

Outdoor Antenna

5G, IP67

multicomp PRO

**RoHS
Compliant**



| | | | |
|--------------|----------|-------|--------------------------------------------|
| Support Band | LTE Band | FDD | 1,2,3,4,5,7,8,12,13,14,25,26,28,30,66,71 |
| | | TDD | 41,42,43,48 |
| | FR1 | FDD | n1,n2,n3,n5,n7,n8,n12,n14,n28,n30,n266,n71 |
| | | TDD | n38,n41,n46,n77,n78,n79 |
| GNSS | na | L1,L5 | |

| Specification | | | | | | | |
|-------------------|------------------|-------------|--------------------|--------------------|-----------------|-----------------|-----------------|
| Frequency Range | 617MHz to 960MHz | GNSS L1/ L5 | 1710MHz to 2200MHz | 2300MHz to 2690MHz | 3300MHz to 4200 | 4400MHz to 5000 | 5150 to 5925MHz |
| Polarization | Linear, Vertical | | | | | | |
| HPBW / Horizontal | 360° | | | | | | |
| HPBW / Vertical | 60° | | | | | | |
| Peak Gain | 2.4 dBi Max | 2.7 dBi Max | 3.1 dBi Max. | 3.5 dBi Max. | 3.5 dBi Max. | 5.2 dBi Max. | 4.9 dBi Max. |
| Efficiency | 24% min. | 59% min. | 66% min. | 63% min. | 74% min. | 76% min. | 55% min. |
| VSWR | 5 typ.:1 | 3 typ.:1 | | | | | |
| Power Handling | 2W (cw) | | | | | | |
| Impedance | 50Ω | | | | | | |
| Connector | N Plug | | | | | | |

Environmental & Mechanical Characteristics

| | |
|--------------------------|-----------------------|
| Temperature | : -40°C to +70°C |
| Humidity | : 95% @ 55°C |
| Waterproof Rating | : IPX7 |
| Antenna Housing Colour | : White |
| Antenna Housing Material | : ASA, UV Resistance |
| Dimensions | : 102mm(L) × 25mm(OD) |
| Weight | : 69g |

Performance Summary

VSWR

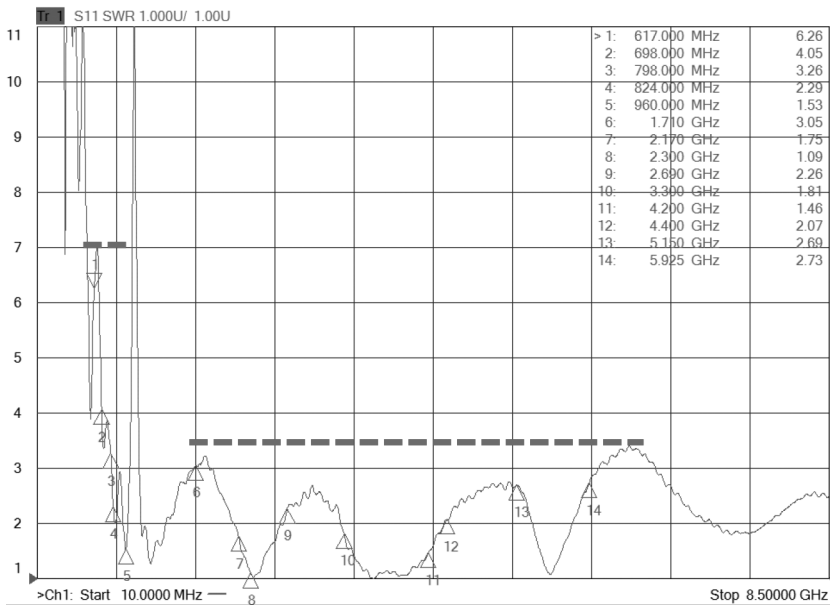
| | | | | | | | |
|-----------------|-----------|------------|-------------|-------------|-------------|-------------|-------------|
| Frequency (MHz) | 617 - 960 | GNSS L1/L5 | 1710 - 2200 | 2300 - 2690 | 3300 - 4200 | 4400 - 5000 | 5150 - 5925 |
| VSWR | 5 max.: 1 | 3 typ.:1 | | | | | |

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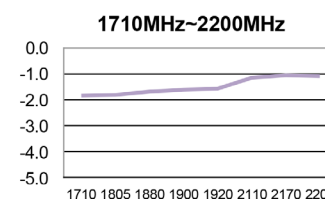
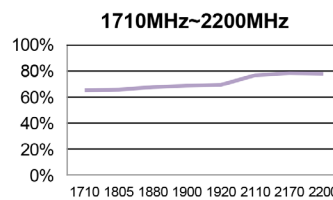
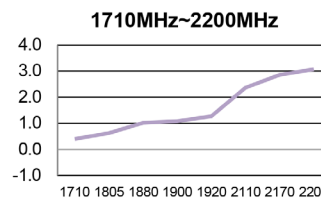
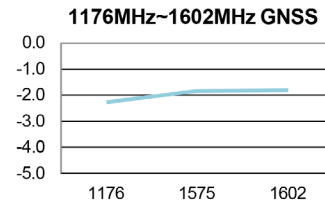
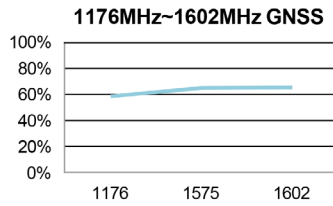
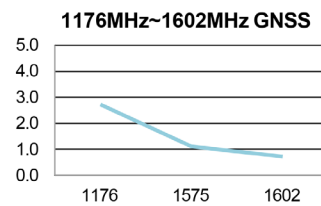
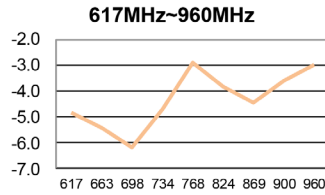
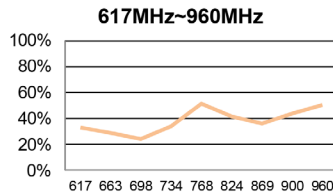
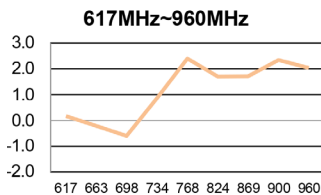


Gain Table

Peak gain

Efficiency

Avg. gain



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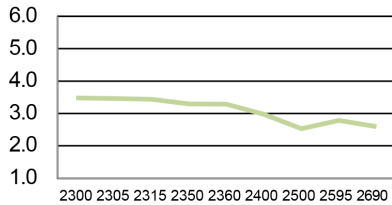
Gain Table

Peak gain

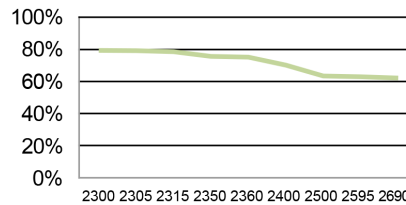
Efficiency

Avg. gain

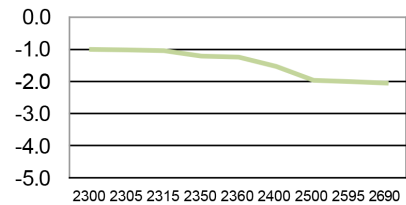
2300MHz~2690MHz



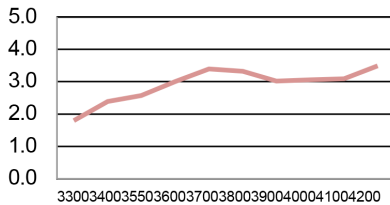
2300MHz~2690MHz



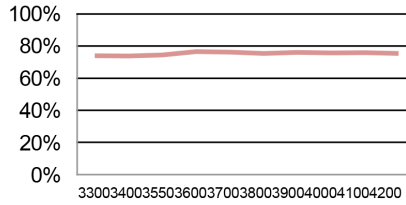
2300MHz~2690MHz



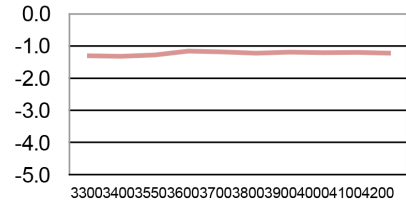
3300MHz~4200MHz



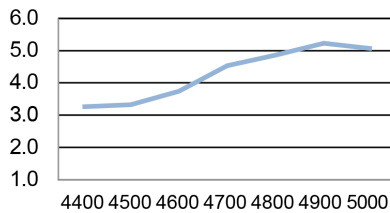
3300MHz~4200MHz



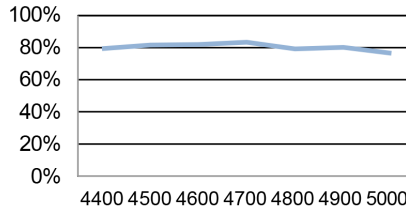
3300MHz~4200MHz



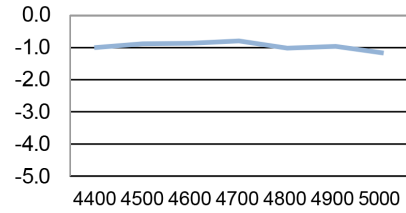
4400MHz~5000MHz



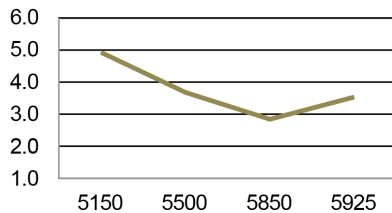
4400MHz~5000MHz



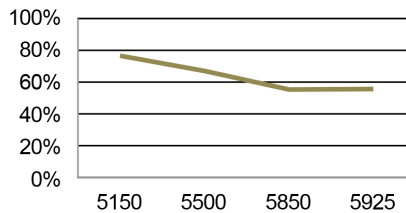
4400MHz~5000MHz



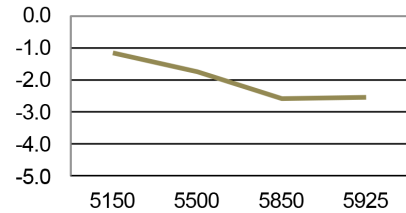
5150MHz~5925MHz



5150MHz~5925MHz



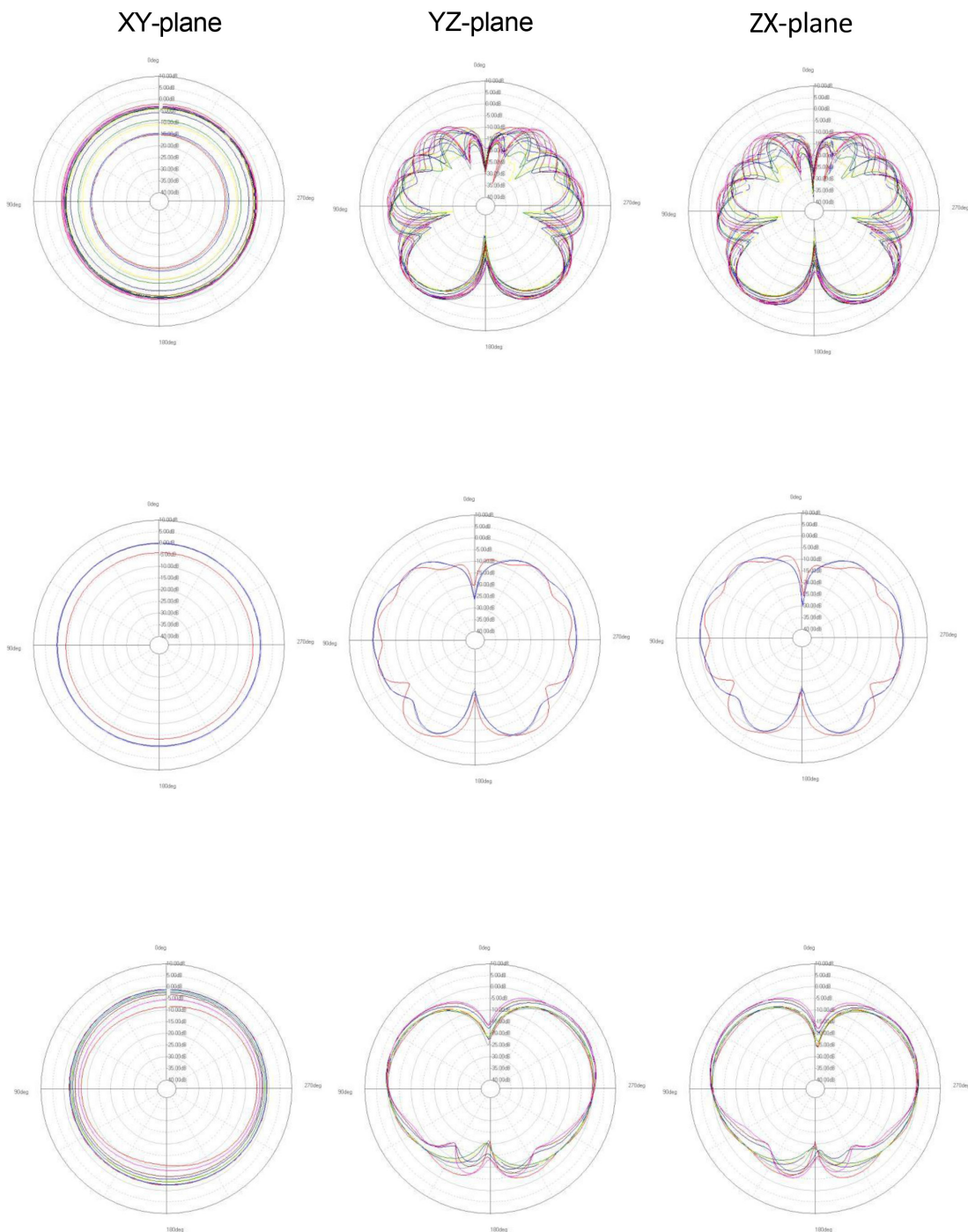
5150MHz~5925MHz



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Radiation Pattern



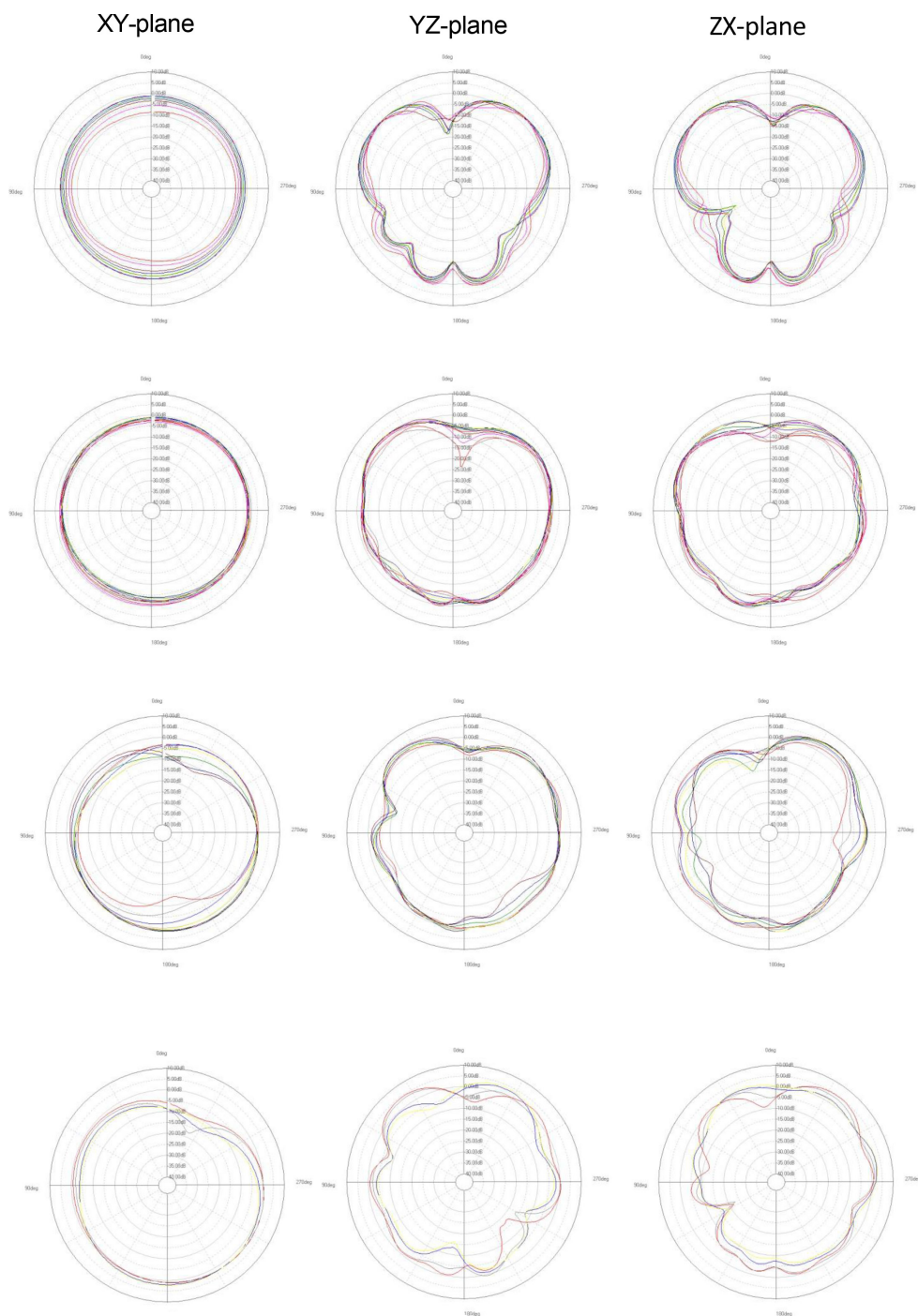
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Radiation Pattern



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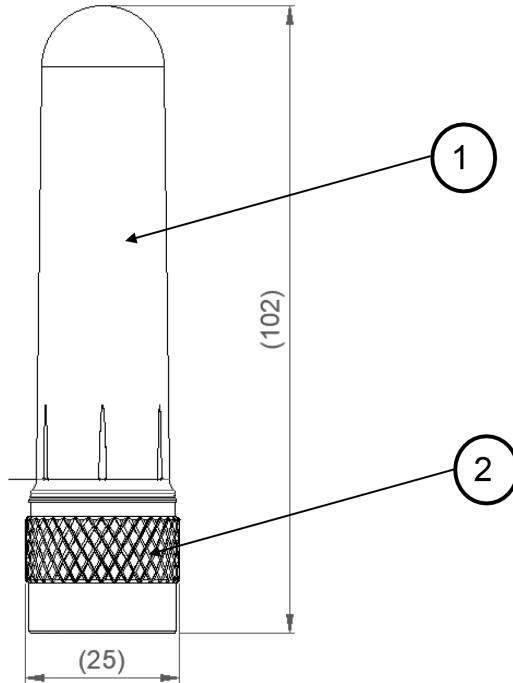
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Dimension



1. Antenna Top Cover, PC UV Resistance
2. N Straight Plug For Edge Mount Robust Antenna

Dimensions : Millimetres

Part Number Table

| Description | Part Number |
|--------------------------------------------------------------|-------------|
| Outdoor Antenna, 600MHz-6GHz, N Plug, Linear, Vertical, IP67 | MP011395 |

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