



5G ANTENNA

Antenna 5G MIMO Screw Mount,
700-960, 1100-2690, 3300–5000 MHz,
3.5 dBi, 4x SMA(m), 4x Cable 3m

AO-A5G-ROB-3190

SECTRON company offers a wide portfolio of 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

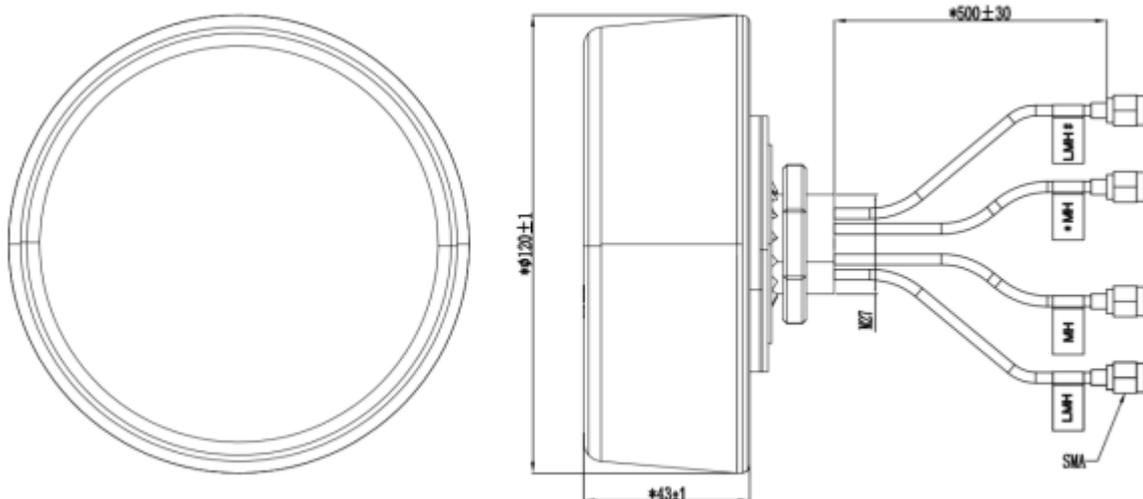
- Low VSWR
- Easy installation

FEATURES

AO-A5G-ROB-3190

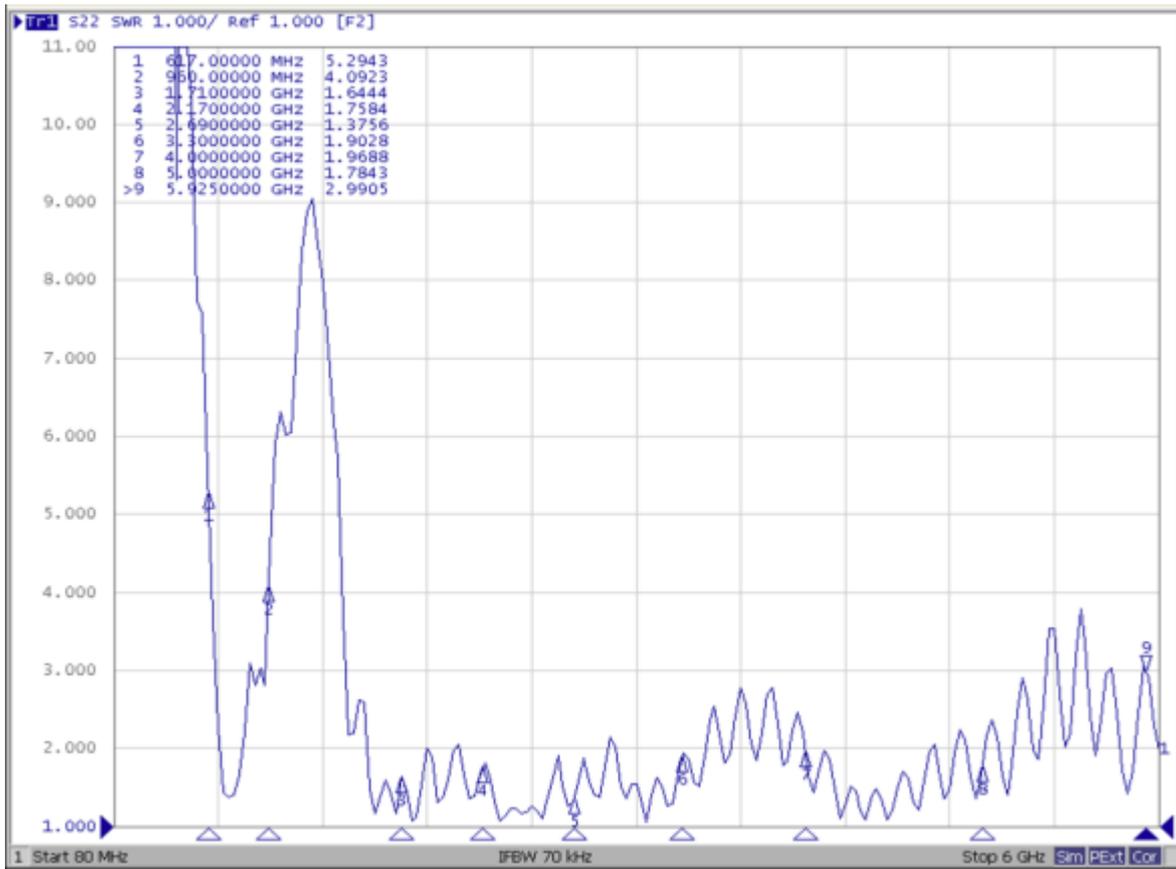
Technology	5G/LTE/UMTS/GSM/GNSS/WiFi
Frequency bands	700–960/1100–2690 MHz/3300–5000 MHz
Bandwidth	-
Gain	3 dBi
VSWR	<2.0:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H 360° V 30°
Polarization	Linear (Vertical)
Maximum input power	10 W
Power voltage	-
Dimensions	∅ 120 x 43 mm
Weight	570 g
Operating temperature	-20°C to +80 °C
Execution	External
Method of attachment	Screw mount
Cable type	4x RG174/U
The cable length	4x 3000 mm
Connector type	4x SMA(m)
Certification	RoHS
IP code	IP67

DRAWING

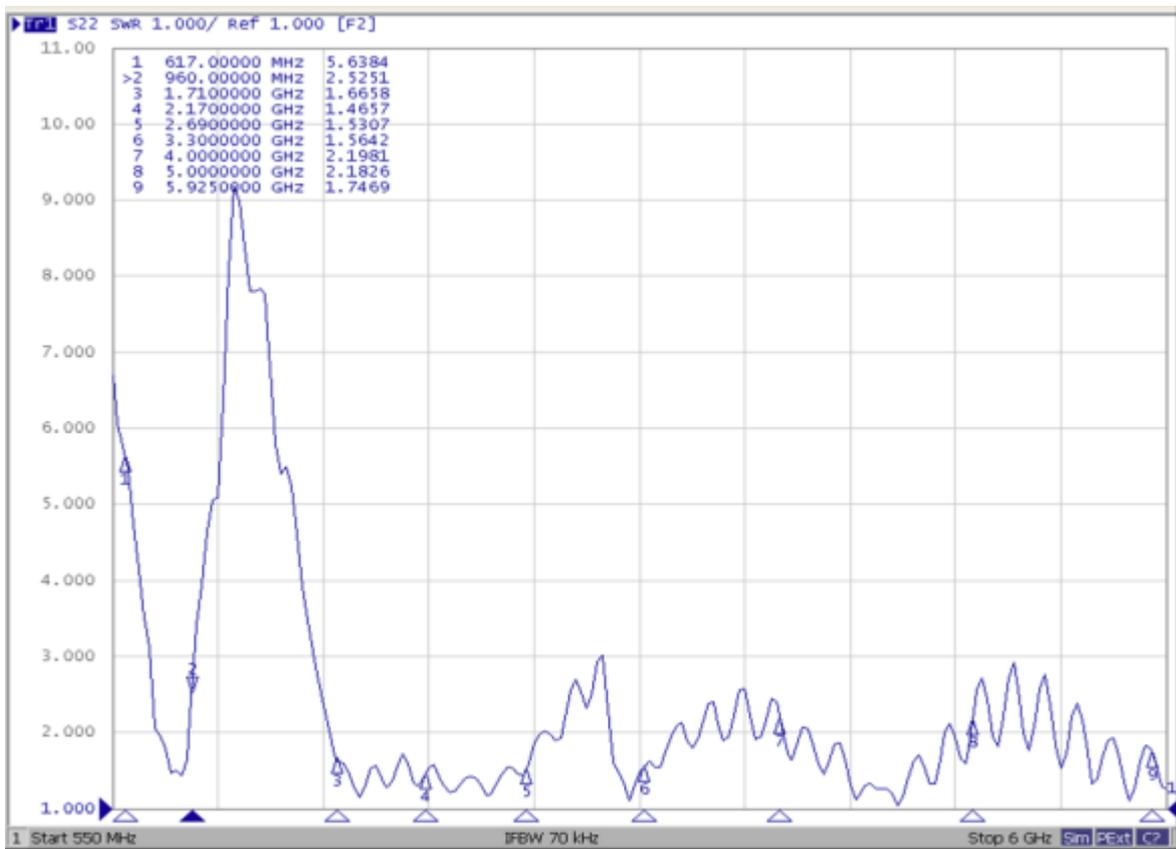


Unit: MM

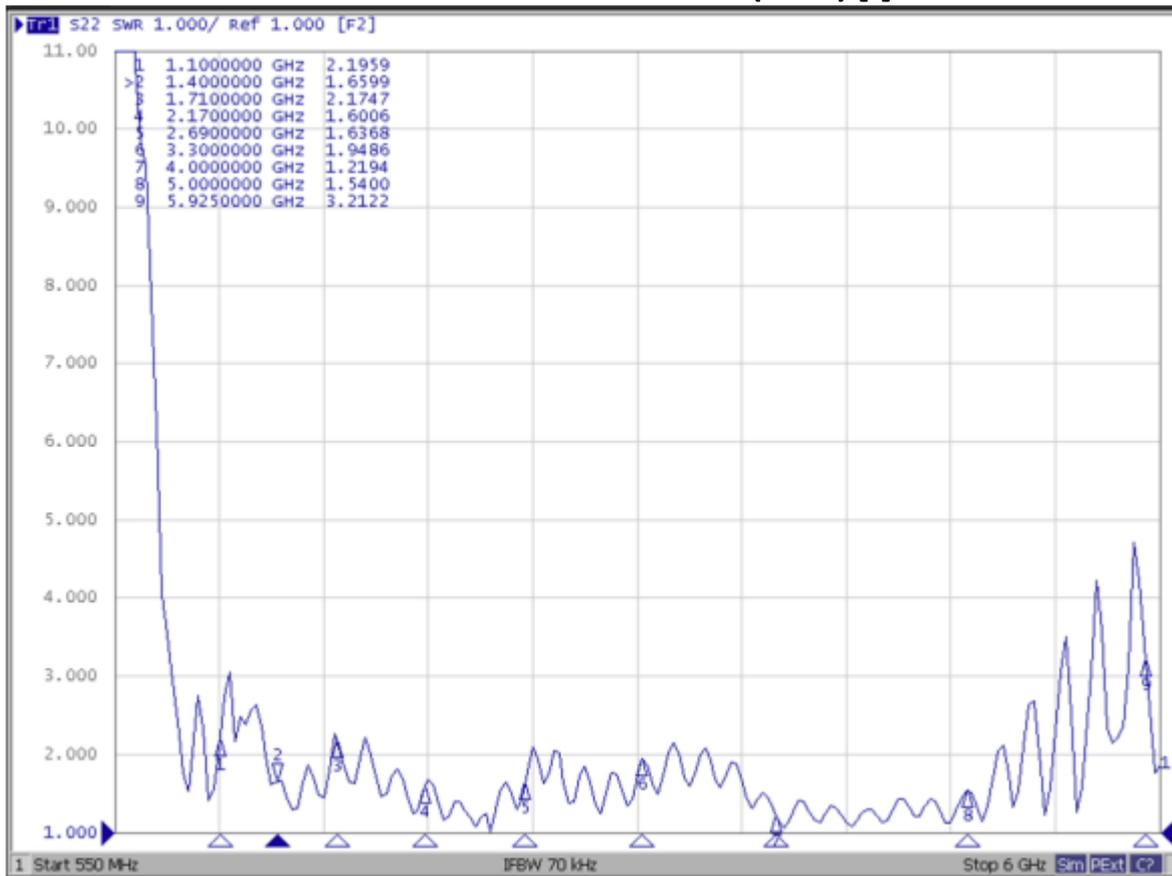
VSWR - 4G&5G Main Antenna (LMH#) [-]



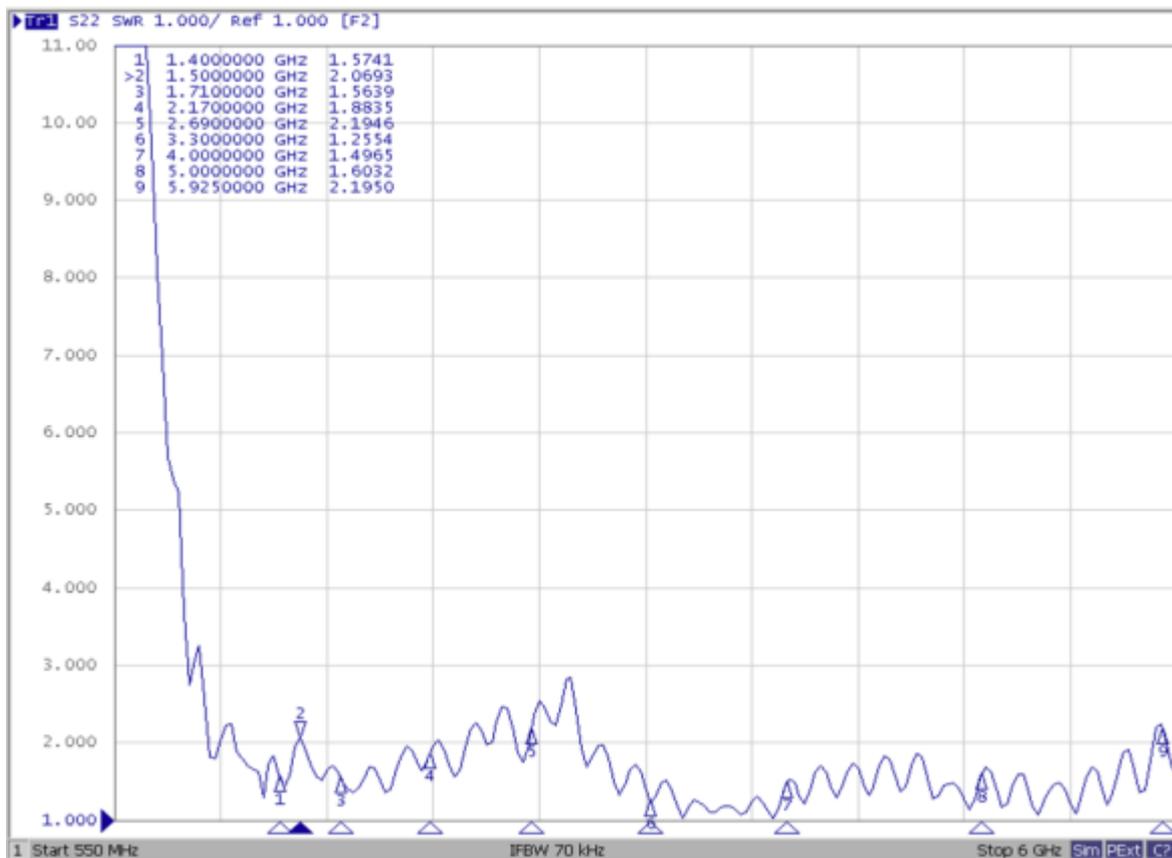
VSWR – 4G&5G Diversity Antenna (LMH) [-]



VSWR - 5G-MIMO1 Antenna (*MH) [-]

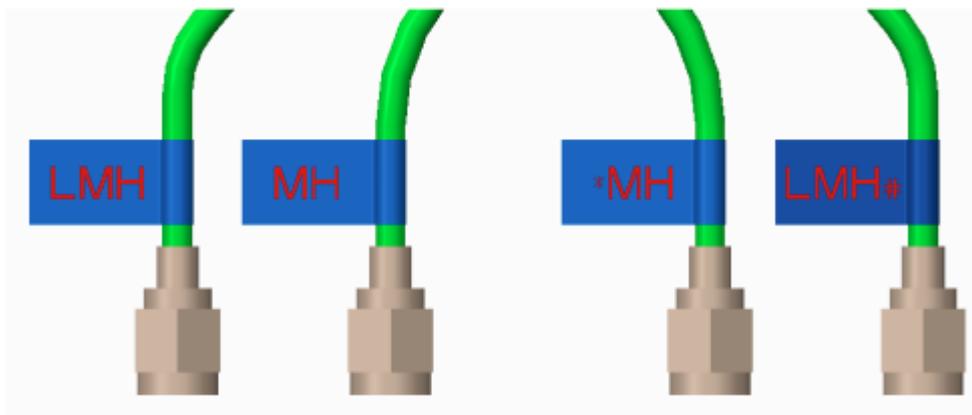


VSWR - 5G-MIMO2 Antenna (MH) [-]



VSWR [-] summary

Frequency [MHz]	LMH#	LMH	*MH	MH
617	5.30	5.63	-	-
960	4.09	2.55	-	-
1100	-	-	2.19	-
1400	-	-	1.66	1.57
1500	-	-	-	2.07
1710	1.64	1.66	2.18	1.56
2170	1.76	1.47	1.60	1.88
2690	1.38	1.53	1.64	2.19
3300	1.90	1.56	1.95	1.25
4000	1.97	2.20	1.22	1.50
5000	1.78	2.19	1.54	1.60
5925	2.99	1.75	3.21	2.19



Connector	Frequency [MHz]
LMH#	600 - 5000
*MH	1100 - 6000
MH	1400 - 6000
LMH	600 - 5000

VARIANTS

Different connector variants or cable lengths are available on request

CONTACTS