

**FEATURES**

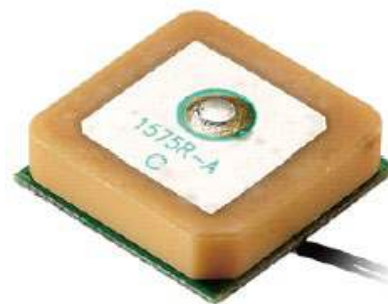
- Internal Active Antenna
- Single Band Frequency
- RoHS Compliant

**APPLICATION**

- Tracking
- Fleet Management

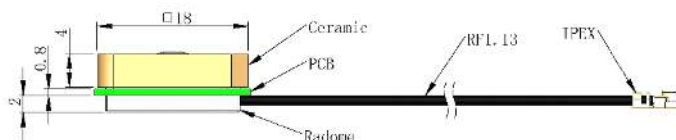
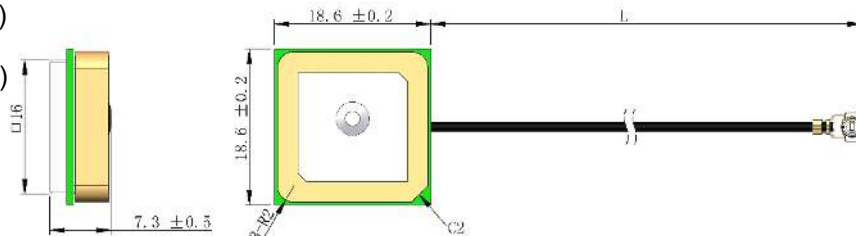
**SPECIFICATIONS**

<b>Electrical</b>	
Frequency Range	1575.42 ± 3 MHz
Bandwidth	CF ± 5 MHz
Polarization	RHCP
Gain	1 dBic (Zenith)
V.S.W.R	<1.5
Impedance	50Ω
<b>LNA</b>	
Gain	28 ± 2dB
Noise Figure	<2
Ex-Band Attenuation	30 dB @ CF ± 40MHz
Supply Voltage	3 ~ 5 VDC
Current Consumption	5 - 10mA
V.S.W.R.	<2.0 (min)
<b>Dimensions (mm):</b>	
Length	18.6 ± 0.2
Width	18.6 ± 0.2
Height	7.3 ± 0.5
Cable Length (L)	100
Connection Type	IPEX
Cable	RF1.13



**RoHS Compliant**  
includes all homogeneous materials  
(see part numbering system for details)

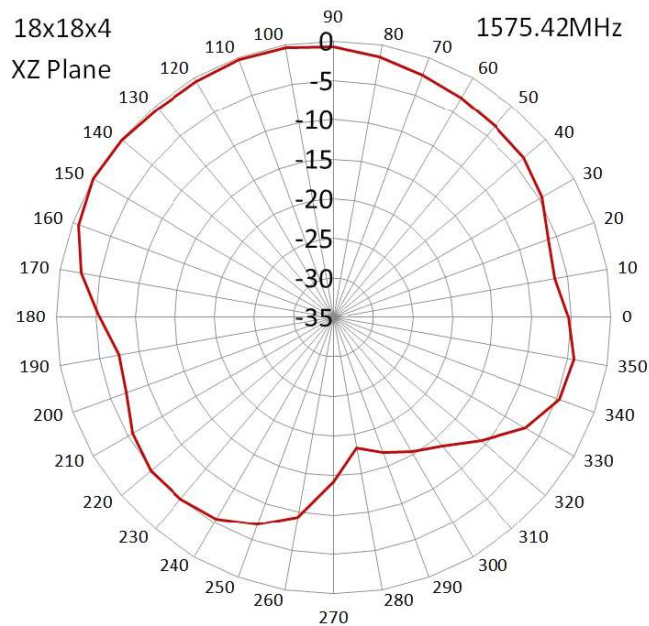
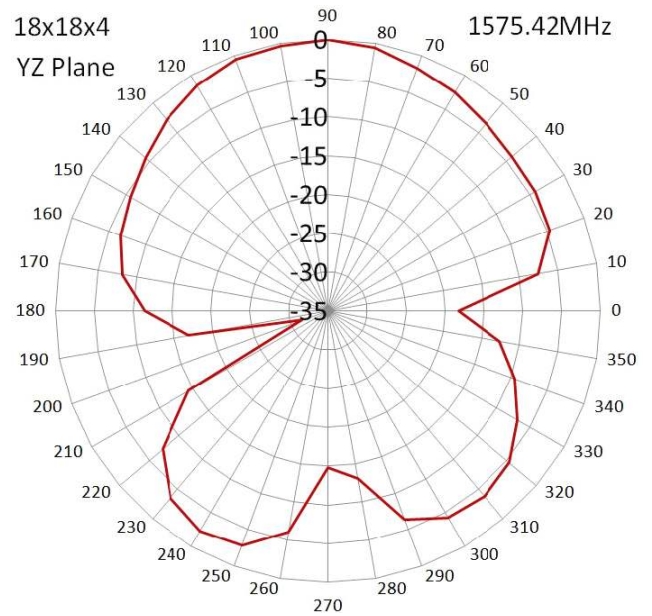
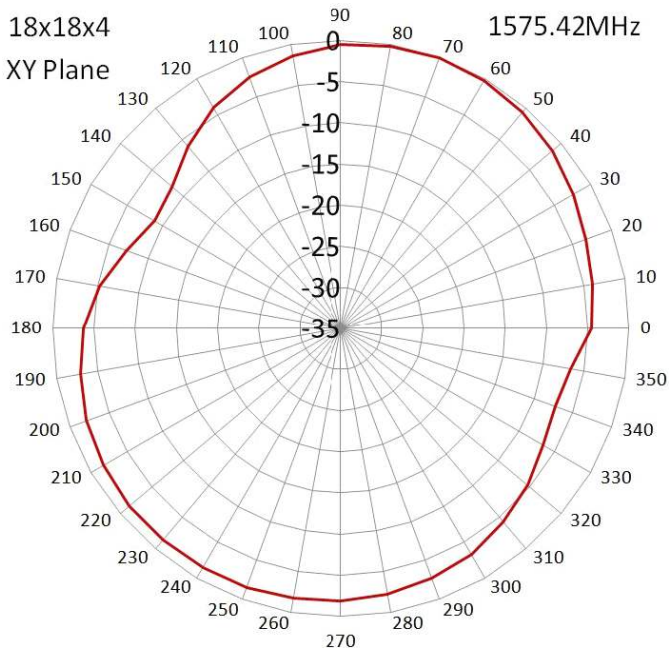
NAN-H A 18x18 B1 A X A F  
 F = RoHS compliant  
 A = RF1.13 Cable  
 X = IPEX connector  
 A = REV 1 (See Page 3)  
 B1 = 1 Frequency Band  
 18x18 = Size (18.6 mm x 18.6 mm)  
 A = Active Antenna  
 NAN-H = Series



UNIT: mm

Environmental	
Operating Temperature	-40°C~+85°C
Relative Humidity	Up to 75%
Vibration	10 ~ 55Hz 1.5mm Amplitude 2 Hours
RoHS Compliant	Yes

**RADIATION PATTERN**



**Revision History and Status**

Revision	Date Issued	Details	Status
<b>A</b>	Dec 4 <sup>th</sup> , 2020	Initial Release	Supported

- NIC Technical Support: [tpmg@niccomp.com](mailto:tpmg@niccomp.com)
- Compliance Support: [rohs@niccomp.com](mailto:rohs@niccomp.com)