



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.

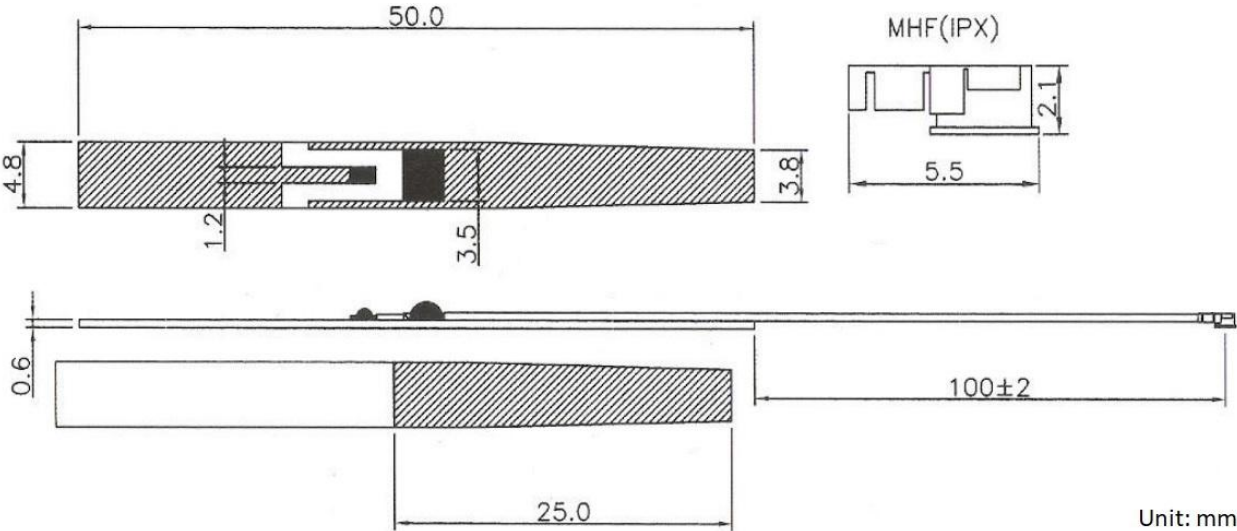


BENEFITS

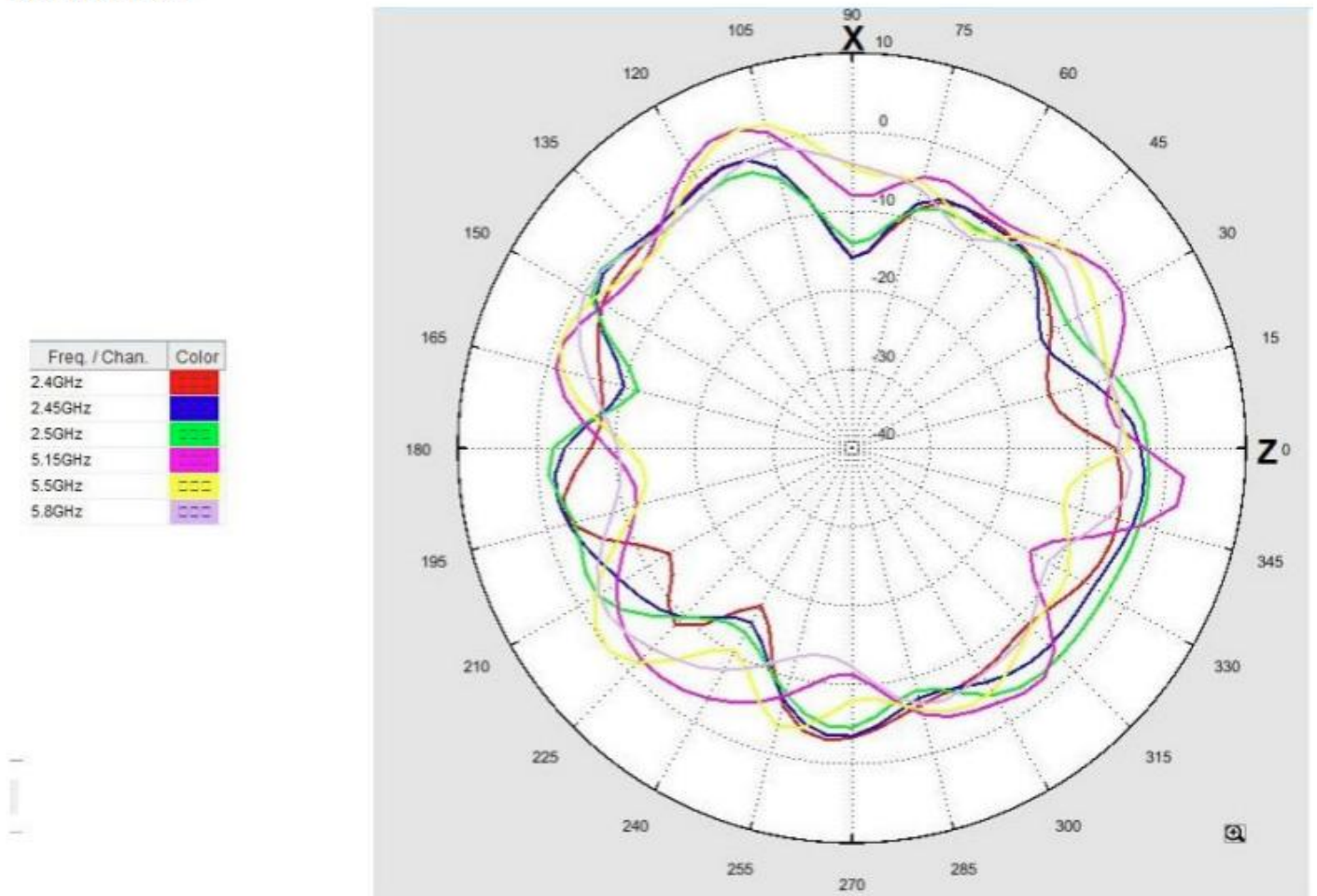
- Low VSWR
- Minimalistic dimension

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

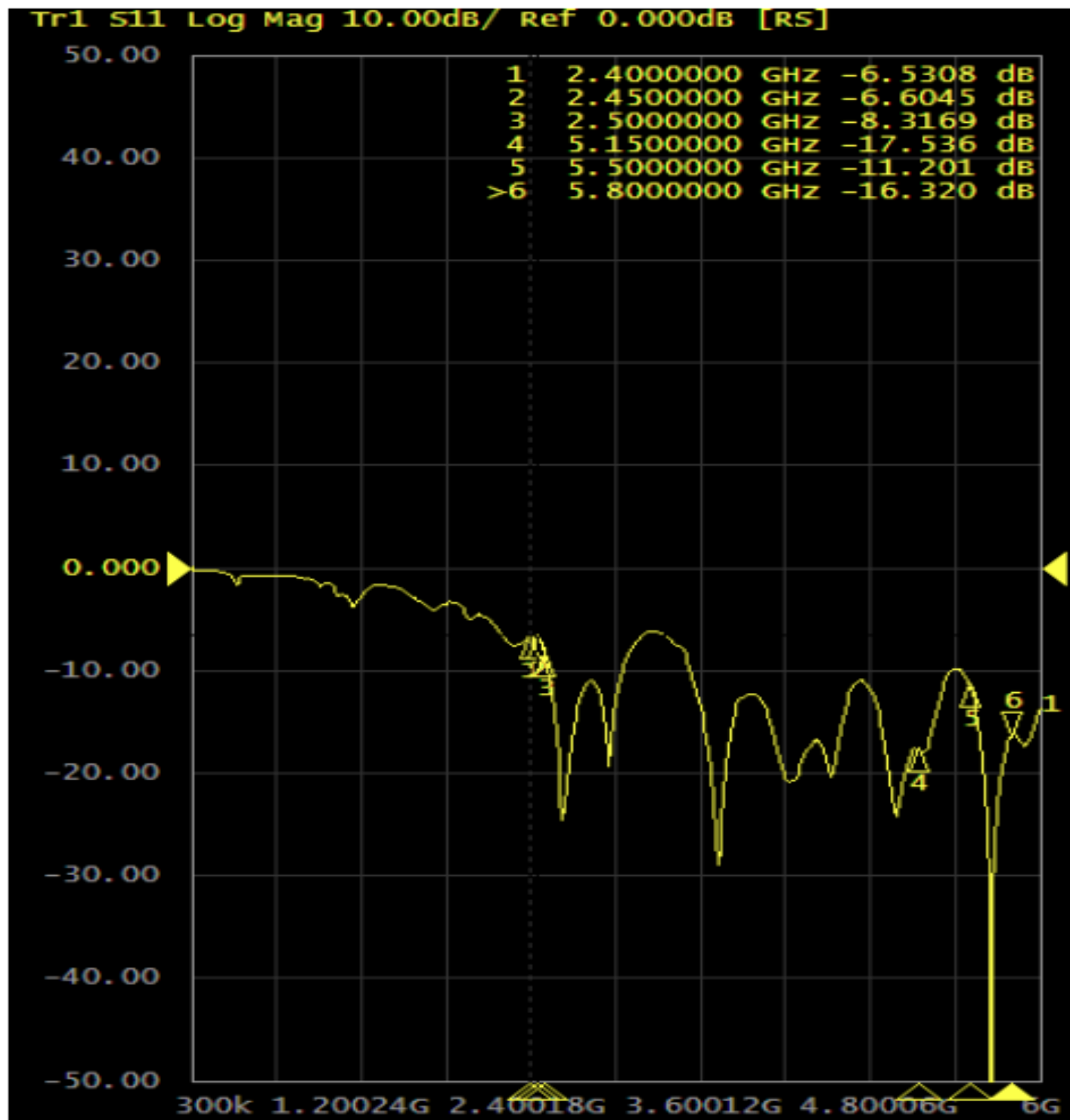


3D Test Data

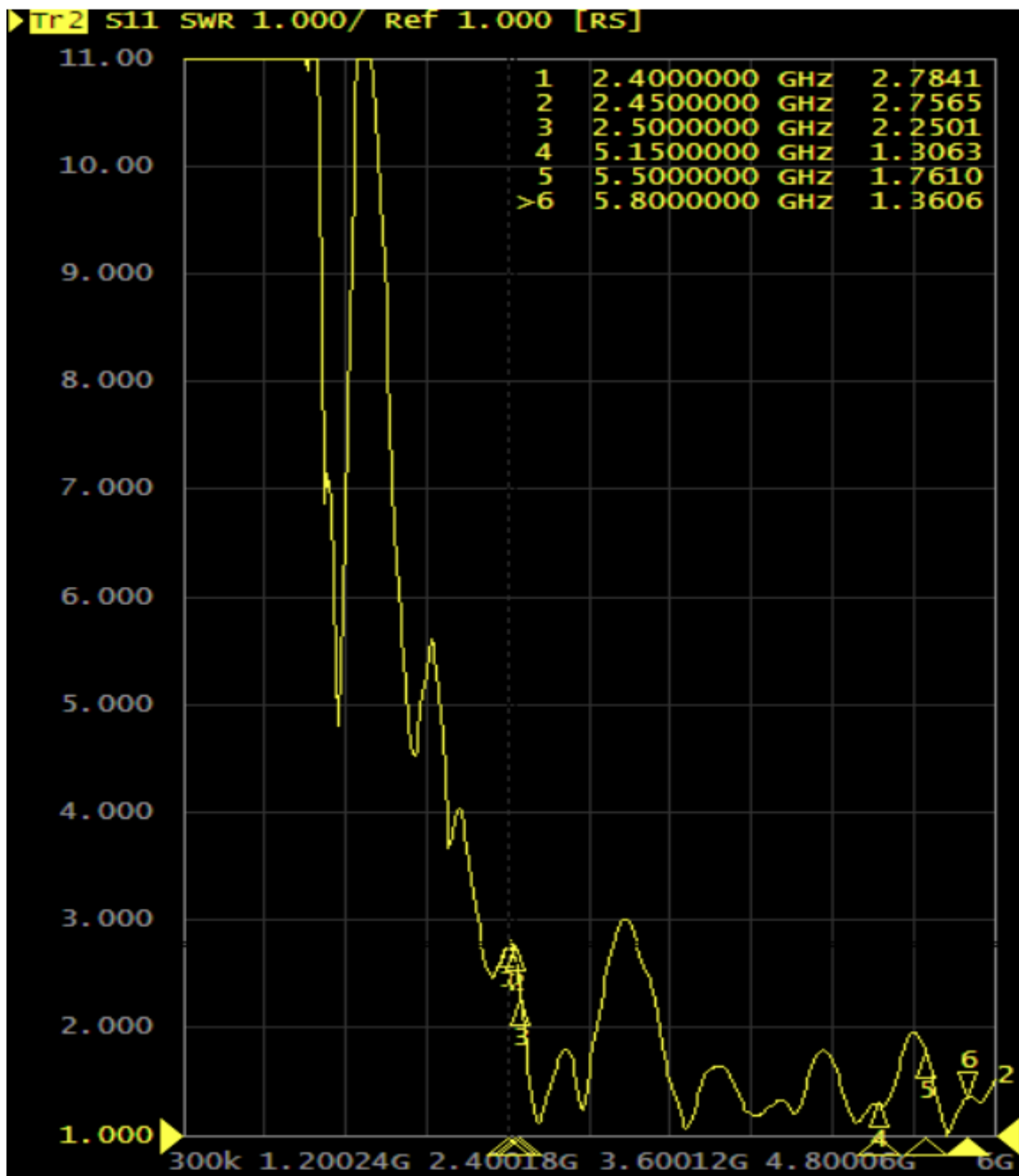


Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	Gain (dBi)
2400	-6.53	2.78	26.42	0.07
2450	-6.60	2.75	35.08	0.79
2500	-8.31	2.25	41.98	0.97
5150	-17.53	1.30	41.11	1.96
5500	-11.20	1.76	37.93	2.41
5800	-16.32	1.36	39.72	1.36

S11- Return loss [dB]



VSWR- Voltage standing wave ratio [-]



VARIANTS

AW-A2458G-PC15I

Different connector variants or cable lengths are available on request.

CONTACTS

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