



ANTENNA 5G

Antenna 5G Pole mount,
600-3800 MHz, 5 dBi, N(f)

AO-A5G-OM60

SECTRON company offers a wide portfolio of GSM/UMTS/LTE/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.

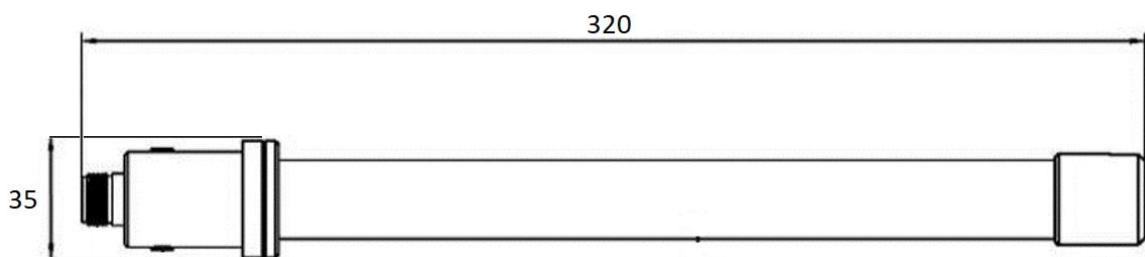


BENEFITS

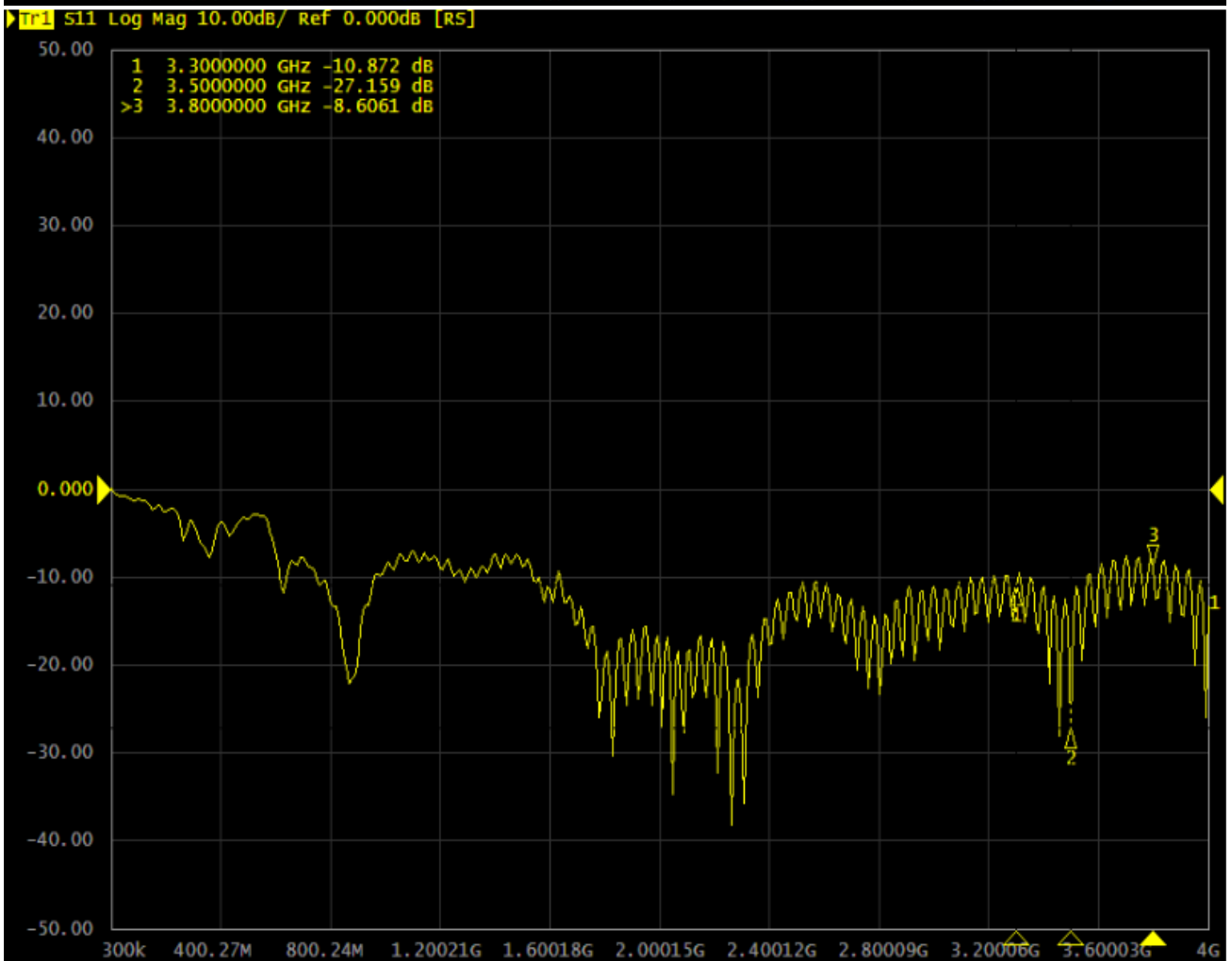
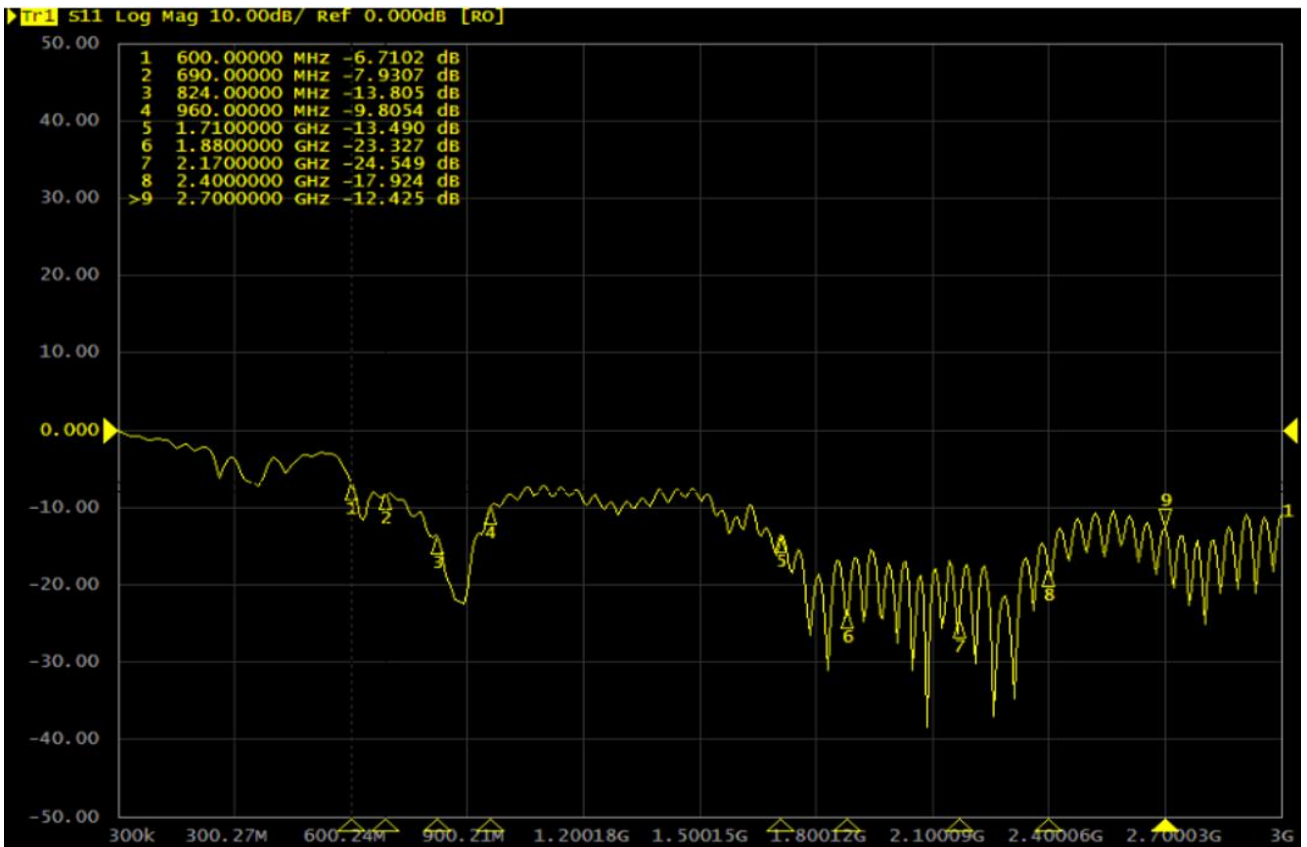
- Low VSWR
- UWB antenna
- High gain

Technology	GSM/UMTS/LTE/5G
Frequency bands	690-960/1710-2170/2400-2700/3300-3800 MHz
Bandwidth	-
Gain	5.2 dBi
VSWR	<2.0:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs below
Polarization	Linear (Vertical)
Maximum input power	50 W
Power voltage	-
Dimensions	∅ 35 x 320 mm
Weight	620 g
Operating temperature	-40°C to +85 °C
Execution	External
Method of attachment	Pole mount
Cable type	-
The cable length	-
Connector type	N(f)
Certification	RoHS

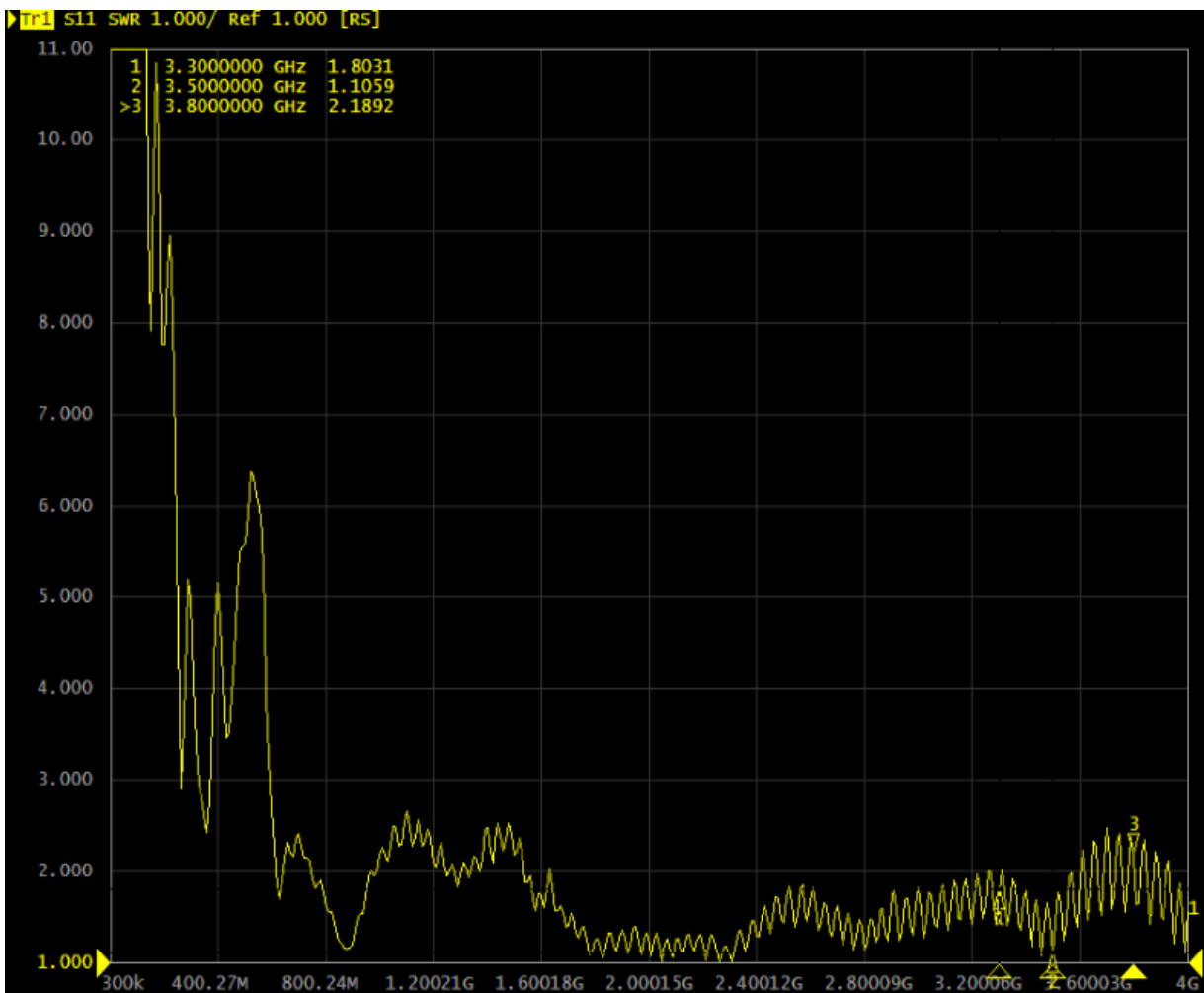
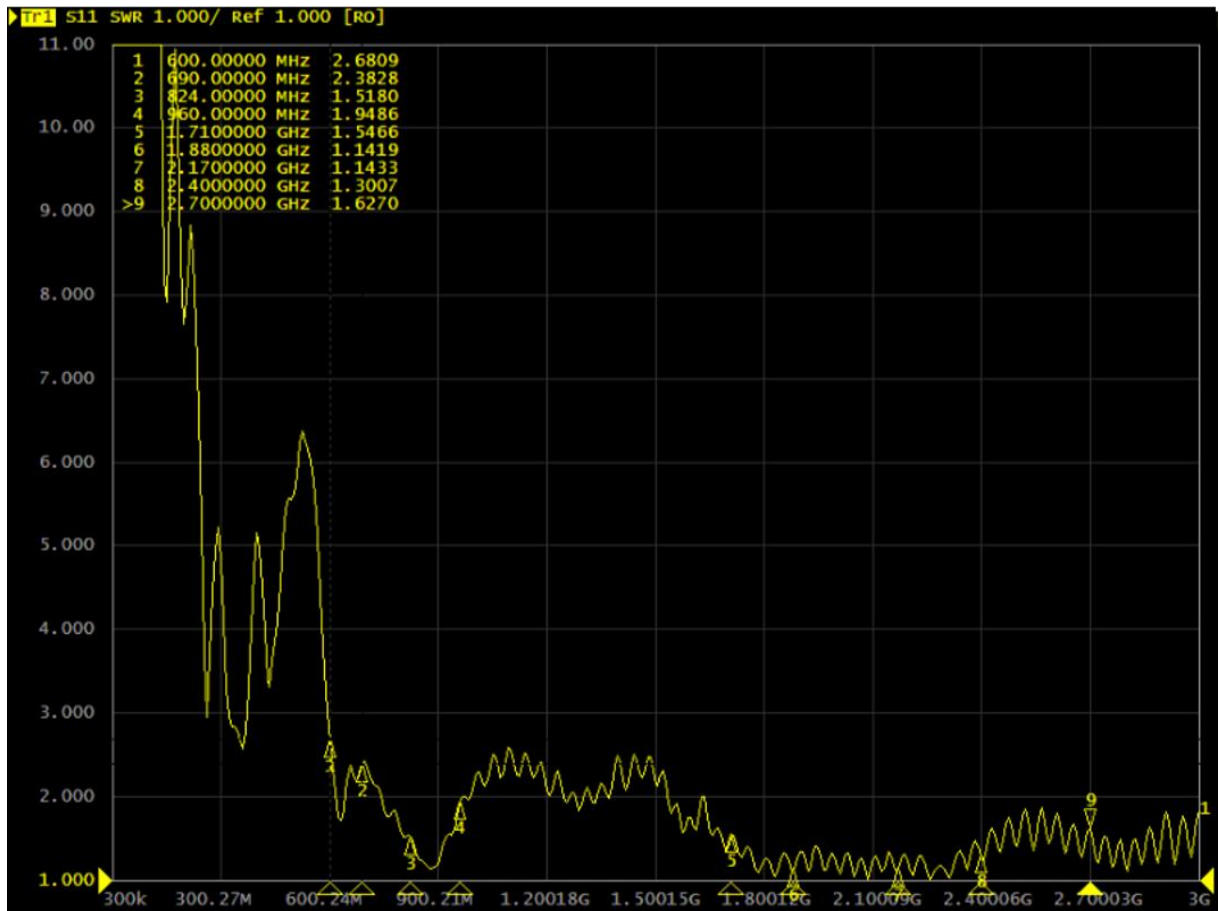
DRAWING



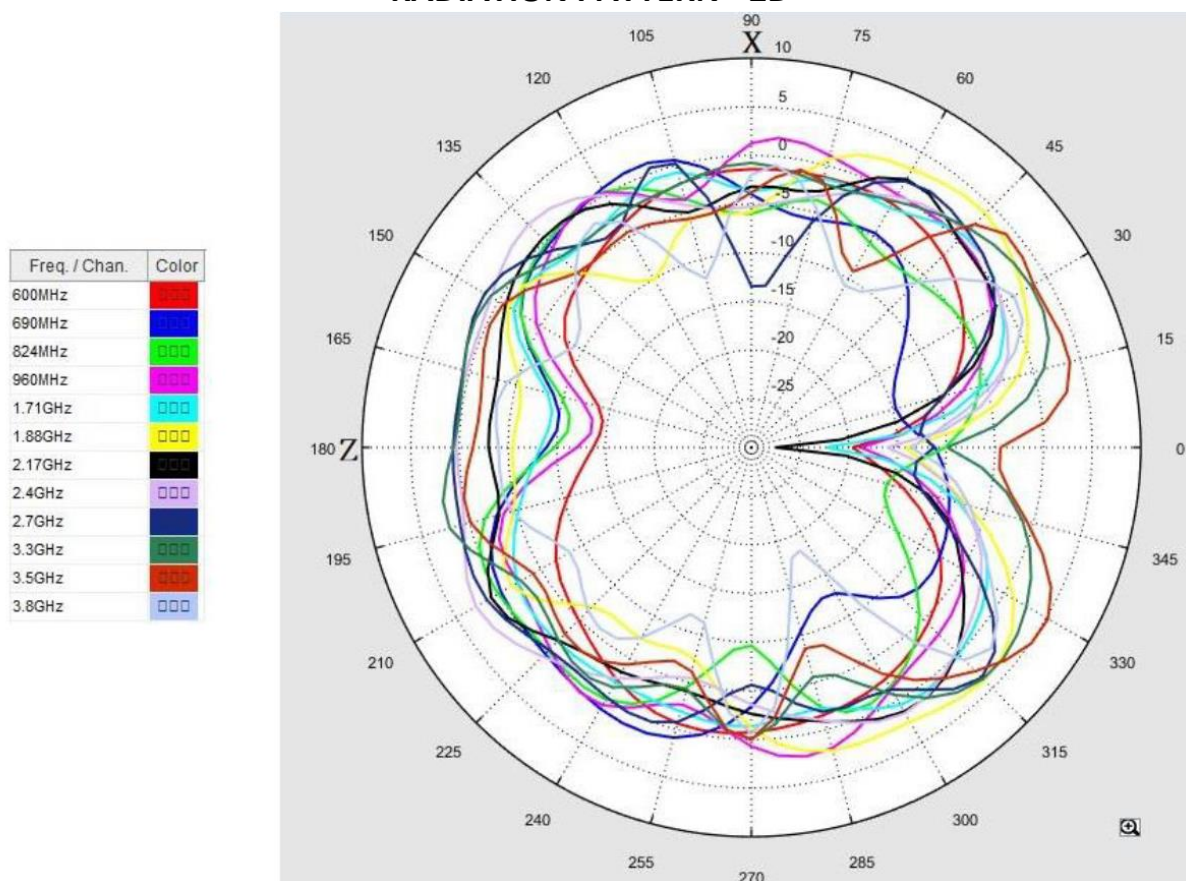
S₁₁ – Return loss [dB]



VSWR – STANDING WAVE RATIO [-]



RADIATION PATTERN - 2D



SUMMARY

Frequency [MHz]	VSWR [-]	S ₁₁ [dB]	GAIN [dBi]
600	2.68	-6.71	0.63
690	2.38	-7.93	1.02
824	1.52	-13.8	0.42
960	1.95	-9.8	2.25
1710	1.55	-13.5	0.95
1880	1.14	-23.33	4.07
2170	1.14	-24.55	1.88
2400	1.3	-17.92	2.69
2700	1.63	-12.43	3.47
3300	1.80	-10.87	4.45
3500	1.10	-27.16	5.2
3800	2.19	-8.61	1.34

VARIANTS

Different connector variants or cable lengths are available on request

CONTACTS