



GSM ANTENNA

Antenna GSM Magnet Mount 30,
3 dBi, SMA(m), RG174/3m

AO-AGSM-MG3S

SECTRON company offers a wide portfolio of GSM 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

- Easy installation
- Low VSWR
- Omnidirectional

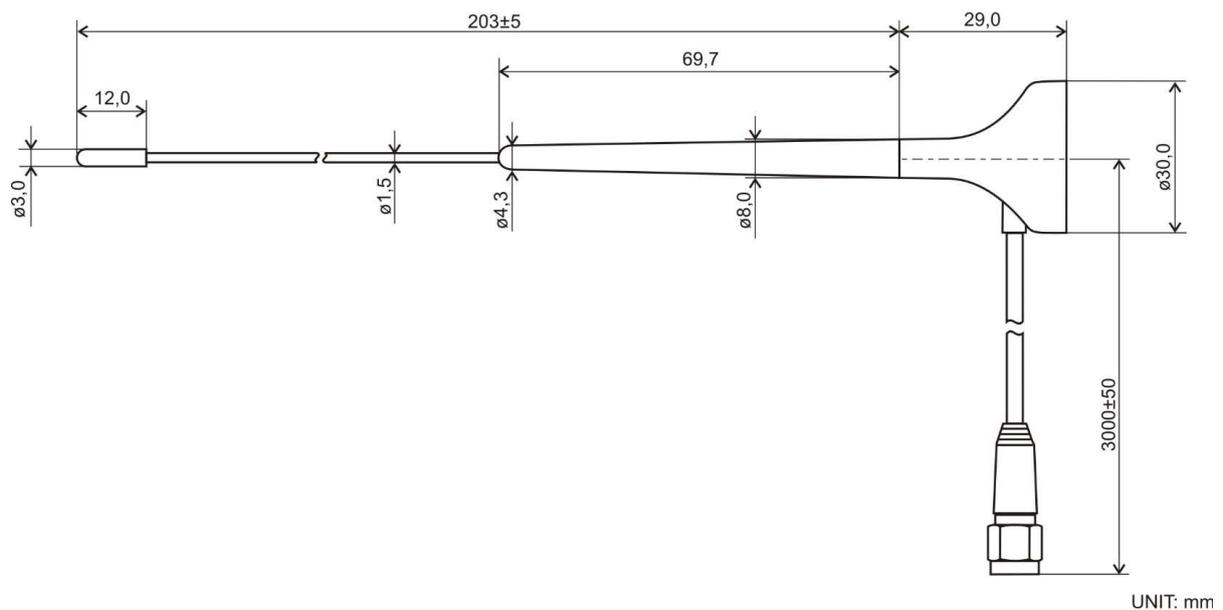


FEATURES

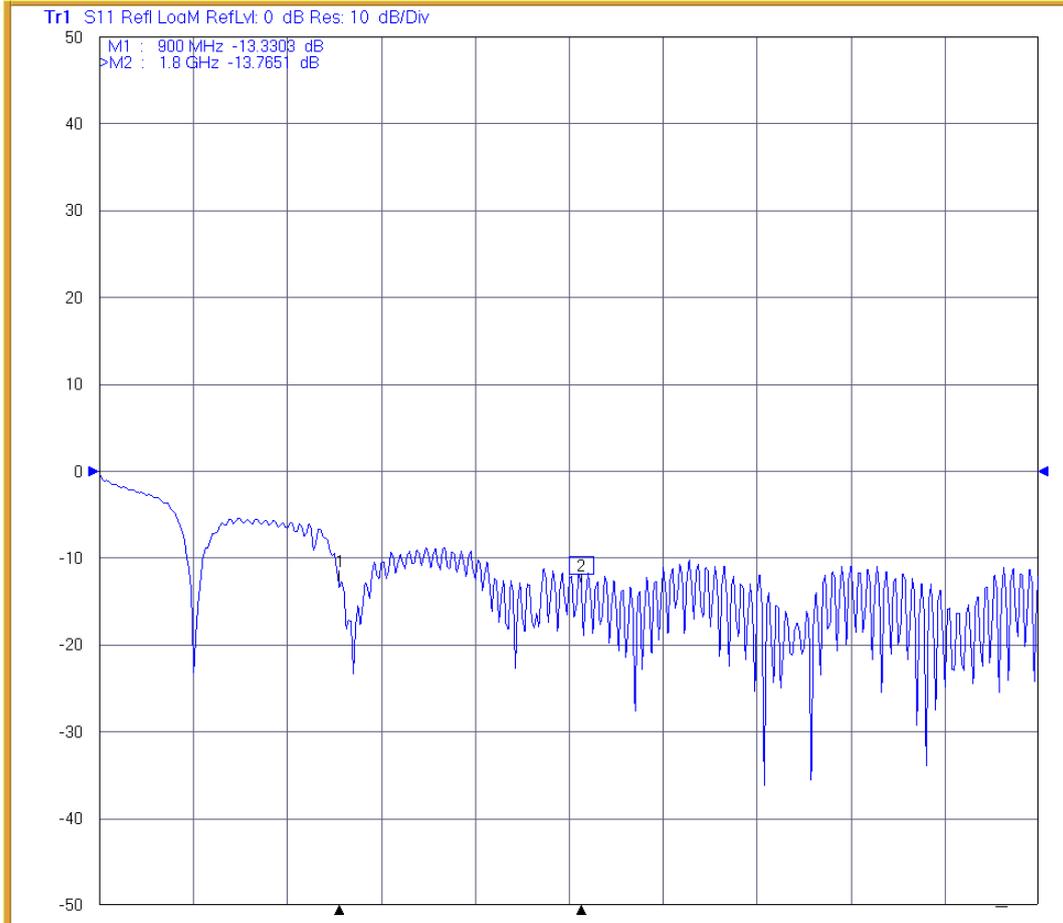
AO-AGSM-MG3S

Technology	GSM
Frequency bands	900, 1800 MHz
Bandwidth	-
Gain	3 dBi
VSWR	<1.6:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H 360° V 30°
Polarization	Vertical
Maximum input power	10 W
Power voltage	2.2-5 VDC
Dimensions	Ø 30 x 232 mm
Weight	50.75 g
Operating temperature	-30 to +90 °C
Execution	External
Method of attachment	Magnet Mount
Cable type	RG174/U
The cable length	3 m
Connector type	SMA(m)

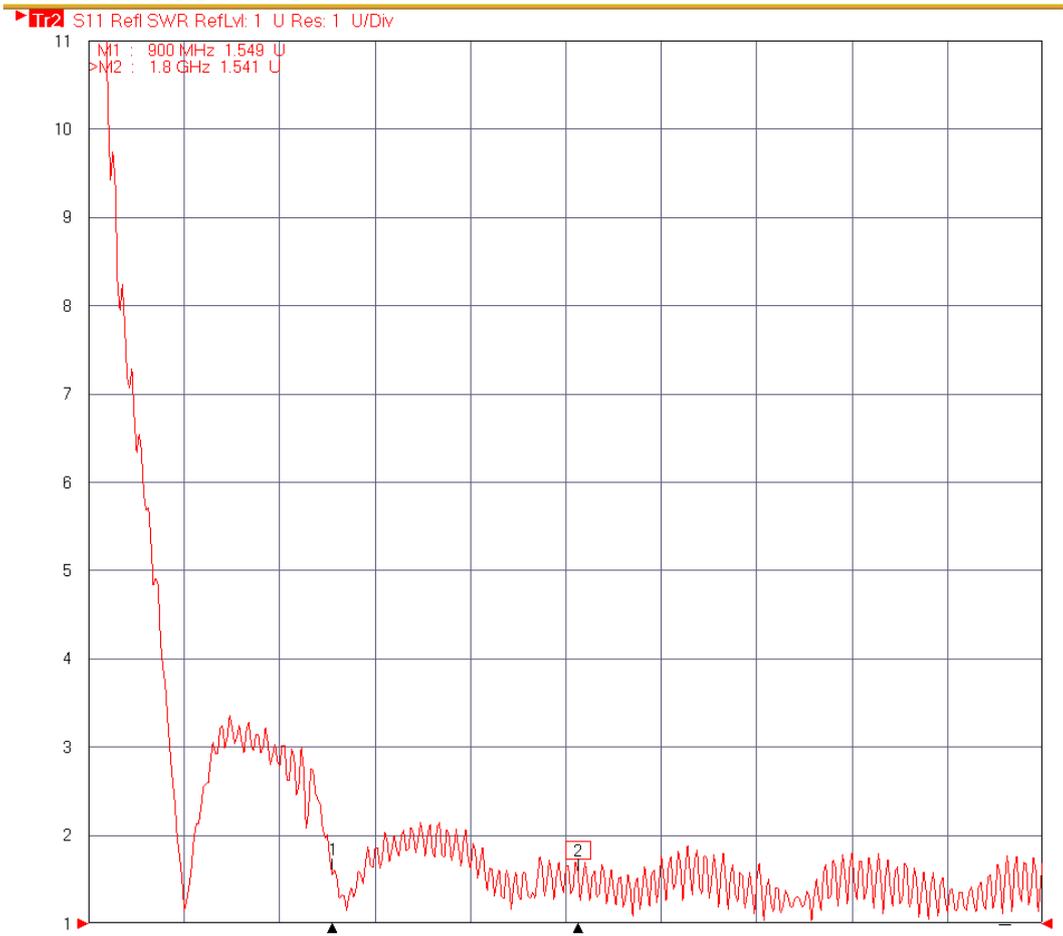
DRAWING



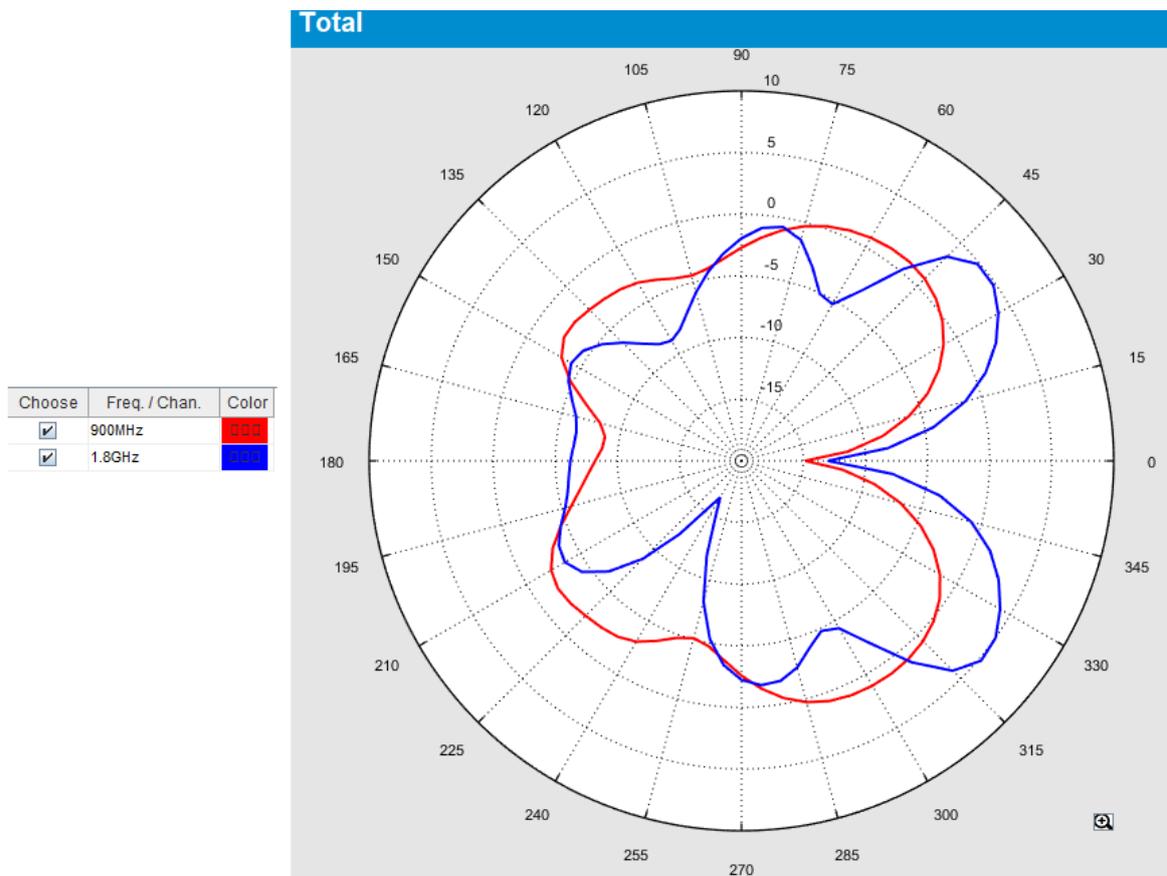
S_{11} - Return Loss [dB]



VSWR – Voltage standing wave ratio [-]



2D - RADIATION PATTERN



SUMMARY

Frequency [MHz]	S_{11} [dB]	VSWR [-]	Efficiency [%]	Gain [dBi]
900	-13.33	1.54	69.02	1.2
1800	-13.76	1.54	65.46	4.38

VARIANTS

AO-AGSM-MG3S

Different connector variants or cable lengths are available on request.

CONTACTS

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