



GSM ANTENNA

Antenna GSM/UMTS Magnet
Mount 90, 9 dBi, FME(f), RG58 3.5m

AO-AGSM-MG9F

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
- High Gain
- Easy installation

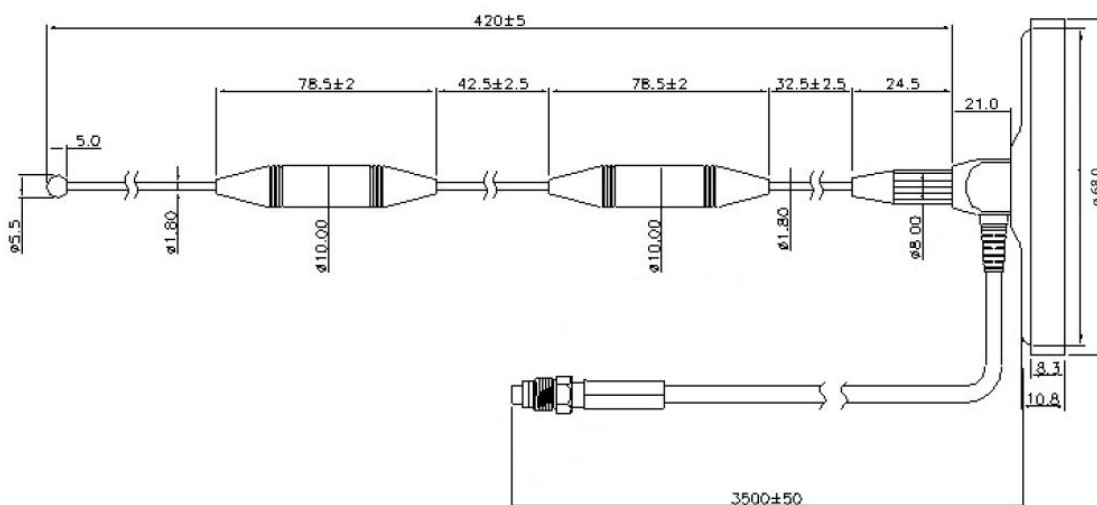


FEATURES

AO-AGSM-MG9F

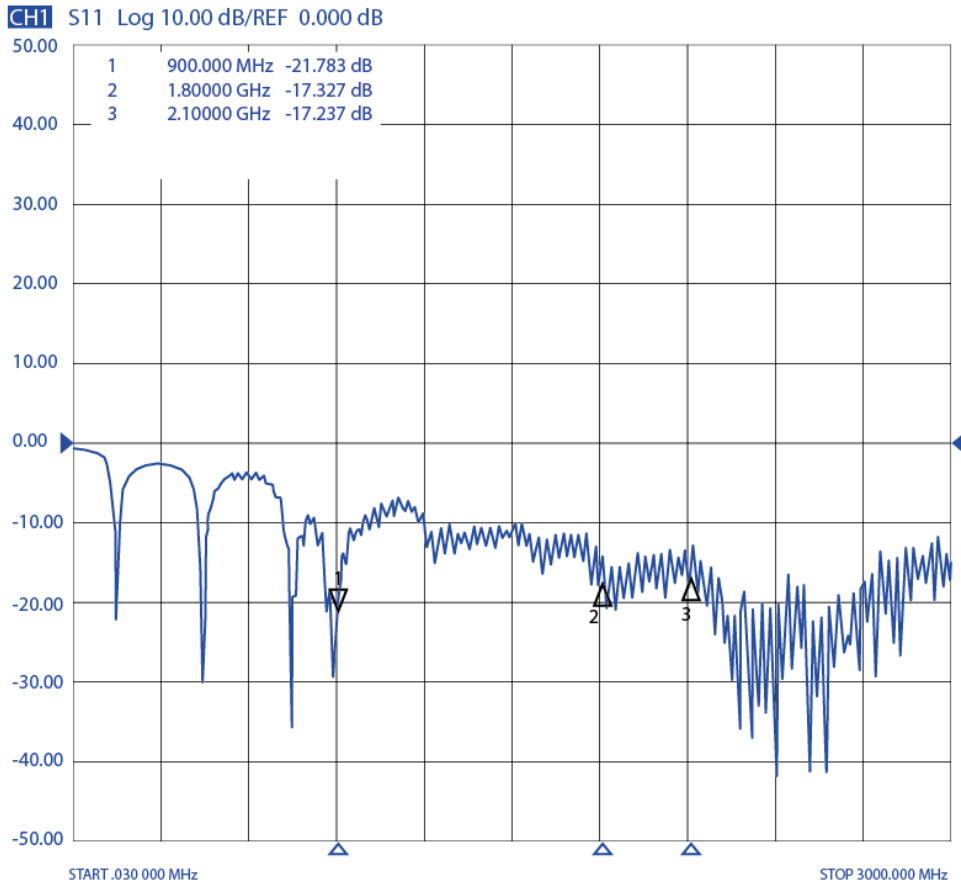
Technology	GSM/UMTS
Frequency bands	900/1800/2100 MHz
Bandwidth	-
Gain	9 dBi
VSWR	<1.33:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs bellow
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	∅ 68 x 453.7 mm
Weight	292.93 g
Operating temperature	-30 to +90 °C
Execution	External
Method of attachment	Magnet Mount
Cable type	RG58/U
The cable length	3.5 m
Connector type	FME(f)
Certification	RoHS, ISO9001, ISO14001
Material	PVC/PBT/FRP

DRAWING

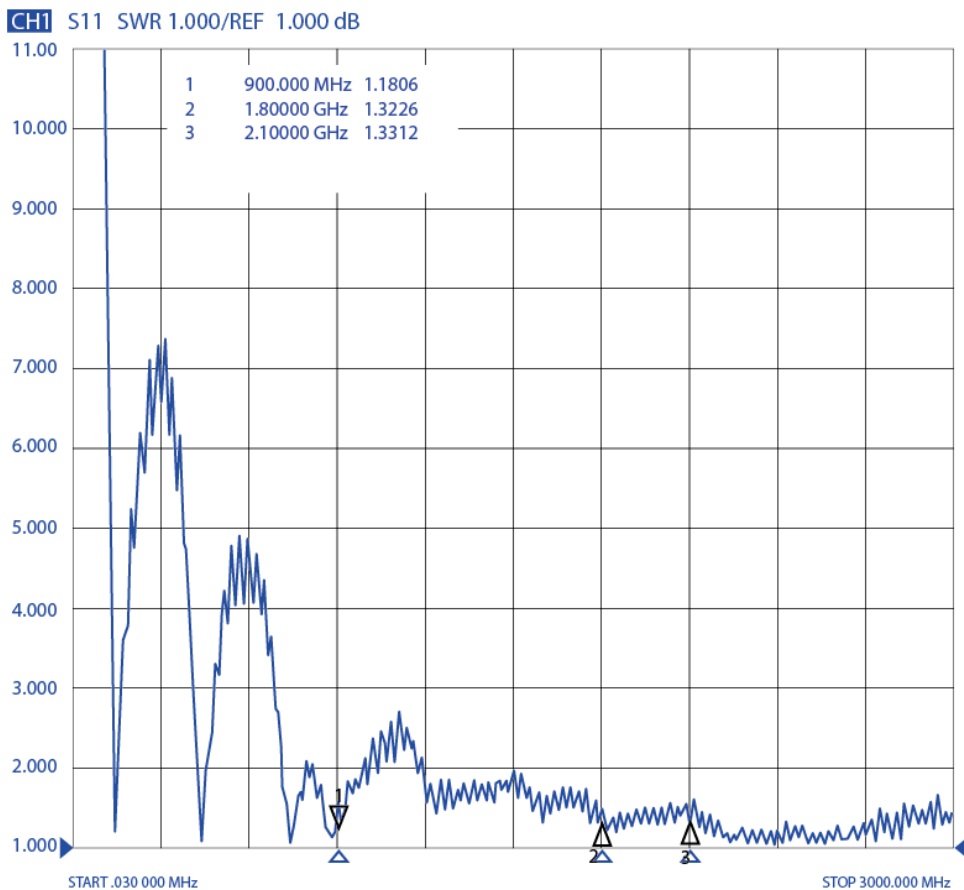


Units: mm

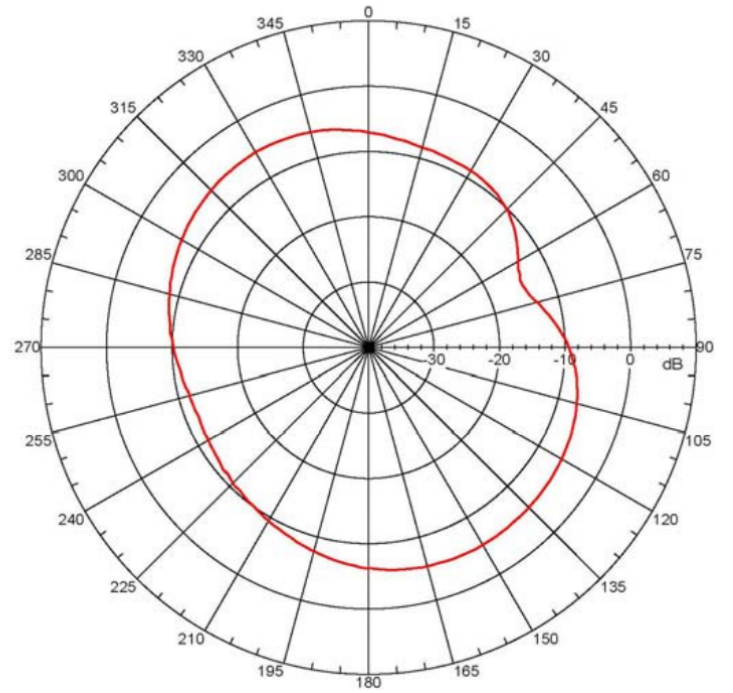
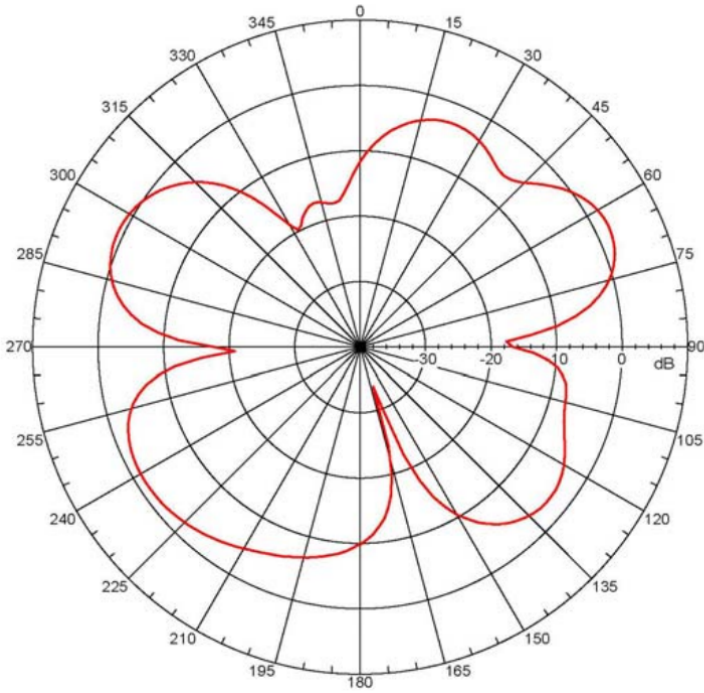
S_{11} - Return Loss [dB]



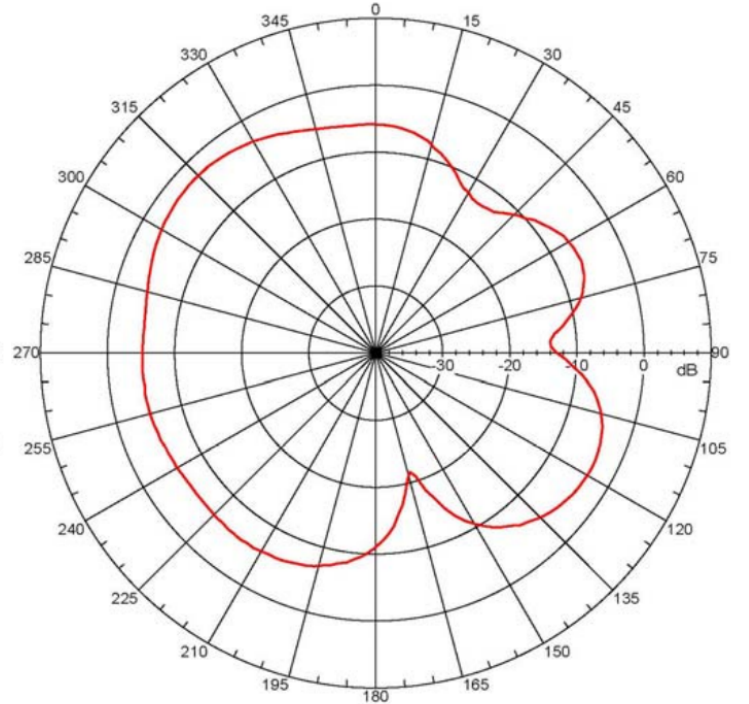
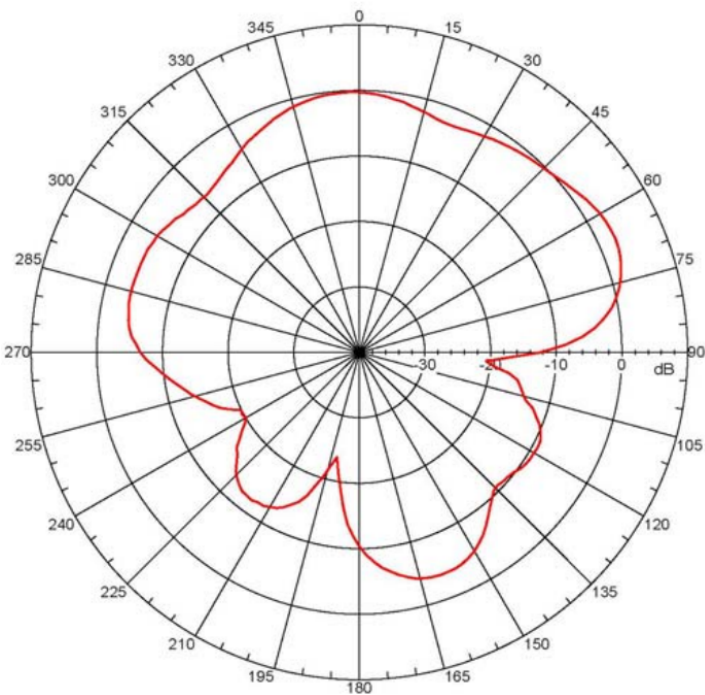
VSWR – Voltage standing wave ratio [-]



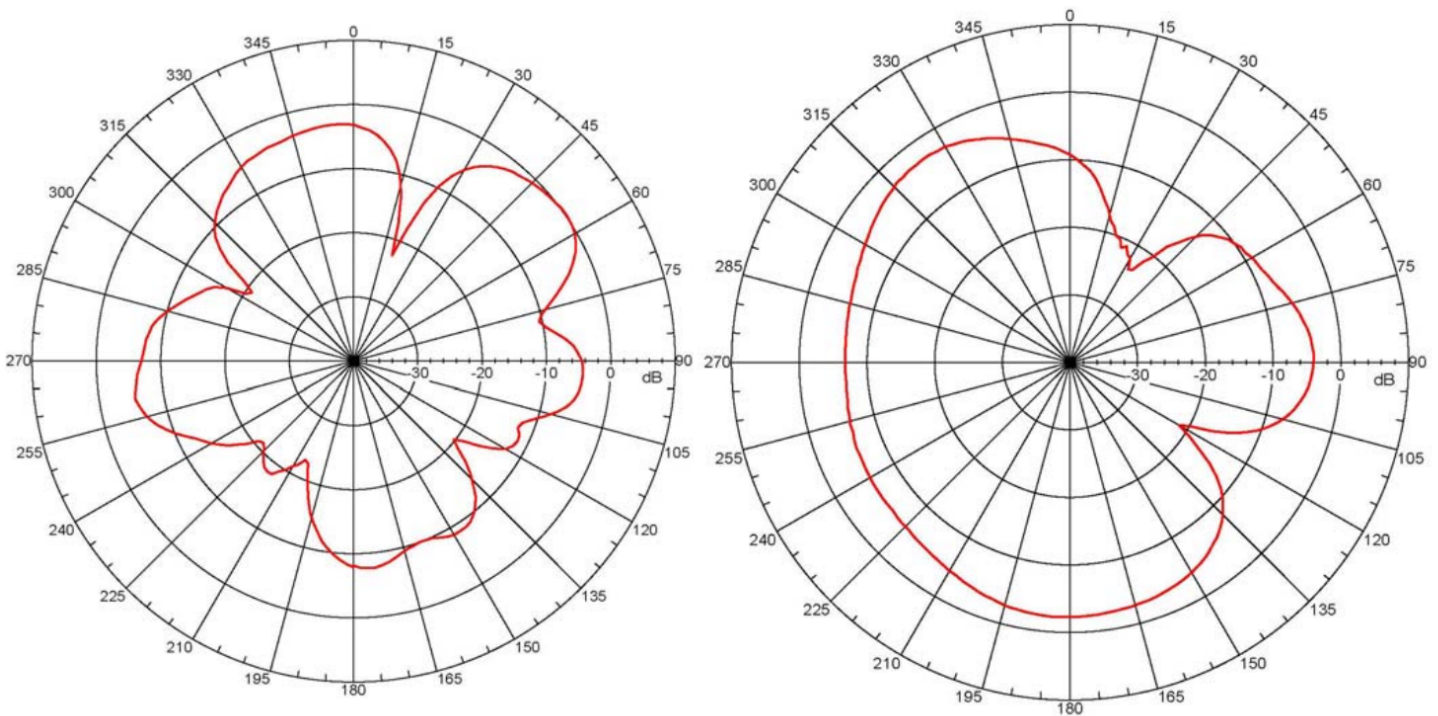
RADIATION PATTERN - E-plane/H-plane (900 MHz)



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	4
2100	-17.24	1.33	0

VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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