

## Product Specification



Dimension : 34.5mmx9.5mmx0.3mm

### ➤ Applications

- Tracking Devices
- Tablets
- Laptops
- Automotive

### ➤ Features

- FPC High Efficiency Dual Bands WIFI Antenna(2.4GHz & 5Ghz) or BT 2.4GHz
- Linear Polarization
- Omni-Directional
- RF cable with IPEX Connector
- Miniature and Light Weight
- RoHS Compliance
- 3M300LSE adhesive
- Cable length :default 250mm (Optional)

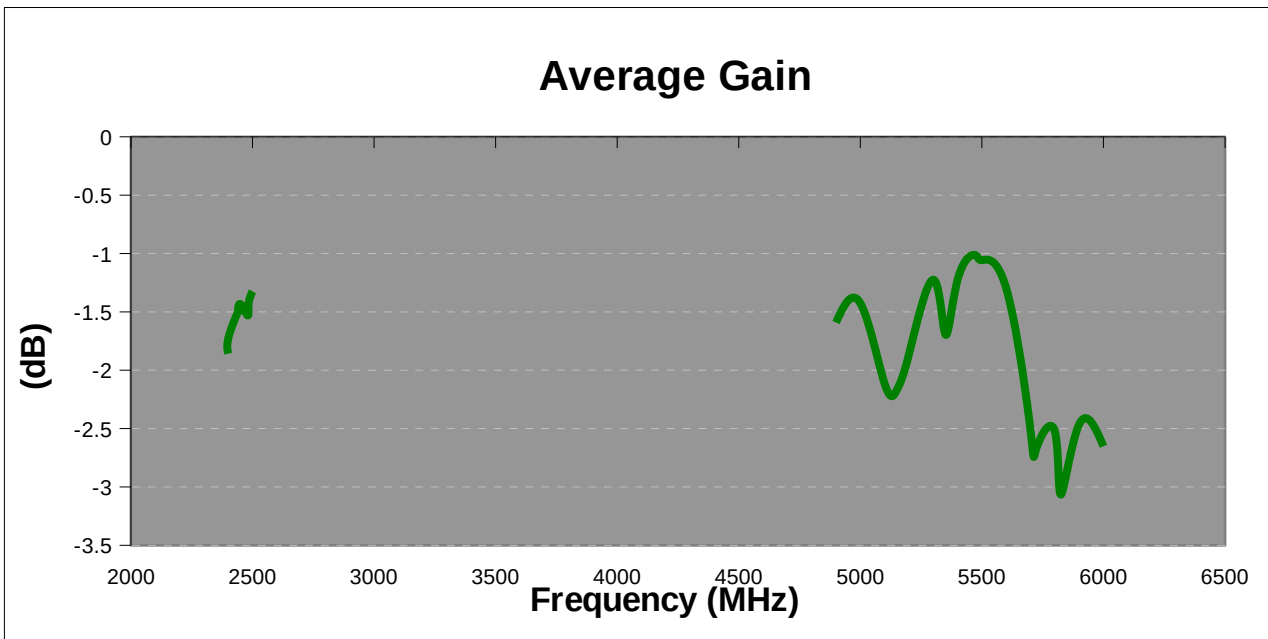
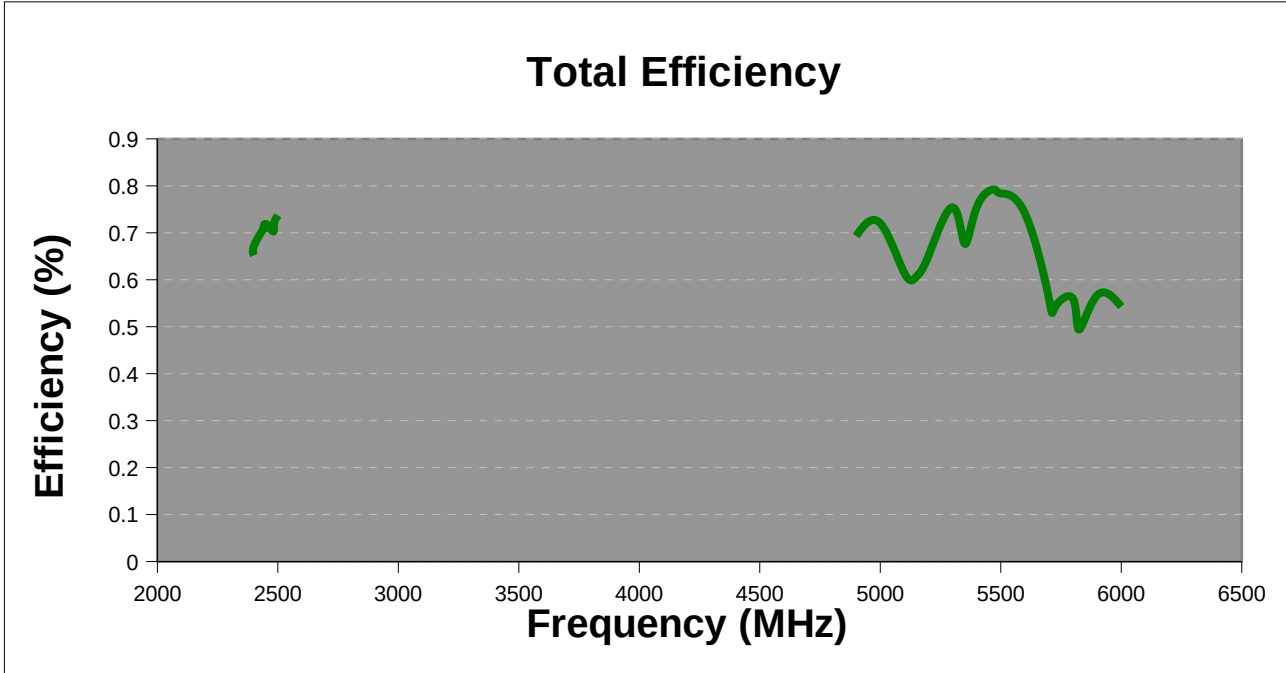
Flex BT/WIFI Dual Bands Antenna (2.4GHz & 5GHz)  
Part No. GADWIFI-DI02

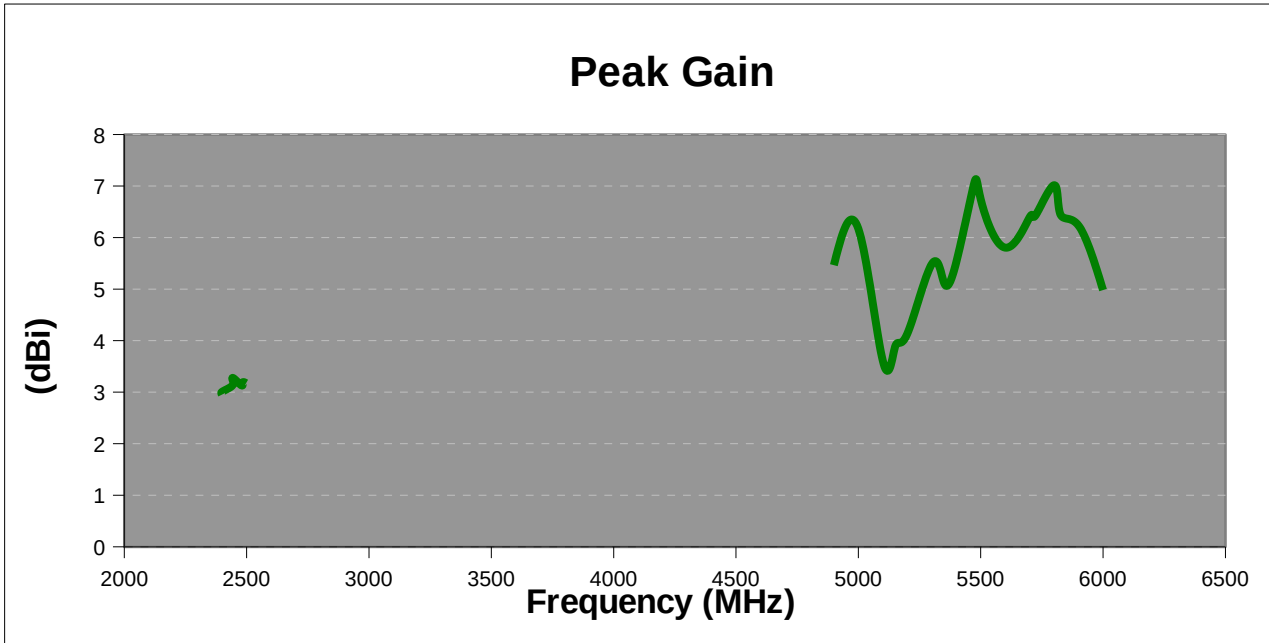


ELECTRICAL		
Frequency (MHz)	2400-2500	4900-6000
S11 (dB)	<-15	<-13
VSWR	<1.22	<1.21
Peak Gain (dBi)	3.26	7.02
Average Total Efficiency (%)	71.9	70.7
Average Gain (dB)	-1.43	-1.5
Polarization	Linear	
Radiation Pattern	Omni	
Input Power	5 Watts Max	
Input Impedance	50 ohms	

MECHANICAL	
Dimension	34.5mmx9.5mmx0.3mm
Coxial Cable Length (optional)	Length 250 +/-3mm , Dia 1.13mm
Connector	IPEX
ENVIROMENTAL	
Temperature Range	-40°C to +85°C
Humidity	40% to 95% RH

GA Antenna

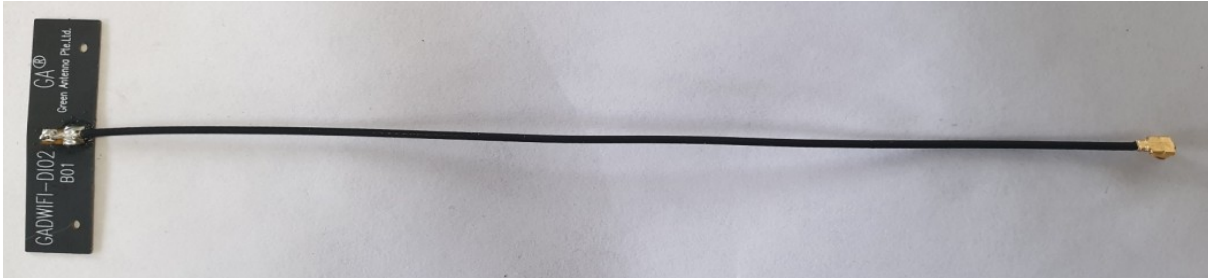




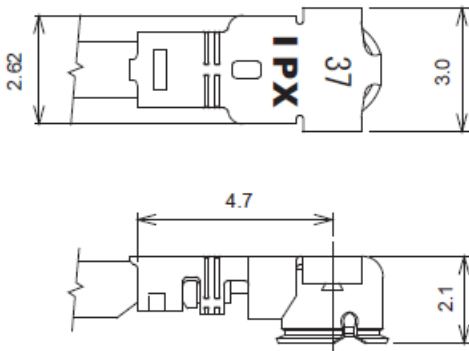
# Flex BT/WIFI Dual Bands Antenna (2.4GHz & 5GHz) Part No. GADWIFI-DI02

## ➤ Cable

-Cable diameter 1.13mm, Length =250mm



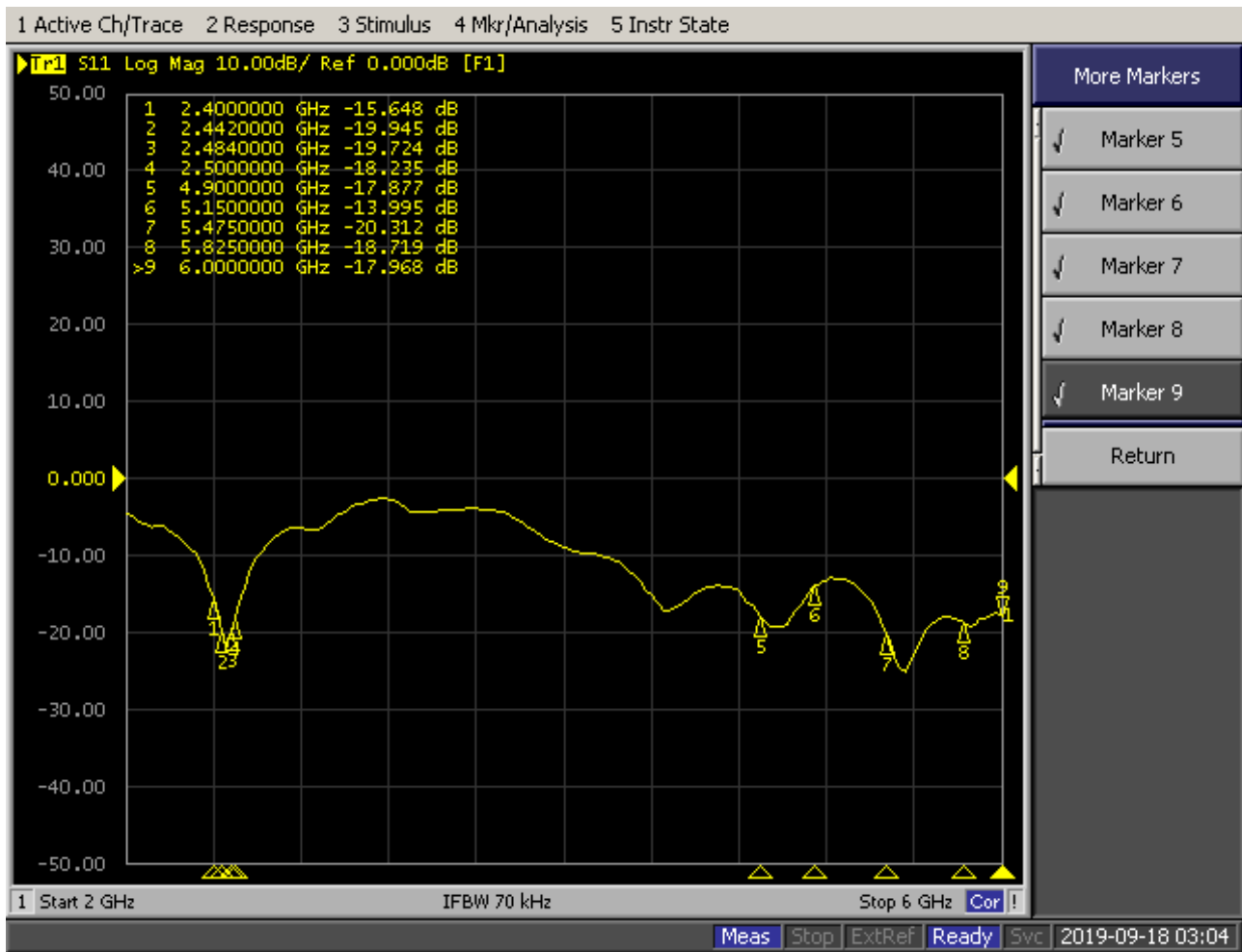
## ➤ IPex Connector Dimension



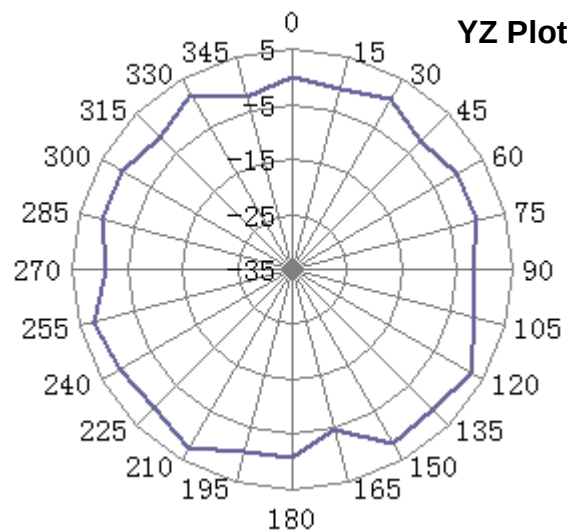
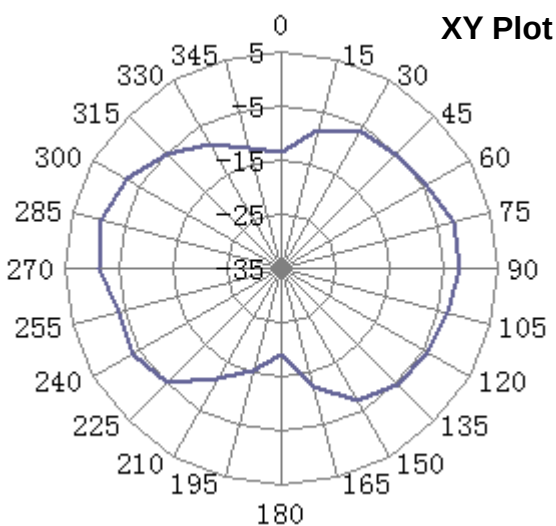
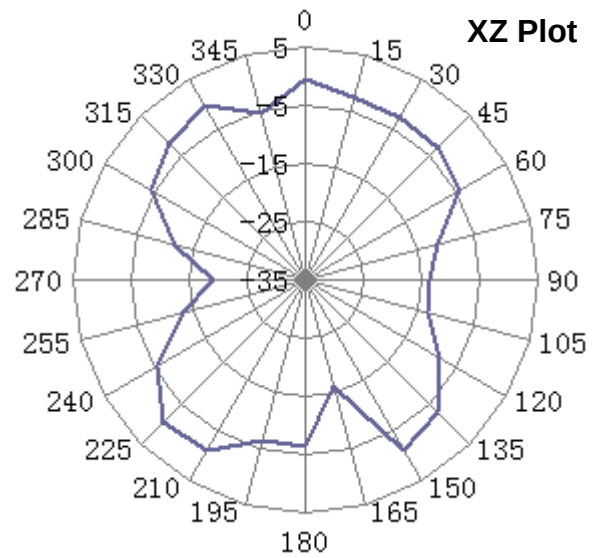
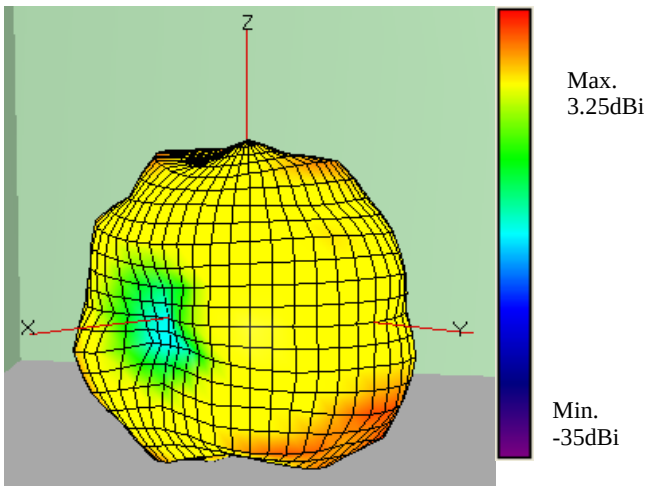
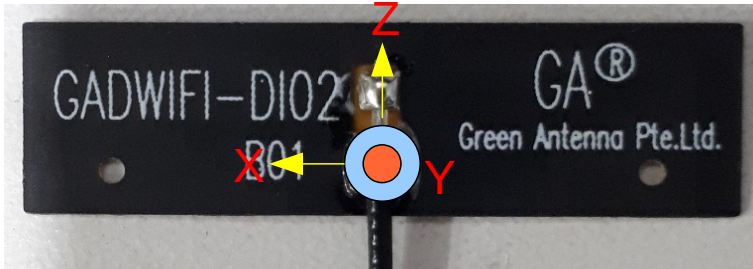
Unit : mm

➤ Reference S11

- \*Placed Antenna on 3mm thickness of PC/ABS Casing
- \*Cable length: 250mm



➤ Radiation Pattern@2442MHz



➤ Radiation Pattern@5470MHz

