

FEATURES

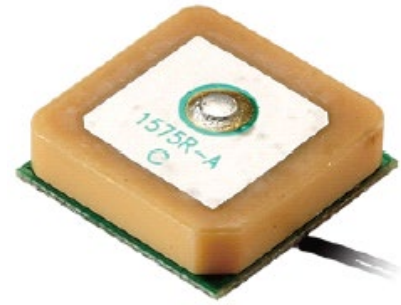
- Internal Active Antenna
- Single Band Frequency
- RoHS Compliant

APPLICATION

- Tracking
- Fleet Management

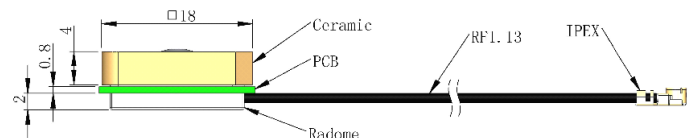
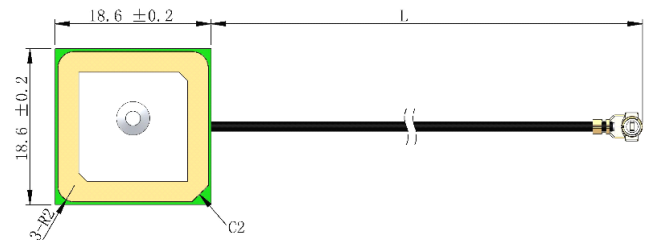
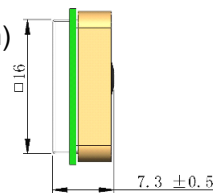
SPECIFICATIONS

Electrical	
Frequency Range	1575.42 ± 3 MHz
Bandwidth	CF ± 5 MHz
Polarization	RHCP
Gain	1 dBic (Zenith)
V.S.W.R	<1.5
Impedance	50Ω
LNA	
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)
Dimensions (mm):	
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)

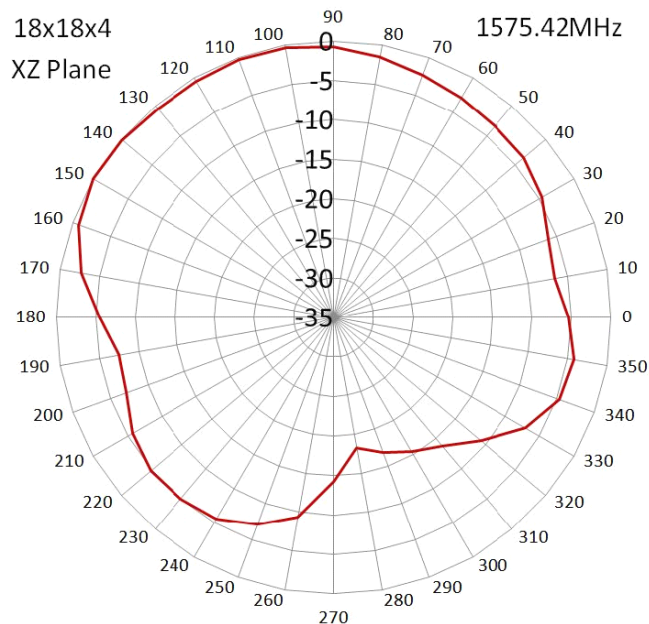
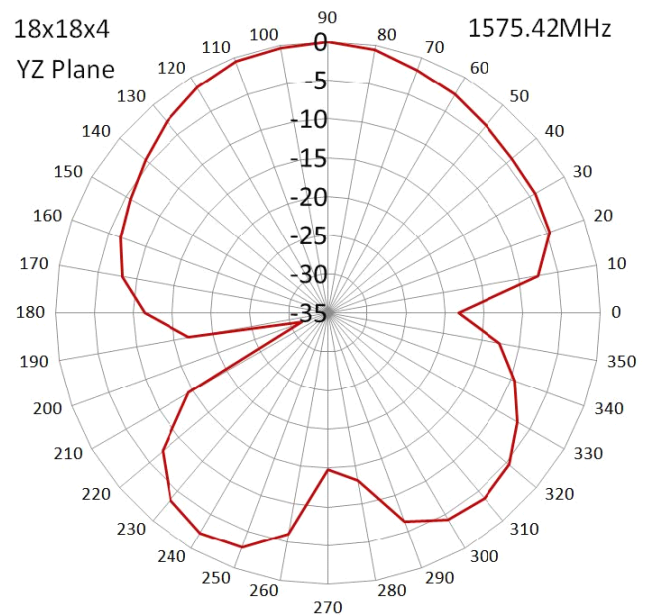
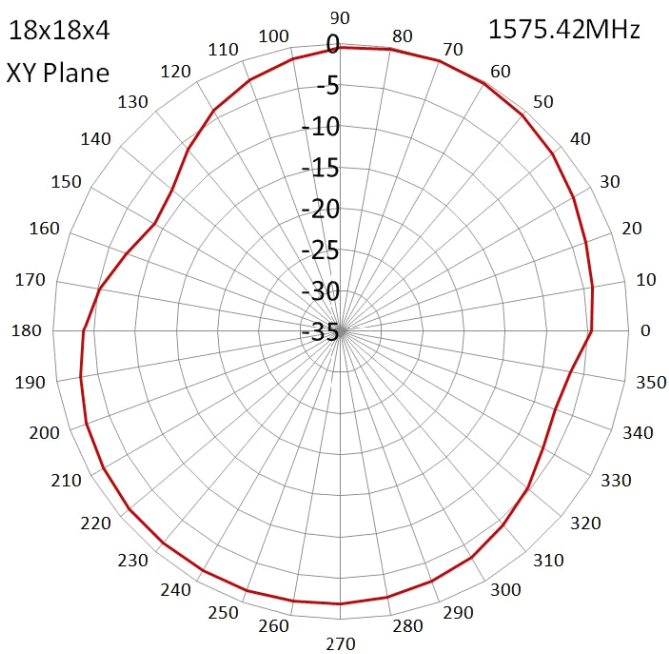
NAN-H A 18x18 B1 A X A F
 F = RoHS compliant
 A = RF1.13 Cable
 X = IPEX connector
 A = REV 1 (See Page 3)
 B1 = 1 Frequency Band
 18x18 = Size (18.6 mm x 18.6 mm)
 A = Active Antenna
 NAN-H = Series



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
A	Dec 4 th , 2020	Initial Release	Supported

- NIC Technical Support: tpmg@niccomp.com
- Compliance Support: rohs@niccomp.com