



EX-53

Outdoor IP-67 Wireless 5.9GHz OMNI Antenna



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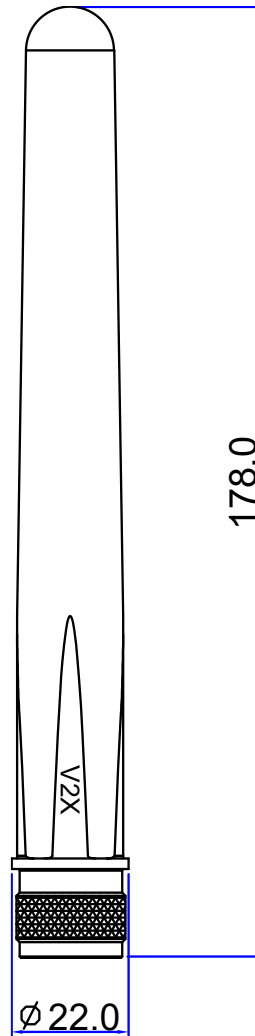
Antenna Specifications

- ❖ Drawing
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Modification History

REV	Content	Date
00	Creating document	2016/9/20
01	Updating drawing Correcting typo	2022/12/23

Drawing



Operating Environment

Temperature	-40°C ~ +70°C
Humidity	10 to 95% RH @ 55°C

Mechanical Property

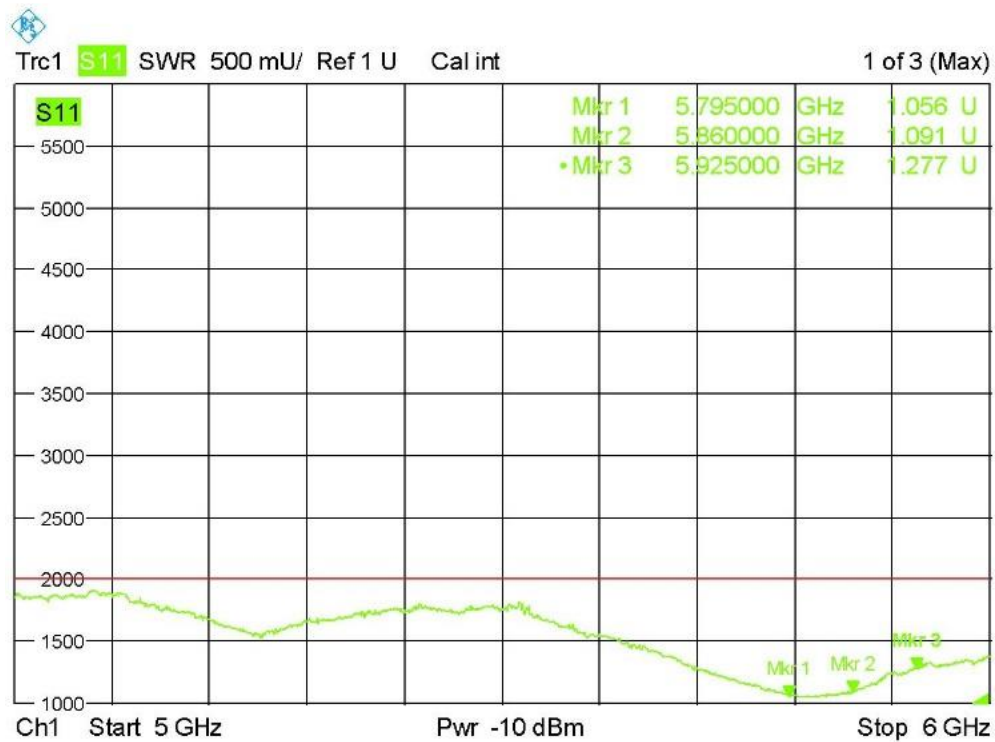
Dimensions	178.0(L) × 22.0(W) mm
Enclosure Material	ASA
Weight	60±5g
Connector	Type N plug
Color	White

Electrical Property

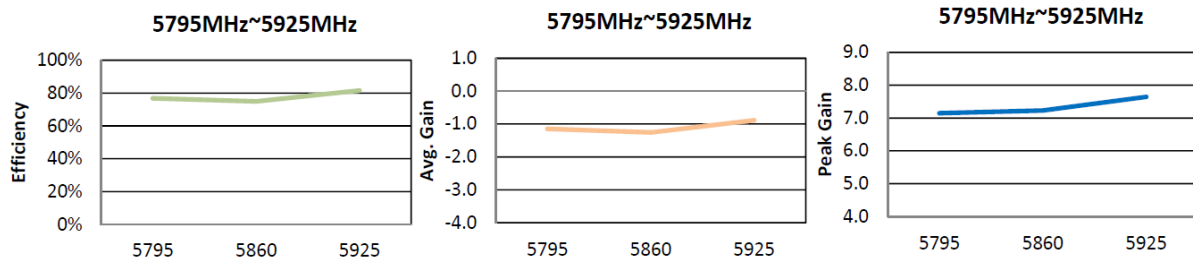
(Conditions: 25±5°C, 65±25RH, 960±100hPa)

Center frequency	5795~5925 MHz
Peak Gain	7.6 dBi Max.
Polarization	Linear, Vertical
HPBW / Horizontal	360°
HPBW / Vertical	18°
Efficiency	75% Min.
Voltage	3.0-5.0V
Power Handling	2W (CW)
VSWR	2.0 Max.
Impedance	50 Ohms
Resistance	10K Ohms (± 1%) between center pin and ground

VSWR



EFFICIENCY / GAIN



Radiation Pattern

