



WIFI ANTENNA

Antenna WiFi Screw Mount R36,
IP67, 2.4/5.8 GHz, 5.4/6.2 dBi,
SMA-RP (pin f), RG58/3m

AW-A2458G-36SR

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



BENEFITS

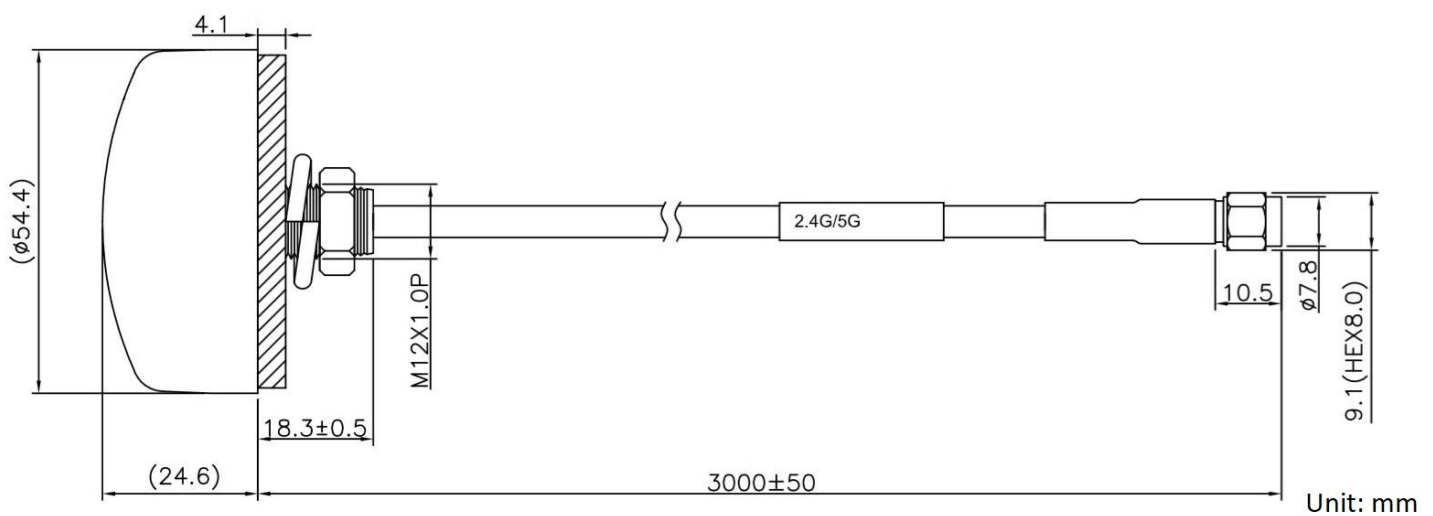
- Low VSWR
- Anti-vandal design

FEATURES

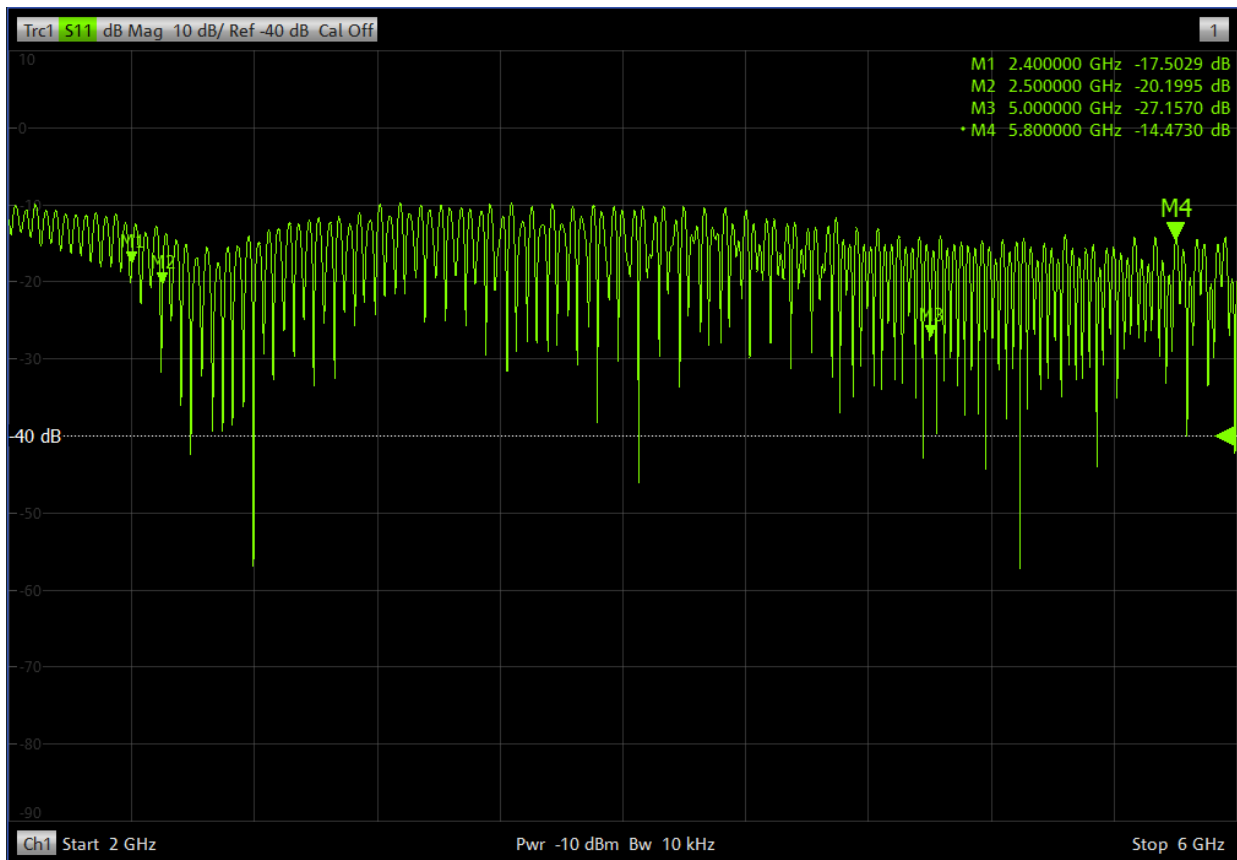
AW-A2458G-36SR

Technology	WIFI
Frequency bands	2400/5800 MHz
Bandwidth	-
Gain	5.4/6.2 dBi
VSWR	<2.0:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H 360° V 30°
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	Ø 54.4 x 28.7 mm
Weight	165.38 g
Operating temperature	-30 to +80 °C
Execution	External
Method of attachment	Screw Mount
Cable type	RG58/U
The cable length	3 m
Connector type	SMA-RP (pin f)
IP code	IP67
Certification	ISO 9001, ISO 14001

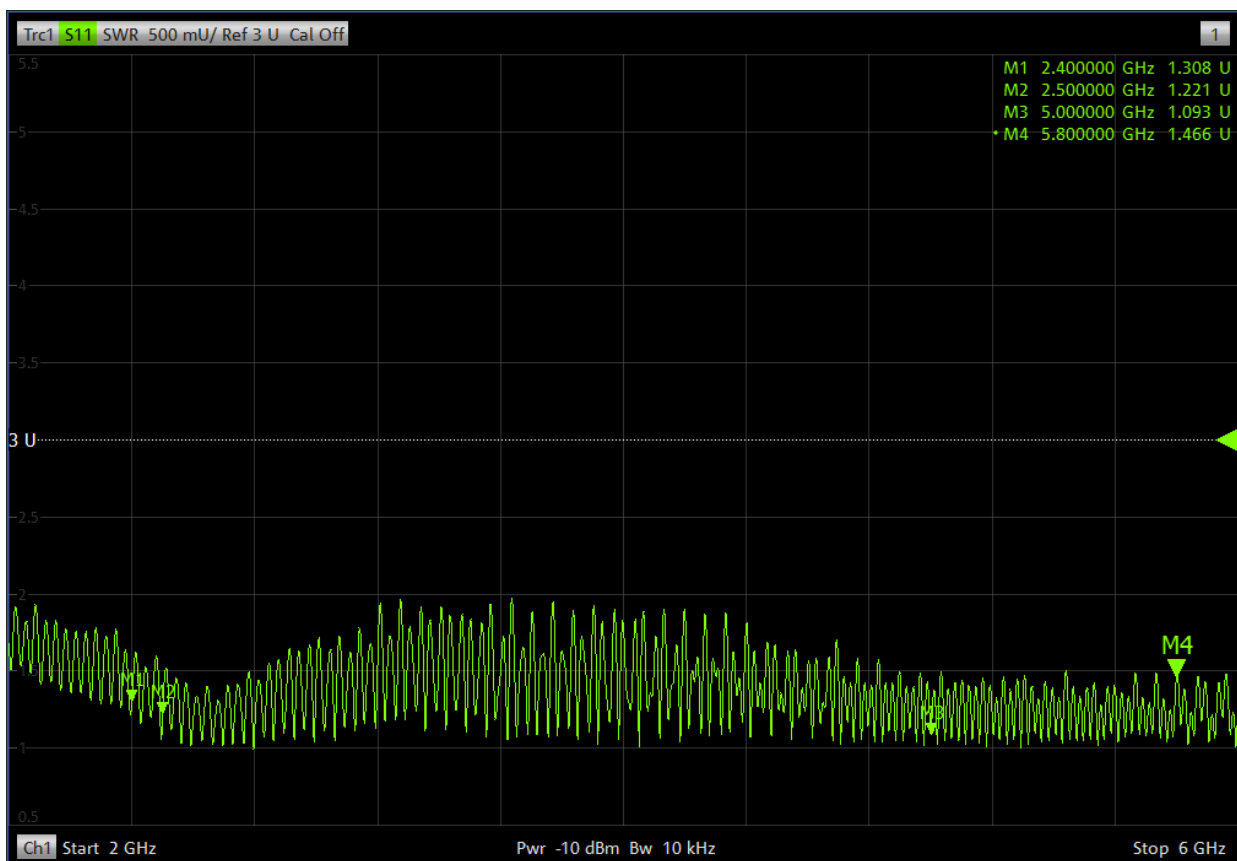
DRAWING



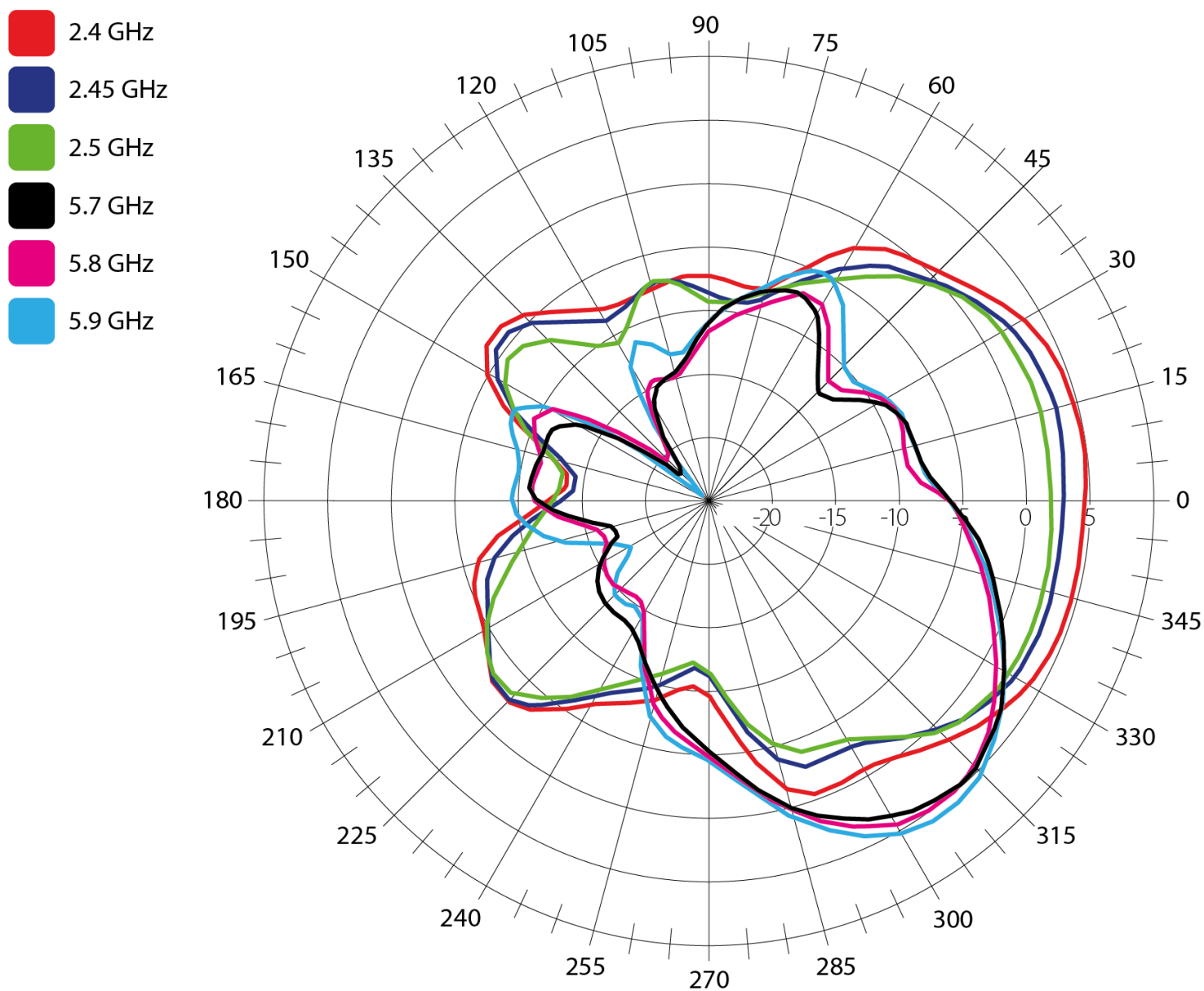
S11 – Return loss [dB]



VSWR – Voltage standing wave ratio [-]



Radiation pattern



Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	Gain (dBi)
2400	-10.73	1.81: 1	63.83	5.4
2450	-5.83	3.10: 1	48.42	4.06
2500	-6.13	2.94: 1	40.36	2.61
5700	-20.47	1.22: 1	48.98	4.88
5800	-10.15	1.90: 1	47.64	5.06
5900	-21.45	1.18: 1	63.1	6.18

ALL VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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