

WiFi Omni Antenna

698~960MHz / 1710~2170MHz / 2300~2690MHz

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RF Specification

Frequency Range	: 698MHz to 960MHz / 1710MHz to 2170MHz / 2300MHz to 2690MHz
Polarization	: Linear, Vertical
HPBW / Horizontal	: 360°
HPBW / Vertical	: 60°
Peak Gain	: 0.2 dBi Max. / 2.2 dBi Max. / 2.0 dBi Max.
Efficiency	: 15% Min. / 62% Min. / 80% Min.
VSWR	: 4.0 Max. : 1 / 2.0 Max. : 1 / 2.0 Max. : 1
Power Handling	: 2W (cw)
Impedance	: 50Ω
Connector	: N Plug

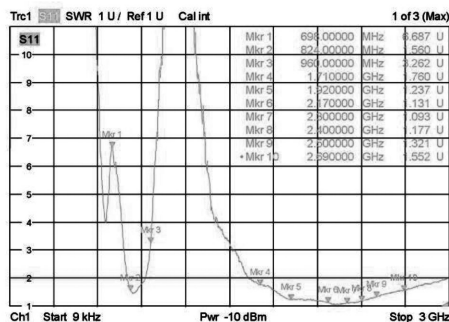


Environmental & Mechanical Characteristics

Temperature	: -40°C to +85°C
Humidity	: 95% @ 55°C
Antenna Housing Colour	: Cool Grey 2C
Antenna Housing Material	: PC
IP Rating	: IP67
IK Rating	: IK09
Weight	: 90g
Dimensions	: (L) 55mm × (W) 64mm
Colour Band	: Grey

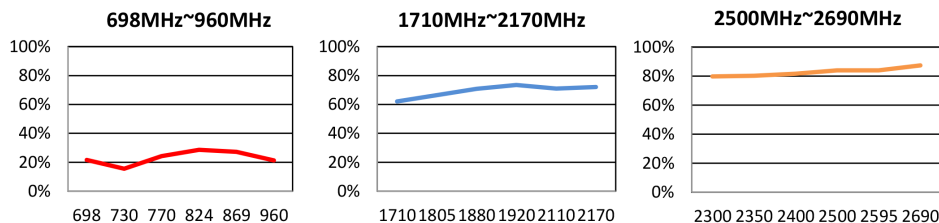
Passive Measurement: VSWR, Gain, Efficiency

Frequency (MHz)	698 to 960	1710 to 2170	2300 to 2690
VSWR	4.0 Max. : 1	2.0 Max. : 1	2.0 Max. : 1



Summary

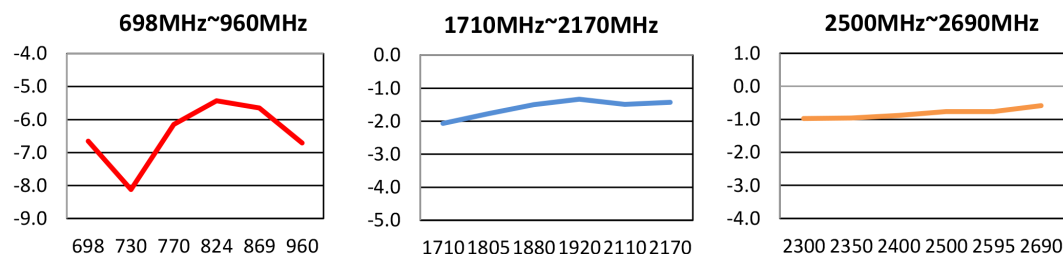
Efficiency



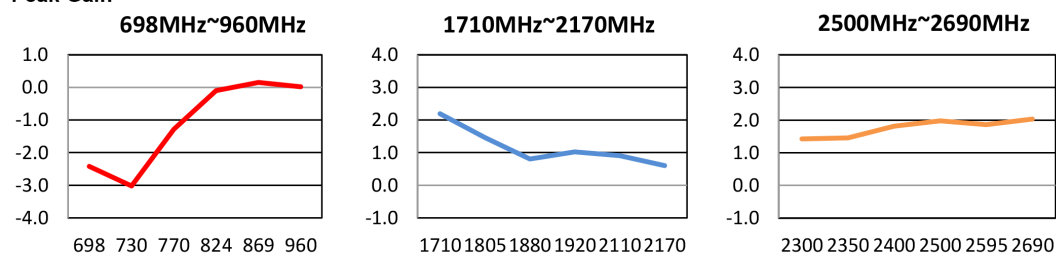
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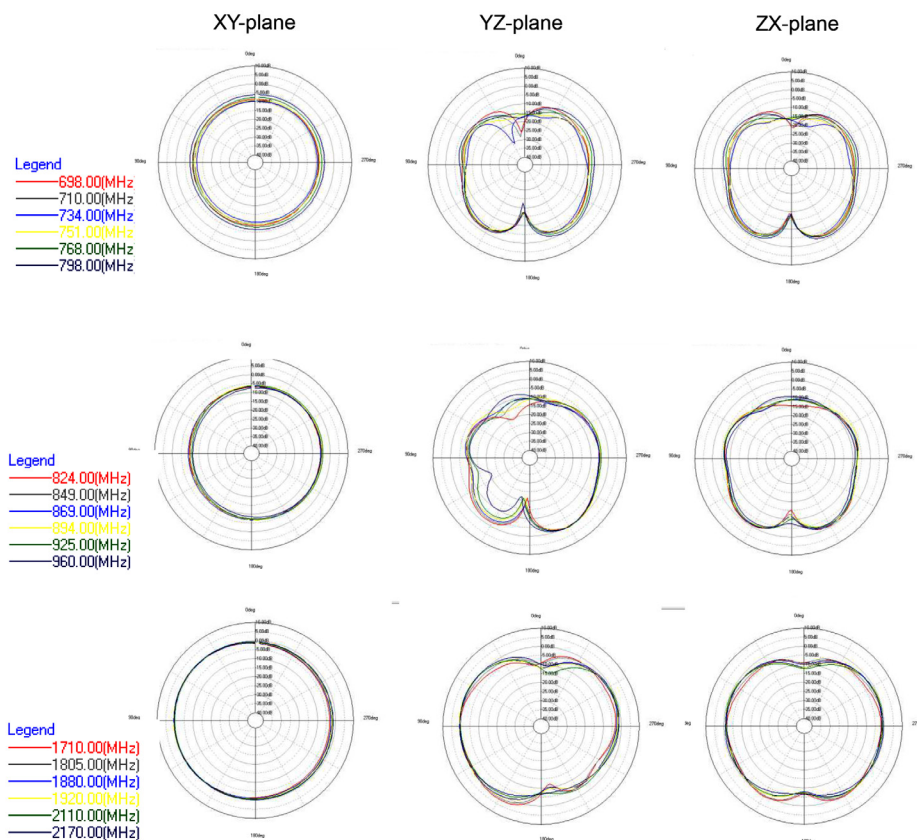
Average Gain



Peak Gain



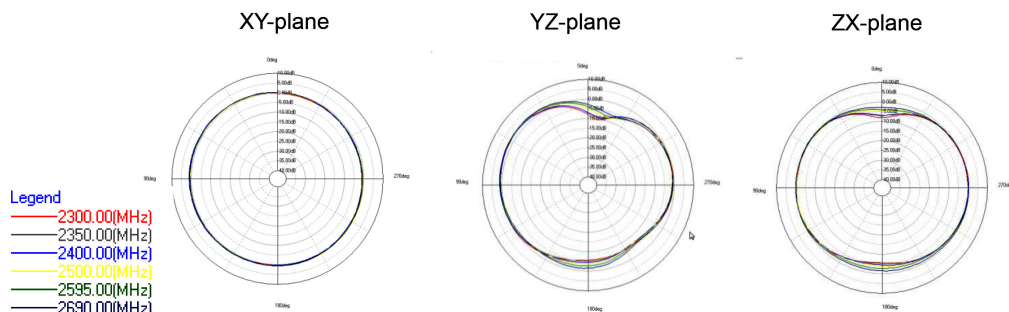
Radiation Pattern



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Part Number Table

Description	Part Number
WiFi Omni Antenna 698MHz to 960MHz / 1710MHz to 2170MHz / 2300MHz to 2690MHz	MPOE-LTE-04-016-CN

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