

**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

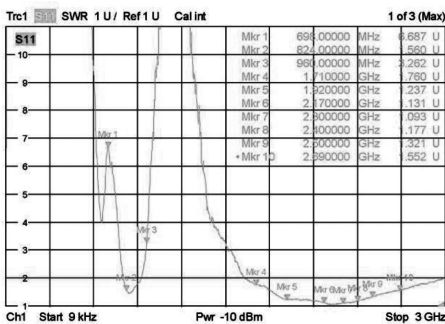


**Environmental & Mechanical Characteristics**

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

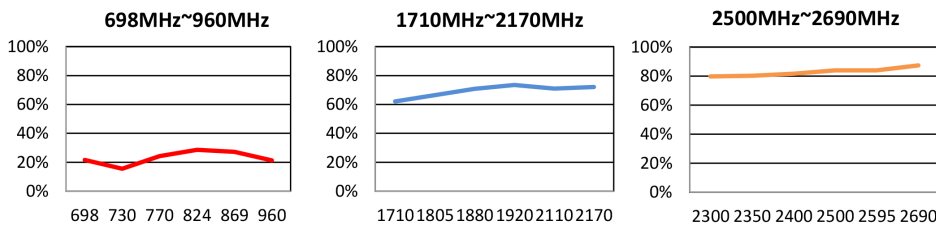
**Passive Measurement: VSWR, Gain, Efficiency**

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

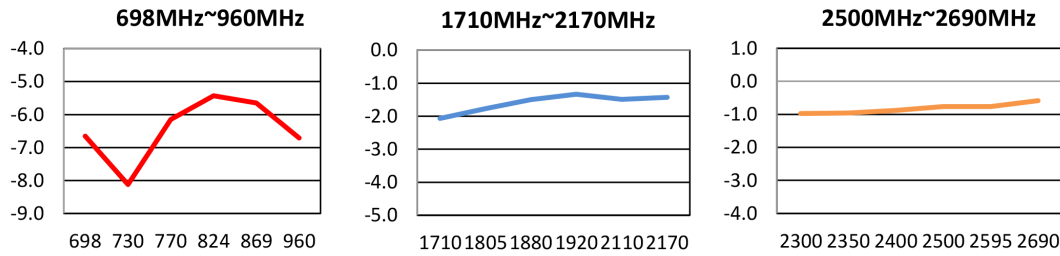


**Summary**

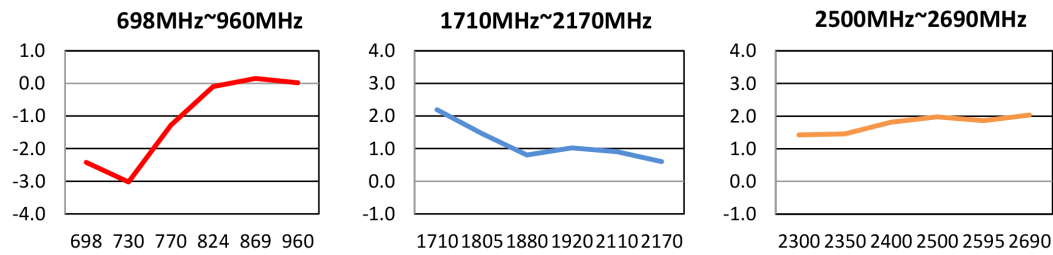
**Efficiency**



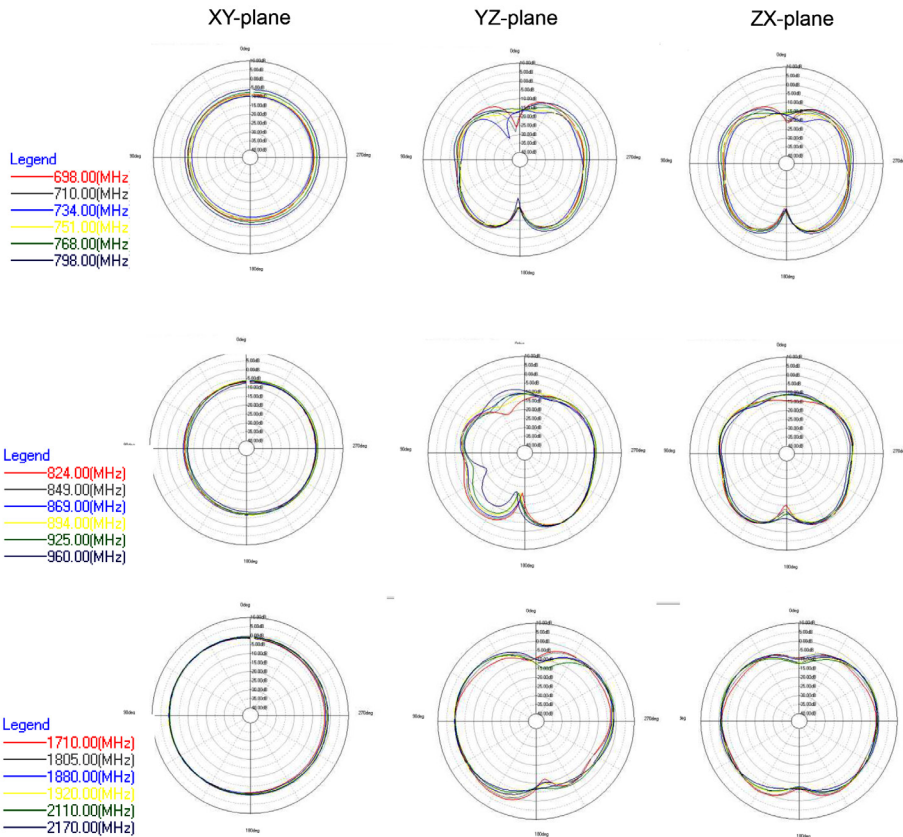
**Average Gain**

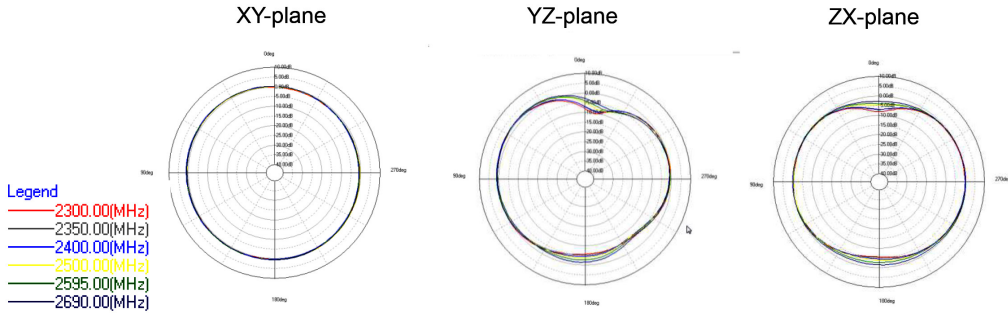


**Peak Gain**



**Radiation Pattern**





**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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