



WIFI ANTENNA

Antenna WiFi Connector Mount FLAT SRPK,
2.4/5 GHz, 5 dBi,
RP-SMA(pin f), Black

AW-A2458G-FSRPK-B

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
- Easy installation
- No cable required

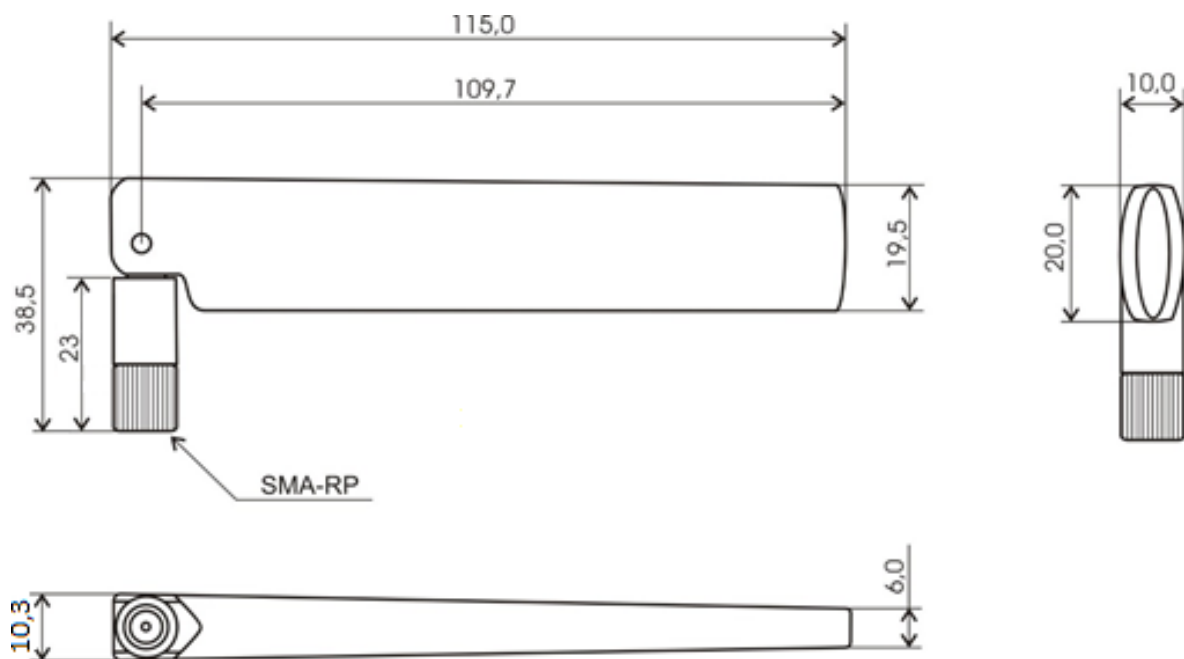


FEATURES

AW-A2458G-FSRPK-B

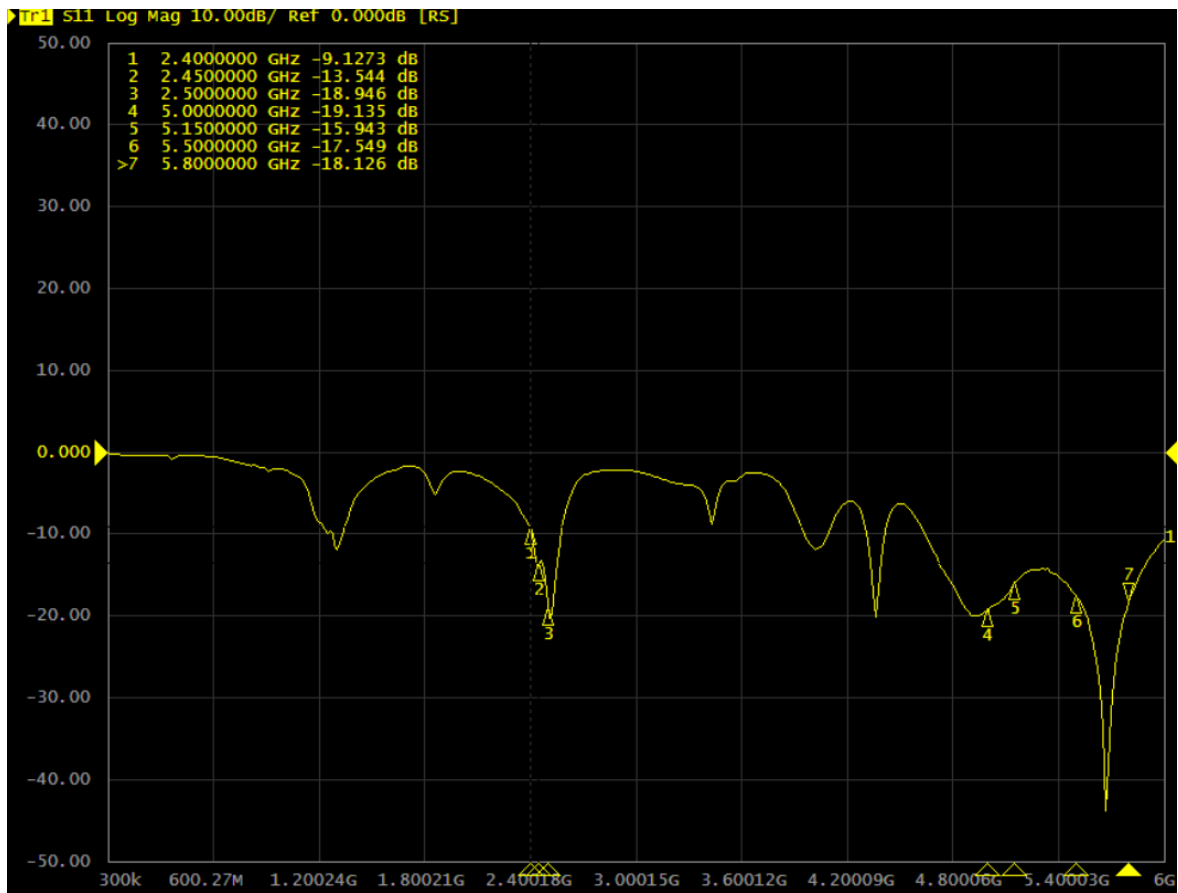
Technology	WIFI
Frequency bands	2400/5000 MHz
Bandwidth	-
Gain	5 dBi
VSWR	<1:5:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H 360° V 30°
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	180°: 138 x 19.50 x 10.3/ 90°: 10 x 38.5 x 115 mm
Weight	15.82 g
Operating temperature	-40 to +60 °C
Execution	External
Method of attachment	Connector Mount
Cable type	-
The cable length	-
Connector type	SMA-RP(pin f)

DRAWING

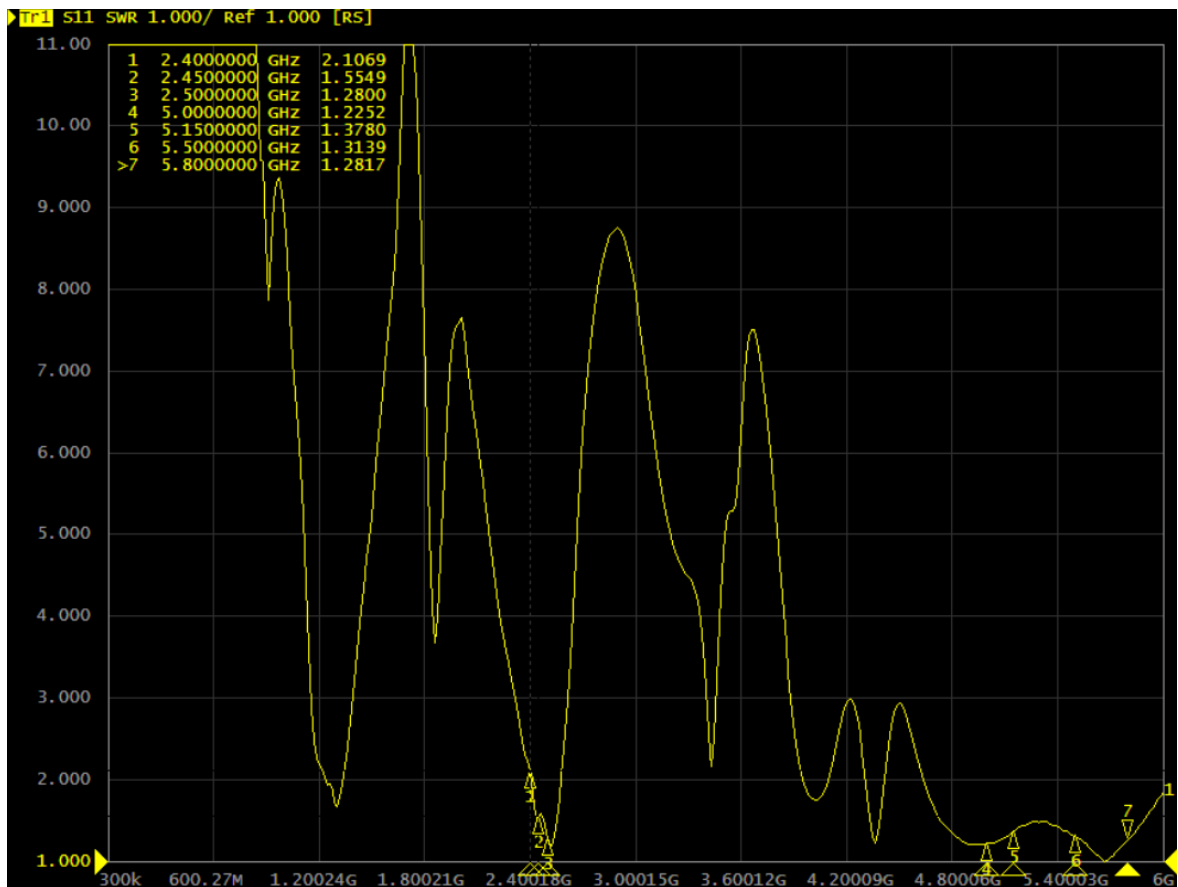


UNIT: mm

S_{11} - Return Loss [dB]

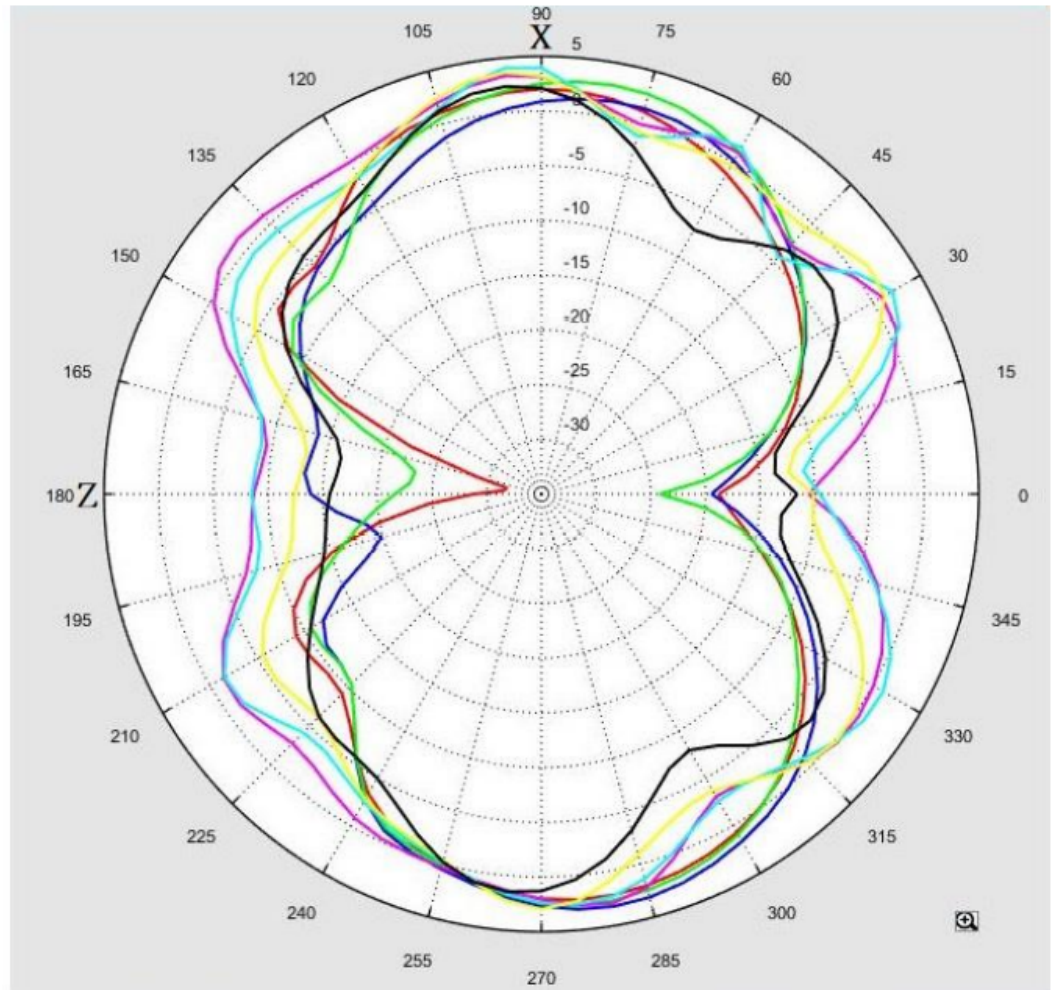


VSWR – Voltage standing wave ratio [-]



2D RADIATION PATTERN

Freq. / Chan.	Color
2.4GHz	Red
2.45GHz	Blue
2.5GHz	Green
5GHz	Magenta
5.15GHz	Cyan
5.5GHz	Yellow
5.8GHz	Black



Frequency [MHz]	S_{11} [dB]	VSWR [-]	Gain [dBi]	Efficiency [%]
2400	-9.12	2.10	2.74	66.99
2450	-13.54	1.55	3.25	66.37
2500	-18.94	1.28	3.01	70.31
5000	-19.13	1.22	4.30	65.31
5150	-15.94	1.37	4.23	59.70
5500	-17.54	1.31	3.65	55.72
5800	-18.12	1.28	2.49	37.24

Different connector variants or cable lengths are available on request.

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