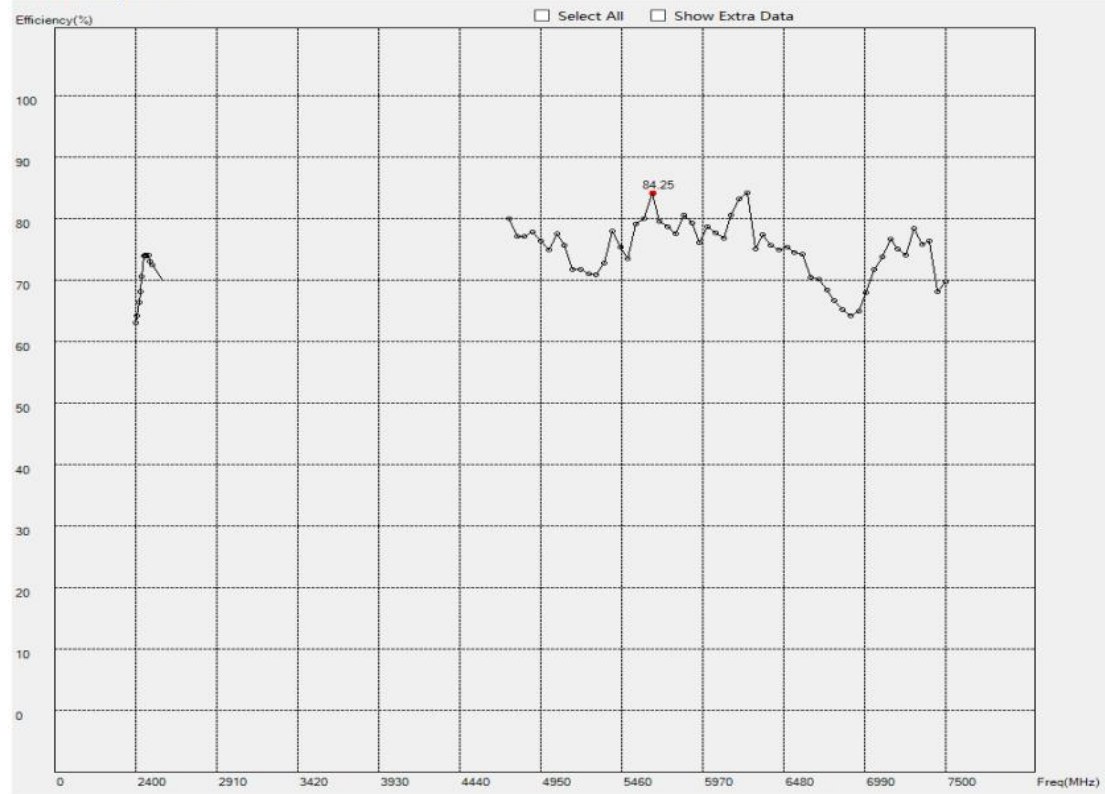


RADIATION PATTERNS

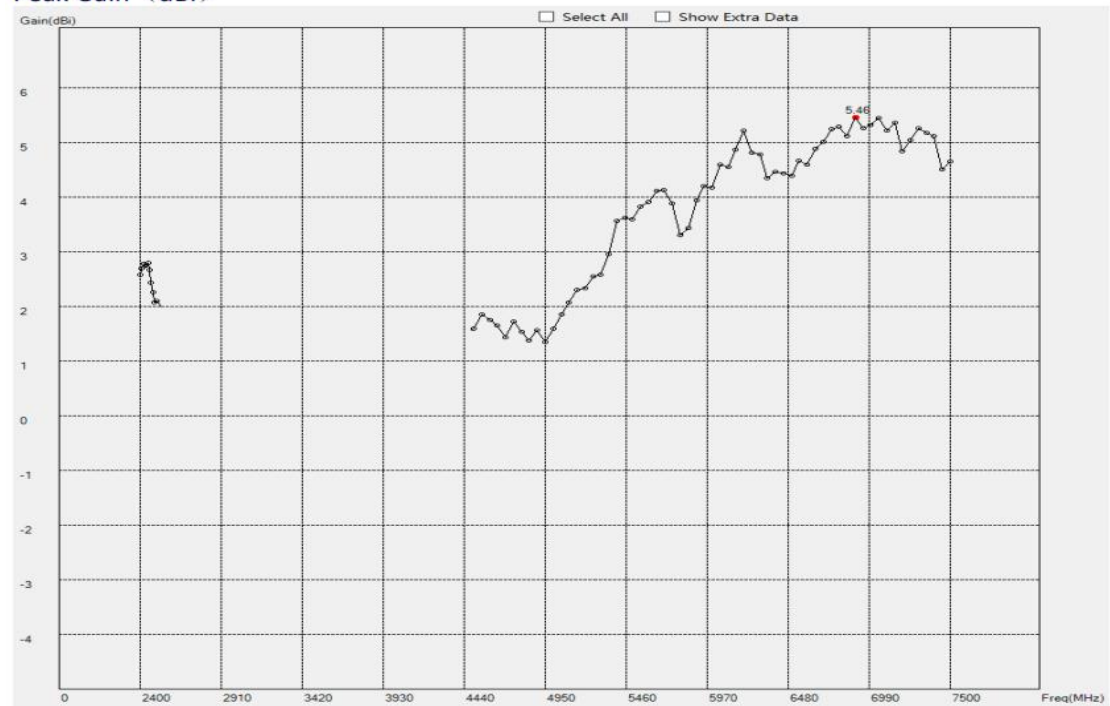
Antenna gain : 2.89dBi

Maximum antenna gain :2.89dBi

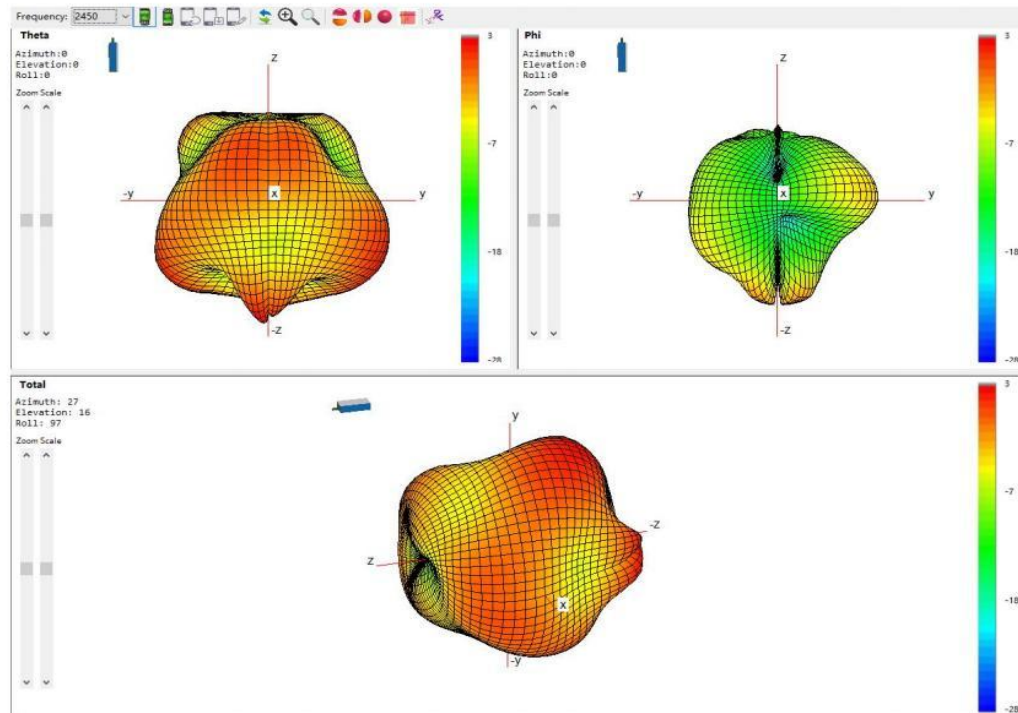
Efficiency (%)



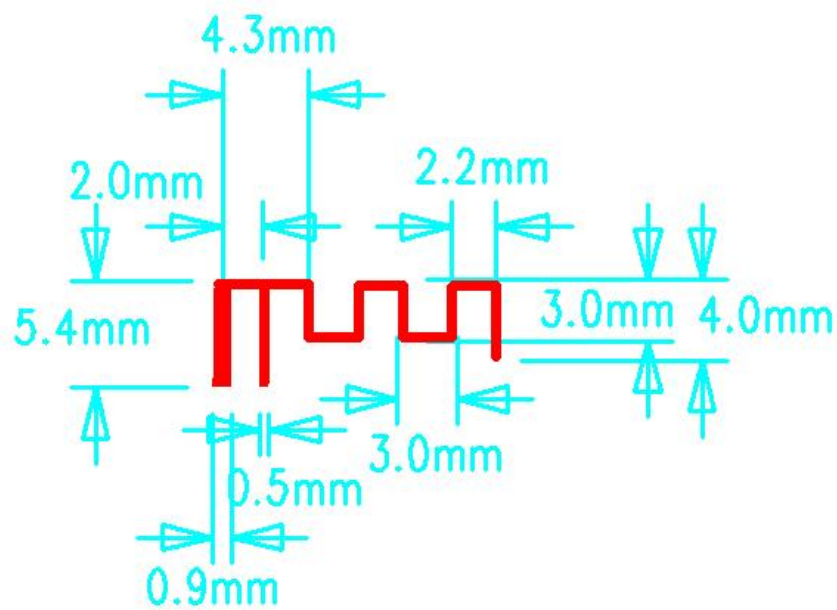
Peak Gain (dBi)



3D Radiation Pattern at 2450MHz Gain=2.89dBi



Antenna size information:



Photographs of the real thing:



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