

NANE24X136WTMG1R561G1F

GNSS External Whip Antenna: GPS L1 & Glonass G1



Description

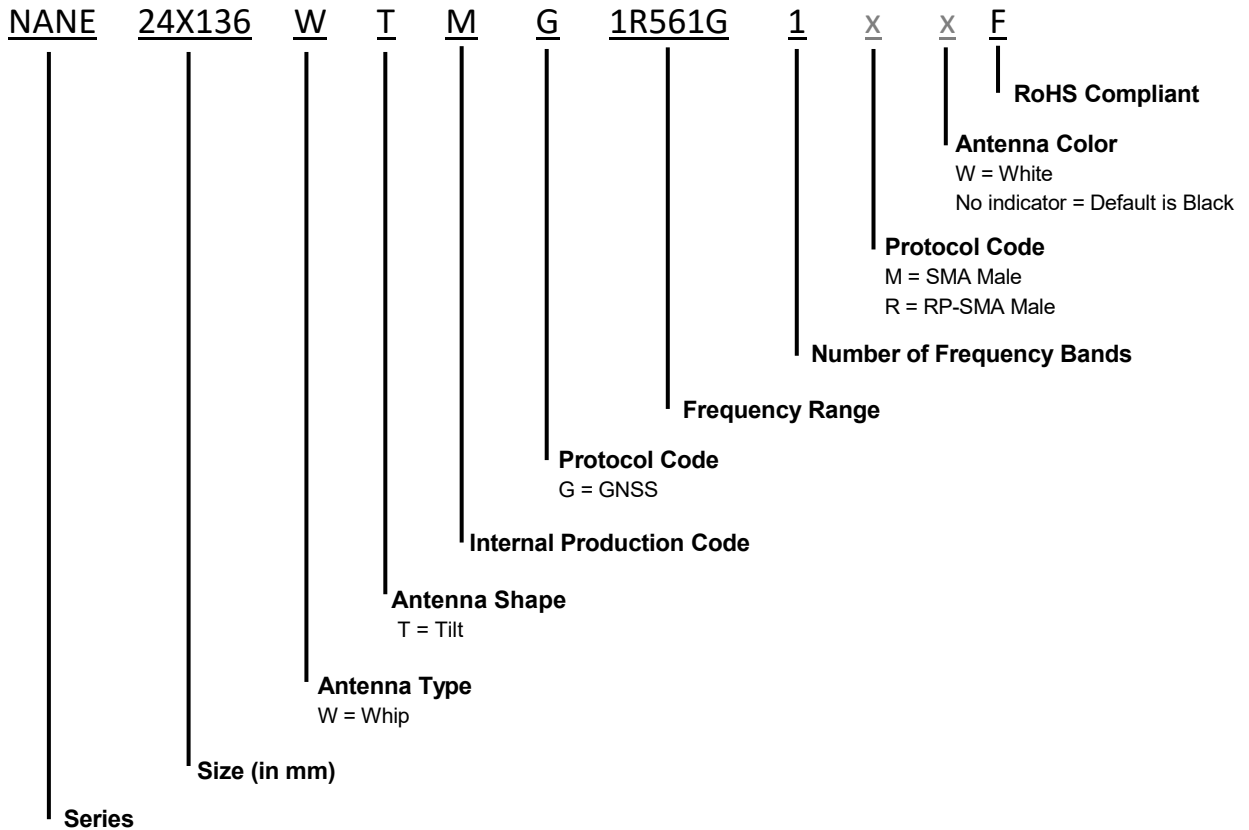
NANE24X136WTMG1R561G1F is the base part number of an External Whip antenna designed for GPS / GLONASS applications. It operates within the frequency ranges of 1561~1602 MHz and making it perfect for Navigation, Timing, Location, Smart Transportation, Asset Tracking

Features

- 1561 ~ 1602 MHz GPS L1 & Glonass G1 Bands
- Hinged design with detents for straight, 45 degree and 90 degree positioning
- RoHs Compliant



Part Number Breakdown



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Part Numbers Options

Part Number	Protocol	Connector	Antenna Color
NANE24X136WTMG1R561G1MWF	GPS L1 & GLONASS G1	SMA Male	White
NANE24X136WTMG1R561G1MF	GPS L1 & GLONASS G1	SMA Male	Black
NANE24X136WTMG1R561G1RF	GPS L1 & GLONASS G1	RP-SMA Male	Black

The table represents assembled part numbers available on www.niccomp.com. For options not listed above please contact NIC

Specifications

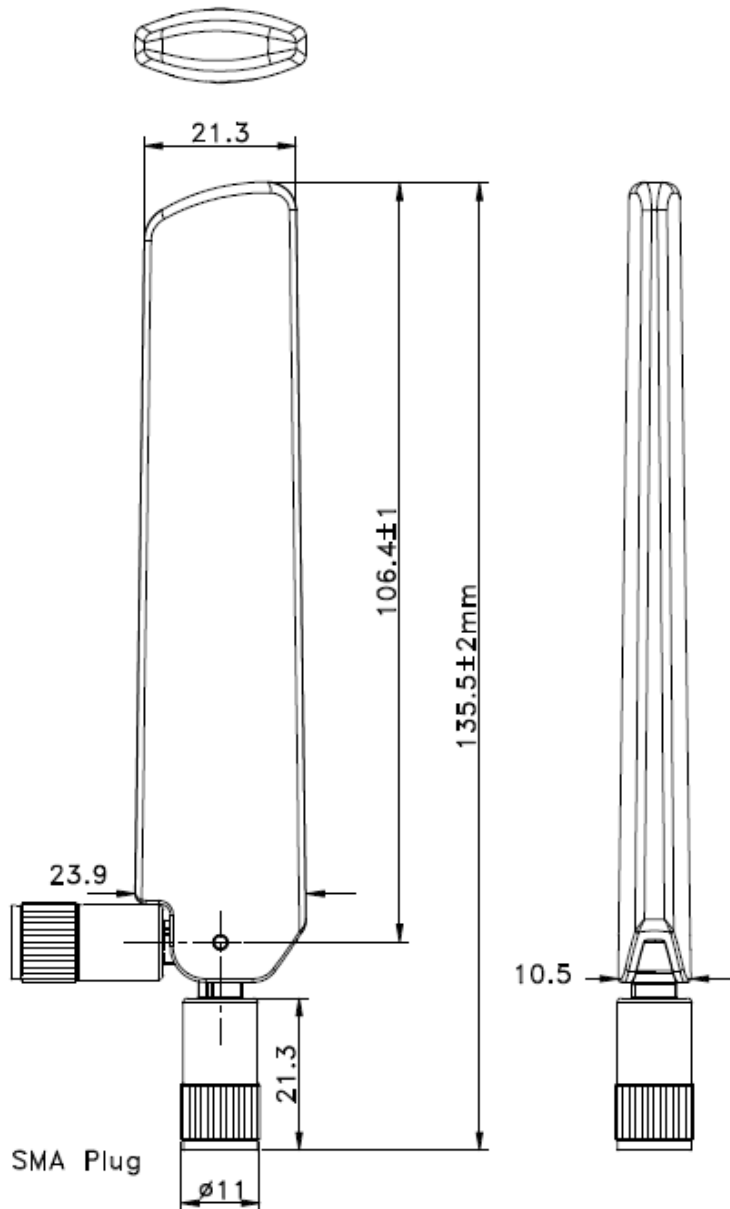
Electrical	
Frequency Range	1561 ~ 1602 MHz
Peak Gain	1.6 dBi
V.S.W.R	≤ 2.0
Polarization	Linear
Radiation	Omni directional
Impedance	50 Ω
Environmental	
Operating Temperature	-30°C~+70°C
Weight	16.5 g
Radome Material	Plastic
ROHS Compliant	Yes

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Dimensions



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Test Set Up



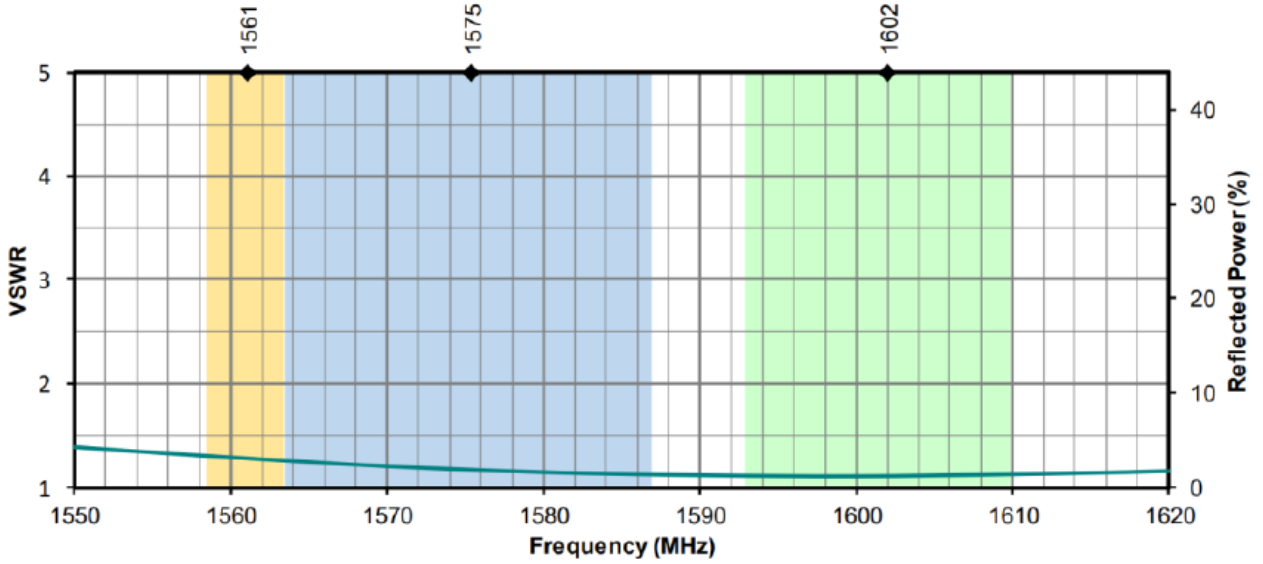
Adapter	N to SMA
Test Distance	400 mm
Testing Cable Type	Semi-rigid + Core
Location of Antenna	place in the middle of Styrofoam plate
Cable length	400 mm

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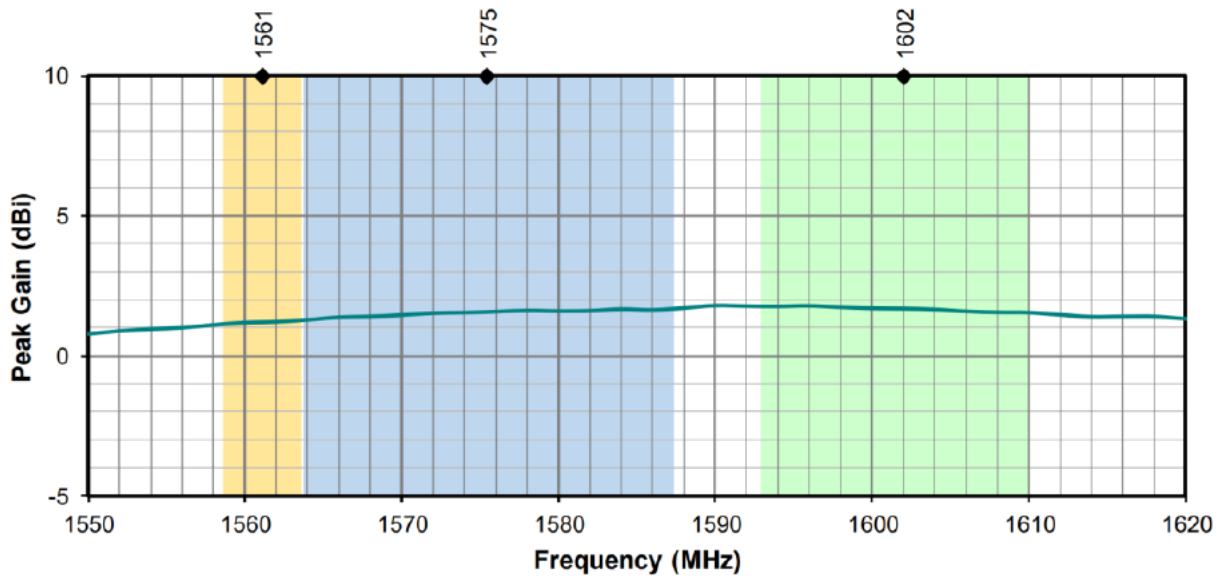
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VSWR



Gain

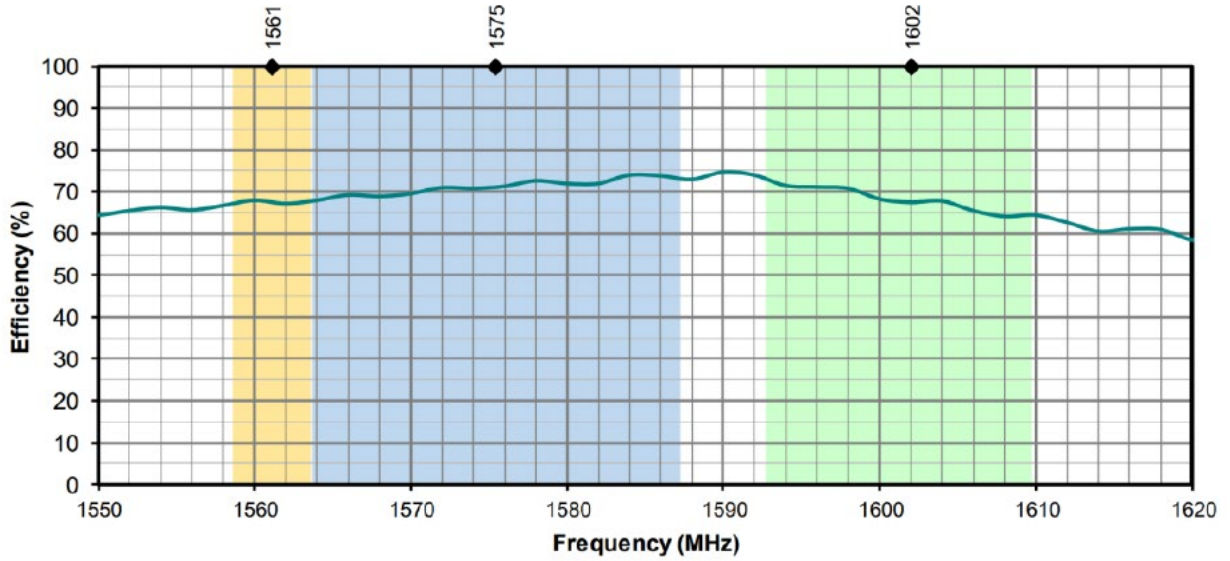


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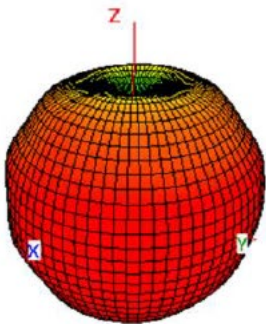
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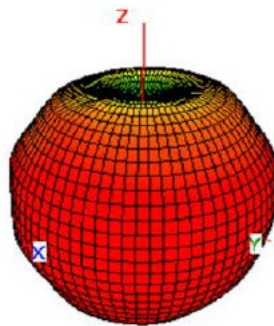
Efficiency



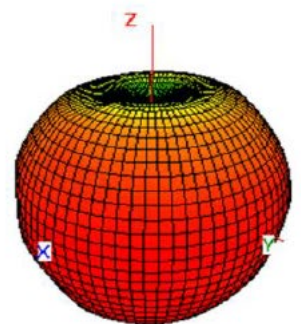
Radiation Patterns



1561MHz



1575.42MHz



1602MHz