

Indoor Antenna 5G, IP67

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**RoHS
Compliant**



Support Band	LTE Band		1,2,3,4,5,7,8,12,13,14,17,18,19,20,26,28,71,25,39,30
		DL	27,29,32,34,38,40,41,42,43,46
	CBRS		48
	FR1		n1,n2,n3,n5,n7,n14,n28,n30,n41,n66,n71,n78,n79

Specification							
Frequency Range	617MHz to 960MHz	1427MHz to 1559MHz	1710MHz to 2200MHz	2300MHz to 2690MHz	3300MHz to 3800MHz	4400MHz to 5000MHz	5150 to 5850MHz
Polarization	Linear, Vertical						
HPBW / Horizontal	360°						
HPBW / Vertical	60°						
Peak Gain	2.1 dBi Max	1.3 dBi Max	3.3 dBi Max.	3.4 dBi Max.	3.7 dBi Max.	4 dBi Max.	4.8 dBi Max.
Efficiency	36% min.	51% min.	64% min.	71% min.	77% min.	62% min.	68% min.
VSWR	4 max.:1			2.5 max.:1			
Power Handling	2W (cw)						
Impedance	50Ω						
Connector	SMA Plug						

Environmental & Mechanical Characteristics

Temperature	: -30°C to +70°C
Humidity	: 95% @ 55°C
Antenna Housing Colour	: Black
Antenna Housing Material	: PC
Weight	: 52g
Dimensions	: 210mm(L) × 42mm(W) × 13mm(OD)

Performance Summary Straight

VSWR

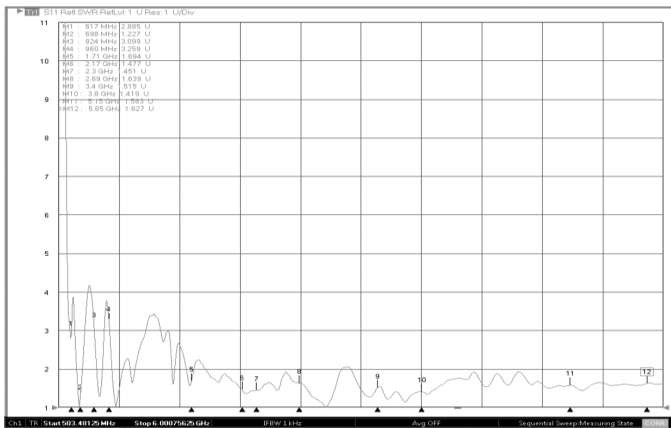
Frequency (MHz)	617 - 960	1427-1559	1710 - 2200	2300 - 2690	3300 - 3800	4400 - 5000	5150 - 5850
VSWR	4 max.: 1			2.5 max.:1			

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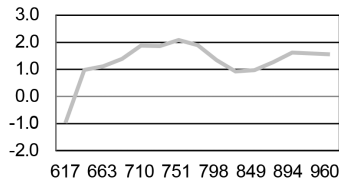
Gain Table

Peak Gain

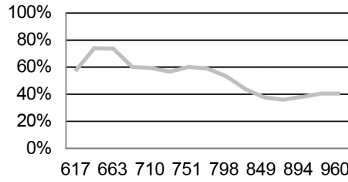
EFFICIENCY

Average Gain

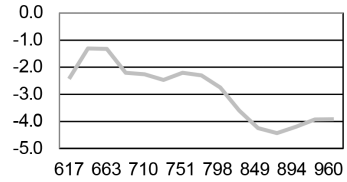
617MHz~960MHz



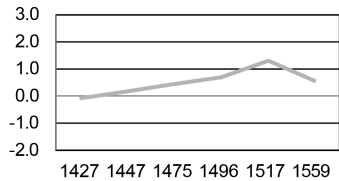
617MHz~960MHz



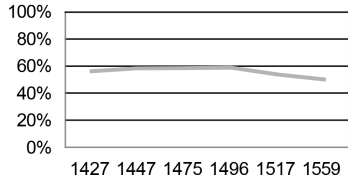
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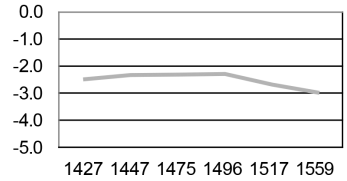
1427MHz~1559MHz



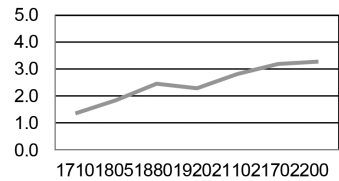
1427MHz~1559MHz



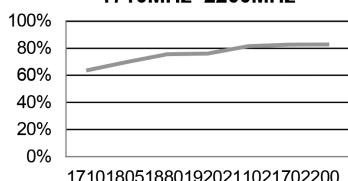
1427MHz~1559MHz



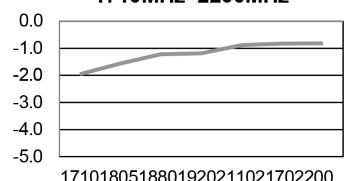
1710MHz~2200MHz



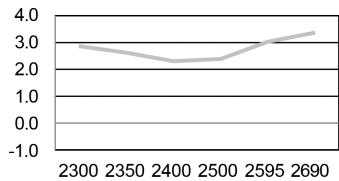
1710MHz~2200MHz



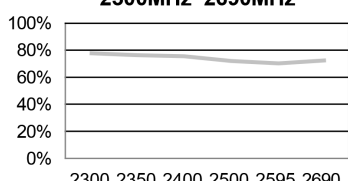
1710MHz~2200MHz



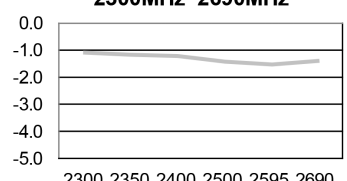
2300MHz~2690MHz



2300MHz~2690MHz



2300MHz~2690MHz



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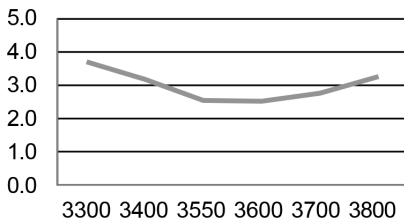
Gain Table

Peak Gain

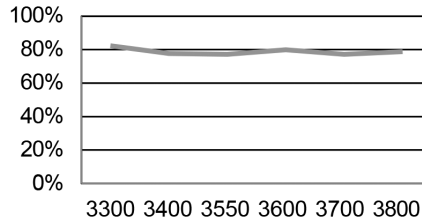
EFFICIENCY

Average Gain

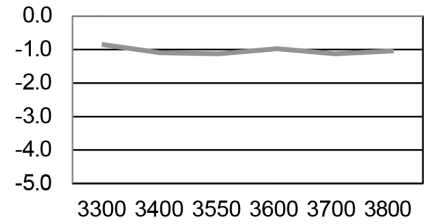
3300MHz~3800MHz



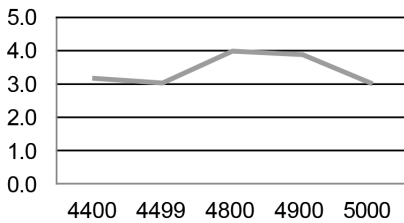
3300MHz~3800MHz



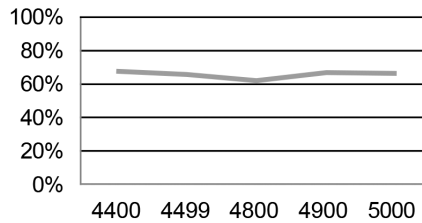
3300MHz~3800MHz



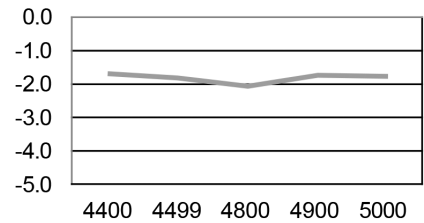
4400MHz~5000MHz



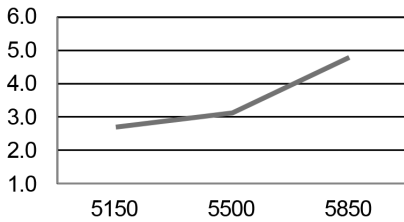
4400MHz~5000MHz



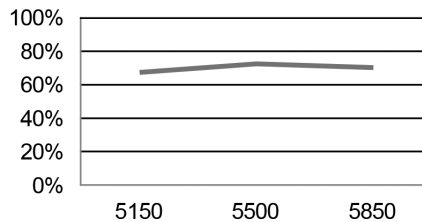
4400MHz~5000MHz



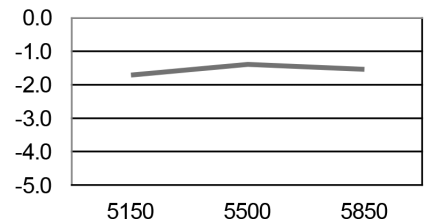
5150MHz~5925MHz



5150MHz~5850MHz



5150MHz~5850MHz

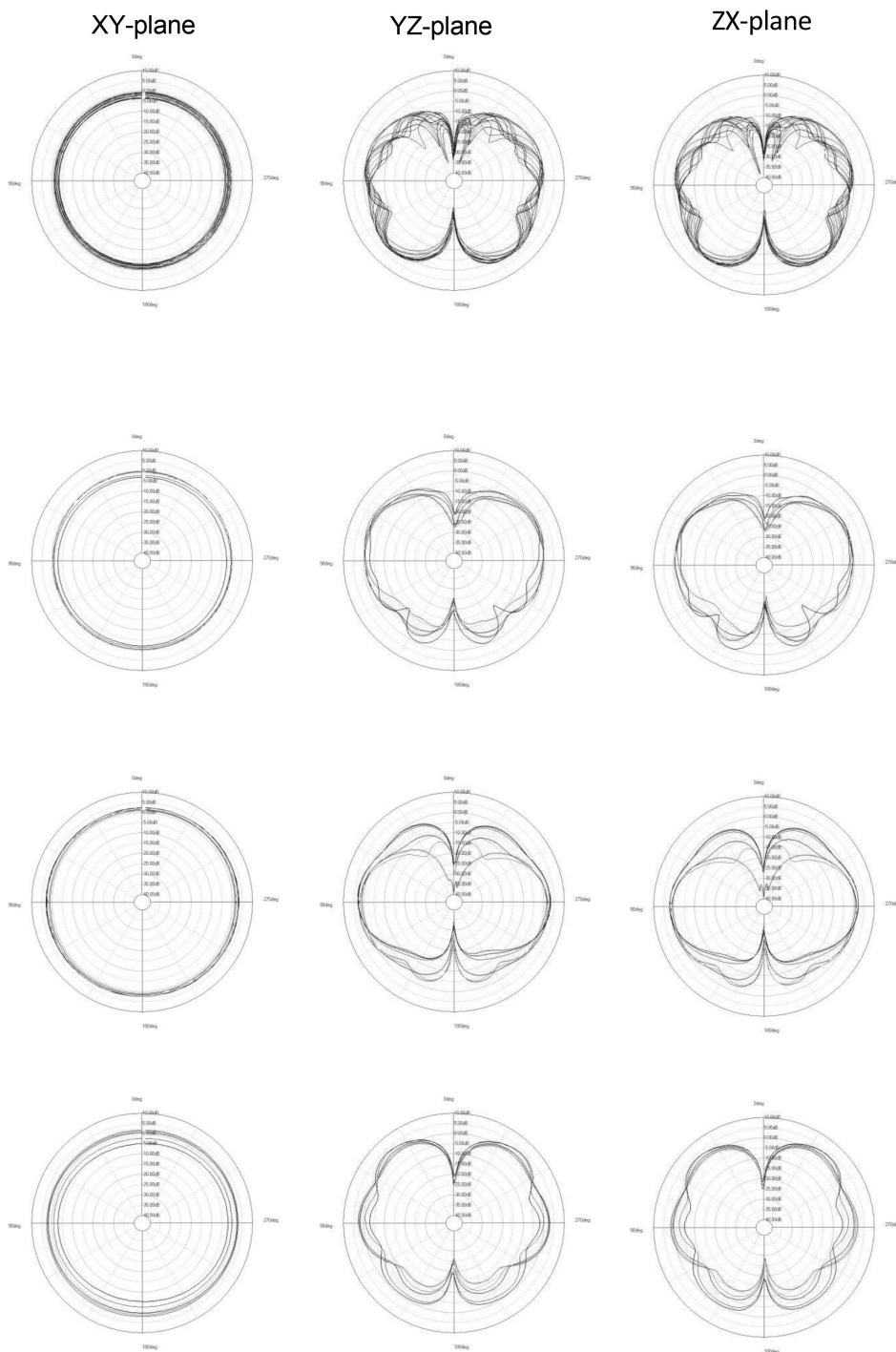


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Radiation Pattern



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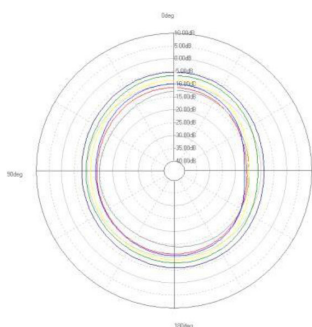
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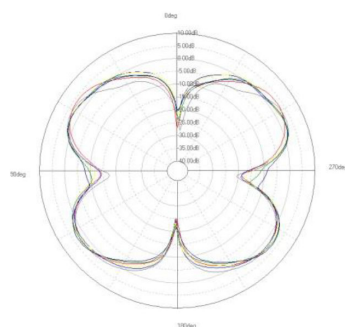
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Radiation Pattern (Stand Alone)

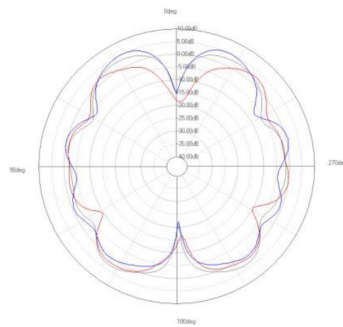
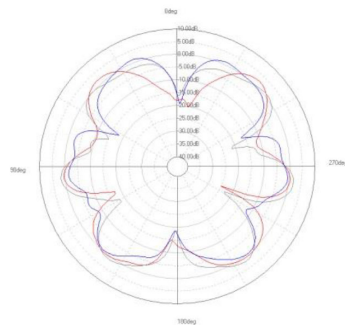
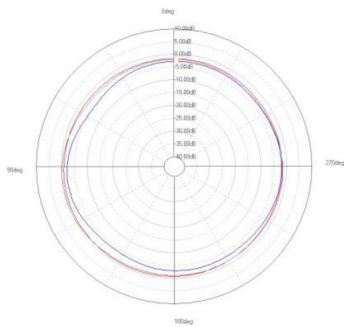
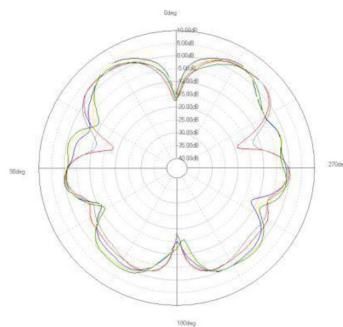
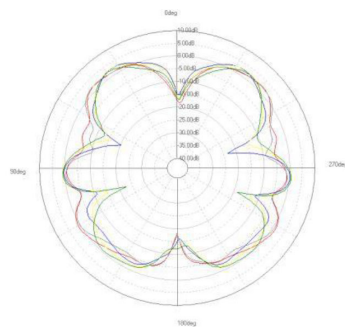
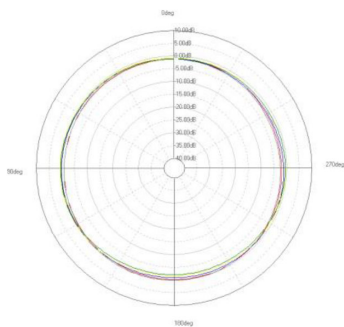
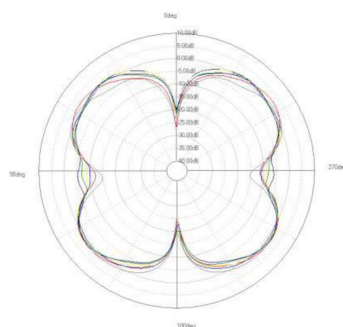
XY-plane



YZ-plane



ZX-plane



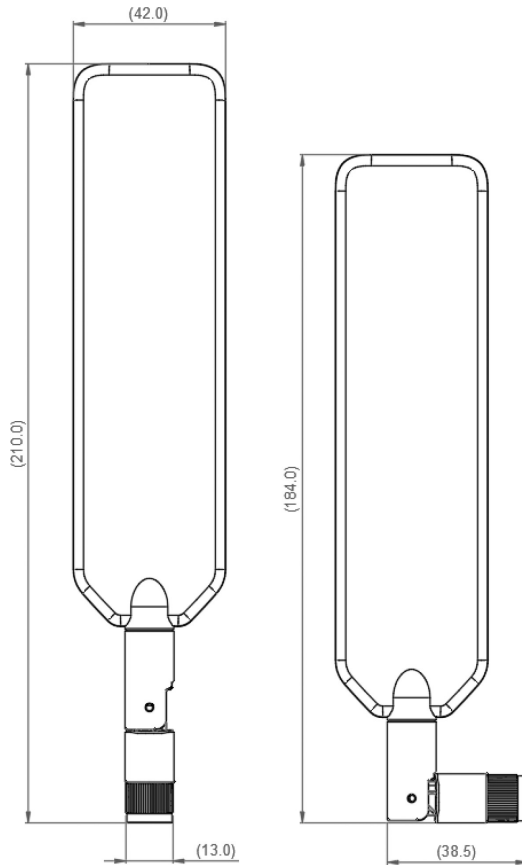
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Dimension



Dimensions : Millimetres

Part Number Table

Description	Part Number
Indoor Antenna, 600MHz-6GHz, SMA Plug, Linear, Vertical, IP67	MP011398

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