



GSM ANTENNA

Antenna GSM Adhesive 25,
2.5 dBi, SMA(m), RG174U/40 cm

AO-AGSM-SA1S040

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

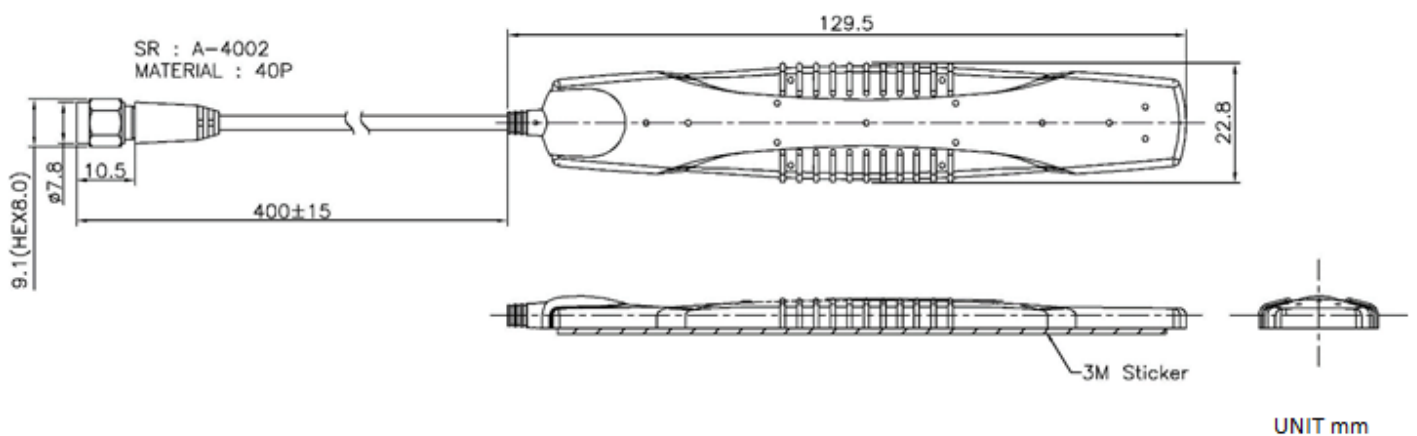
- Low VSWR
- Easy installation
- Omnidirectional - suitable for moving devices

FEATURES

AO-AGSM-SA1S040

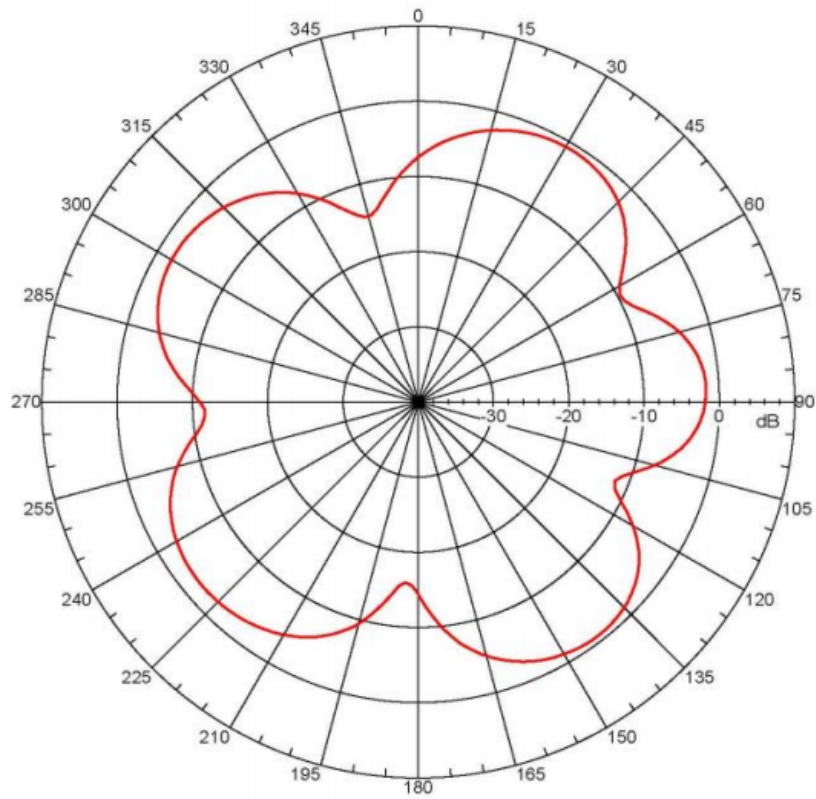
Technology	GSM
Frequency bands	800/900/1700/1800 MHz
Bandwidth	-
Gain	2.5 dBi
VSWR	<2.0:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs bellow
Polarization	Vertical
Maximum input power	10 W
Power voltage	-
Dimensions	129.5 x 22.8 x 6.7 mm
Weight	26.28 g
Operating temperature	-30 to +80 °C
Execution	External
Method of attachment	Adhesive
Cable type	RG174/U
The cable length	0.4 m
Connector type	SMA (m)
Certification	-
IP Code	-

DRAWING

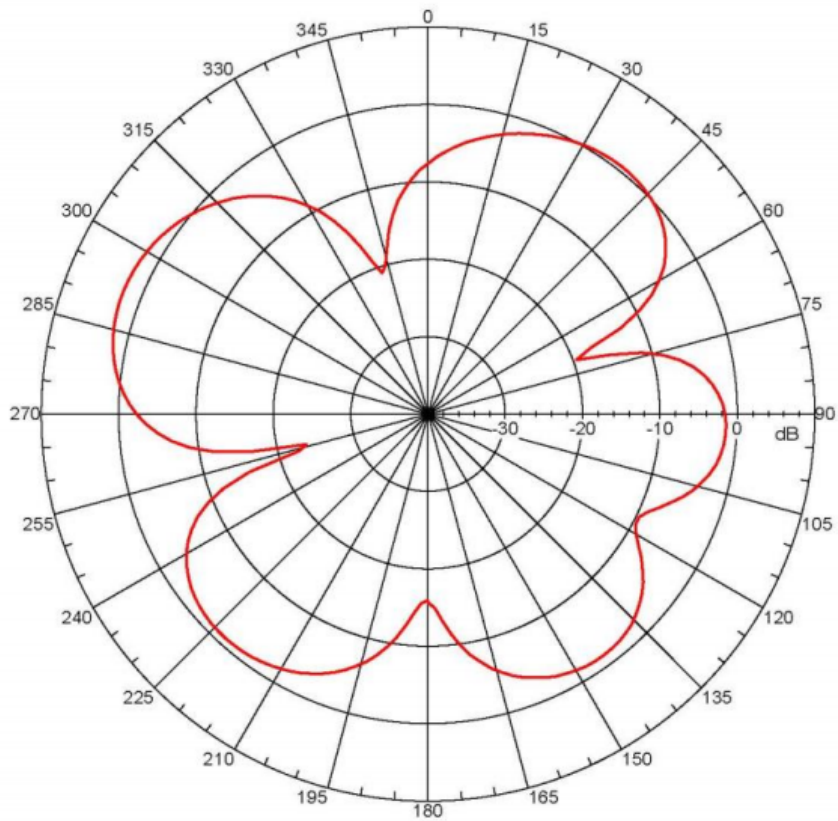


RADIATION PATTERNS

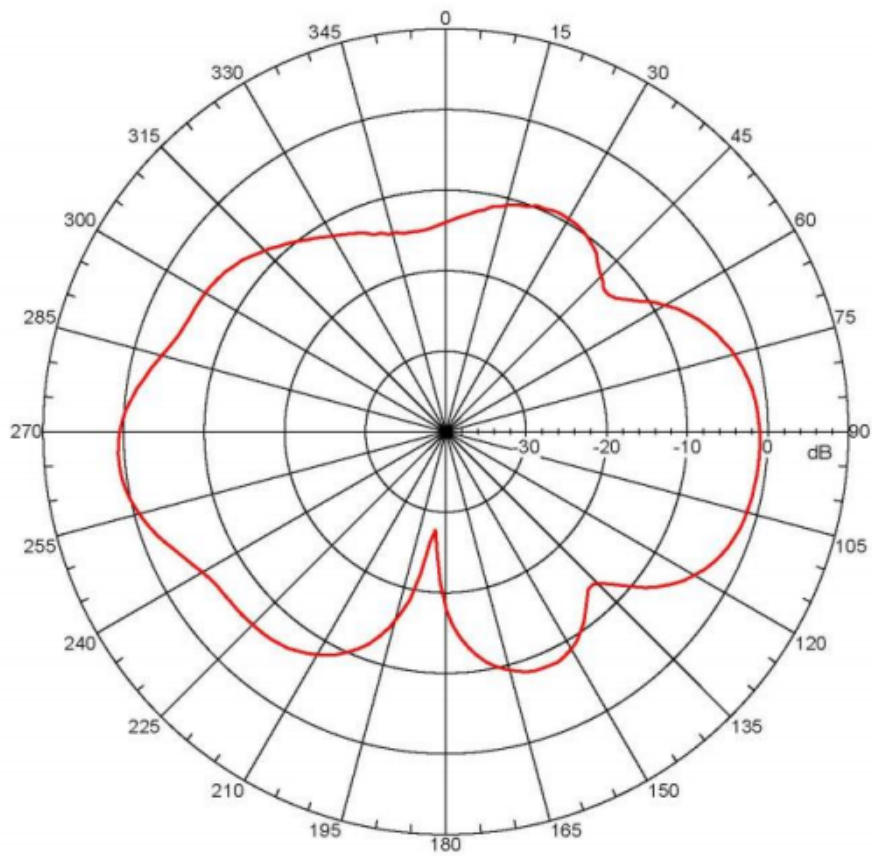
880 MHz



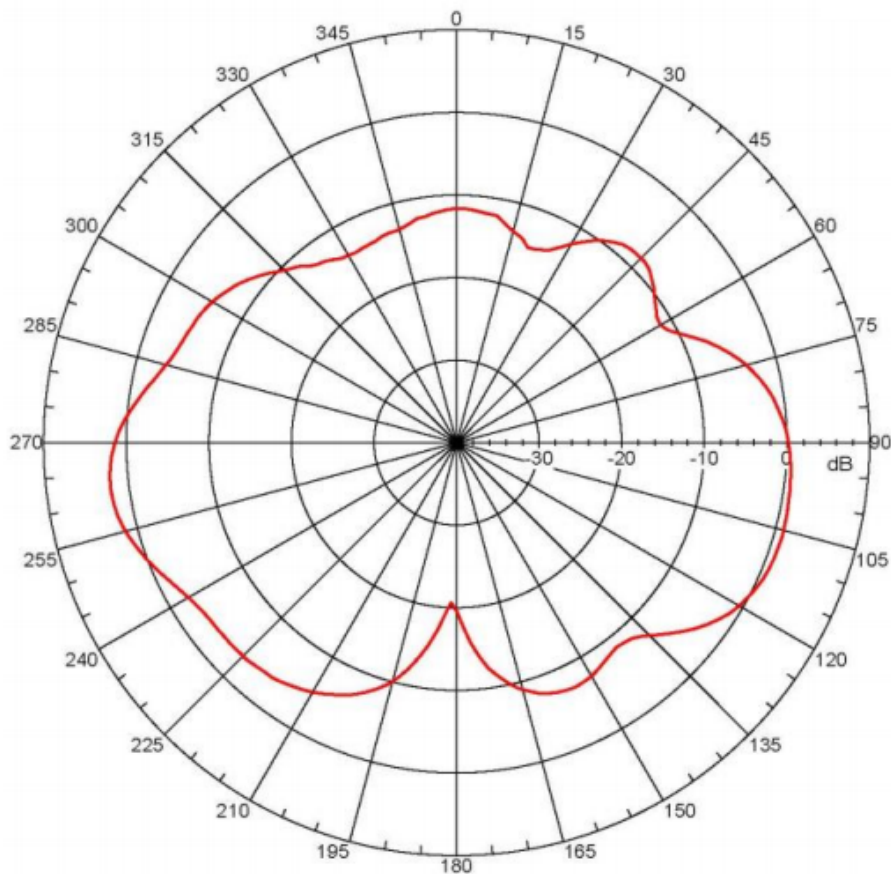
960 MHz



1710 MHz

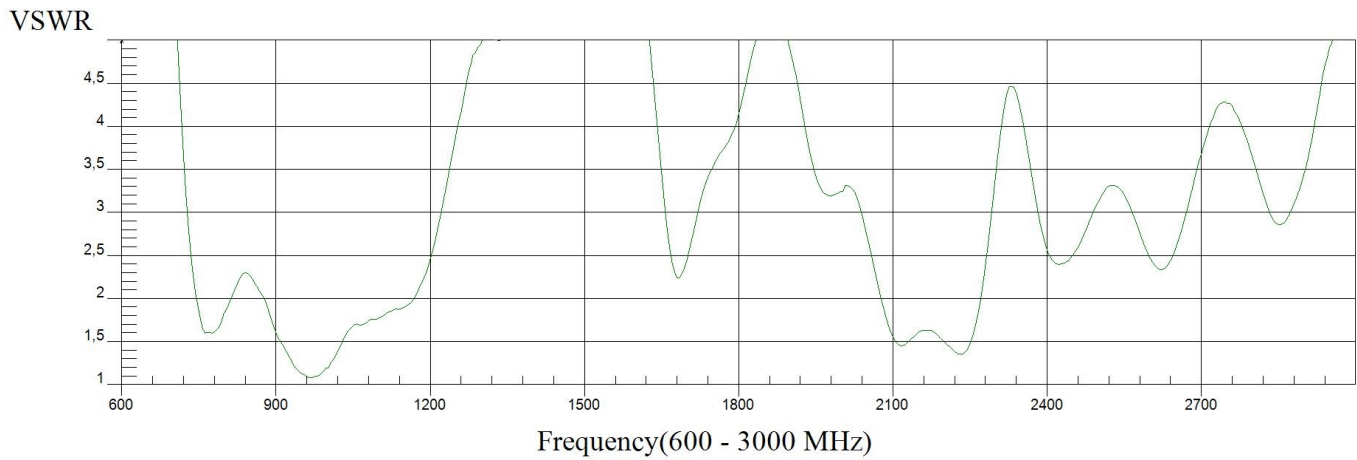


1800 MHz



VSWR – Voltage standing wave ratio [-]

VSWR
AO-AGSM-SA1S040

**SUMMARY**

Frequency [MHz]	S_{11} [dB]	VSWR [-]	Gain [dBi]
880	-10.88	1.80	-1
960	-20.82	1.20	2.5
1710	-7.89	2.35	1
1800	4.44	4.00	2

VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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