L1 & L5 GPS Active High Precision Patch Antenna







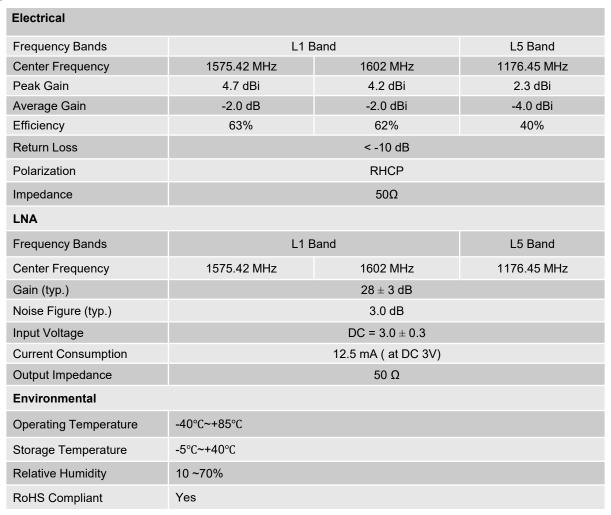
Features

- Supporting: L1+L5 GPS
- · Stable and reliable in performances
- · Low temperature coefficient of frequency
- RoHS & REACH Compliant

Applications

- Navigation systems or position tracking systems
- Car Navigation
- · Security Surveillance

Specifications





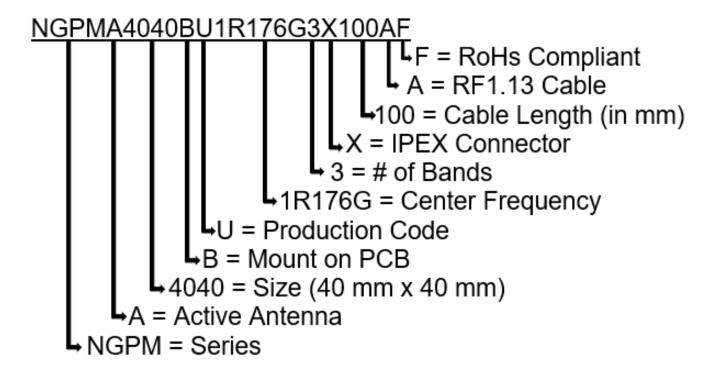








Part Number Breakdown



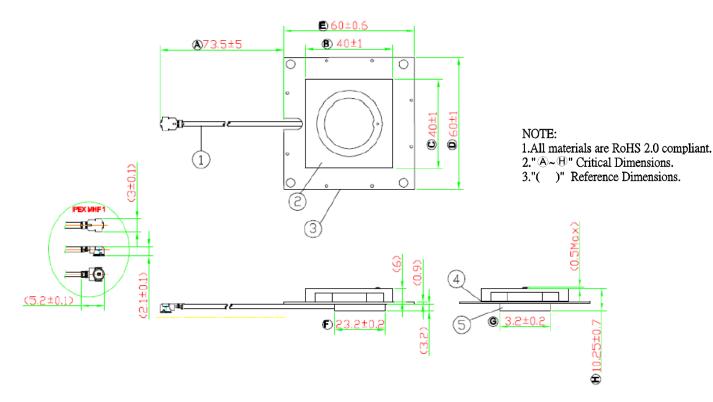
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Dimension Drawing



Dimensions (mm) & Mechanical

Body Length	40 ± 1
Width	40 ± 1
Height	10.25 ±0.7
Cable Length	100 ± 5
Cable (4)	RF1.13
Connector	IPEX
PCB (3)	60±0.6 x 60 ±1
Material (2)	Ceramic
Mounting Method	Adhesive

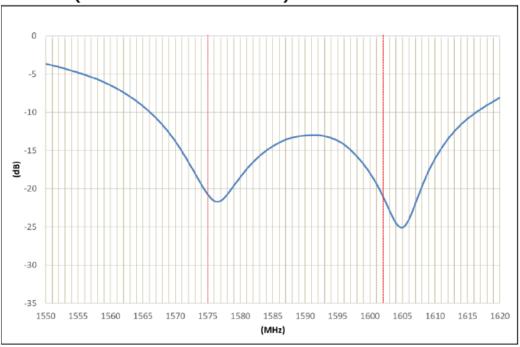


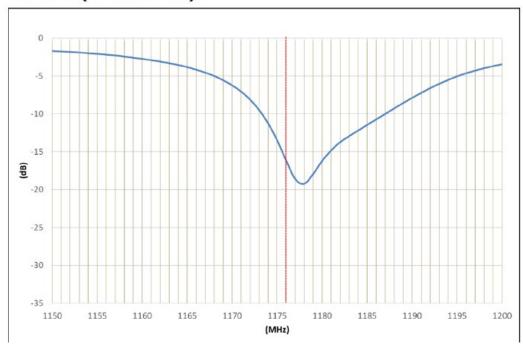




Return loss (dB)

L1 Band (1575.42 MHz & 1602 MHz)





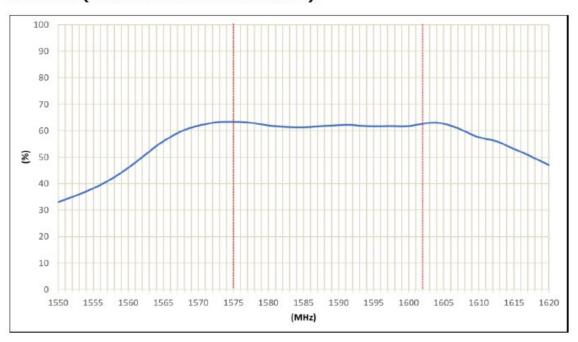


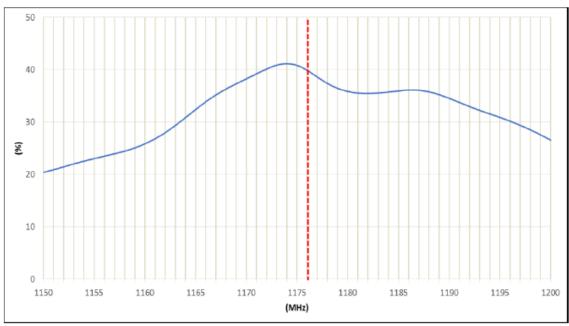




Efficiency (%)

L1 Band (1575.42 MHz & 1602 MHz)





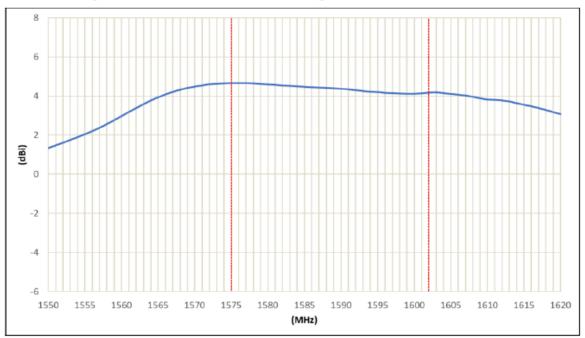


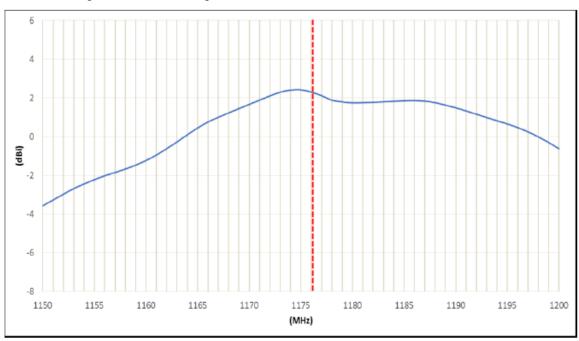




Peak Gain (dBi)

L1 Band (1575.42 MHz & 1602 MHz)





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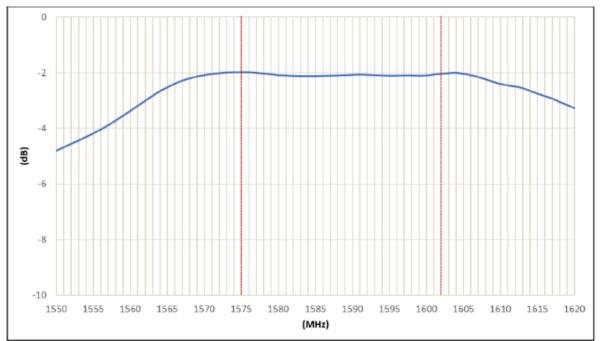


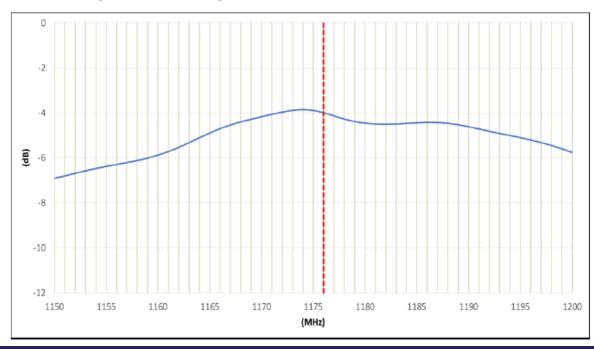




Average Gain (dB)

L1 Band (1575.42 MHz & 1602 MHz)





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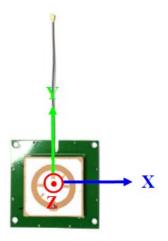


Antenna Radiation Pattern Measurement:

The antenna radiation patterns are measured in a 3D Anechoic Chamber. The measurement setup is as show below.



3D Radiation Patterns

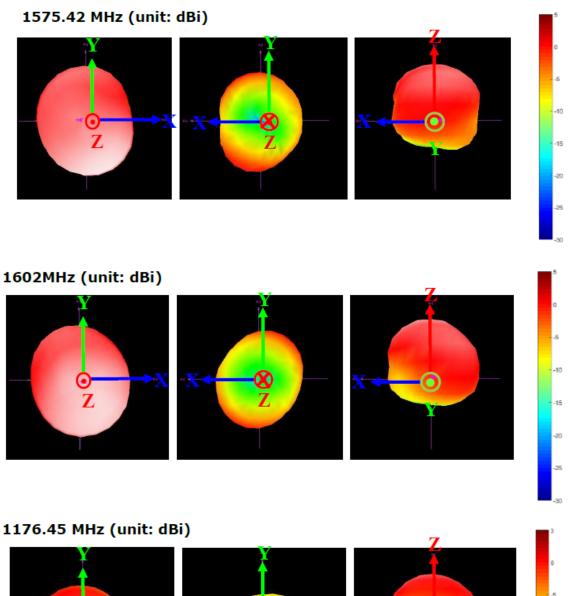


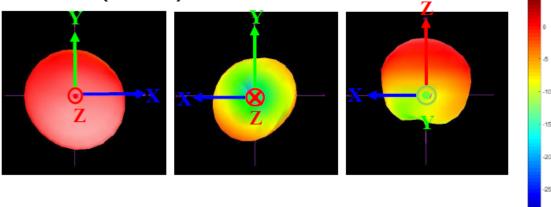






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Packing

(1) Unit Weight: 22.5 ± 1 (g)

(2) Quantity: Each PE = 5 pcs

Each Outer Carton = 500 pcs





Carton Dimensions:

