



LTE ANTENNA

Antenna LTE MIMO Ceiling Mount W9,

2x SMA(m), 2x RG316/DS/3m

AO-ALTE-W9DS

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.

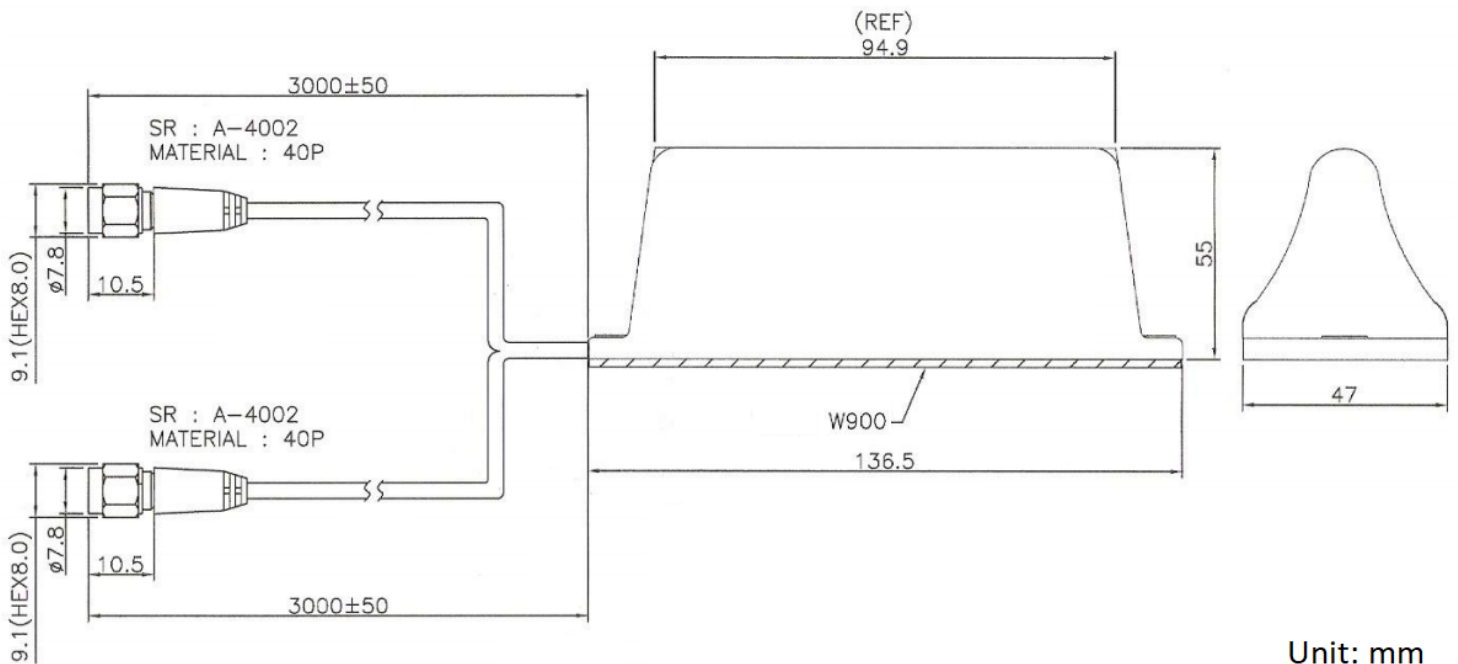


BENEFITS

- Low VSWR
- MIMO antenna
- Easy installation

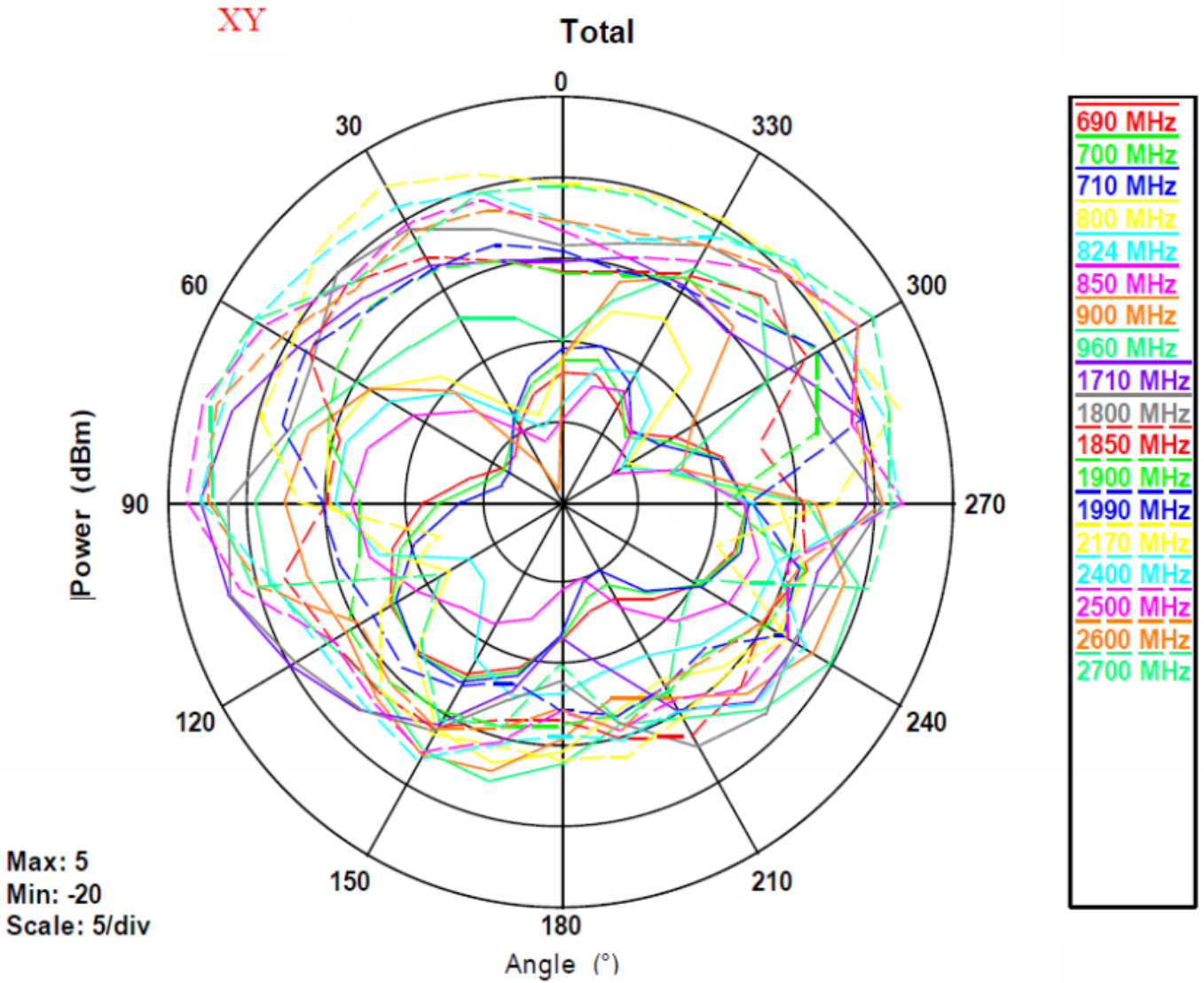
Technology	GSM/UMTS/LTE
Frequency bands	700/800/900/1800/1900/2100/2600 MHz
Bandwidth	-
Gain	4 dBi
VSWR	<2.0:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs bellow
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	136.5 x 55.0 x 47.0 mm
Weight	150.96 g
Operating temperature	-20 to +60 °C
Execution	External
Method of attachment	Ceiling Mount
Cable type	RG316/U
The cable length	2x 3 m
Connector type	2x SMA(m)
Certification	RoHS, ISO9001, ISO14001
Material	Plastic

DRAWING



Unit: mm

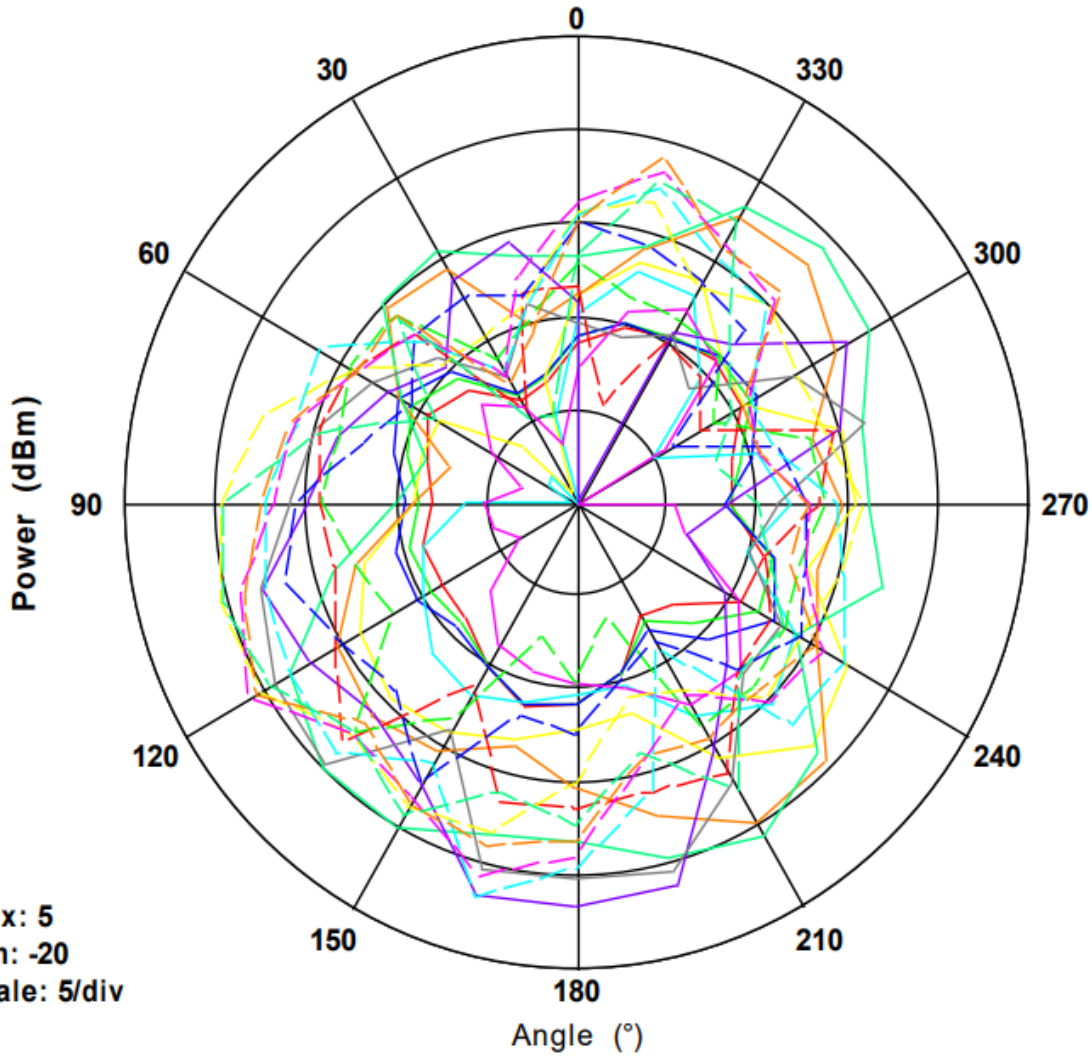
RADIATION PATTERN - XY plane



RADIATION PATTERN - XZ plane

XZ

Total



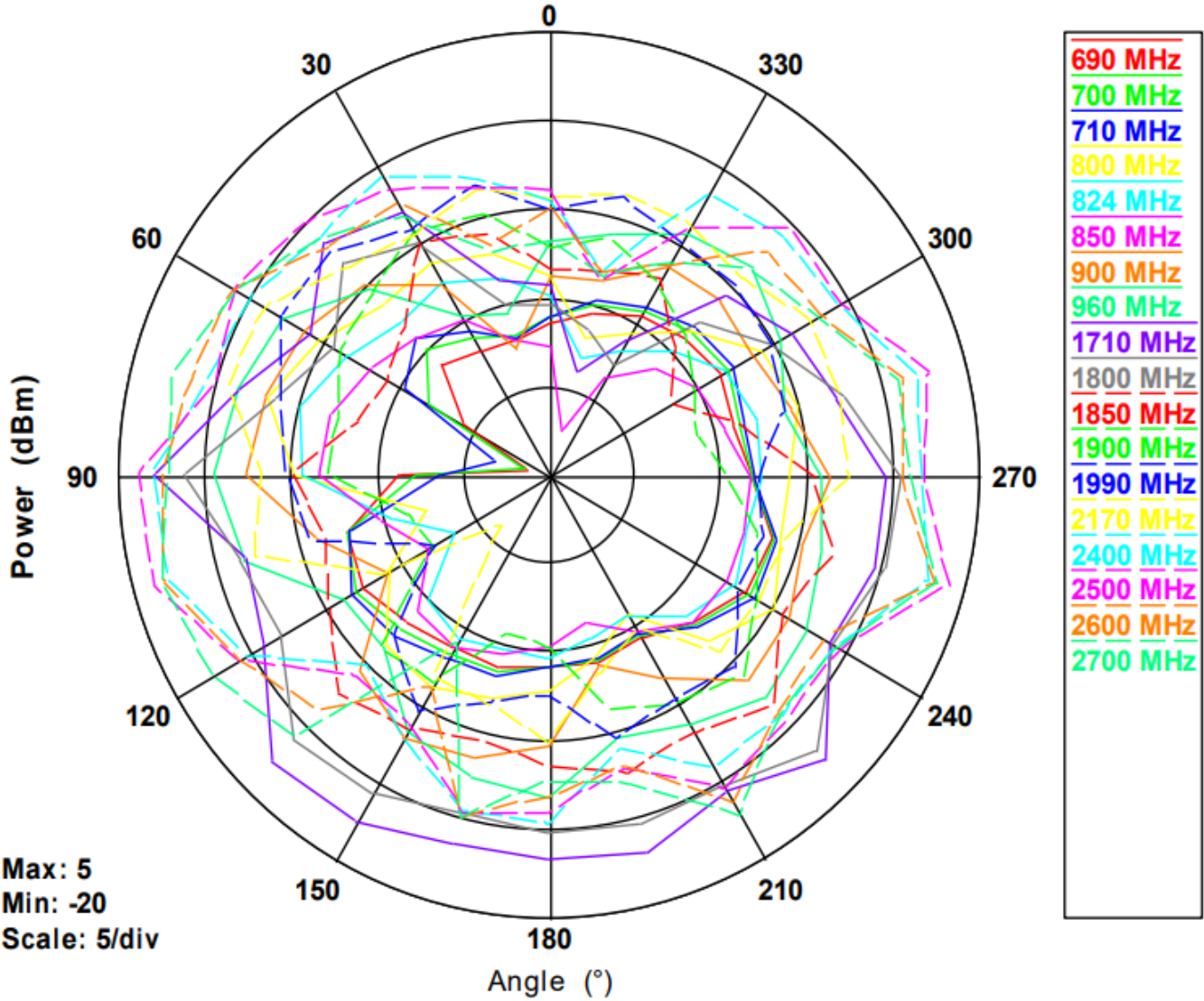
- 690 MHz
- 700 MHz
- 710 MHz
- 800 MHz
- 824 MHz
- 850 MHz
- 900 MHz
- 960 MHz
- 1710 MHz
- 1800 MHz
- 1850 MHz
- 1900 MHz
- 1990 MHz
- 2170 MHz
- 2400 MHz
- 2500 MHz
- 2600 MHz
- 2700 MHz

Max: 5
Min: -20
Scale: 5/div

RADIATION PATTERN - YZ plane

YZ

Total



SUMMARY

Frequency [MHz]	Efficiency [%]	Gain [dB]
690	12.31	-5.94
700	10.71	-5.65
710	11.67	-5.25
800	17.22	-1.03
824	11.75	-4.60
850	10.70	-6.62
900	35.85	0.51
960	42.43	0.51
1710	48.95	2.83
1800	48.93	1.90
1850	33.77	0.26
1900	30.24	-1.29
1990	32.45	-0.11
2170	48.90	2.87
2400	57.29	3.98
2500	55.39	3.92
2600	54.45	3.05
2700	52.62	3.81

VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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