



WiFi ANTENNA

Antenna WiFi Screw Mount R36, 2.4 GHz,
7 dBi, SMA(m), .195/2m,
IP67, Rubber Protective Coating

AW-A24G-36S2

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

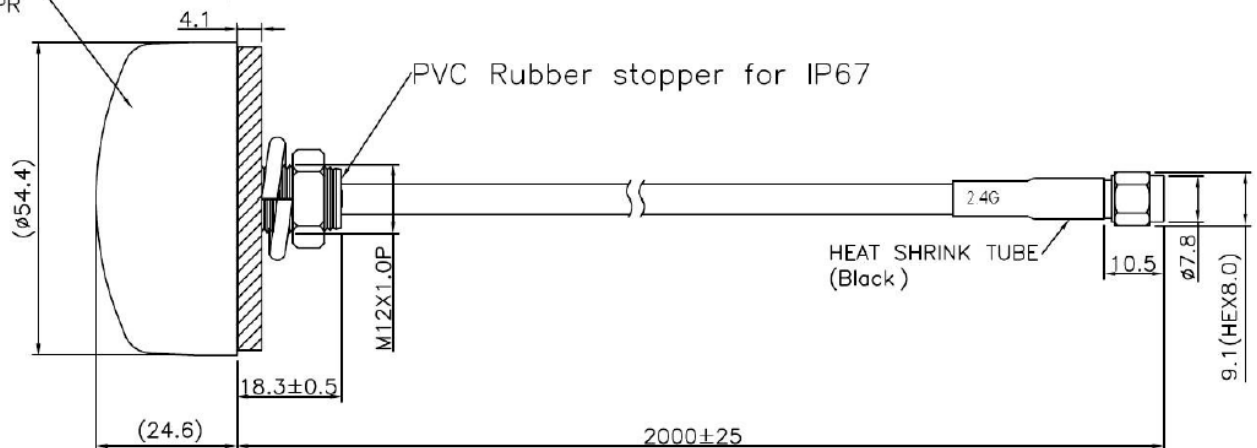
- Low VSWR
- Anti-vandal design
- Optimized radiation pattern
- IP67
- Low loss cable
- Double sided CR foam tape

Technology	WiFi
Frequency bands	2400-2485 MHz
Bandwidth	-
Gain	7 dBi
VSWR	< 1.6:1
Impedance	50 Ohm
Directivity	Directional
Beam angle	Attached graphs bellow
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	∅ 54.4 x 24.6 mm
Weight	168.55 g
Operating temperature	-40°C ~ +85 °C
Execution	External
Method of attachment	Screw mount
Cable type	.195
Cable length	2 m
Connector type	SMA(m)
Certification	RoHS, ISO 9001: 2015 / CNS 12681
IP code	IP67

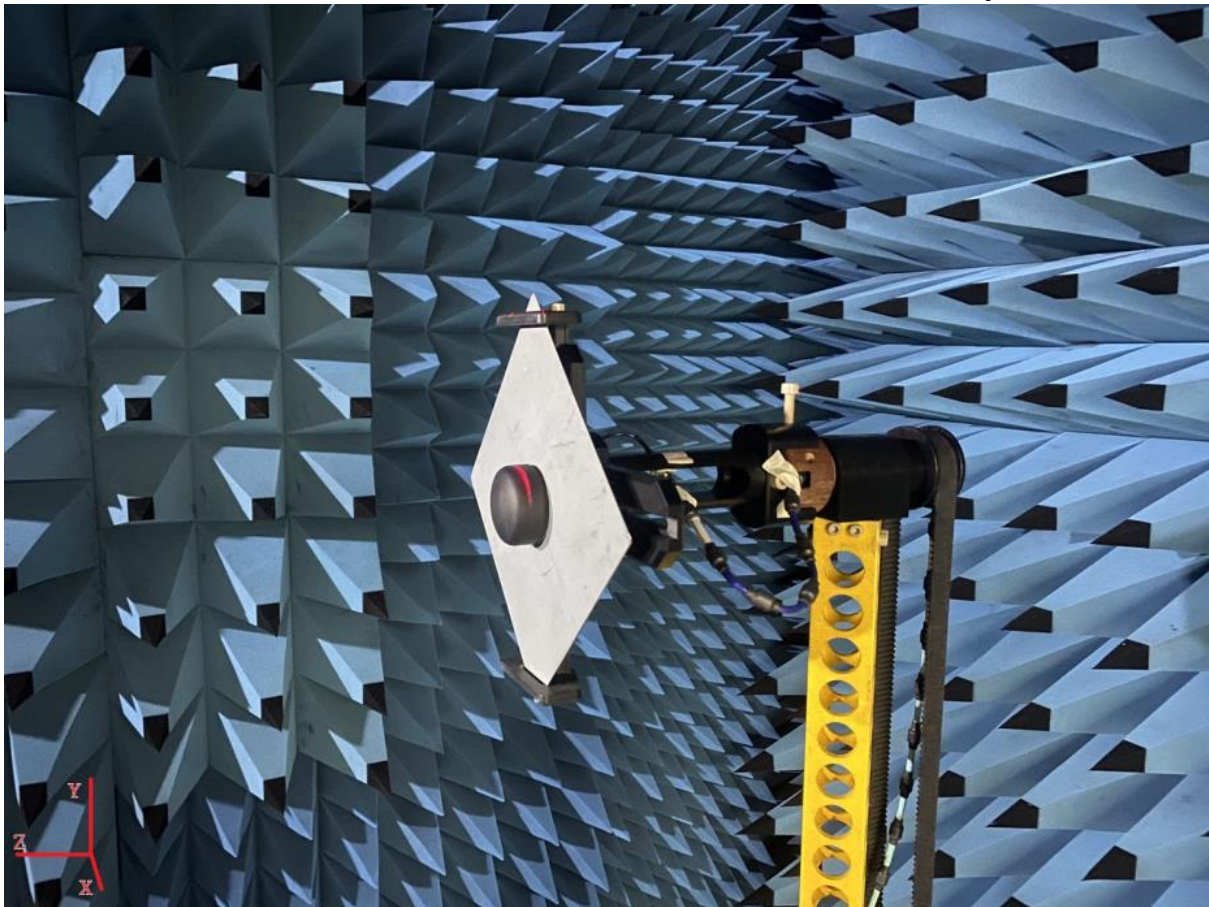
DRAWING

52X4 Double-Sided CR foam tape
(PK-619 Put on only;no required
to stick on)

SR : B-103018
MATERIAL : TPR

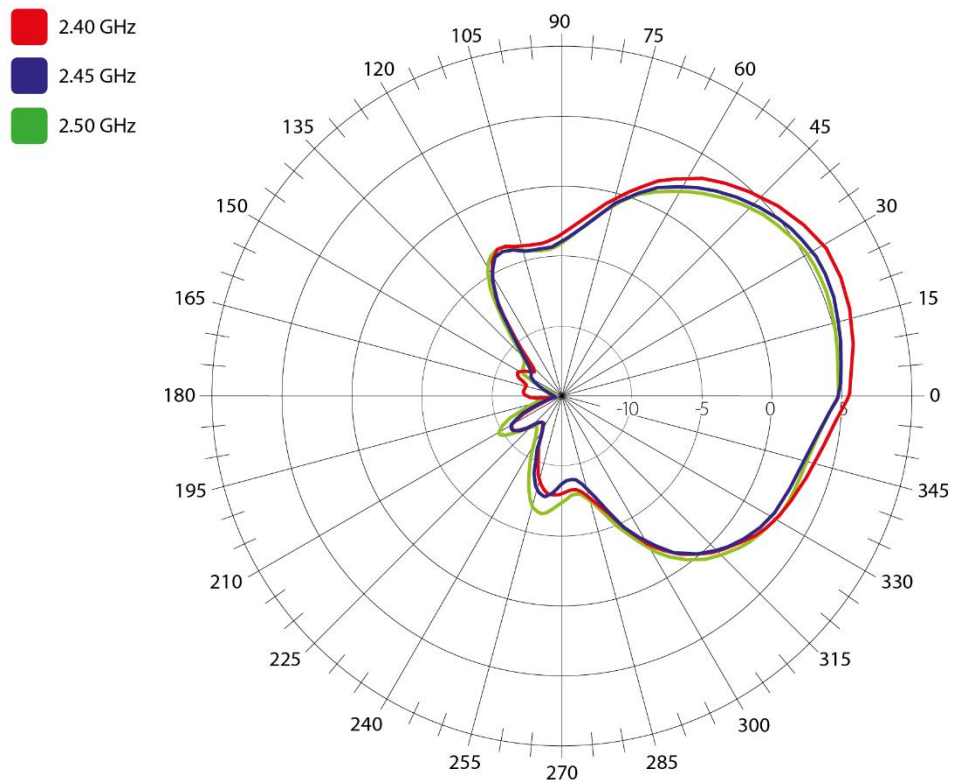


Measurement of Antenna fixed in a hole in the metal plate

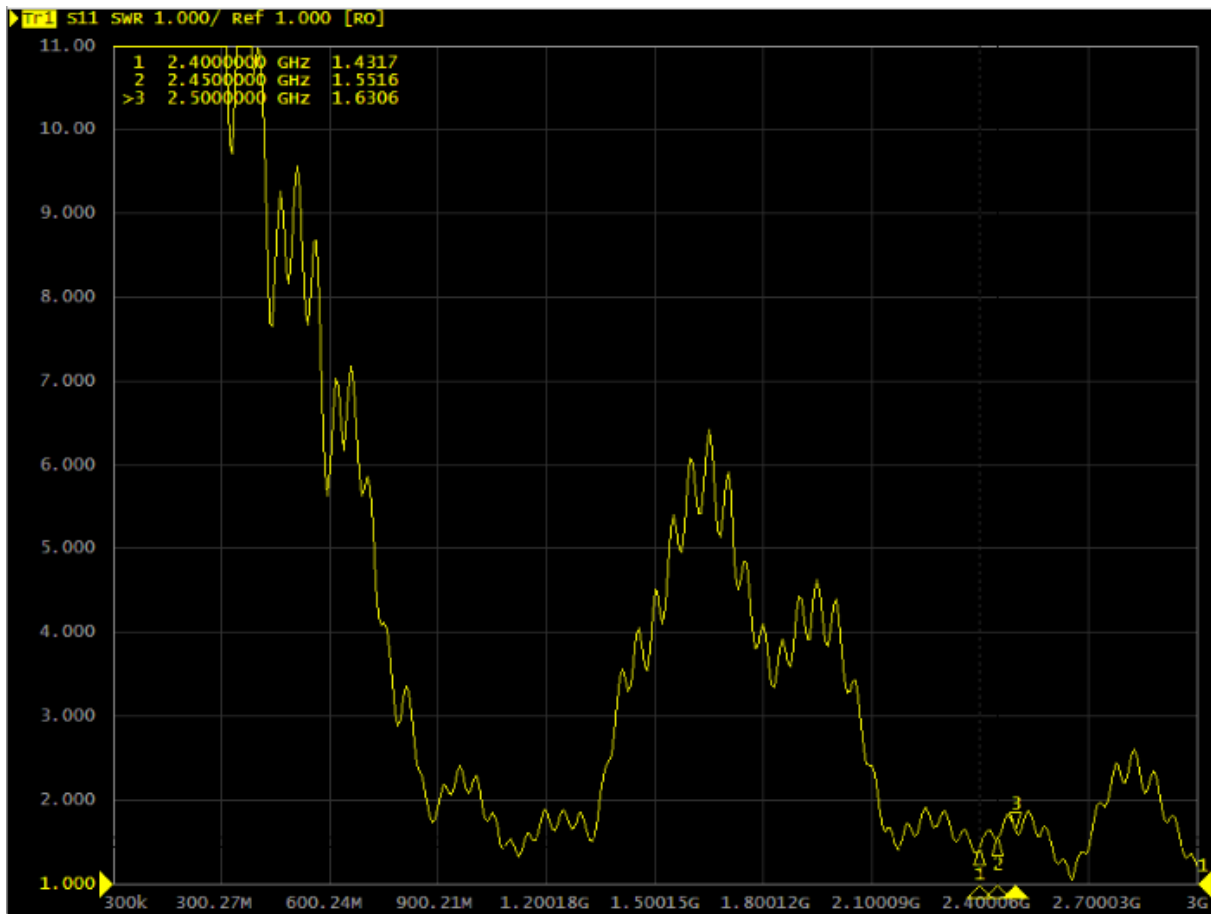


MEASURED GRAPHS

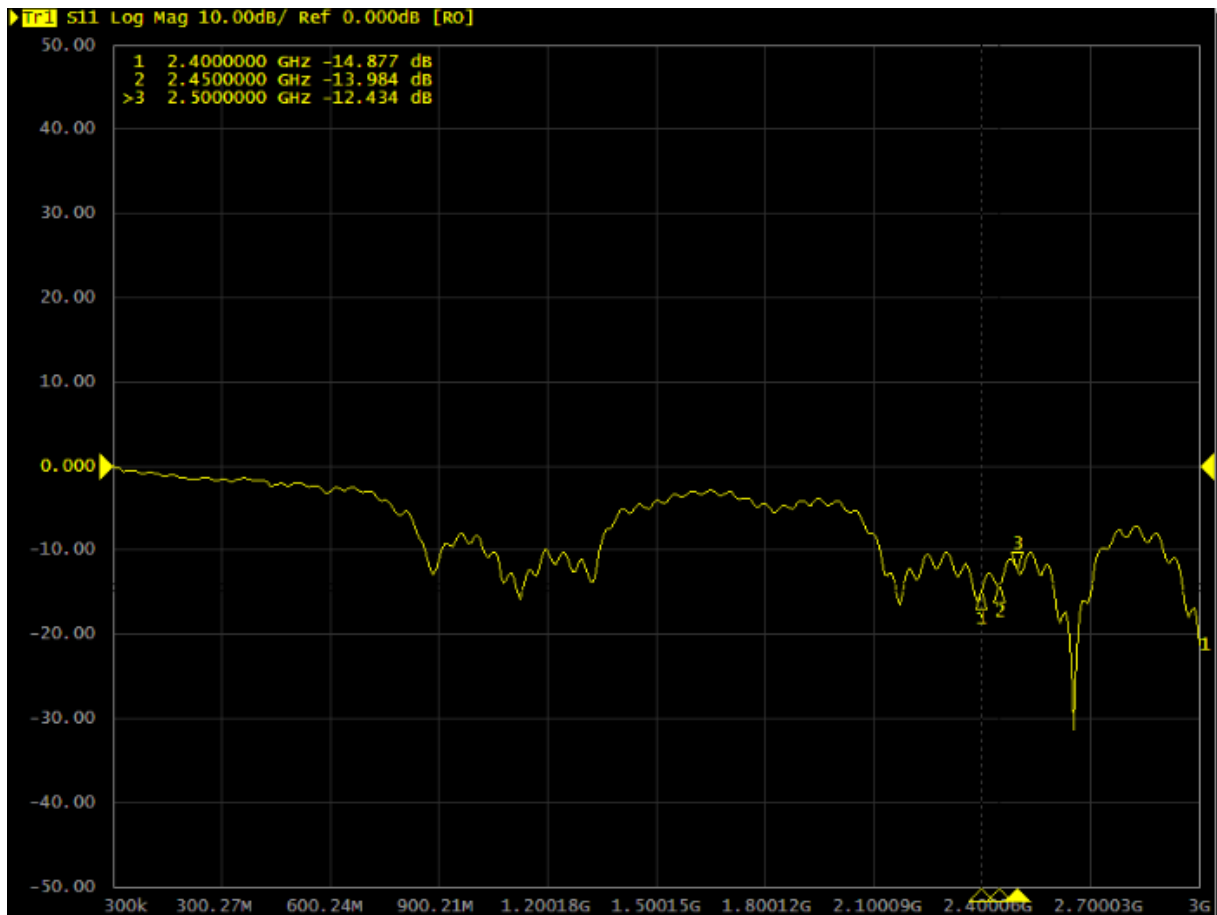
RADIATION PATTERN - 2D



VSWR – STANDING WAVE RATIO [-]



Graph S11 – Return loss [dB]



TEST-RESULTS

Frequency [MHz]	Return Loss [dB]	VSWR	Efficiency [%]	Gain [dBi]
2400	-14.87	1.43	80.17	6.58
2450	-13.98	1.55	70.79	5.86
2500	-12.43	1.63	70.15	5.62

VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

SECTRON s.r.o. Josefa Šavla 1271/12
709 00 Ostrava 9, Czech Republic

WWW.SECTRON.CZ
Tel.: +420 556 621 020