



GSM/UMTS ANTENNA

Antenna GSM/UMTS Magnetic
90, Quad-band, 9 dBi, SMA(m),
.195/10m

AO-AGSM-MG9S10

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.

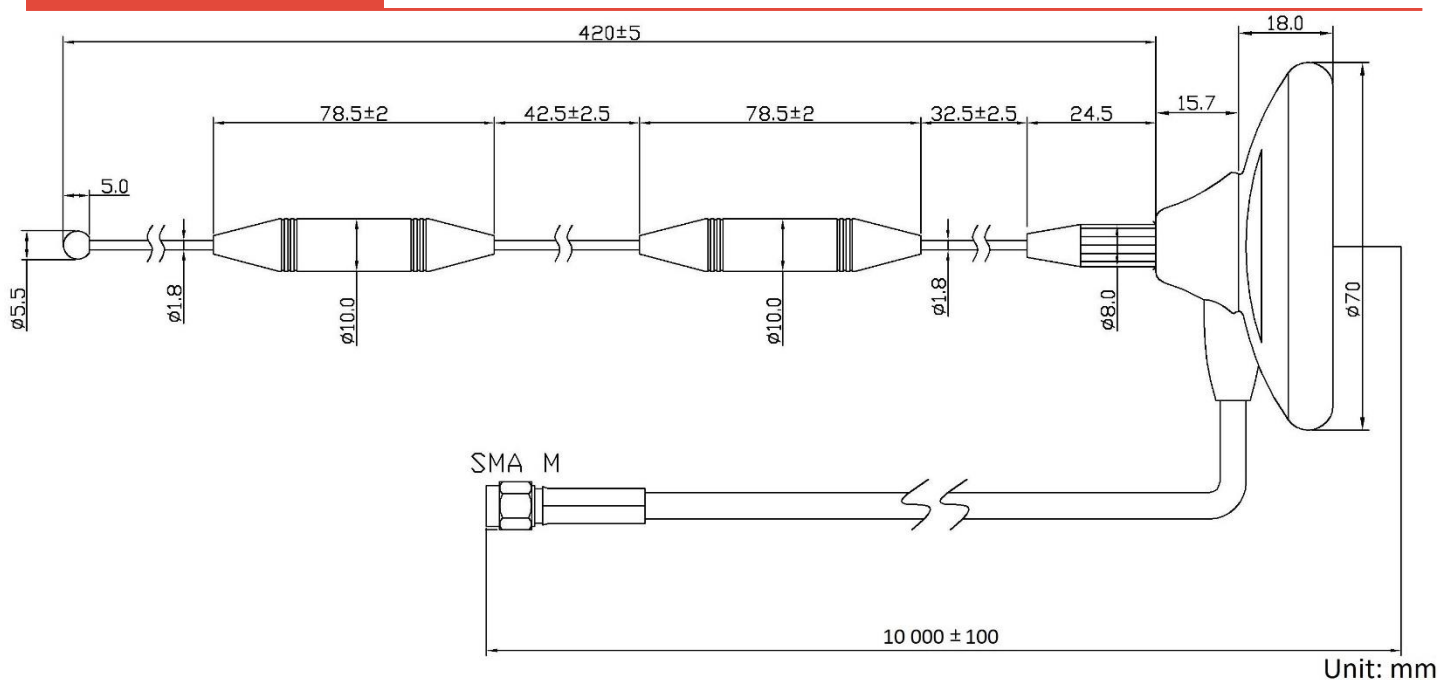
BENEFITS

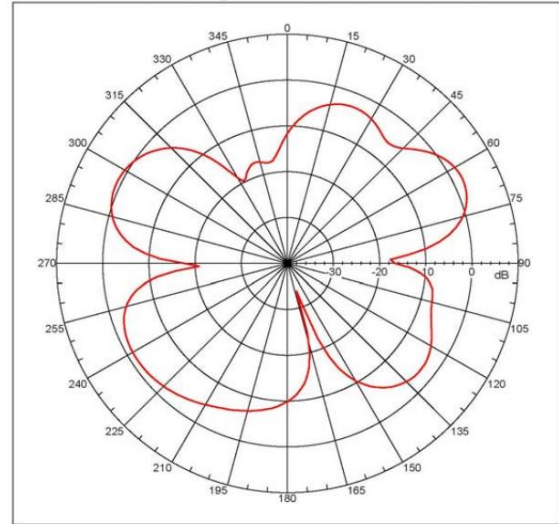
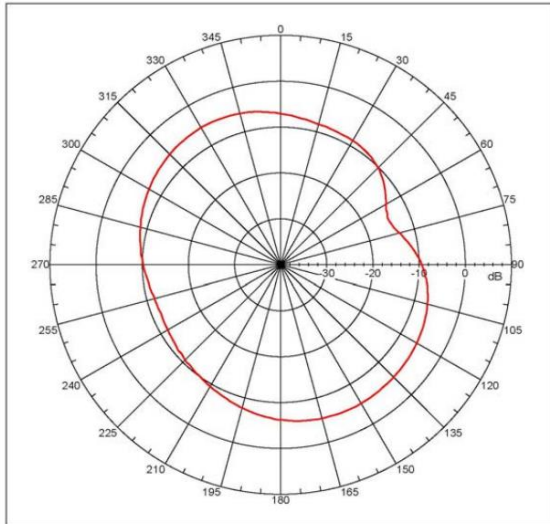
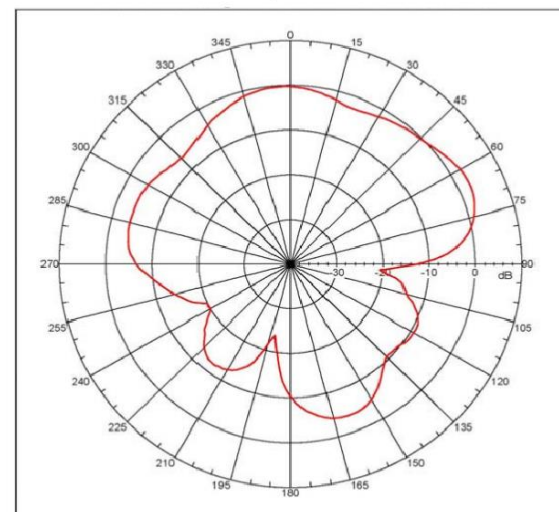
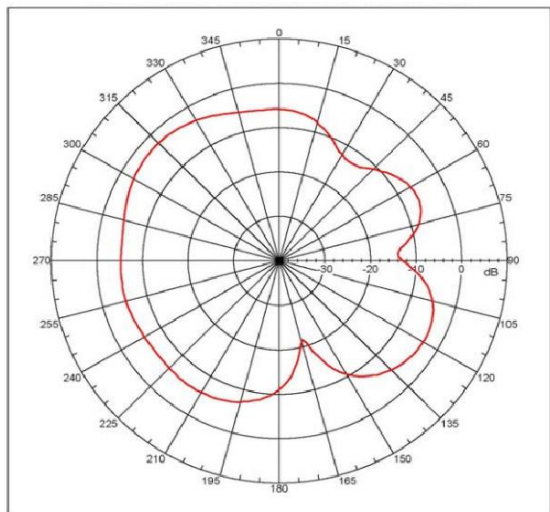
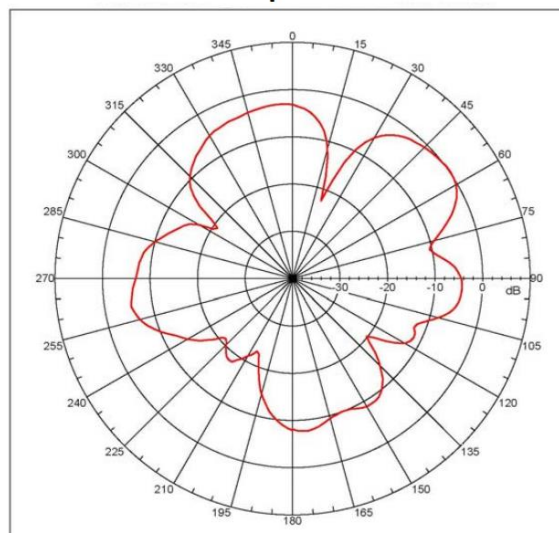
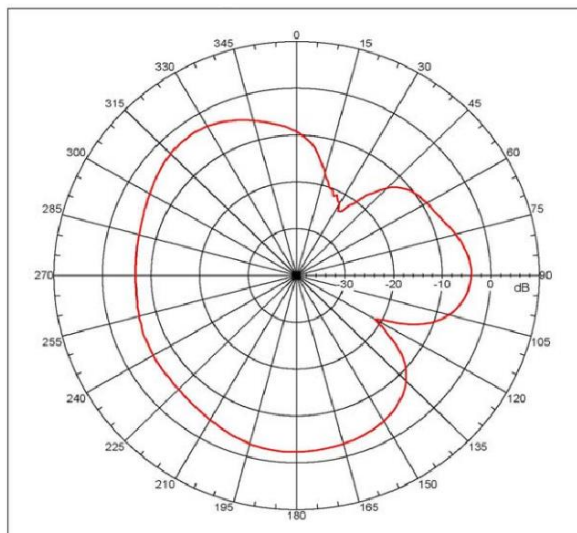
- Low VSWR
- High Gain
- Easy installation



Technology	GSM/UMTS
Frequency bands	900/1800/2100 MHz
Bandwidth	-
Gain	9 dBi
VSWR	<2.0:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H-360° V-30°
Polarization	Linear
Maximum input power	10W
Power voltage	-
Dimensions	420 x Ø 70 mm
Weight	476.7 g
Operating temperature	-30 to +90 °C
Execution	External
Method of attachment	Magnetic
Cable type	.195
The cable length	10 m
Connector type	SMA(m)
Certification	ISO 9001 / ISO 14001

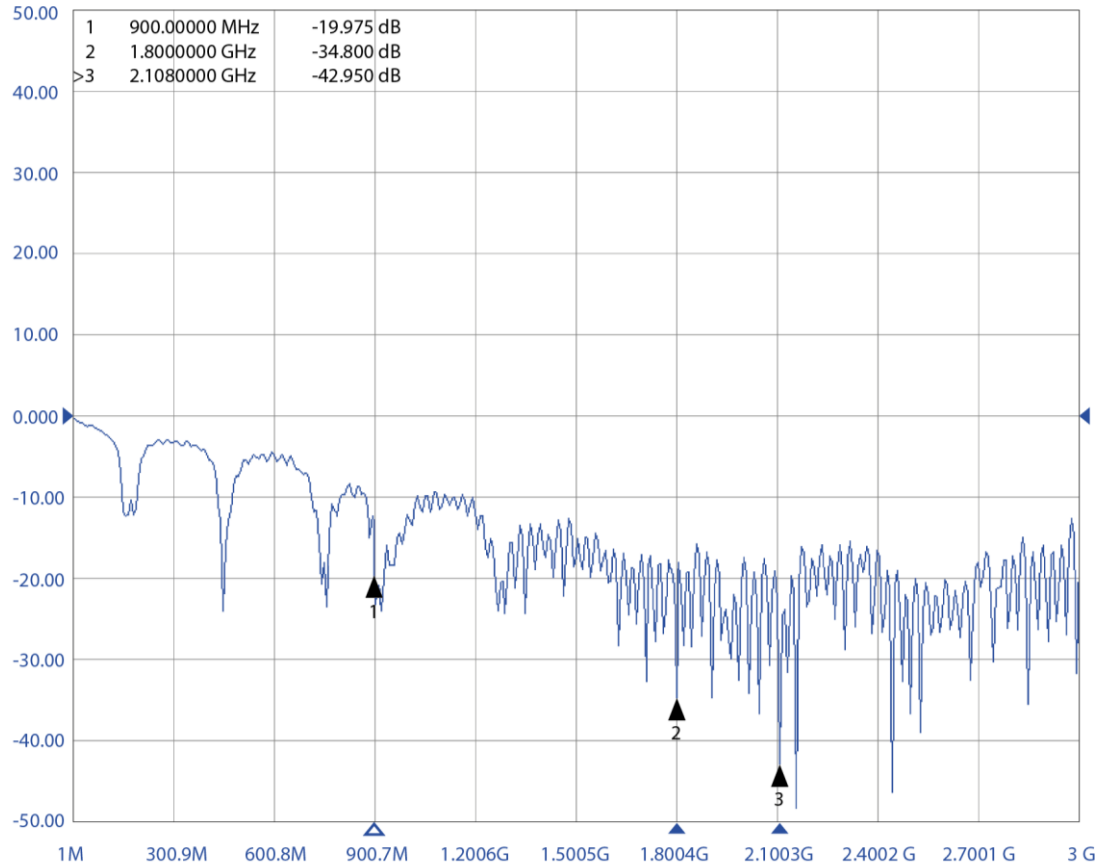
DRAWING



Radiation Pattern – simulated**H-plane****900 MHz****E-plane****H-plane****1 800 MHz****E-plane****H-plane****2 100 MHz****E-plane**

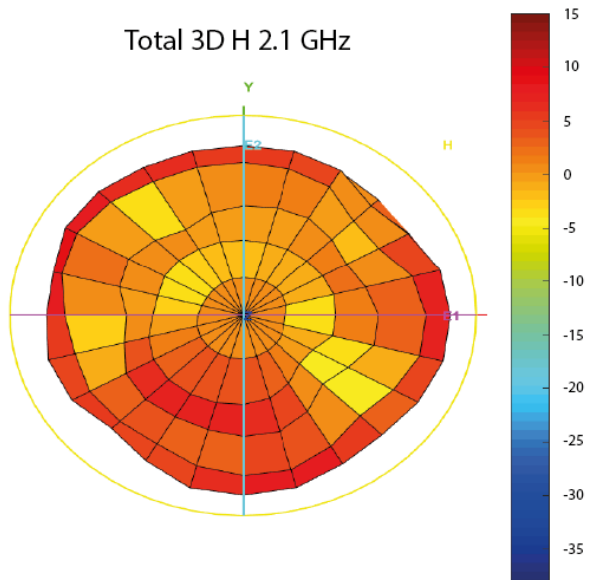
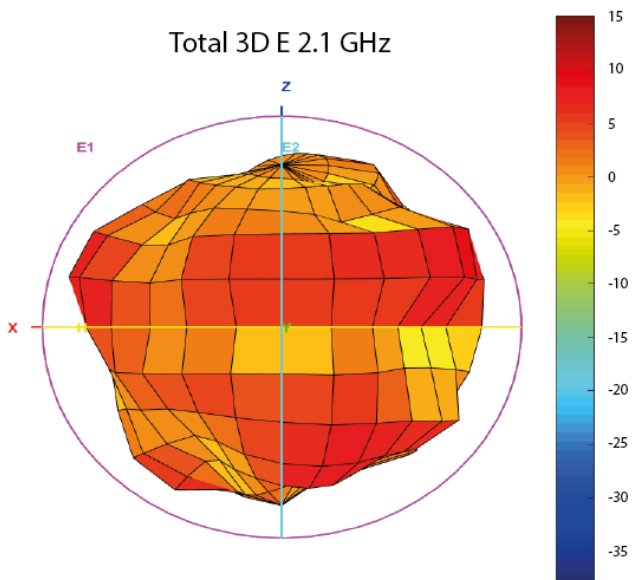
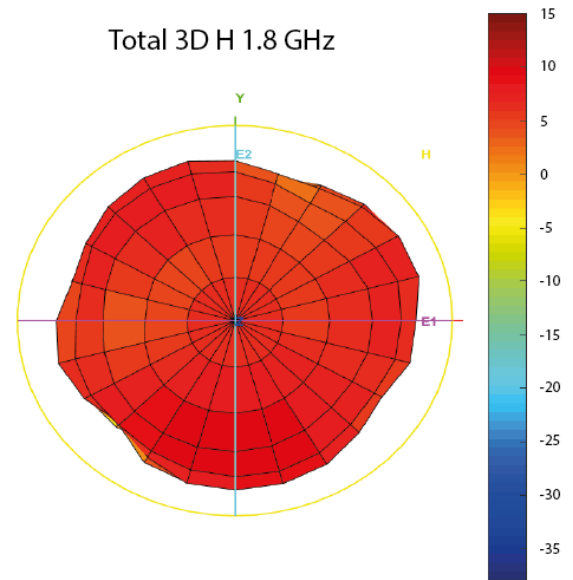
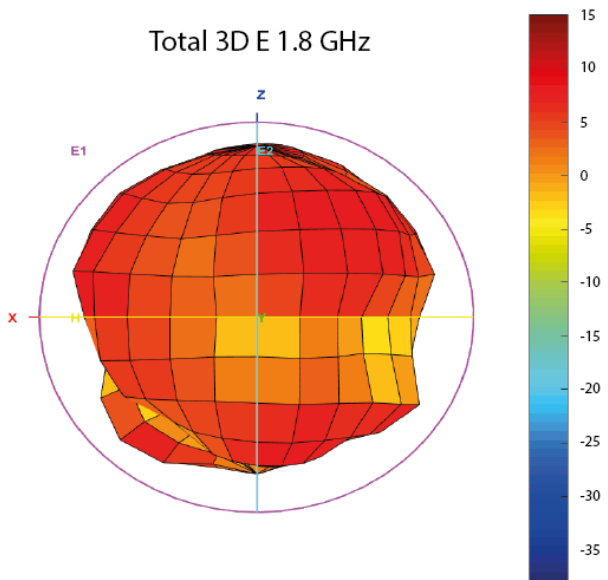
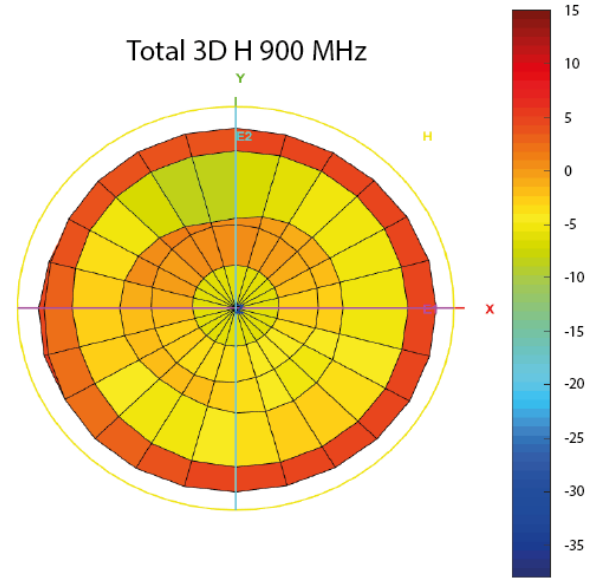
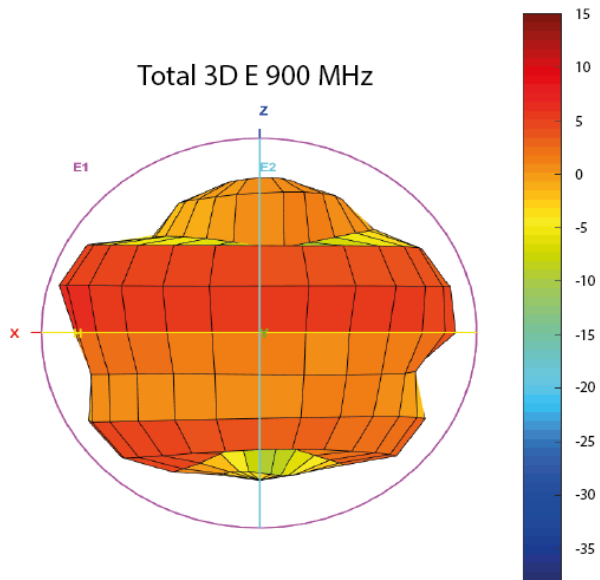
S11 - Return Loss [dB] – measured

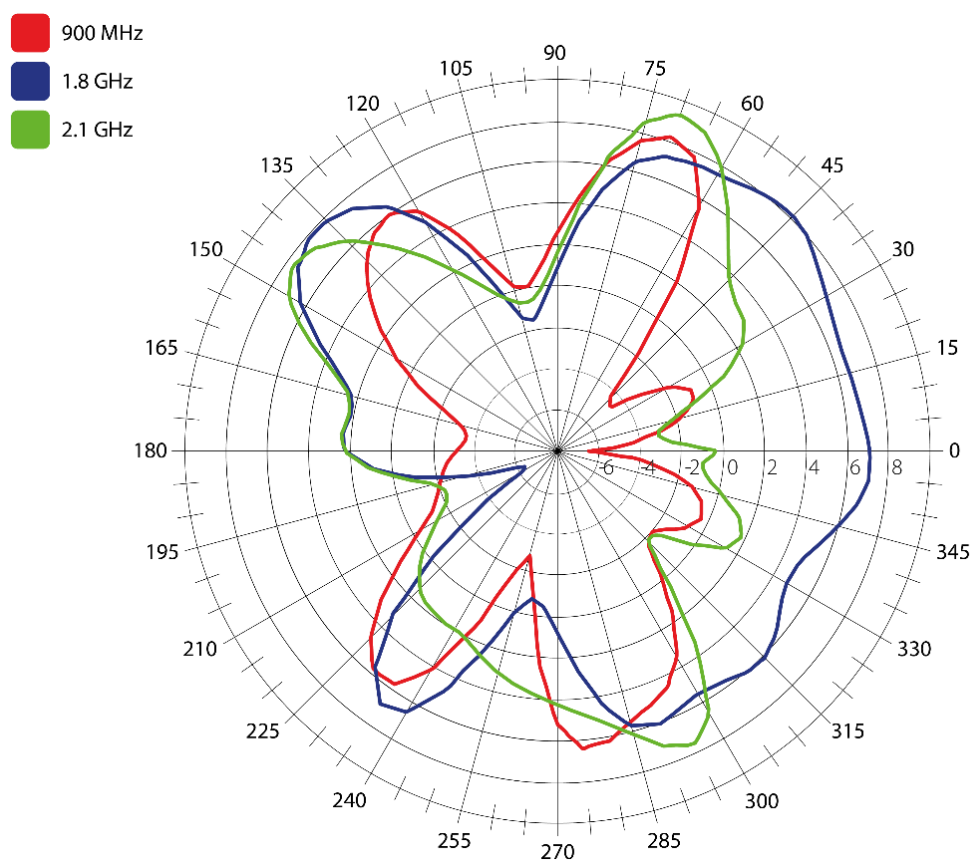
Tr1 S11 Log Mag 10.00dB/REF 0.000dB [RO]



Frequency [MHz]	Return Loss [dB]	VSWR	Max. Gain [dBi]
900	-19.98	1.222: 1	8.1
1800	-34.8	1.037: 1	8
2100	-42.95	1.014: 1	9

Radiation pattern - measured





ALL VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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