



GSM ANTENNA

Antenna GSM Adhesive 25,
4.6 dBi, SMA(m), RG174U/3m

AO-AGSM-SA1S

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

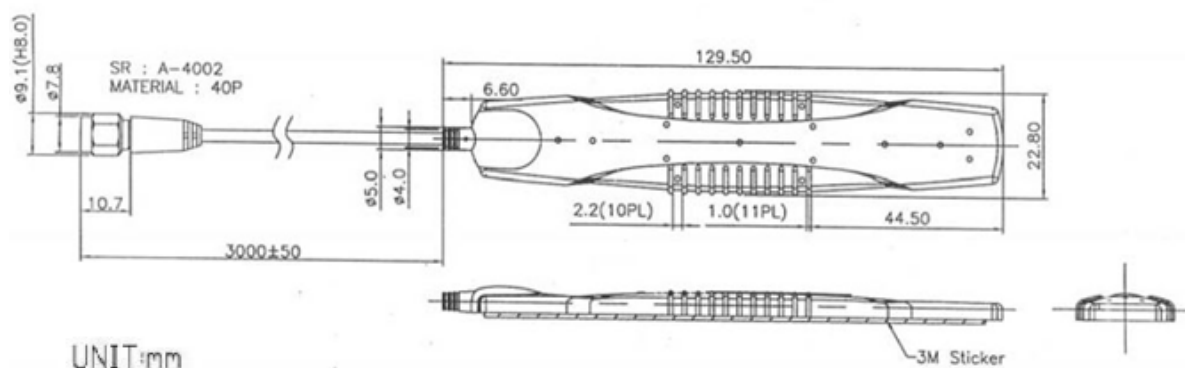
- Low VSWR
- Easy installation

FEATURES

AO-AGSM-SA1S

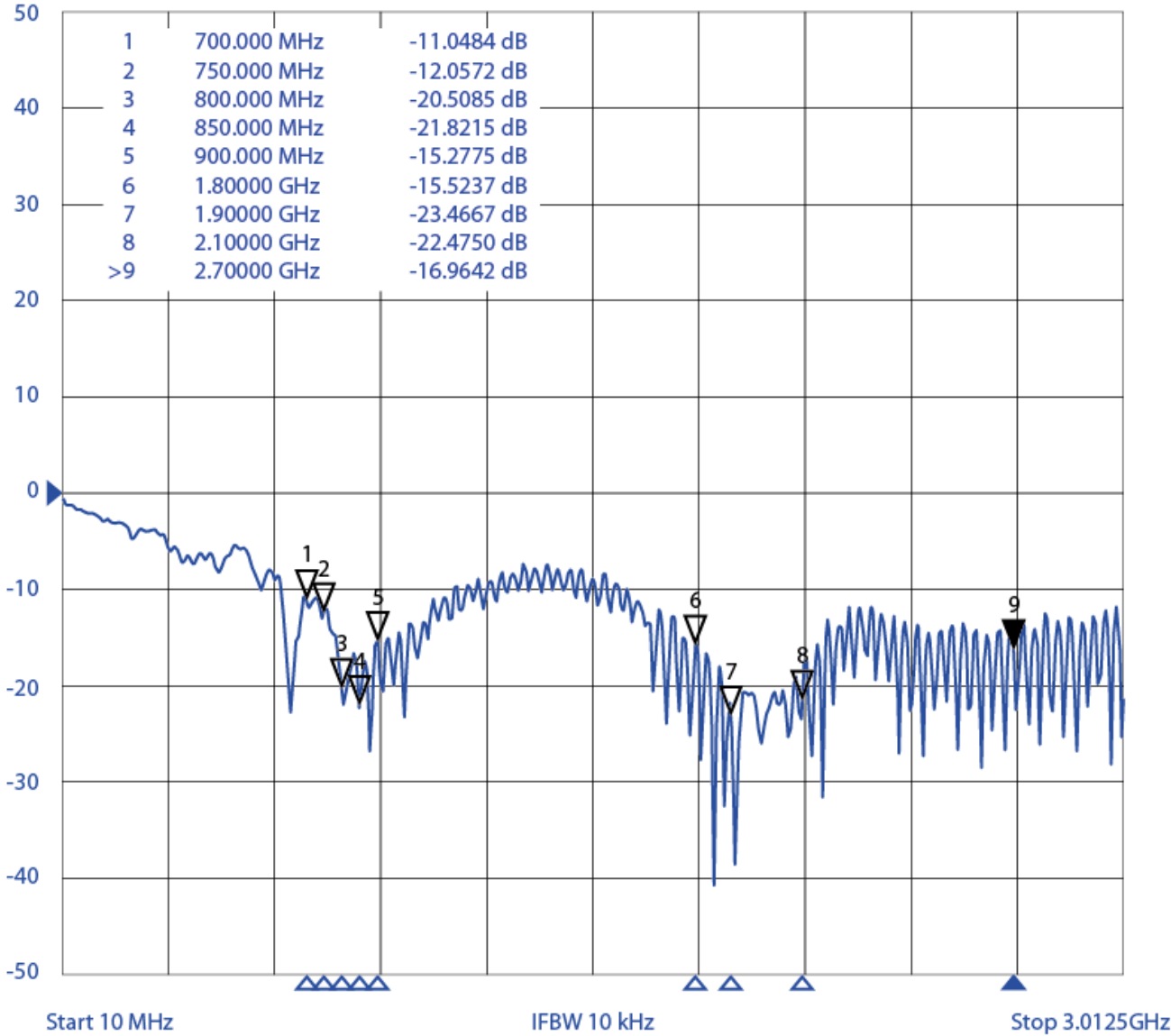
Technology	GSM
Frequency bands	700/750/800/850/900/1800/1900/2100/2700 MHz
Bandwidth	-
Gain	4.66 dBi
VSWR	<2.0:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H 360° V 30°
Polarization	Vertical
Maximum input power	10 W
Power voltage	-
Dimensions	129.5 x 22.8 x 6.7 mm
Weight	51.54 g
Operating temperature	-30 to +80 °C
Execution	External
Method of attachment	Adhesive
Cable type	RG174/U
The cable length	3 m
Connector type	SMA(m)
Certification	RoHS

DRAWING

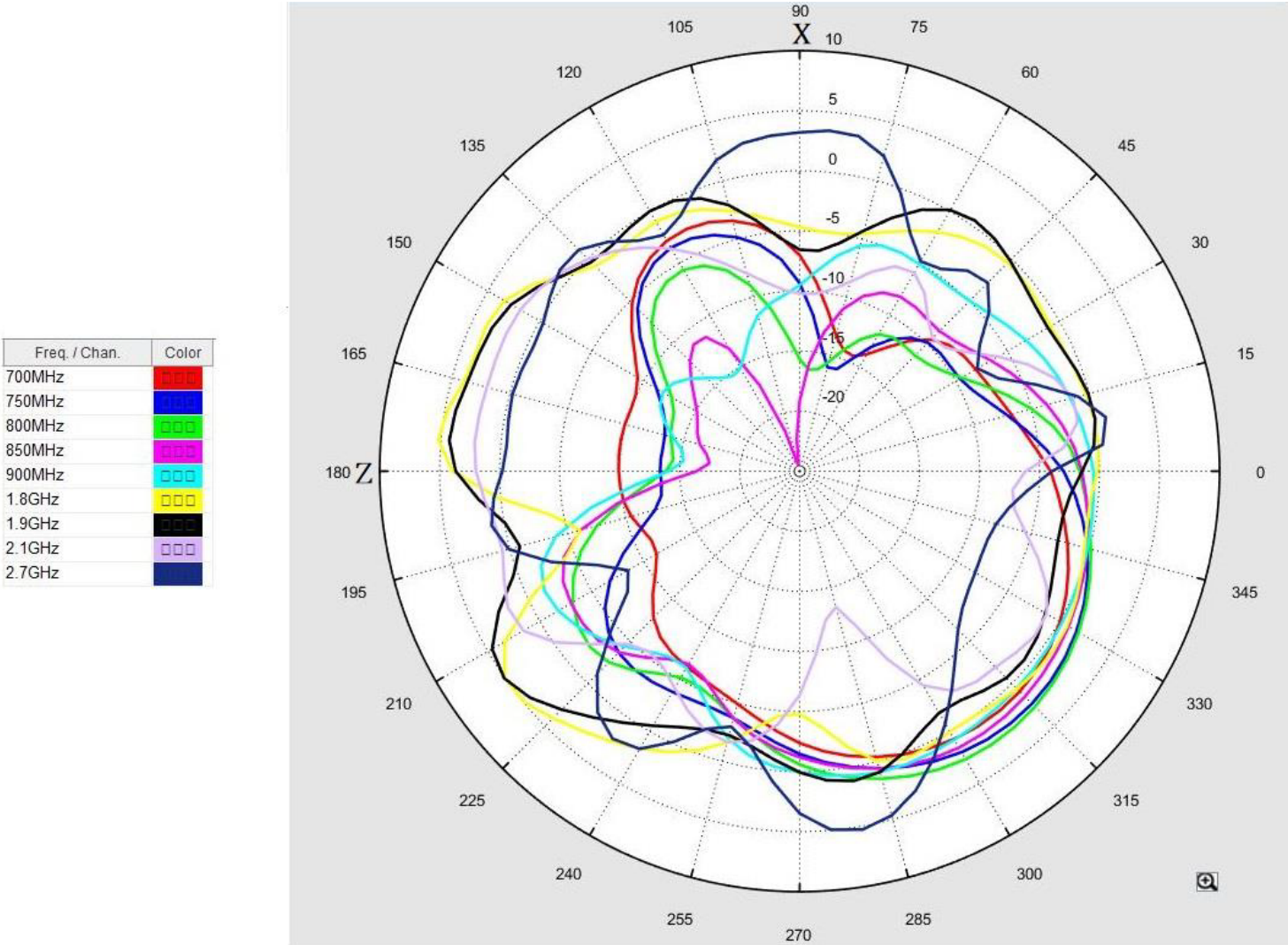


S_{11} - Return Loss [dB]

Tr2 S11 Refl LoM RefLvl: 0 dB Res: 10 dB/Div



2D RADIATION PATTERN



SUMMARY

Frequency [MHz]	S_{11} [dB]	VSWR [-]	Efficiency [%]	Gain [dBi]
700	-11.04	1.8	44.57	1.06
750	-12.05	1.69	50.35	2.46
800	-20.50	1.20	56.23	2.8
850	-21.82	1.18	54.7	2.17
900	-15.27	1.40	68.08	2.01
1800	-15.52	1.40	76.21	4.08
1900	-23.46	1.14	70.31	4.6
2100	-22.47	1.17	34.59	2.53
2700	-16.96	1.35	52.84	4.66

Different connector variants or cable lengths are available on request.

CONTACTS

SECTRON s.r.o. Josefa Šavla 1271/12
709 00 Ostrava 9, Czech Republic

WWW.SECTRON.CZ
Tel.: +420 556 621 020