



GSM/UMTS ANTENNA

Antenna UMTS/GSM Adhesive U25,
2.5 dBi, SMA(m), RG174/20cm

AO-AUMTS-S2S02

SECTRON company offers a wide portfolio of GSM/UMTS 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

- On-glass Type Antenna
- Waterproof IP67 Rated
- Easy installation
- Omnidirectional antenna

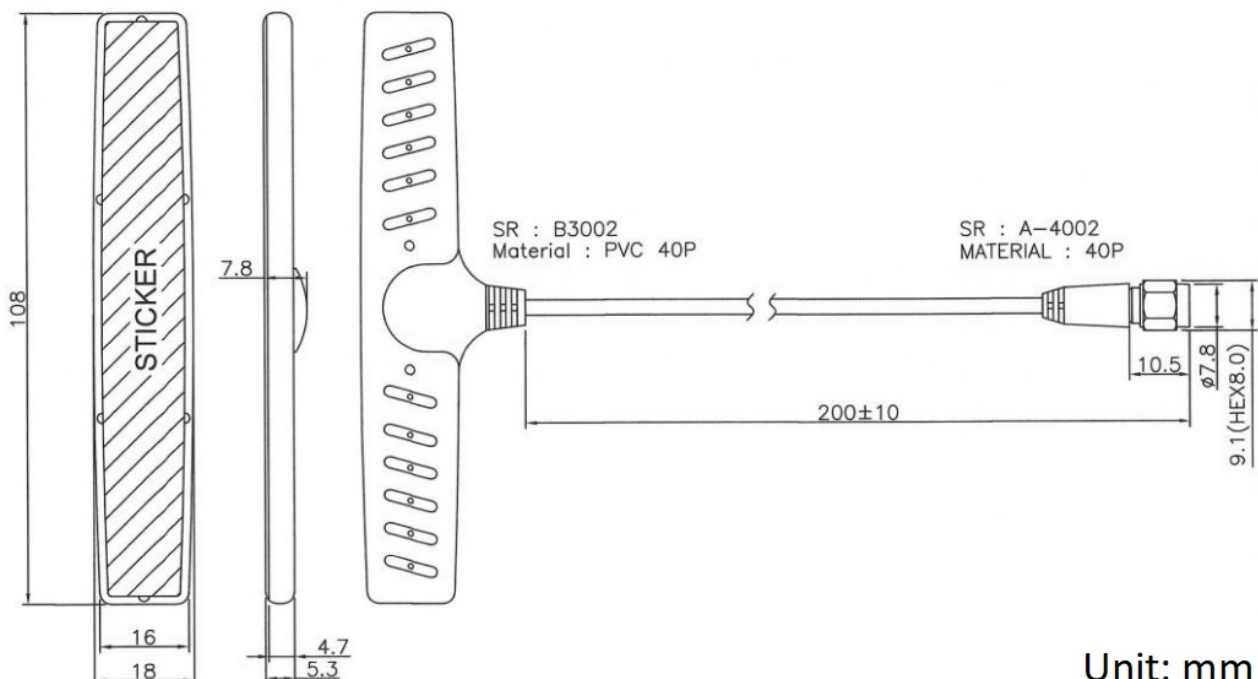


FEATURES

AO-AUMTS-S2S02

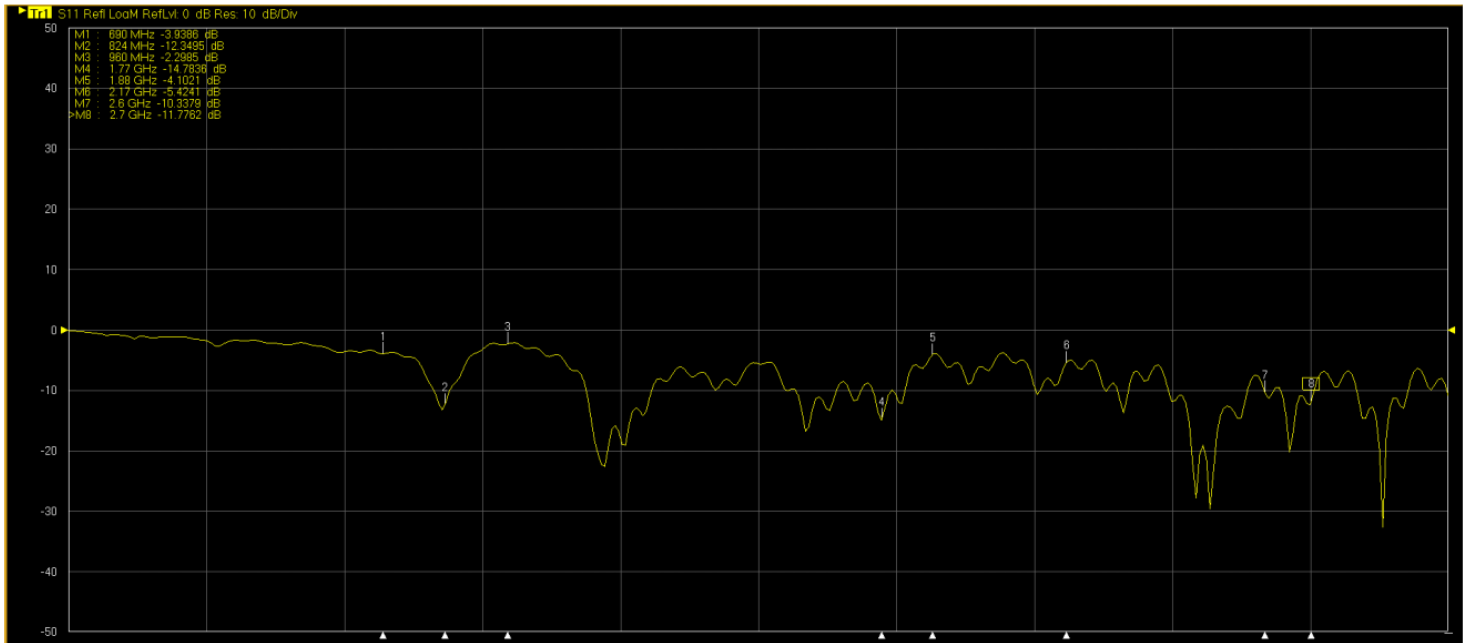
Technology	GSM/UMTS
Frequency bands	690~960/1770~2700 MHz
Bandwidth	-
Gain	2.5 dBi
VSWR	<7.3:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs bellow
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	108.0 x 18.0 x 7.8 mm
Weight	20.26 g
Operating temperature	-20 to +60 °C
Execution	External
Method of attachment	Adhesive Mount
Cable type	RG174/U
The cable length	0.2 m
Connector type	SMA(m)
Certification	RoHS, ISO 9001, ISO 14001
Material	PVC
IP code	IP67

DRAWING

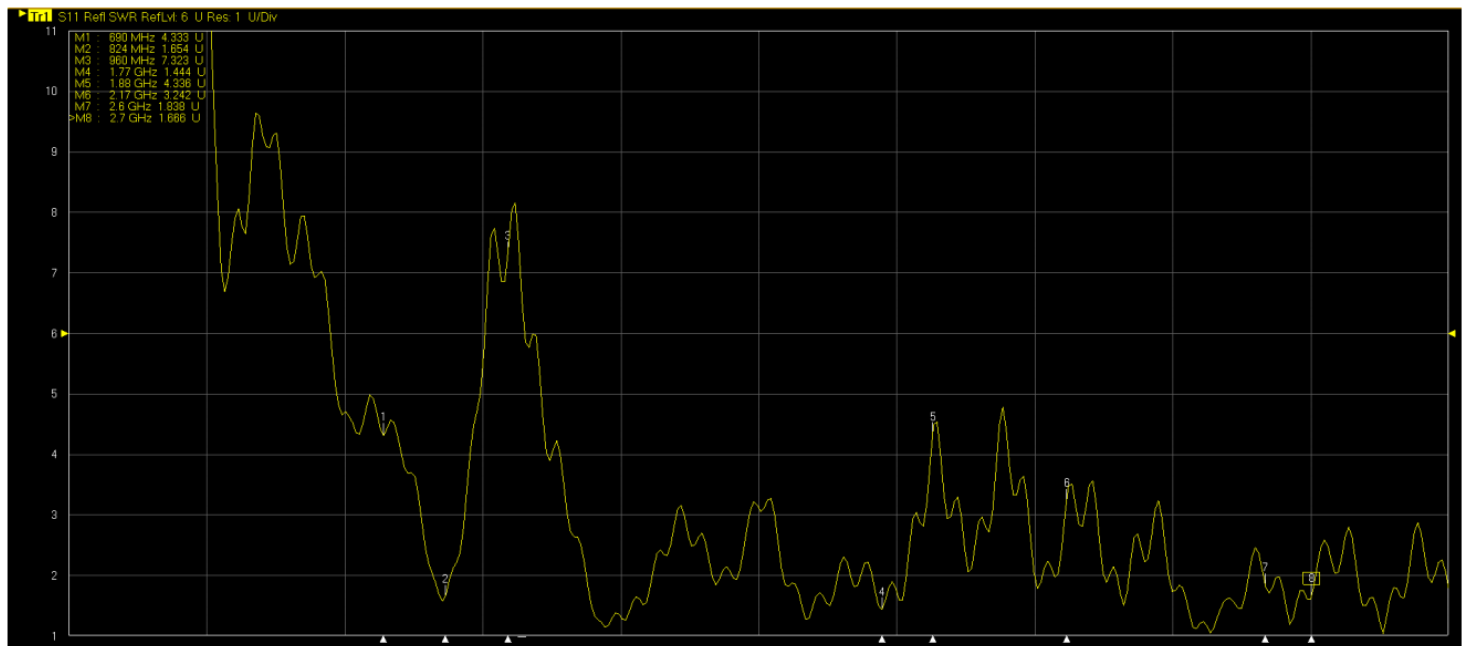


Unit: mm

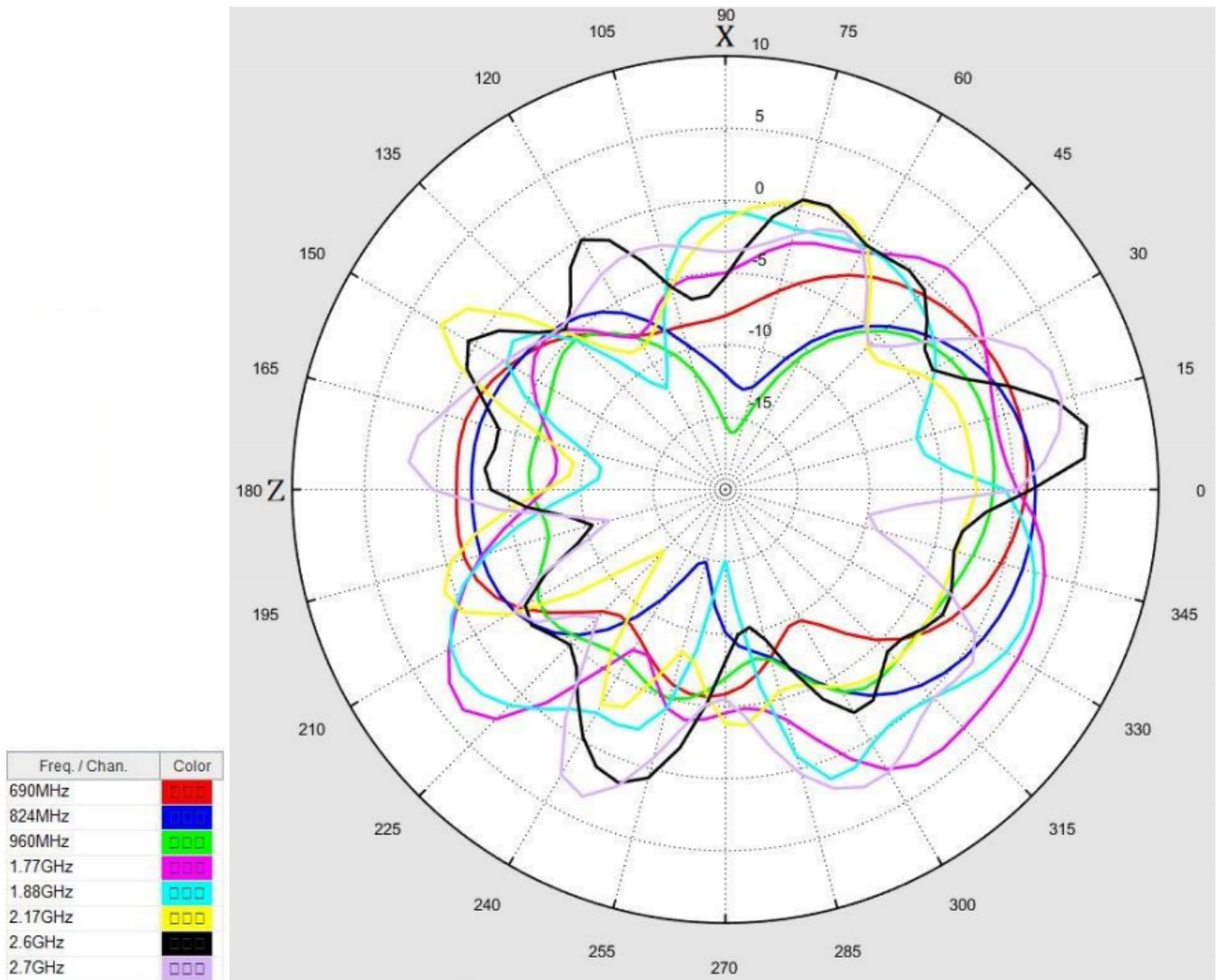
S_{11} - Return Loss [dB]



VSWR - Voltage standing wave ratio [-] (GSM)



RADIATION PATTERN



SUMMARY

Frequency [MHz]	S_{11} [dB]	VSWR [-]	Efficiency [%]	Gain [dBi]
690	-3.93	4.33	61.52	1.1
824	-12.34	1.65	57.02	2.51
960	-2.29	7.32	35.24	0.4
1770	-14.7	1.44	89.54	4.41
1880	-4.10	4.33	77.8	3.51
2170	-5.42	3.24	55.85	2.77
2600	-10.33	1.83	58.75	4.02
2700	-11.77	1.66	58.88	4.12

VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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