WIFI ANTENNA

Antenna WiFi Internal PC15, PCB, 2.4/5.8 GHz, IPEX MHF (f) RA, 1.13mm Coaxial Cable/100mm

AW-A2458G-PC15I

SECTRON company offers a wide portfolio of WiFi antennas with various versions differing in shape, level of gain and manner of attachment. SECTRON guarantees a compatible connection between an antenna and all antenna adaptors produced by SECTRON.

BENEFITS

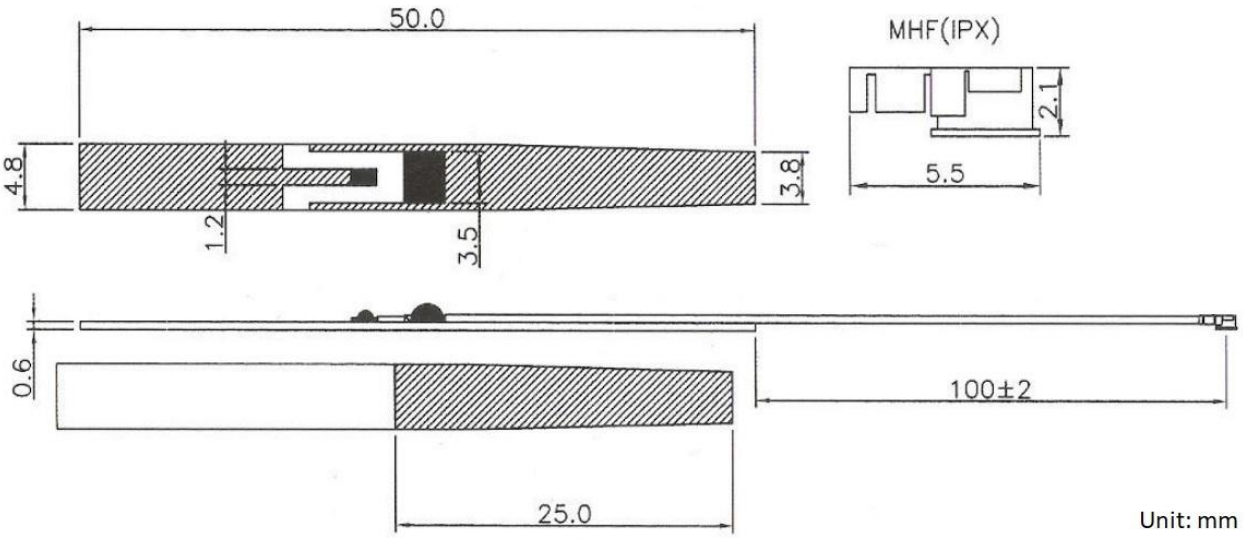
- Low VSWR
- Minimalistic dimension

FEATURES

AW-A2458G-PC15I

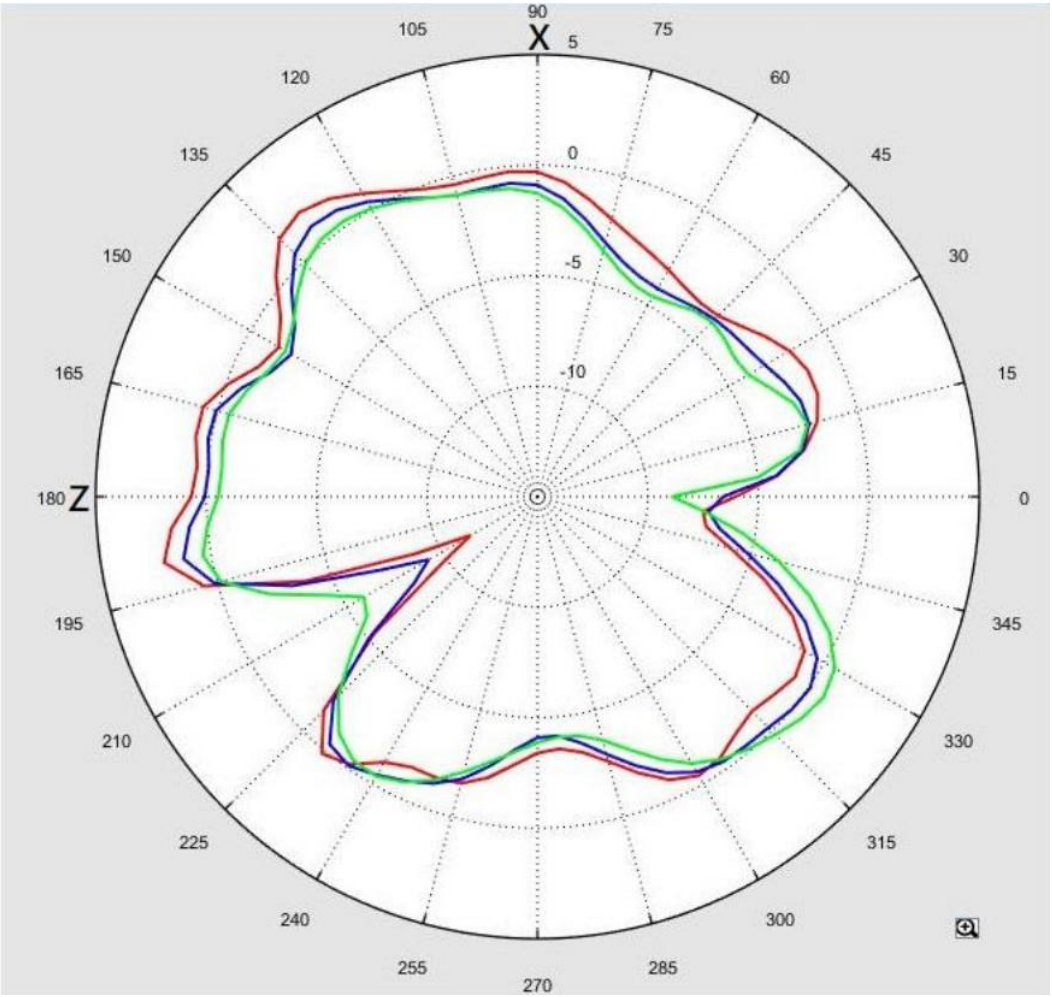
Technology	WiFi
Frequency bands	2.4/5 GHz
Bandwidth	-
Gain	3.5 dBi
VSWR	<2.0:1
Impedance	50 Ohm
Directivity	Directional
Beam angle	H 360° V 30°
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	50 x 4.8 x 0.6 mm
Weight	0.86 g
Operating temperature	-30 to +80 °C
Execution	Internal
Method of attachment	-
Cable type	1.13mm RF Coaxial
The cable length	100 mm
Connector type	IPEX-MHF (f)

DRAWING



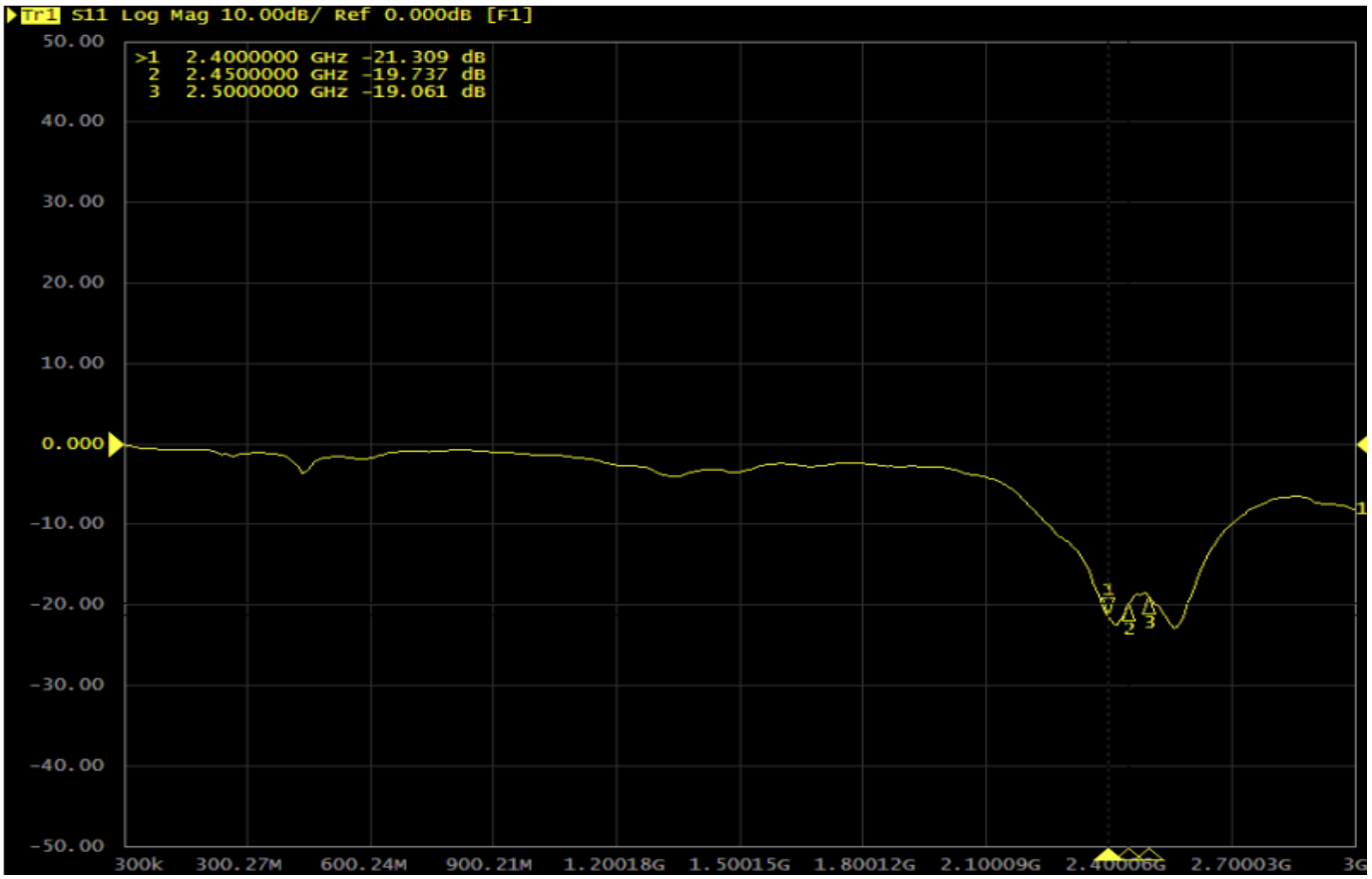
SIMULATED GRAFS

Freq. / Chan.	Color
2.4GHz	
2.45GHz	
2.5GHz	

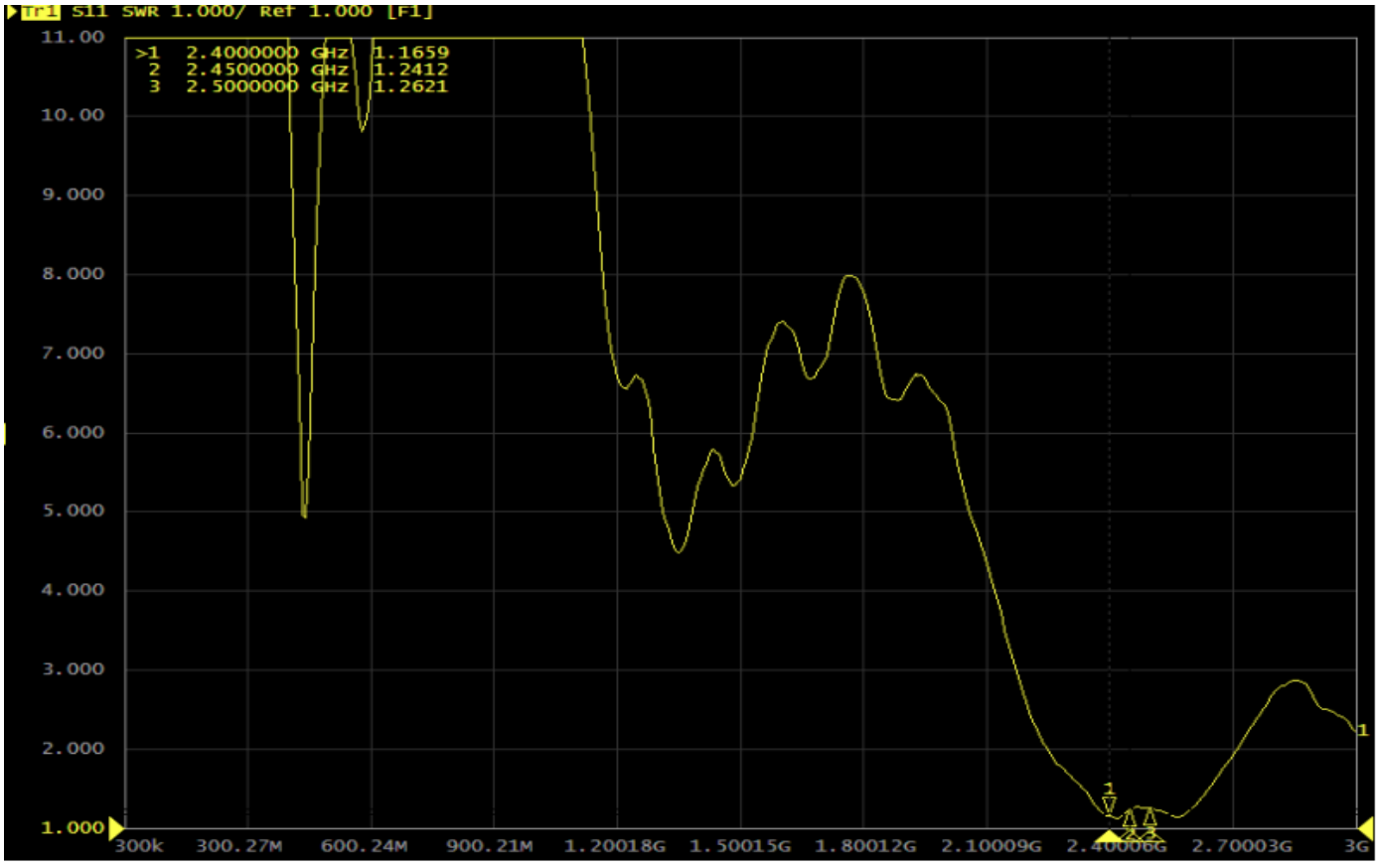


Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	Gain (dBi)
2400	-21.30	1.16	63.83	2.82
2450	-19.73	1.24	58.88	2.76
2500	-19.06	1.26	57.94	3.47

S11- Return loss [dB]



VSWR- Voltage standing wave ratio [-]



VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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