



## ANTENNA 5G Adhesive

Antenna 5G Adhesive, 2.5 dBi,  
SMA(m), RG174U/3m

AO-A5G-SA1S

SECTRON company offers a wide portfolio of GSM/UMTS/LTE and 5G 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

- High frequency range
- Compact design
- Low VSWR

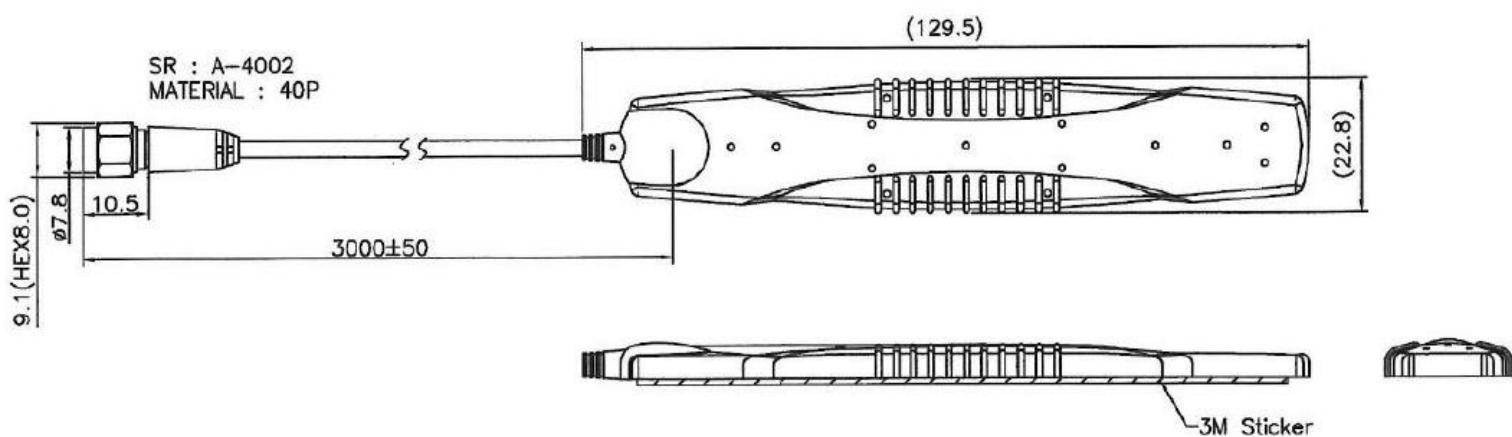


## FEATURES

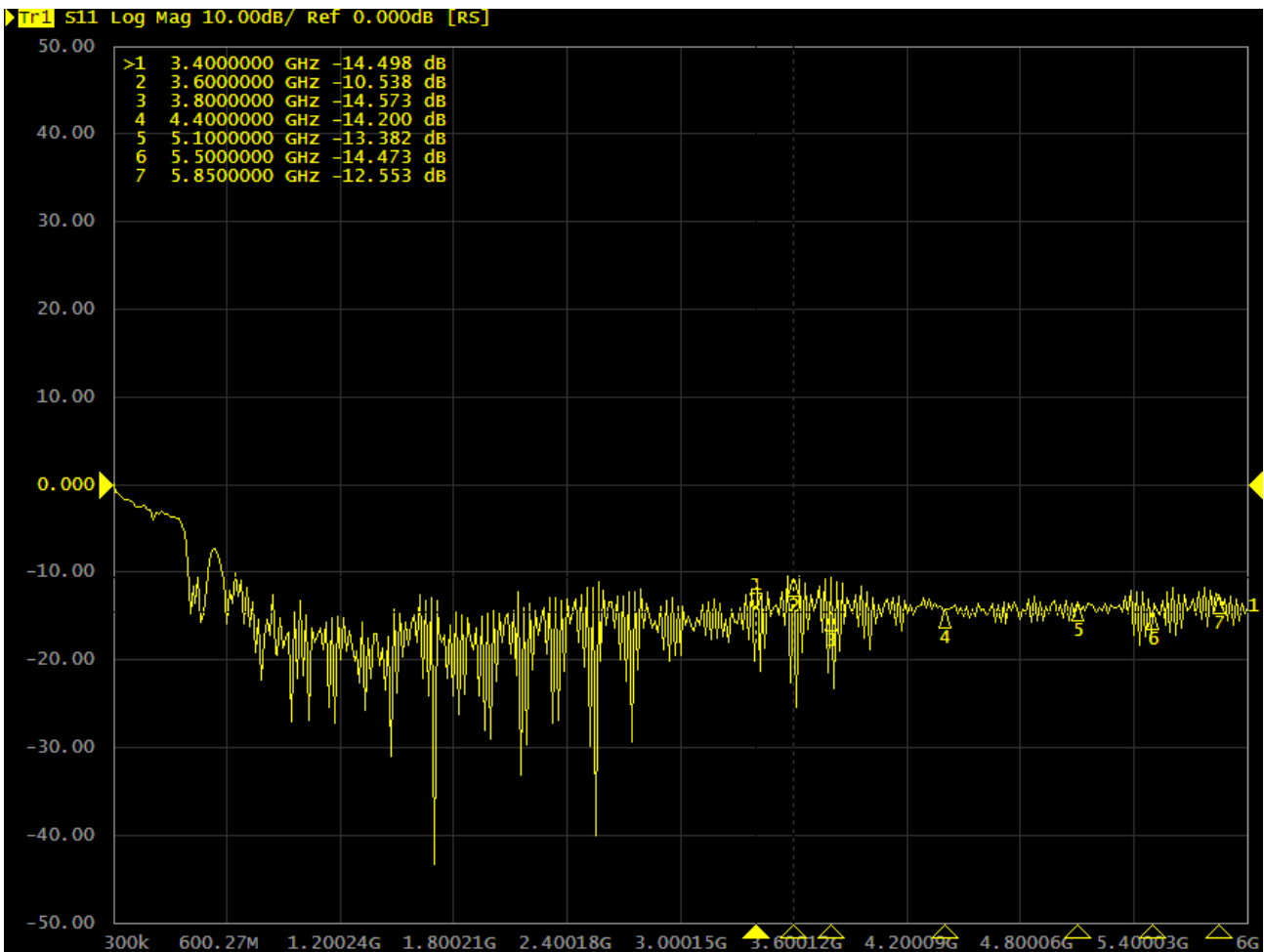
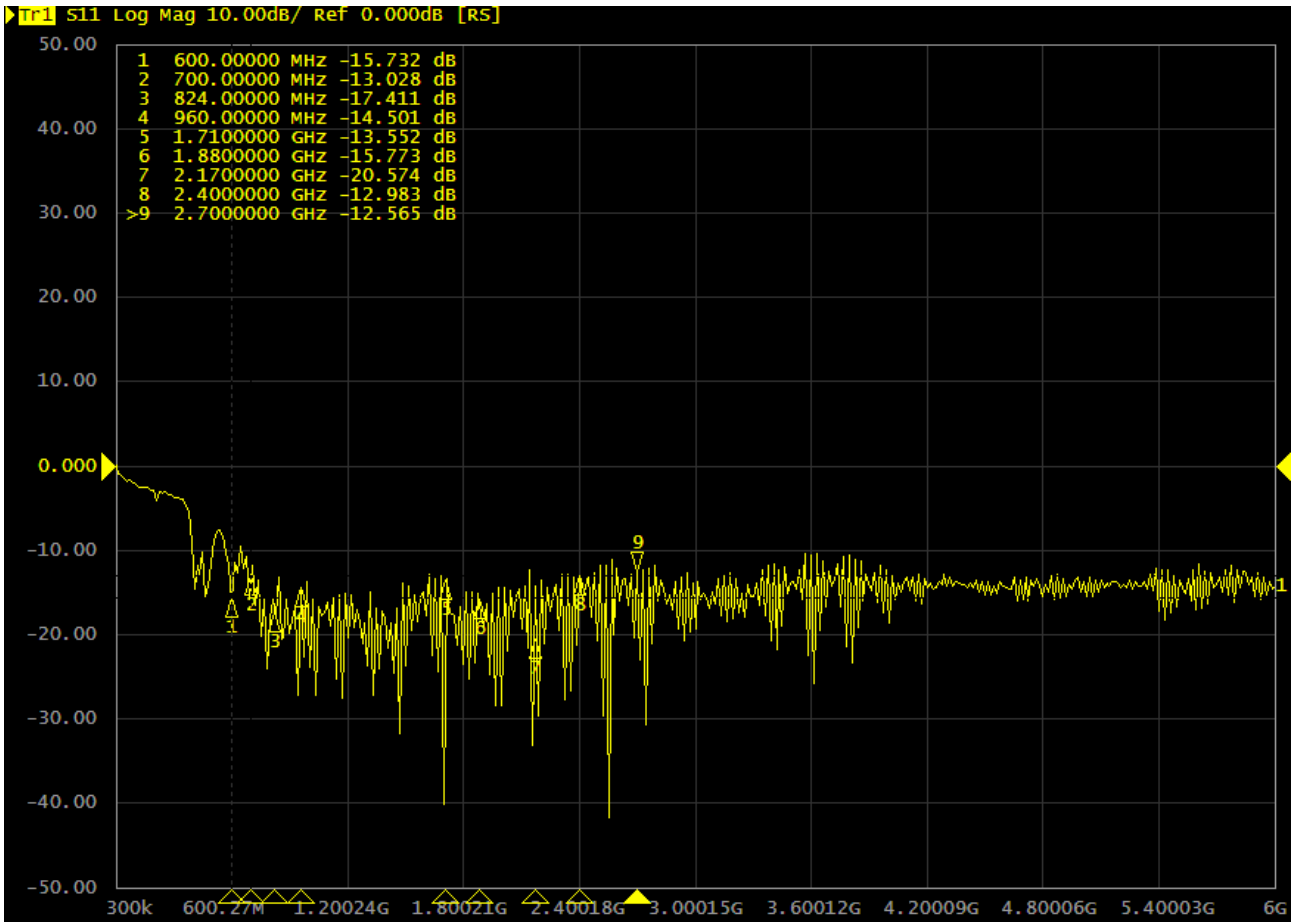
AO-A5G-SA1S

Technology	GSM/UMTS/LTE/5G
Frequency bands	600 - 6000 MHz
Bandwidth	-
Maximum gain	2.5 dBi
VSWR	<2:1
Impedance	50 Ohm
Directivity	Directional
Beam angle	H 360° V 30
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	129.5 x 22.8 x 6.7 mm
Weight	- g
Operating temperature	-30 to +80 °C
Execution	External
Method of attachment	Adhesive
Cable type	RG174/U
The cable length	3 m
Connector type	SMA(m)
Certification	RoHS - ISO 9001/14001

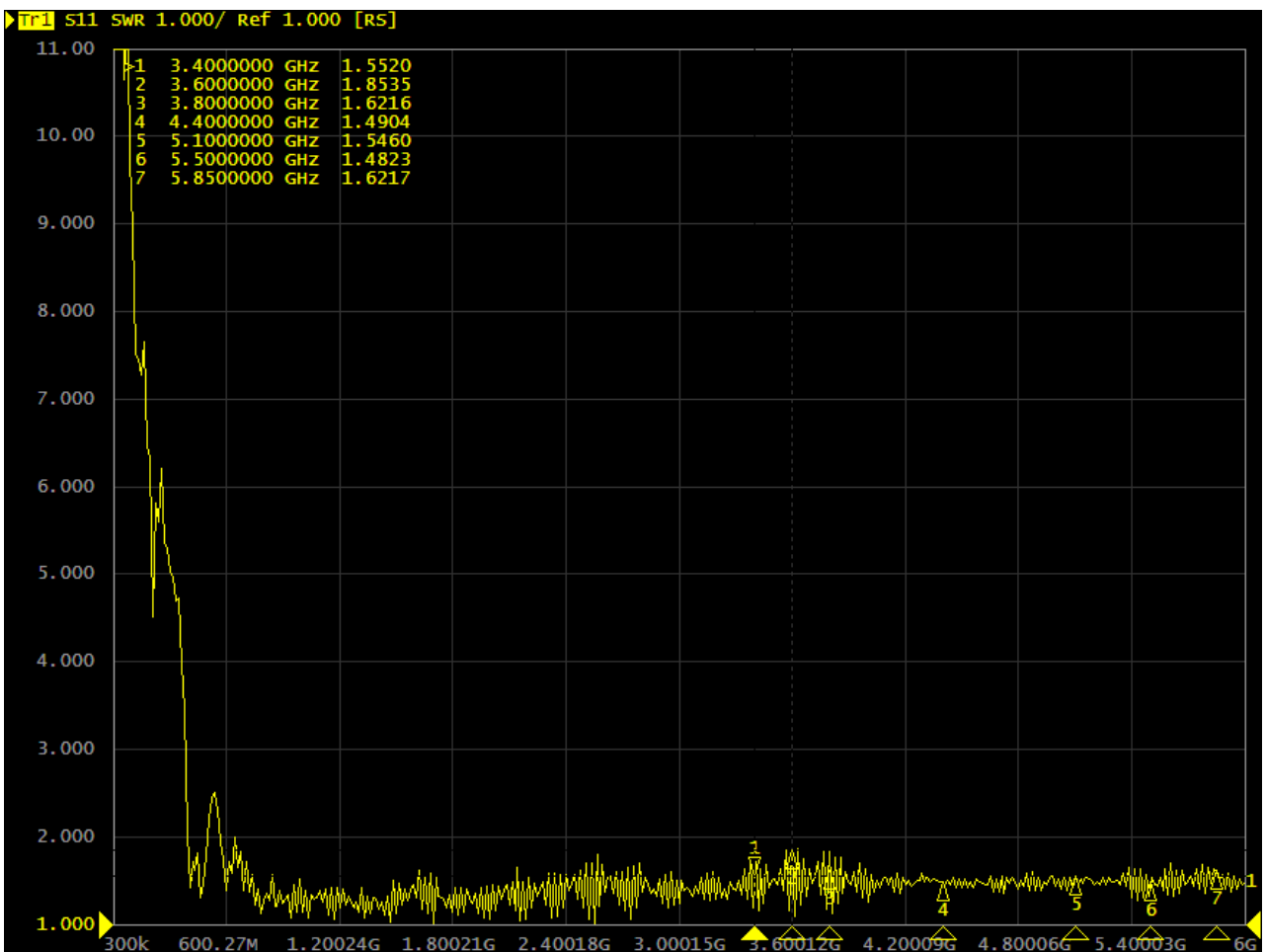
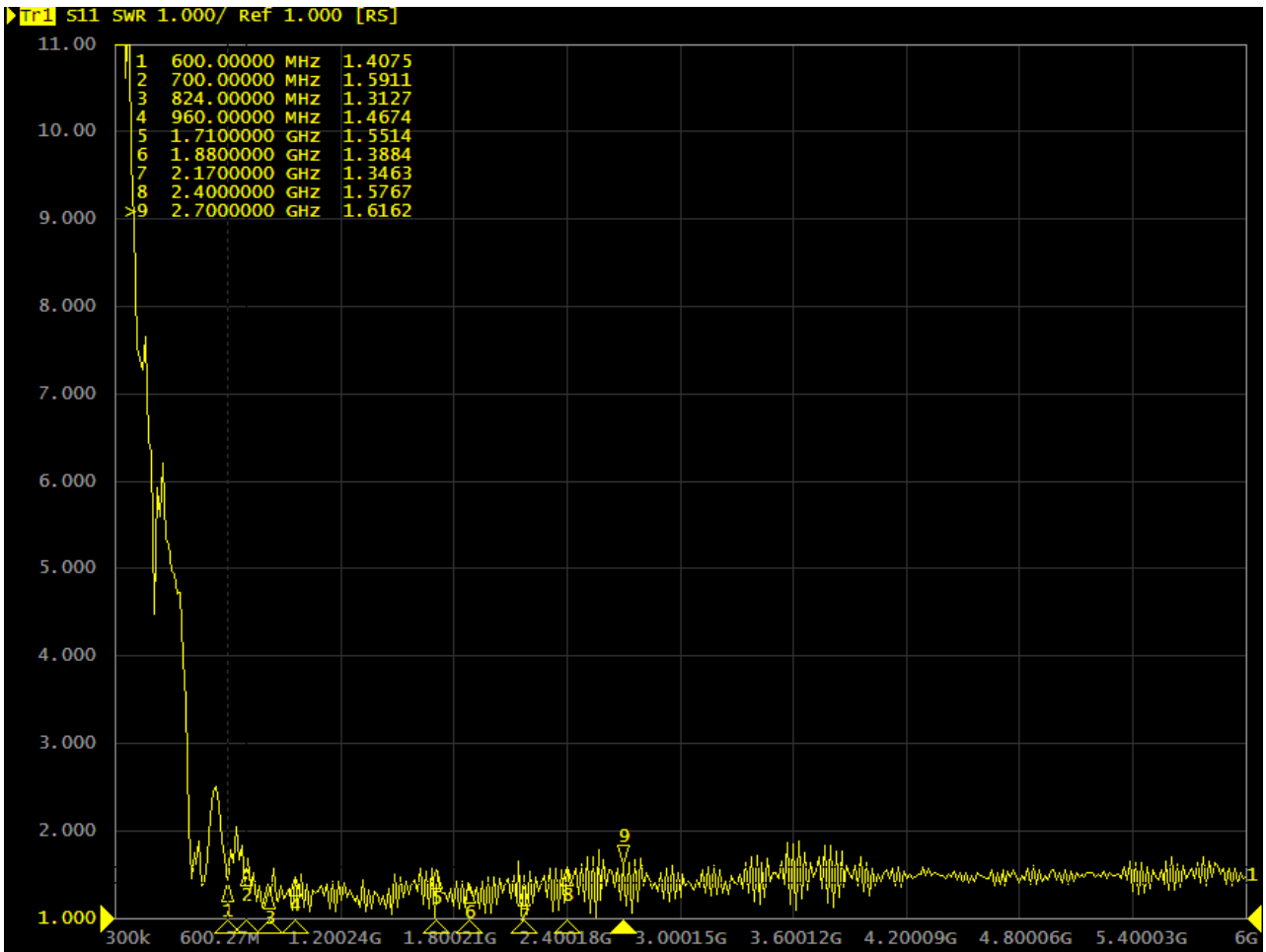
## DRAWING



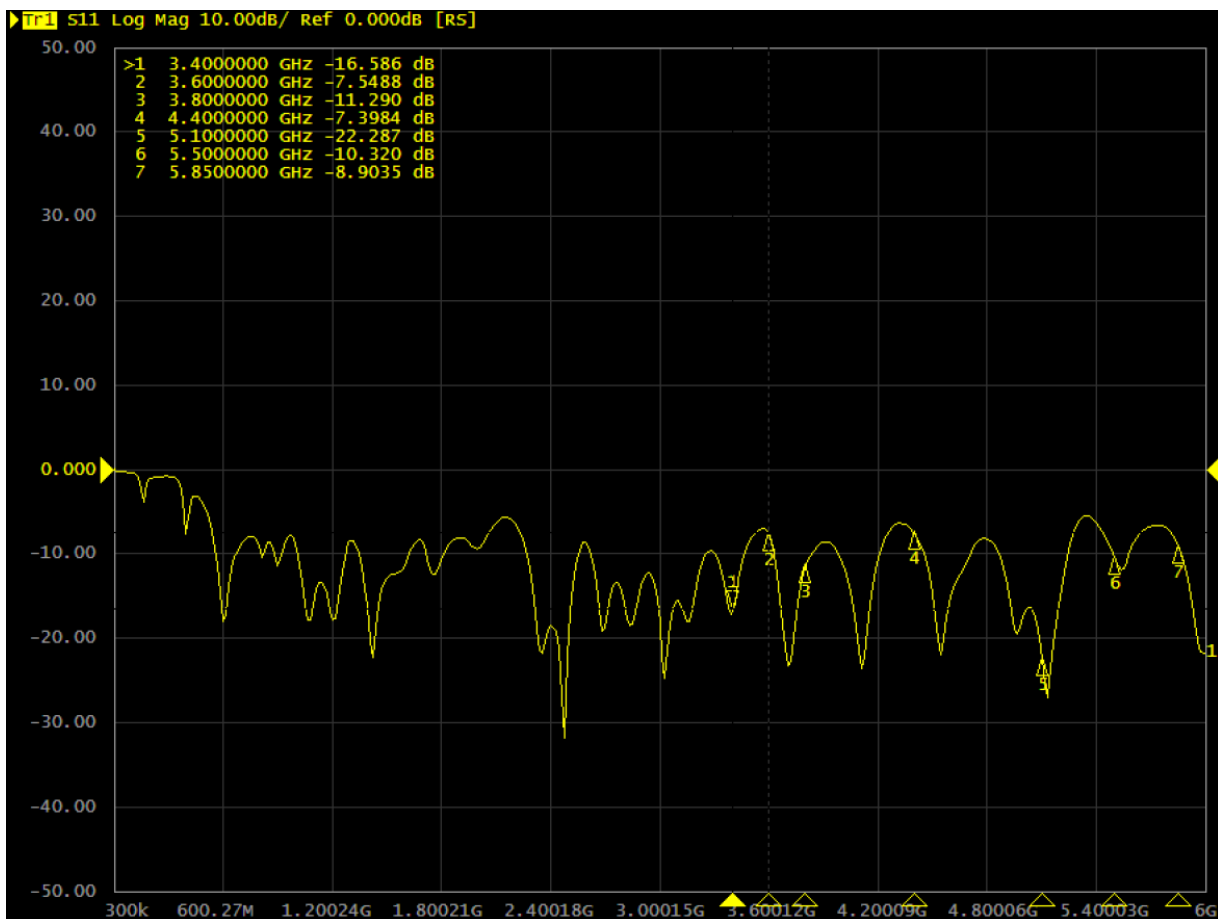
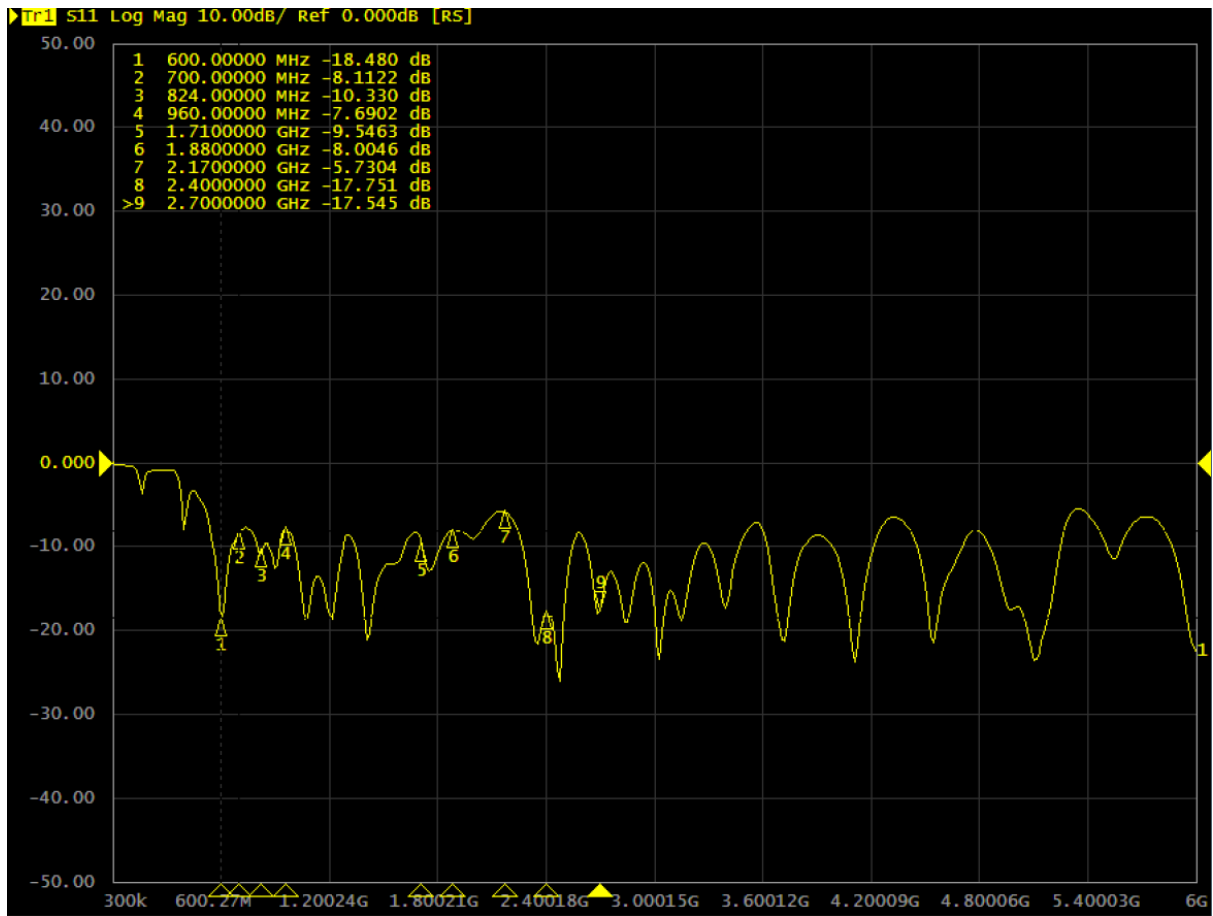
S<sub>11</sub> [dB] – RETURN LOSS – 3m cable



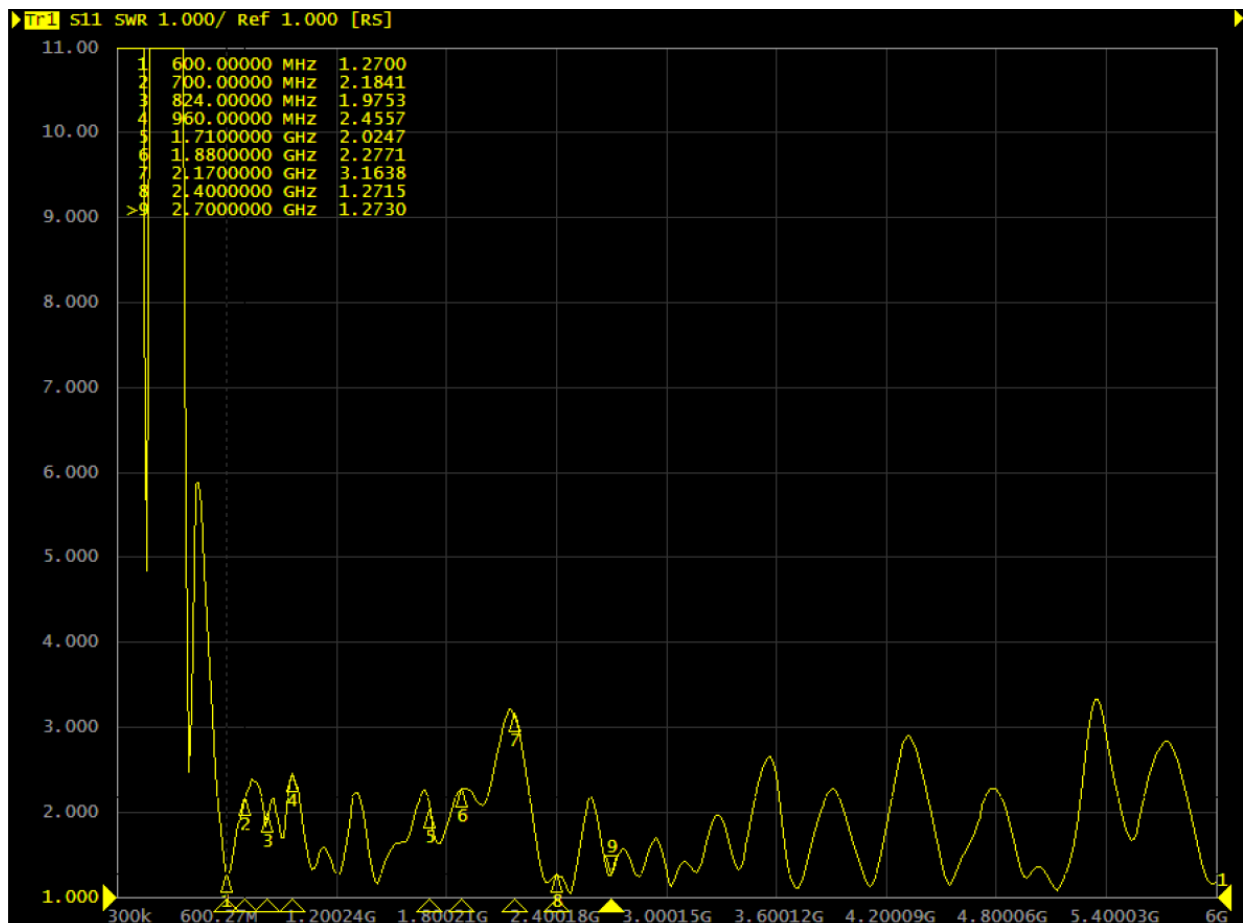
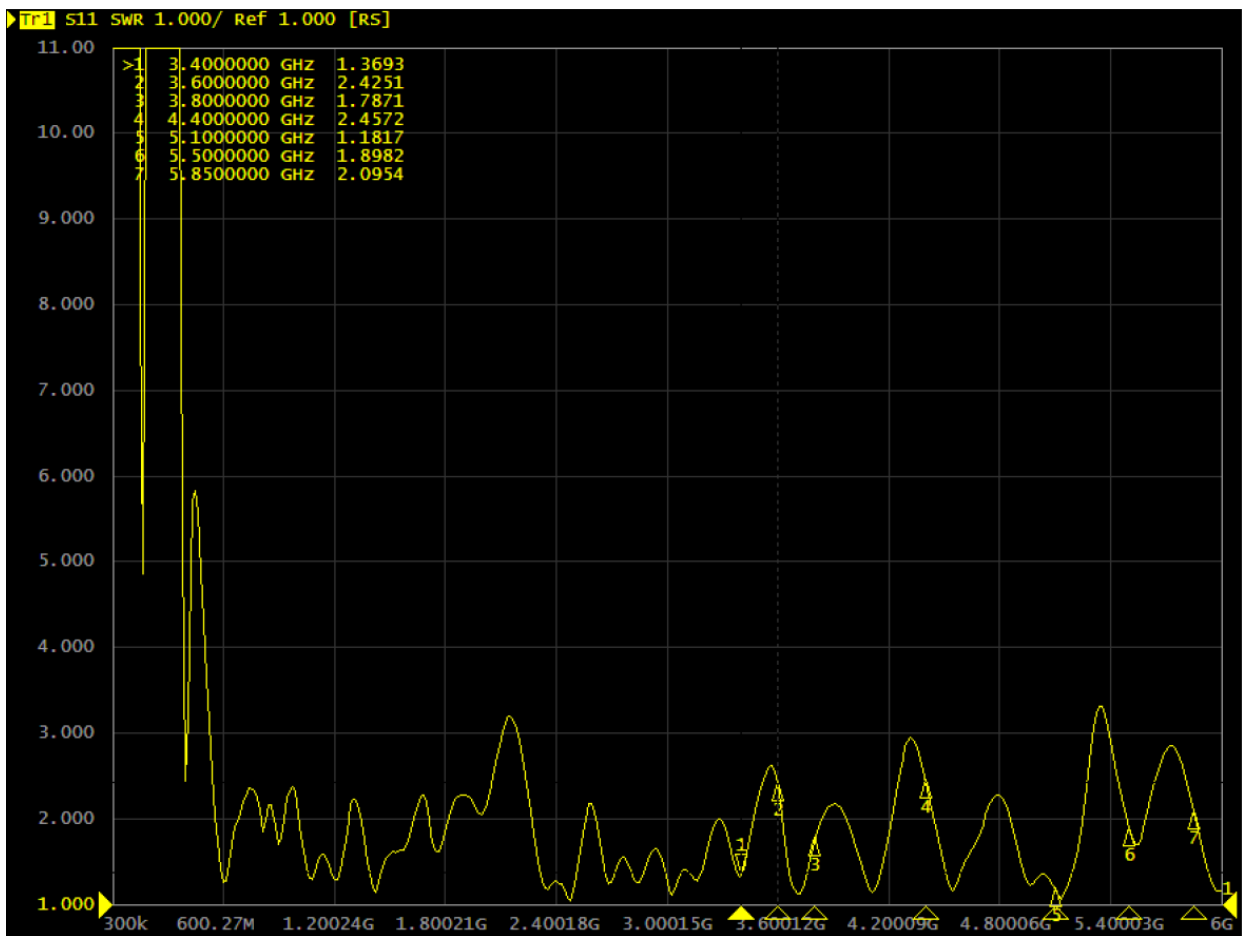
VSWR- STANDING WAVE RATIO [-] – 3m cable

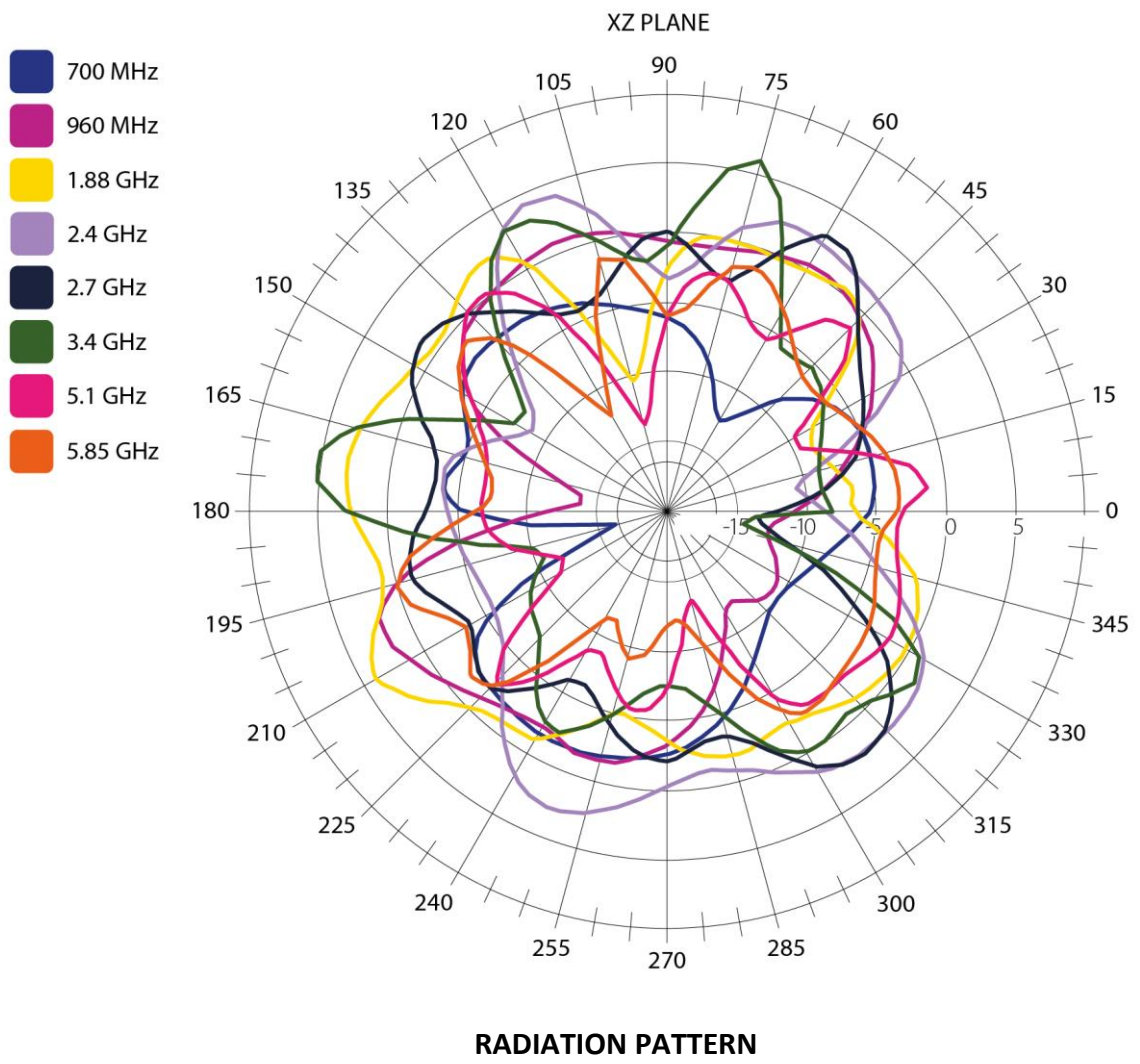


S<sub>11</sub> [dB] – RETURN LOSS – 20 cm cable



VSWR- STANDING WAVE RATIO [-] – 20 cm cable





<b>Frequency (MHz)</b>	<b>Return Loss (dB)</b>	<b>VSWR</b>	<b>Efficiency (%)</b>	<b>Gain (dBi)</b>
600	-15.73	1.40	49.55	0.33
700	-13.02	1.59	51.05	0.89
824	-17.41	1.31	51.4	1.46
960	-14.50	1.46	63.39	2.19
1710	-13.55	1.55	50.23	3.89
1880	-15.77	1.38	58.75	4.27
2170	-20.57	1.34	56.36	2.4
2400	-12.98	1.57	62.09	3.57
2700	-12.56	1.61	43.85	2.9
3400	-14.49	1.55	46.77	6
3800	-14.57	1.62	49.55	4.58
4400	-14.20	1.49	34.04	1.47
5100	-13.38	1.54	33.42	0.69
5500	-14.47	1.48	20.51	-0.46
5850	-12.55	1.62	31.84	0.78

#### ALL VARIANTS

Different connector variants or cable lengths are available on request.

#### CONTACTS

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