

RF Specification



Frequency Range	: 698 MHz to 960 MHz / 1710 MHz to 2170 MHz / 2300 MHz to 2690 MHz
Polarization	: Linear, Vertical
HPBW / Horizontal	: 360°
HPBW / Vertical	: 90°
Peak Gain	: -1.8dBi to 3.5dBi
Efficiency	: 33% / 52% / 46% Min.
VSWR	: 4.0 Max. : 1
Power Handling	: 2W (cw)
Impedance	: 50Ω
Connector	: N Plug

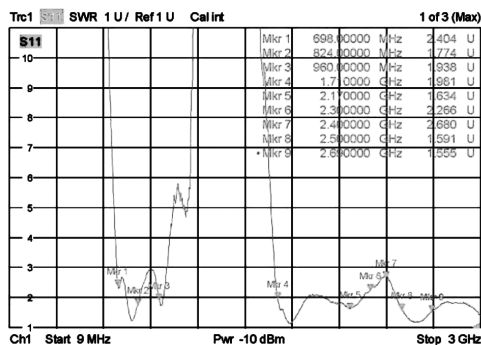
Environmental & Mechanical Characteristics

Temperature	: -40°C to +70°C
Humidity	: 95% @ 55°C
Antenna Housing Colour	: White
Antenna Housing Material	: ASA
IP Rating	: IP67
Weight	: 60.5gw
Dimensions	: (L) 178mm × (W) 22mm

Performance Summary

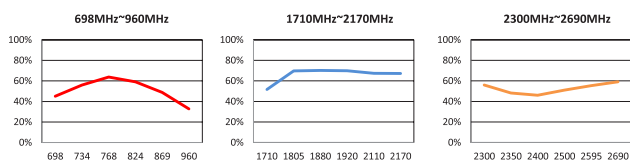
Passive Measurement: VSWR, Gain, Efficiency

Frequency (MHz)	698 to 960	1710 to 2170	2300 to 2690
VSWR	4.0 Max. : 1		

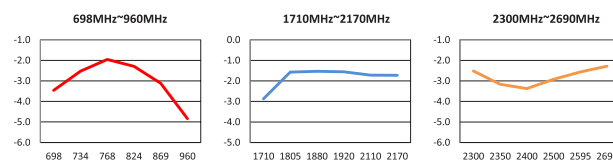


Summary

Efficiency



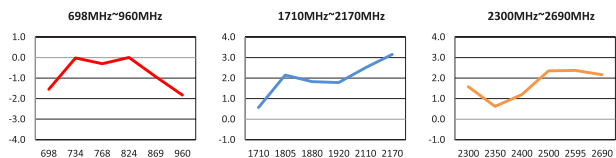
Average Gain



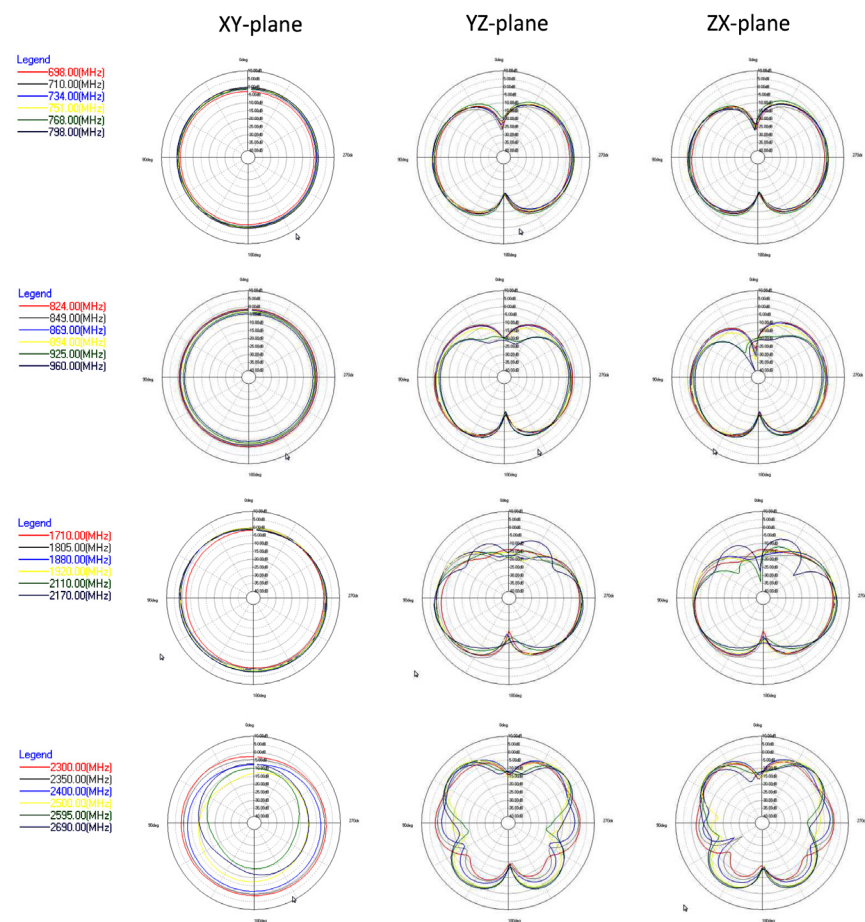
Omni Outdoor Antenna 698~960 / 1710~2170 / 2300~2690MHz

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Peak Gain



Radiation Pattern



Part Number Table

Description	Part Number
Omni Outdoor Antenna 698~960 / 1710~2170 / 2300~2690MHz for LTE Wide Band	MPOS-LTE-11-C0

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