



GSM ANTENNA

Antenna GSM Magnet Mount 25,
2.5 dBi, SMA(m), RG174 /5 m

AO-AGSM-MG25

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

- Low VSWR
- Easy installation
- Gain

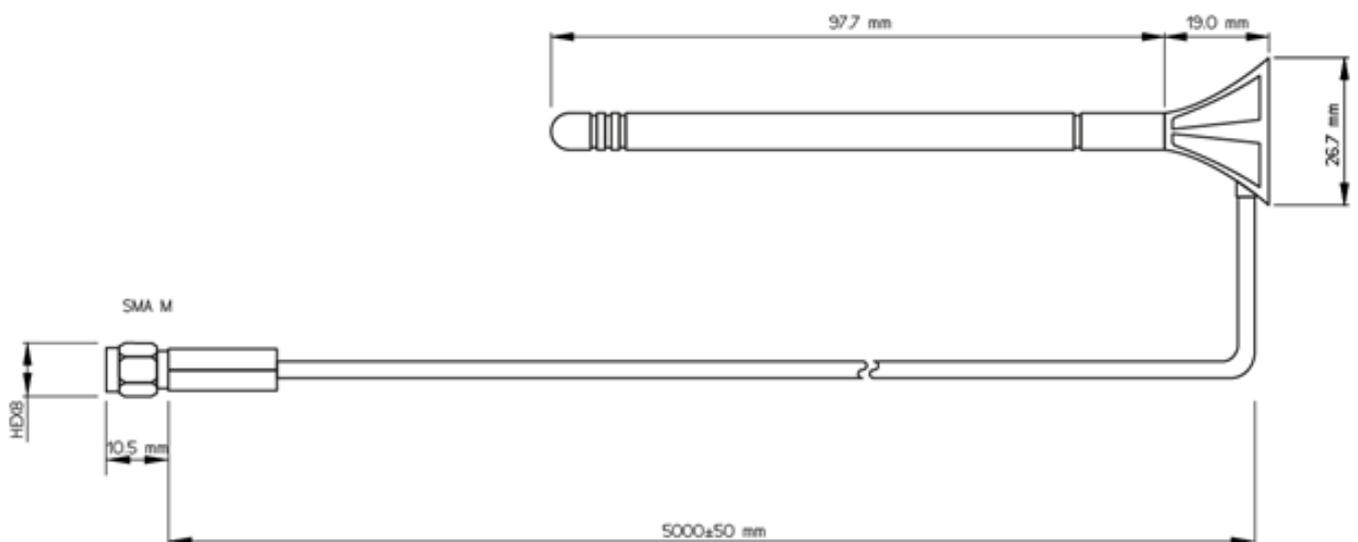


FEATURES

AO-AGSM-MG25

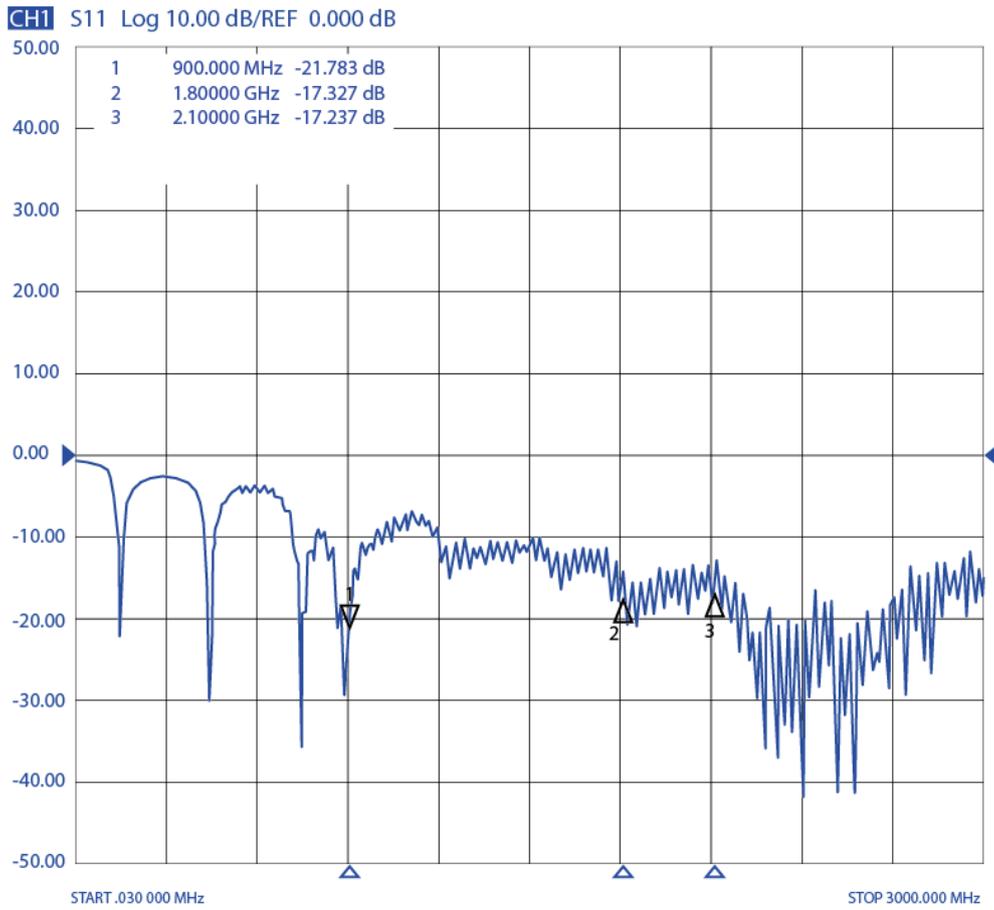
Technology	GSM/UMTS
Frequency bands	900/1800/2100 MHz
Bandwidth	-
Gain	2.5 dBi
VSWR	<1.33:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs bellow
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	∅ 26.7 x 116.7 mm
Weight	64.71 g
Operating temperature	-30 to +90 °C
Execution	External
Method of attachment	Magnet mount
Cable type	RG174
The cable length	5 m
Connector type	SMA(m)
Certification	RoHS, ISO9001, ISO14001

DRAWING

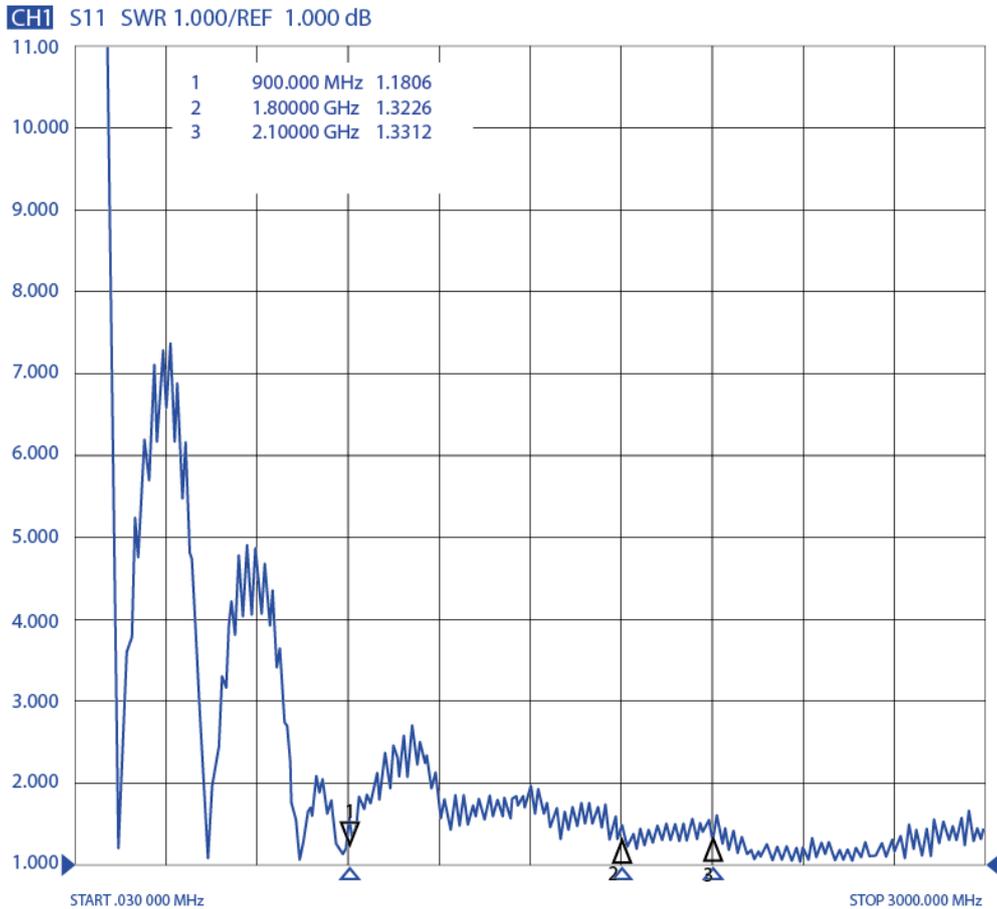


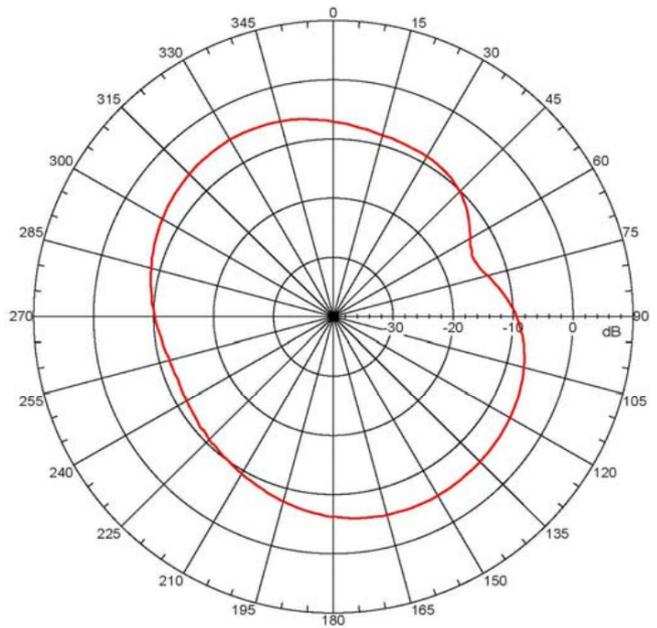
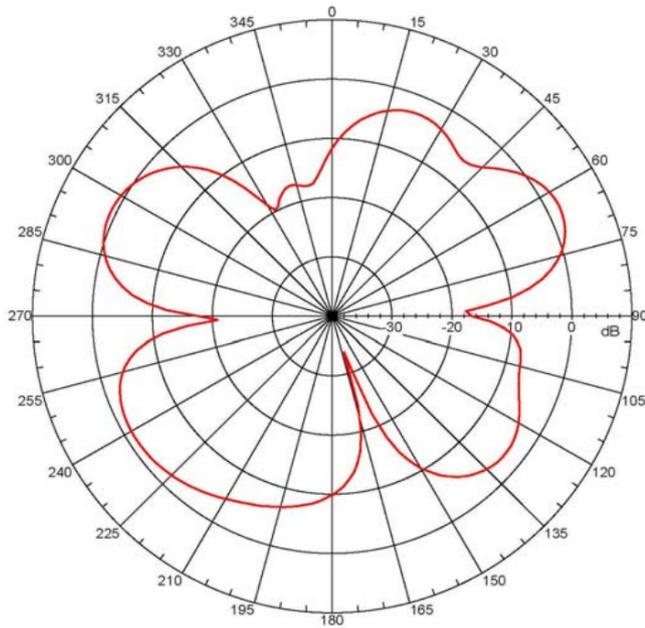
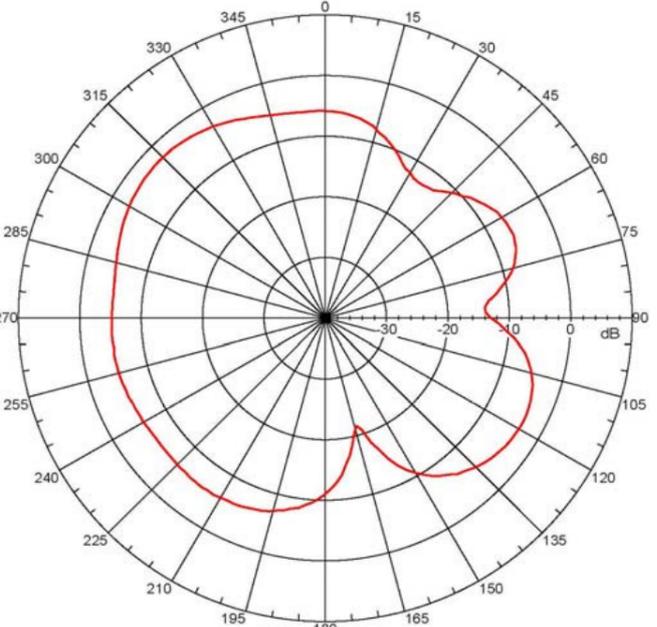
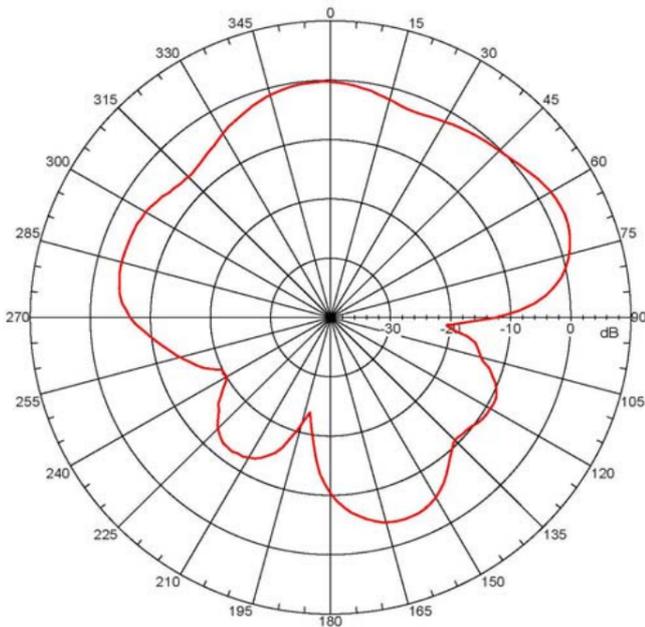
Units: mm

S_{11} - Return Loss [dB]

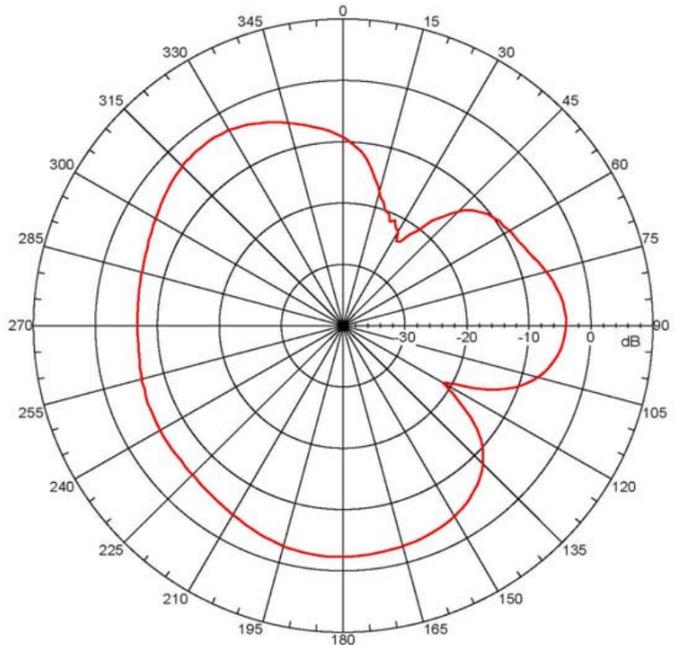
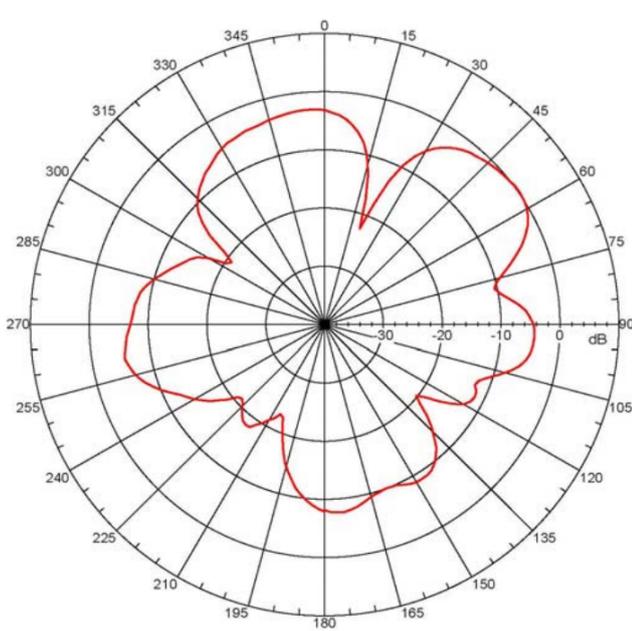


VSWR - Voltage standing wave ratio [-]



RADIATION PATTERN - E-plane/H-plane (900 MHz)**RADIATION PATTERN - E-plane/H-plane (1800 MHz)**

RADIATION PATTERN - E-plane/H-plane (2100 MHz)



SUMMARY

Frequency [MHz]	S_{11} [dB]	VSWR [-]	Gain [dBi]
900	-21.78	1.18	2
1800	-17.33	1.32	2.5
2100	-17.24	1.33	0

VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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