



5G/WiFi ANTENNA

Antenna 5G/WiFi Screw Mount A1271,
690-5800 MHz, 6 dBi,
SMA(m), Cable .195/3m

AO-A5G-A1271S3

SECTRON company offers a wide portfolio of 5G/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 loss cable .195
- High Gain
- Ultra-wide band
- 5G ready

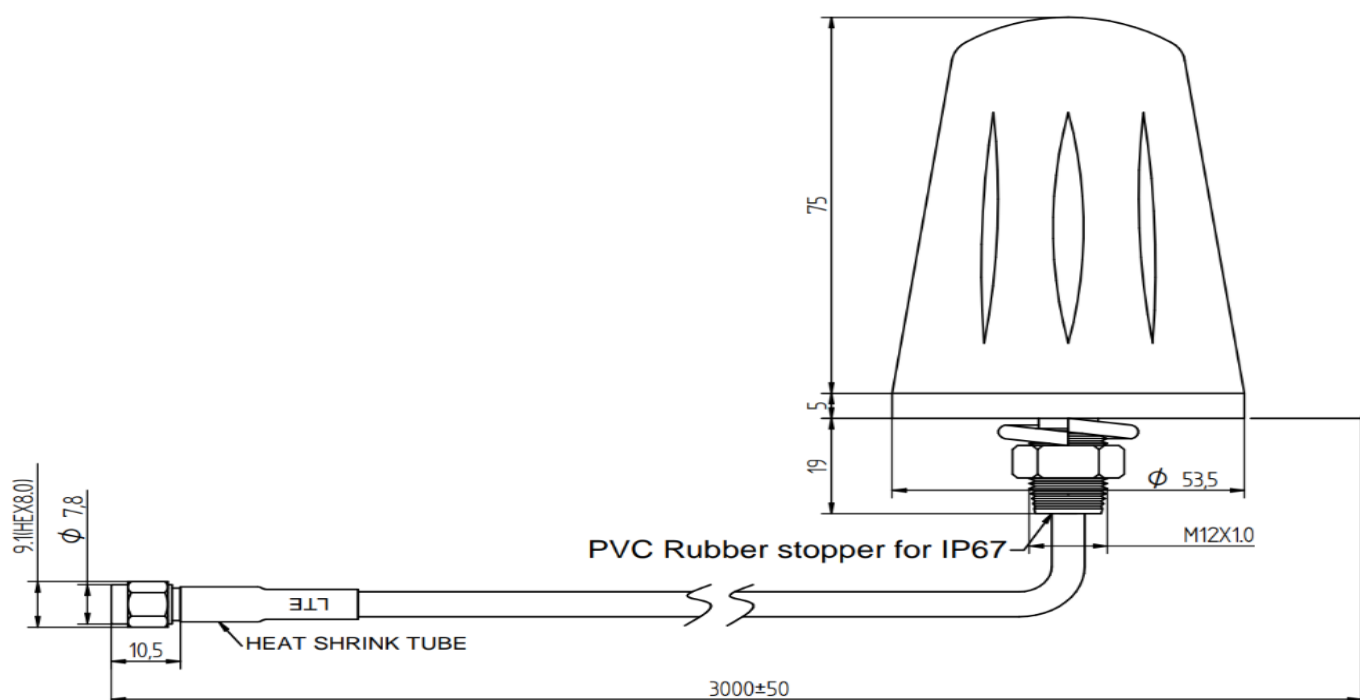


FEATURES

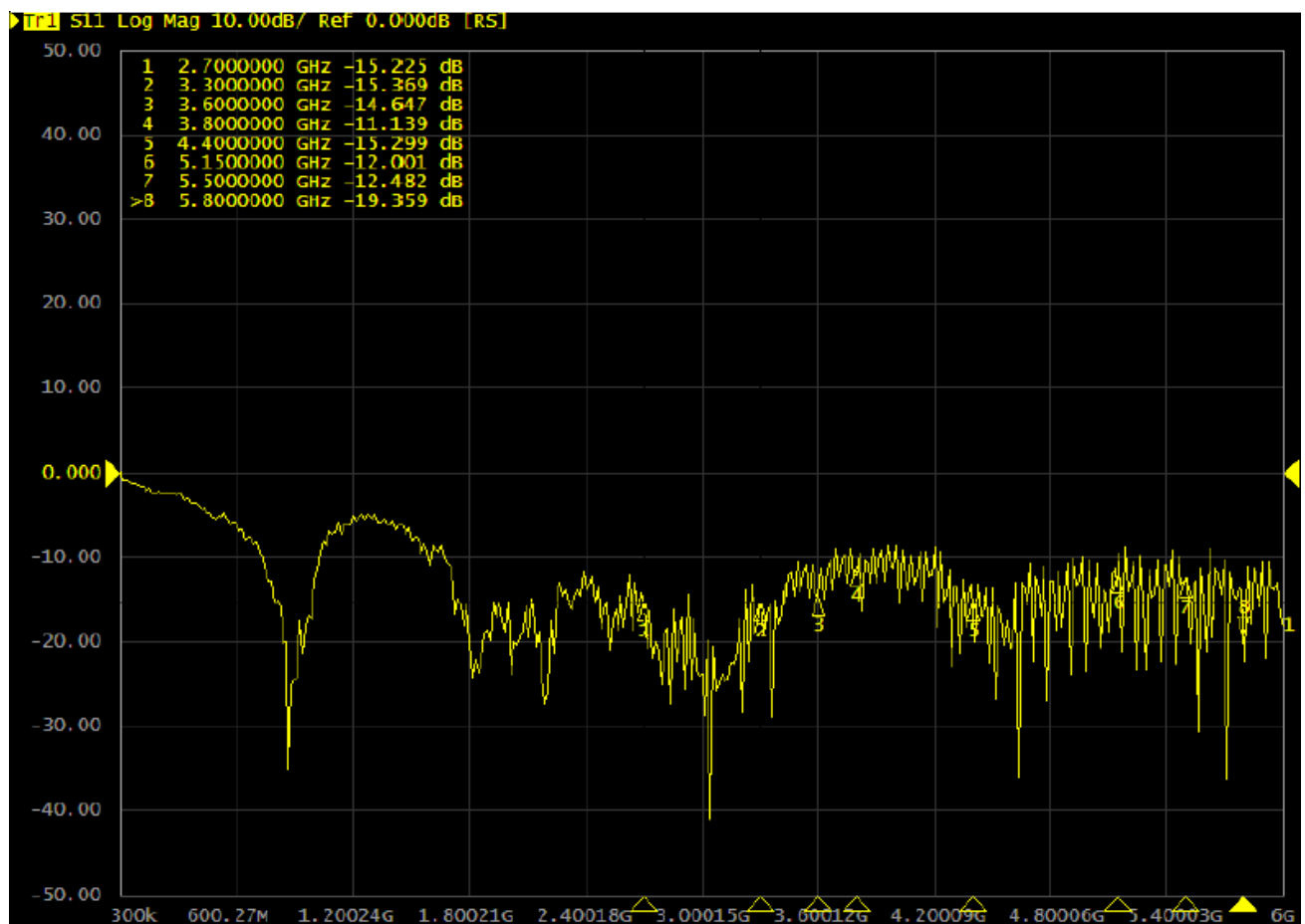
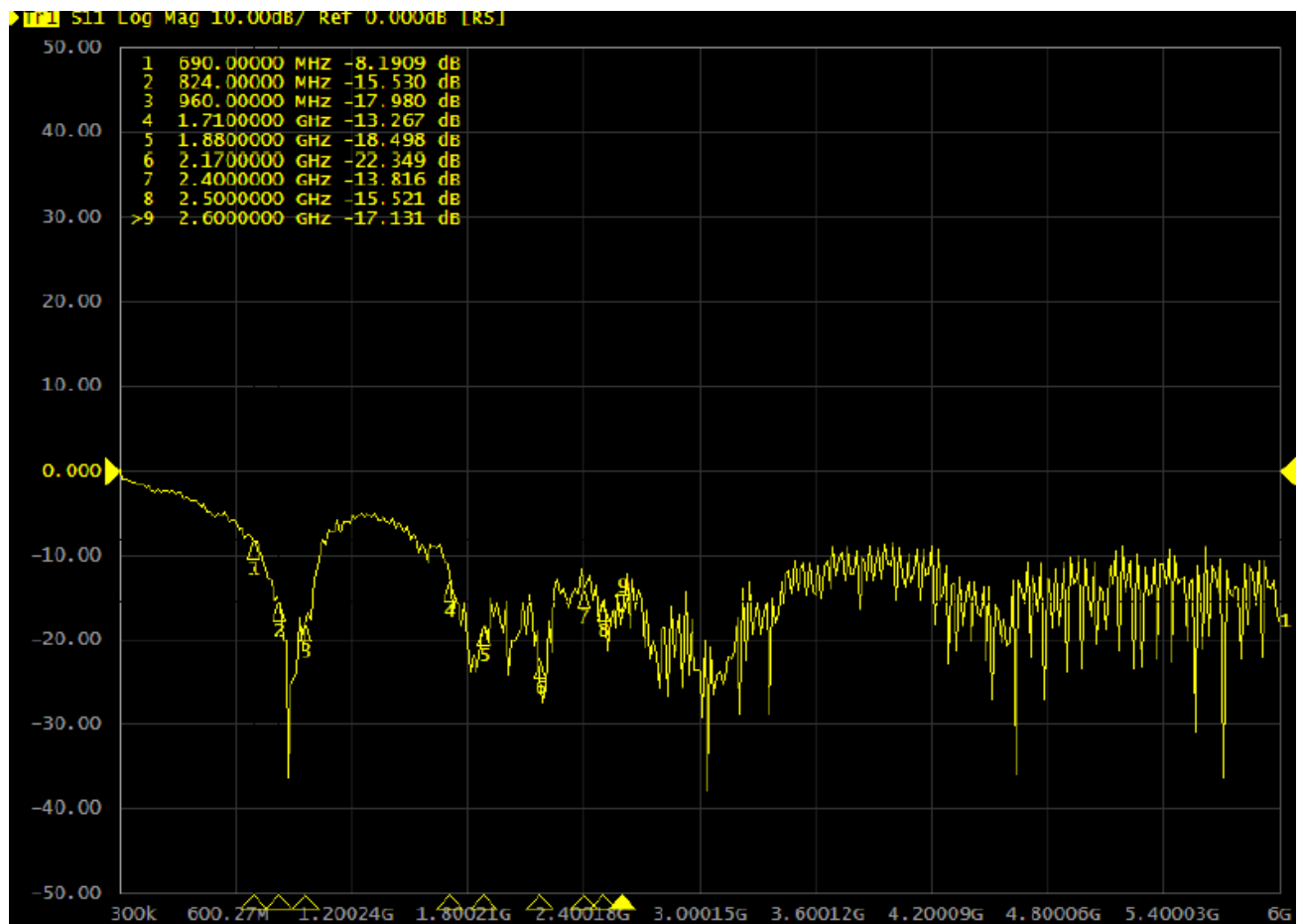
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Technology	5G/WIFI
Frequency bands	690-5800 MHz
Bandwidth	-
Gain	6 dBi
VSWR	<2.4:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Via attached graph below
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	Ø 53.5 x 99 mm
Weight	-
Operating temperature	-40 °C ~ + 85 °C
Execution	External
Method of attachment	Screw mount
Cable type	.195
The cable length	3 m
Connector type	SMA (m)
Certification	RoHS, ISO 9001, ISO 14001

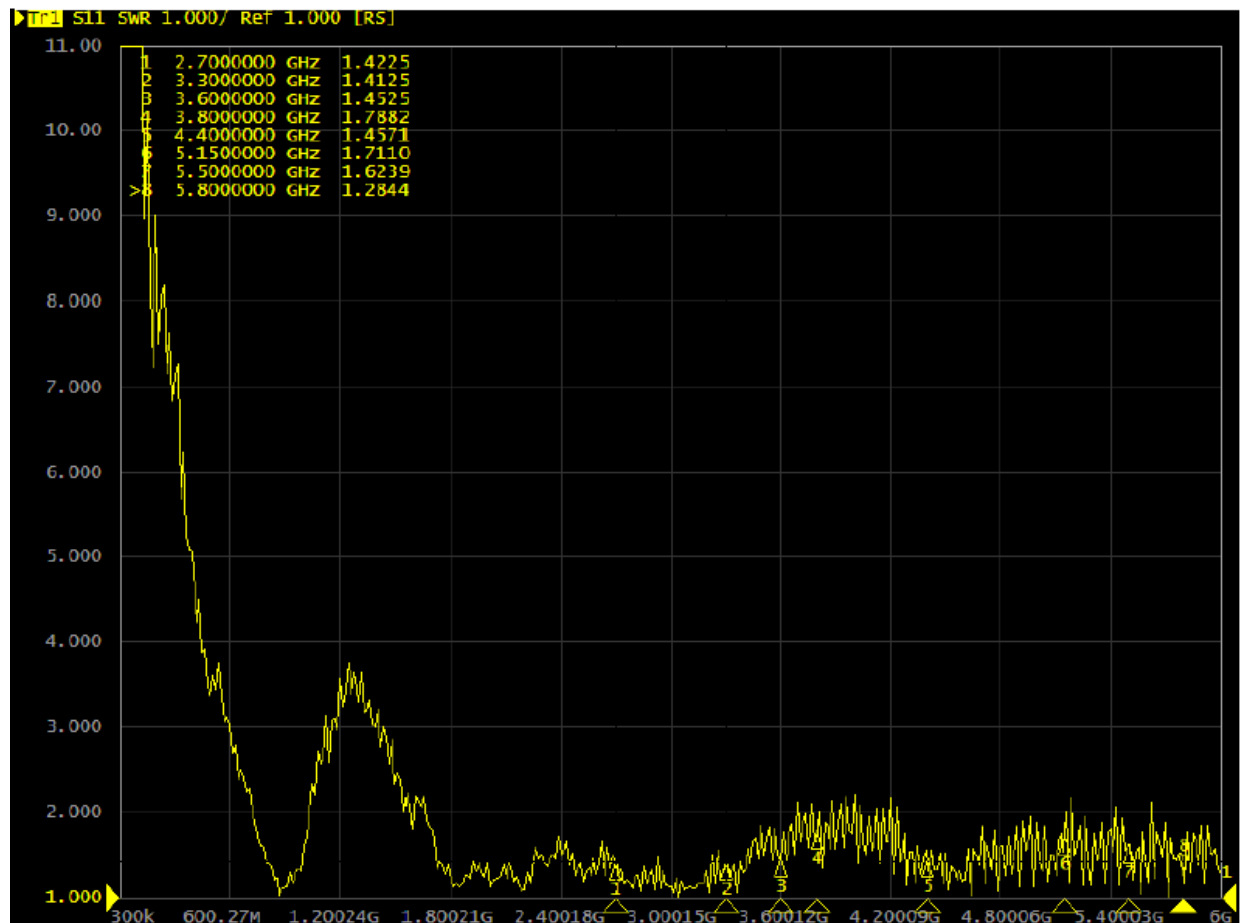
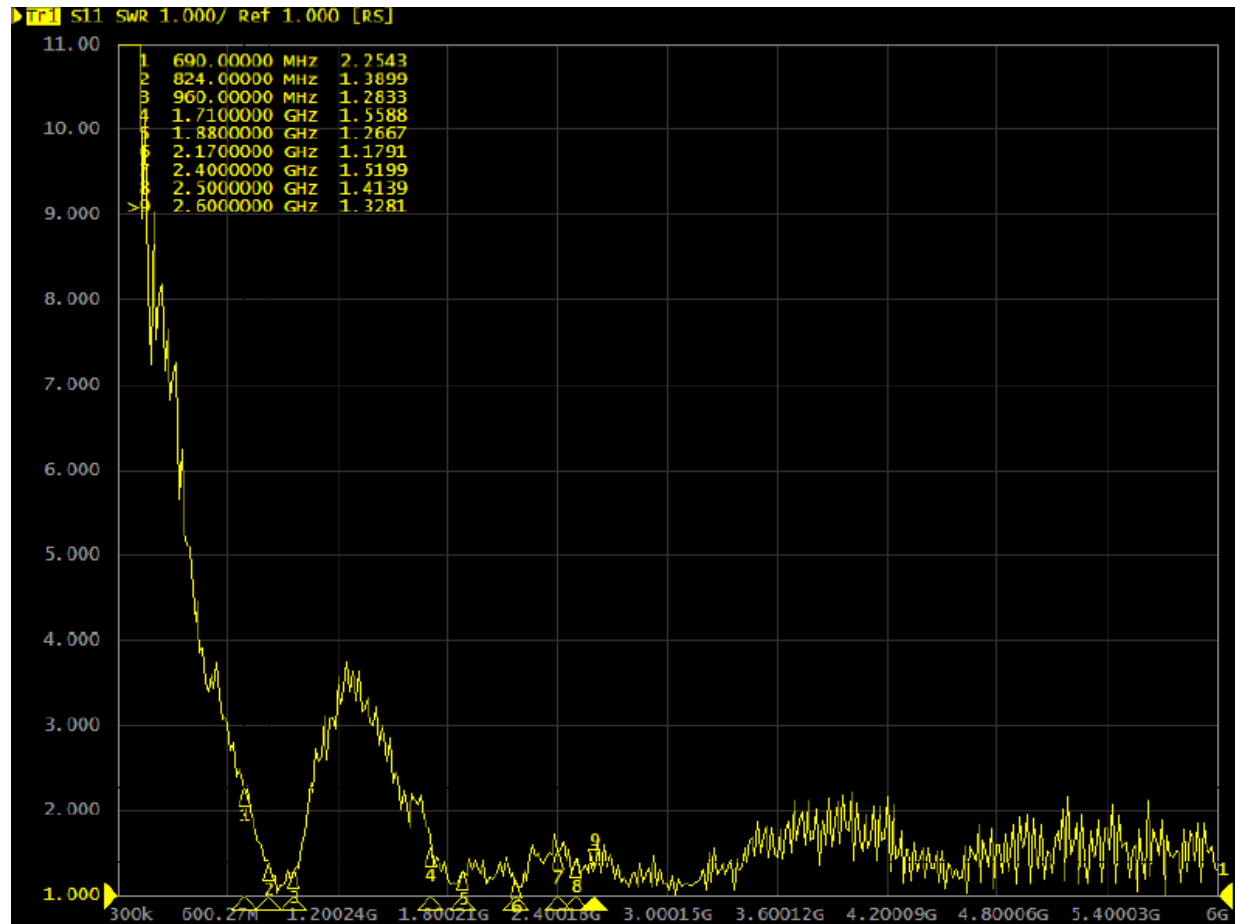
DRAWING



S11- Return loss [dB] GSM/UMTS/LTE/5G/WiFi

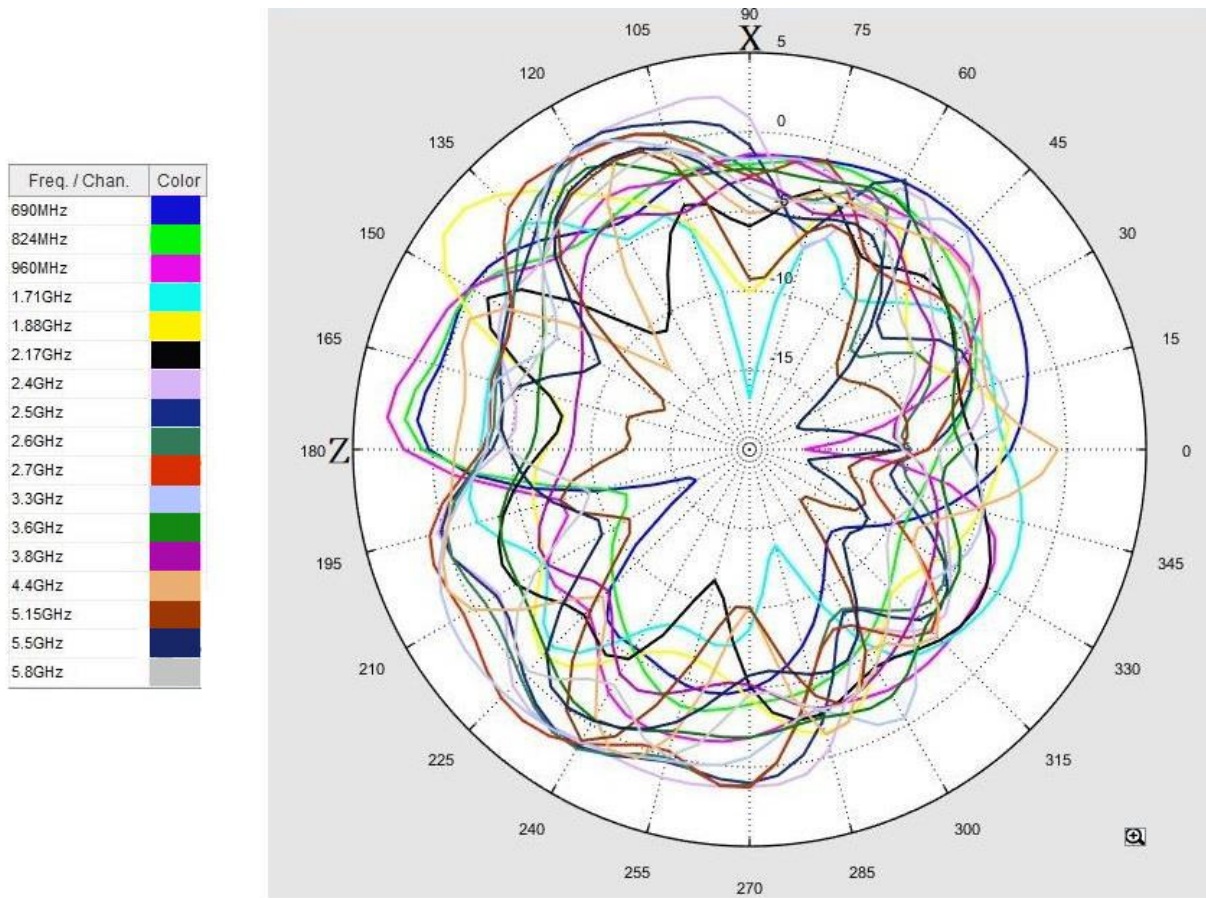


VSWR- Voltage standing wave ratio [-] GSM/UMTS/LTE/5G/WiFi



MEASUREMENT

2D - RADIATION PATTERN



SUMMARY

Frequency [MHz]	Return Loss [dB]	VSWR [-]	Efficiency [%]	Gain [dBi]
690	-8.19	2.25	52.48	0.6
824	-15.53	1.38	47.1	0.65
960	-17.98	1.28	66.53	2.32
1710	-13.26	1.55	42.95	1.39
1880	-18.49	1.26	62.52	4.92
2170	-22.34	1.17	49.2	3.6
2400	-13.81	1.51	72.61	4.22
2500	-15.52	1.41	69.66	4.53
2600	-17.13	1.32	65.77	4.47
2700	-15.22	1.42	71.94	4.68
3300	-15.36	1.41	70.47	5.6
3600	-14.64	1.45	48.75	3.28
3800	-11.13	1.78	26.79	-0.24
4400	-15.29	1.45	46.67	3.47
5150	-12.00	1.71	31.92	2.44
5500	-12.48	1.62	37.15	1.47
5800	-19.35	1.28	33.42	0.55

VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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