

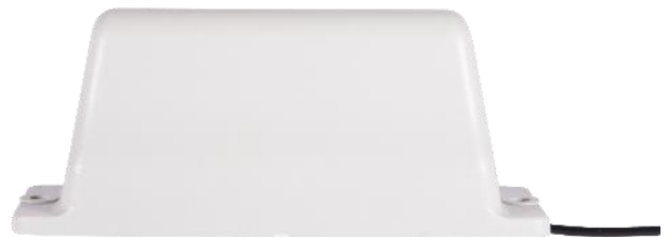


LTE ANTENNA

Antenna LTE Ceiling Mount W9,
SMA(m), RG316/1.5m

AO-ALTE-W9S

SECTRON company offers a wide portfolio of LTE 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

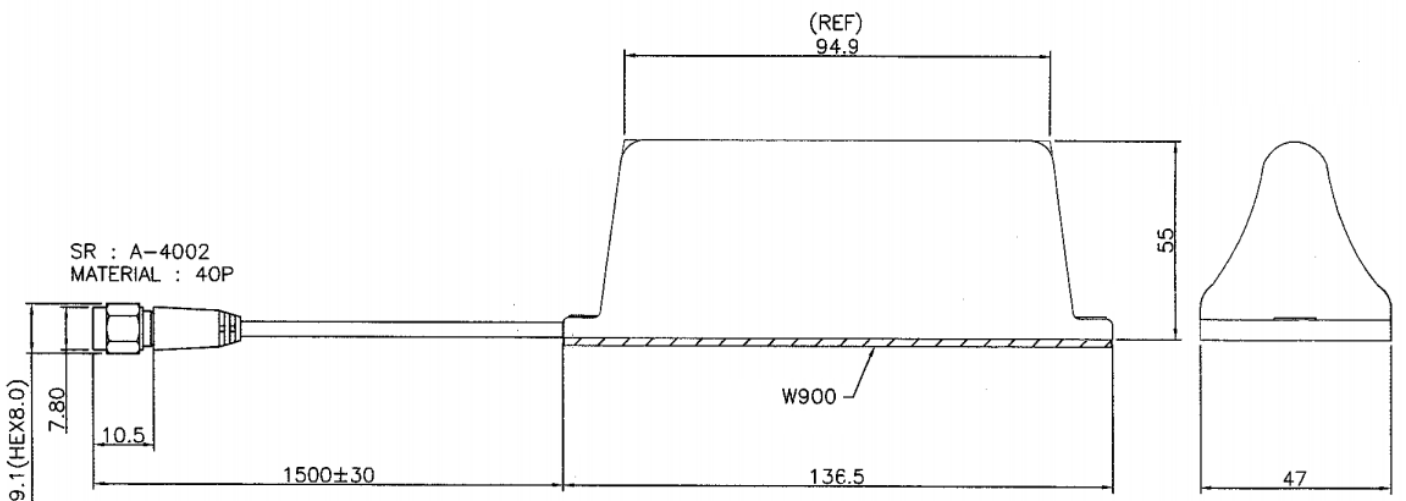
- Low VSWR
- Easy installation

FEATURES

AO-ALTE-W9S

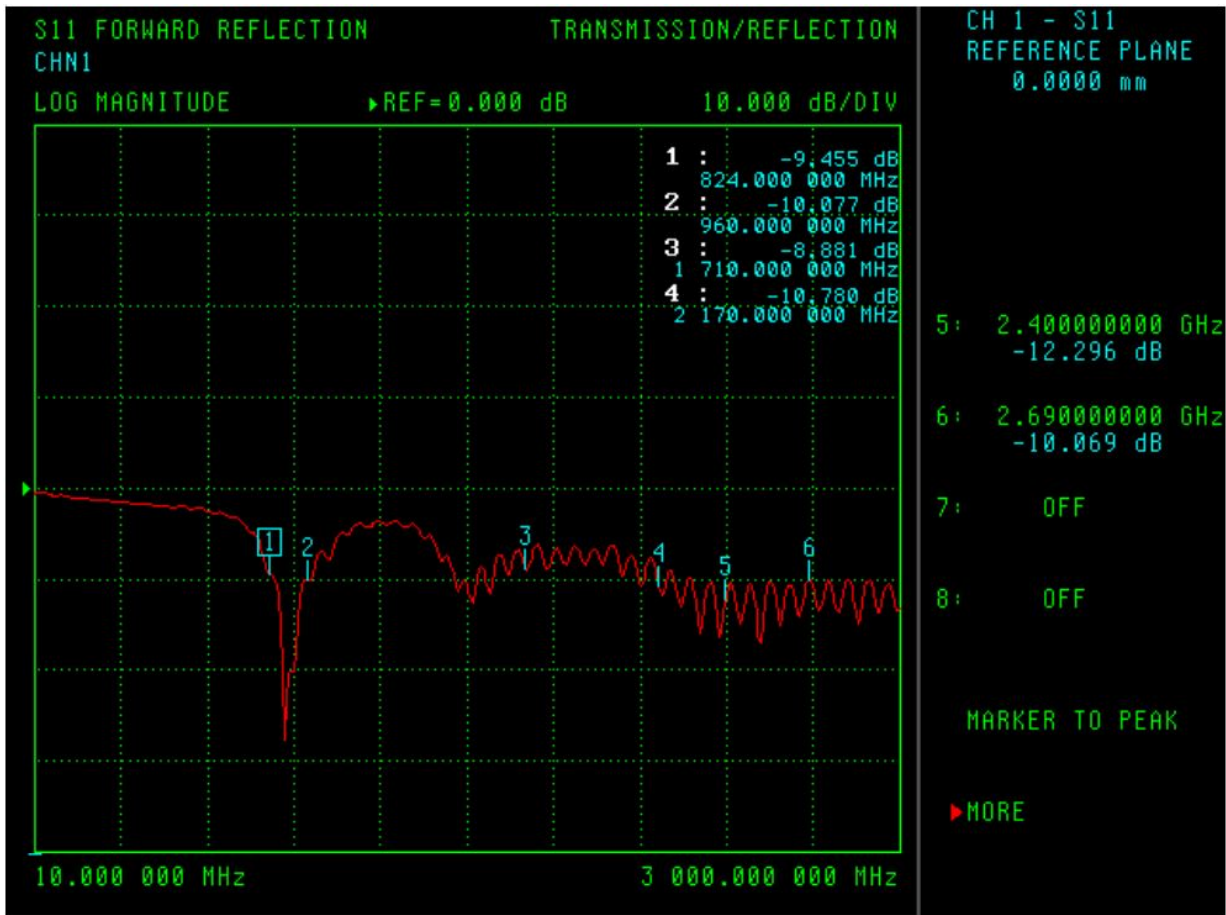
Technology	GSM/UMTS/LTE
Frequency bands	700/800/900/1800/1900/2100/2600 MHz
Bandwidth	-
Gain	3 dBi
VSWR	<2.0:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs bellow
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	136.5 x 55.0 x 47.0 mm
Weight	98.04 g
Operating temperature	-20 to +60 °C
Execution	External
Method of attachment	Ceiling Mount
Cable type	RG316/U
The cable length	1.5 m
Connector type	SMA(m)
Certification	RoHS, ISO9001, ISO14001
Material	Plastic

DRAWING

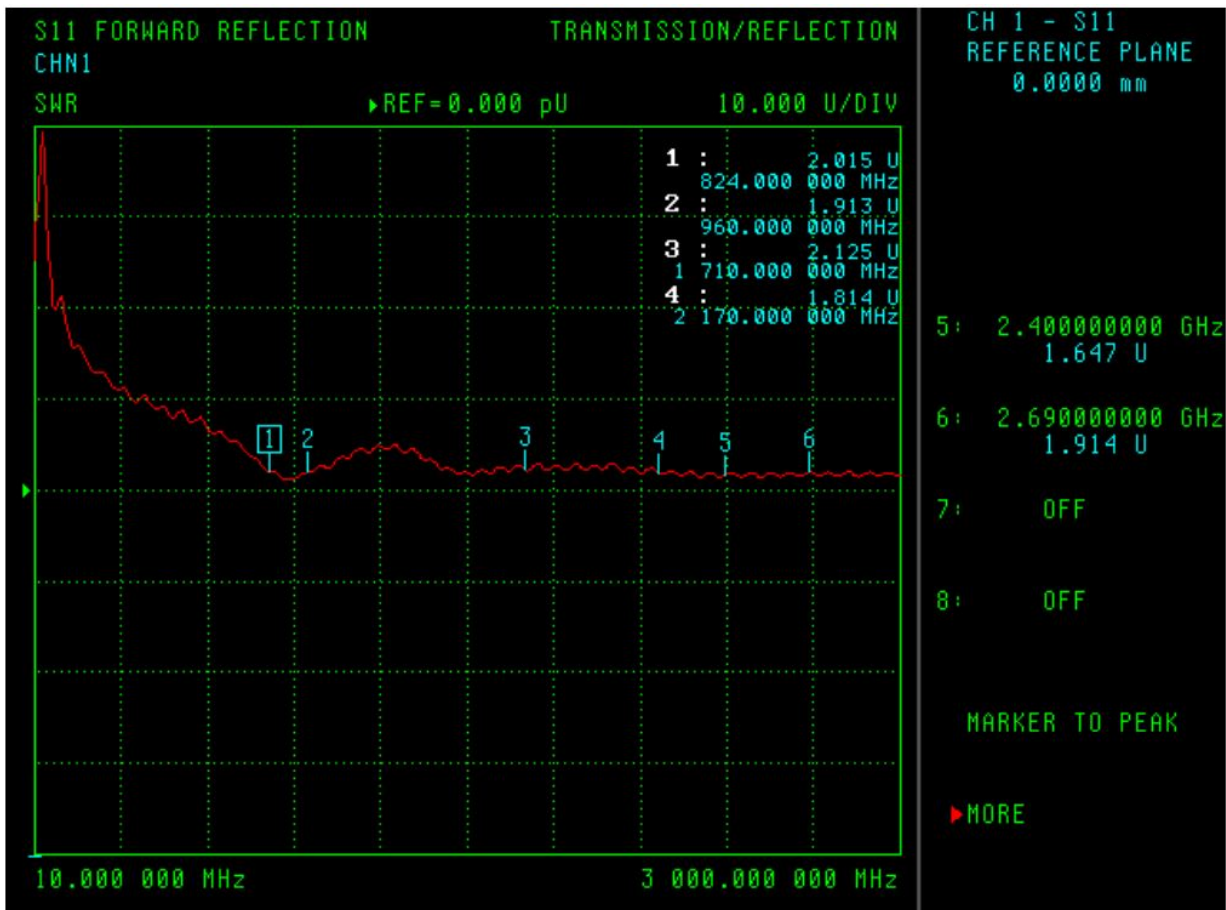


Unit: mm

S_{11} - Return Loss [dB]

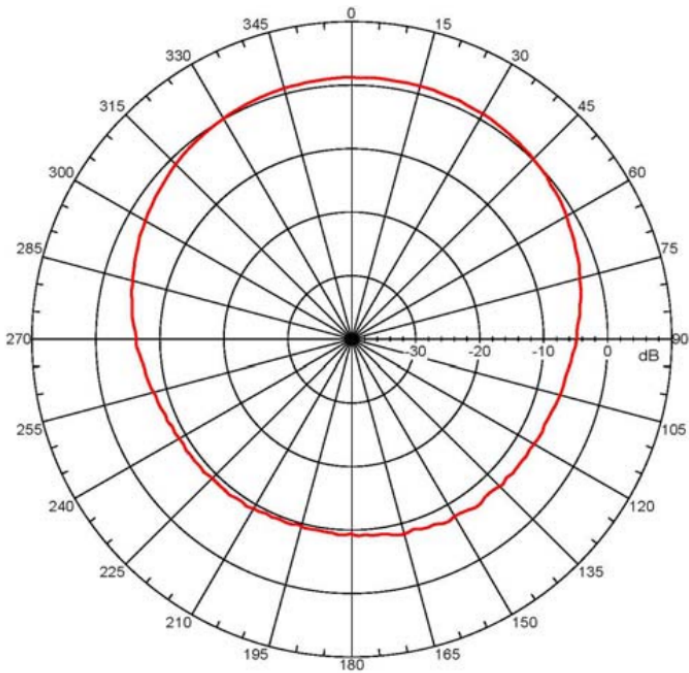


VSWR - Voltage standing wave ratio [-]

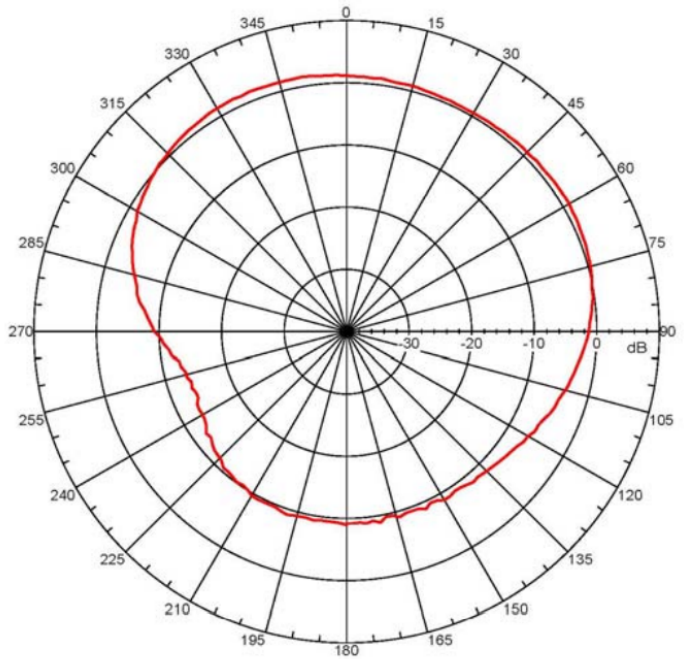


RADIATION PATTERN

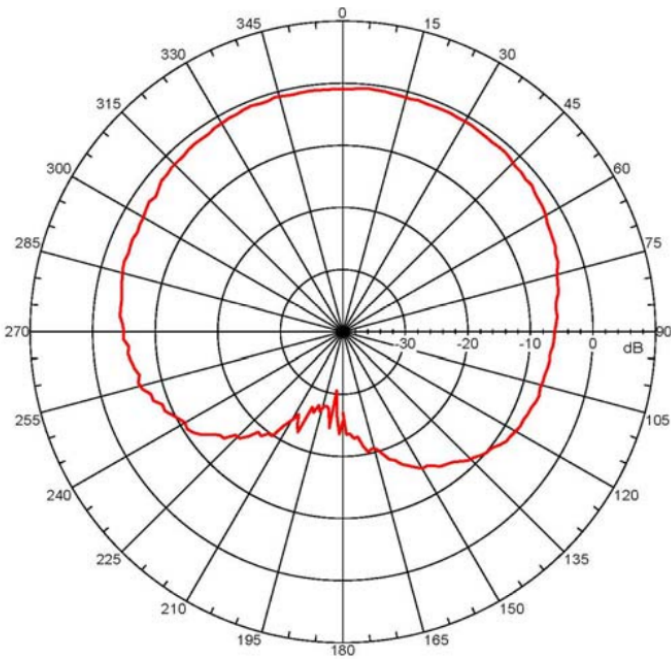
824 MHz



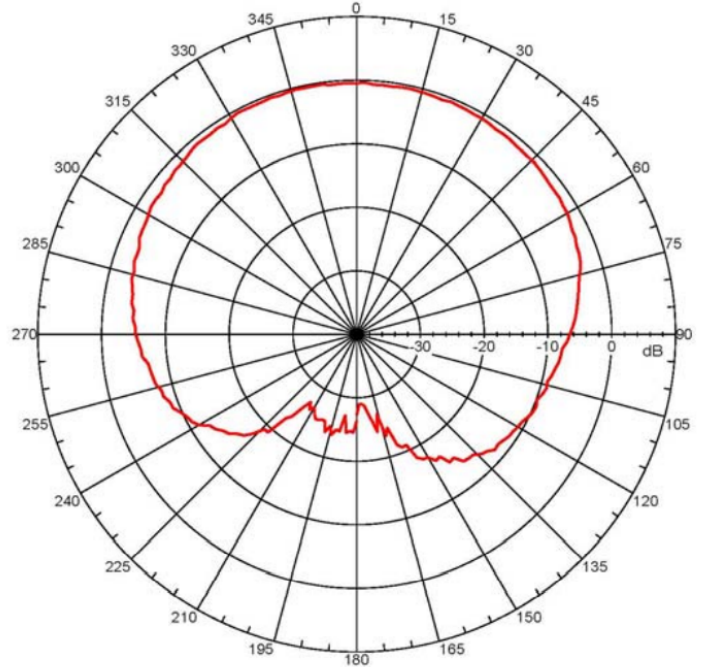
960 MHz



1710 MHz

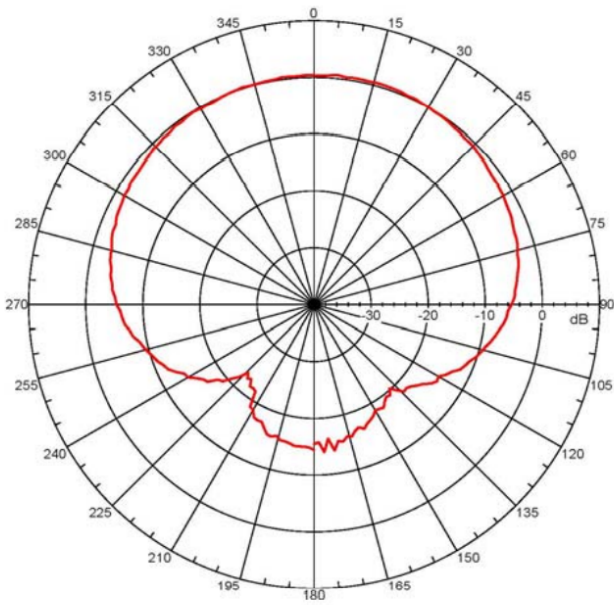


1800 MHz

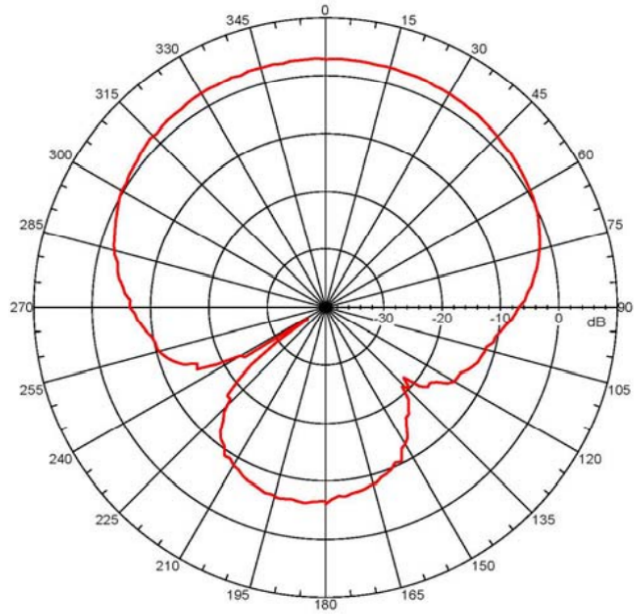


RADIATION PATTERN

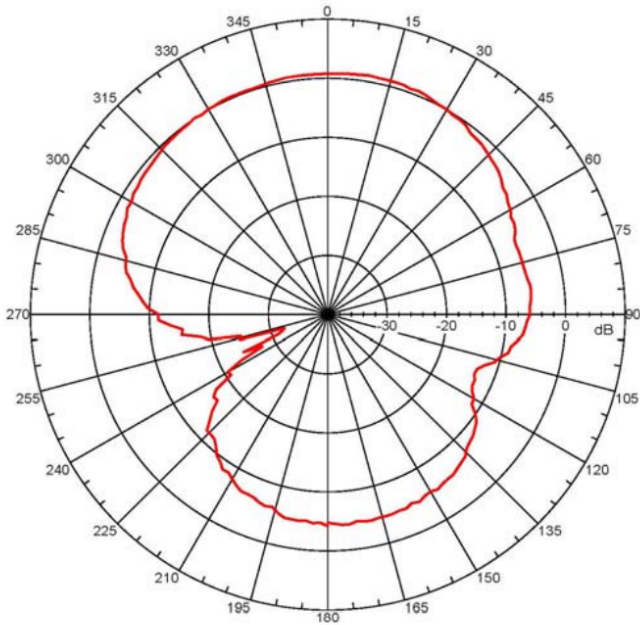
1900 MHz



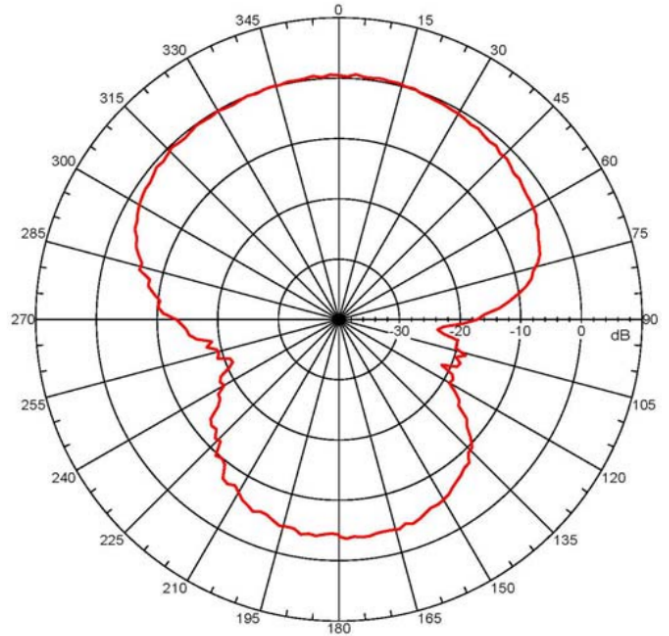
2170 MHz



2400 MHz



2600 MHz



SUMMARY

Frequency [MHz]	S_{11} [dB]	VSWR [-]	Gain [dBi]
824	-9.455	2.015	1
960	-10.077	1.913	1.5
1710	-8.881	2.125	- 0.5
2170	-10.780	1.814	3

VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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