



CHINMORE INDUSTRY CO.,LTD

Specification

- 1.Screw Mount Antenna for GNSS
 - 2.R56 series Antenna with connector TNC F
 - 3.Frequency: 1575.42 MHz
 - 4.Gain: 30dBi
 - 5.Connector: TNC F
 - 6.V.S.W.R.: 2.0:1
- ✧RoHS Compliant*
- ✧Waterproof IP67 Rated*



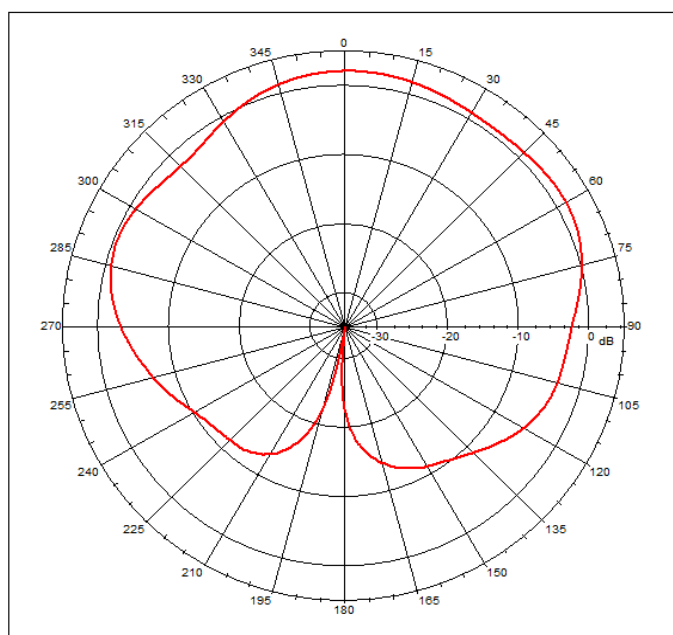
Patch

Characteristics	Specification
Center Frequency	1575.42±1.023 MHz (when covered with a radome and measured by LNA ground plane)
Bandwidth(10dB return loss)	10 MHz min
Gain at Zenith	1 dBic typ
Gain at 10° elevation	- 5 dBic typ
Polarization	R.H.C.P
Axial Ratio	1.0 dB typ

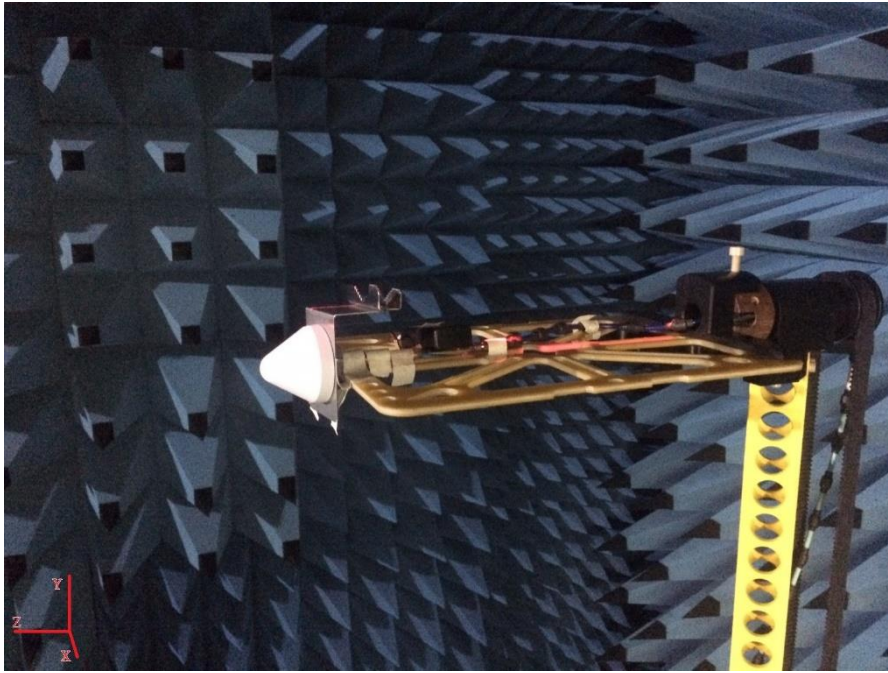
LNA

Characteristics	Specification
Center Frequency	1575.42 ±1.023 MHz
Gain	30~37dB (ps:3v / 32dB)
Noise Figure	1.5 dB typ (ps: 3v / 1.5dB)
Filer Out band attenuation	Dielectric filter 7dB min fo±20MHz 20dB min fo±50MHz 30dB min fo±100MHz (fo=1575.42MHz)
Output V.S.W.R	2.0 max
Voltage	DC = 2.5~5.5V
Current	DC = 8~23mA (ps: 3v / 10mA)

Radiation Pattern (without LNA)

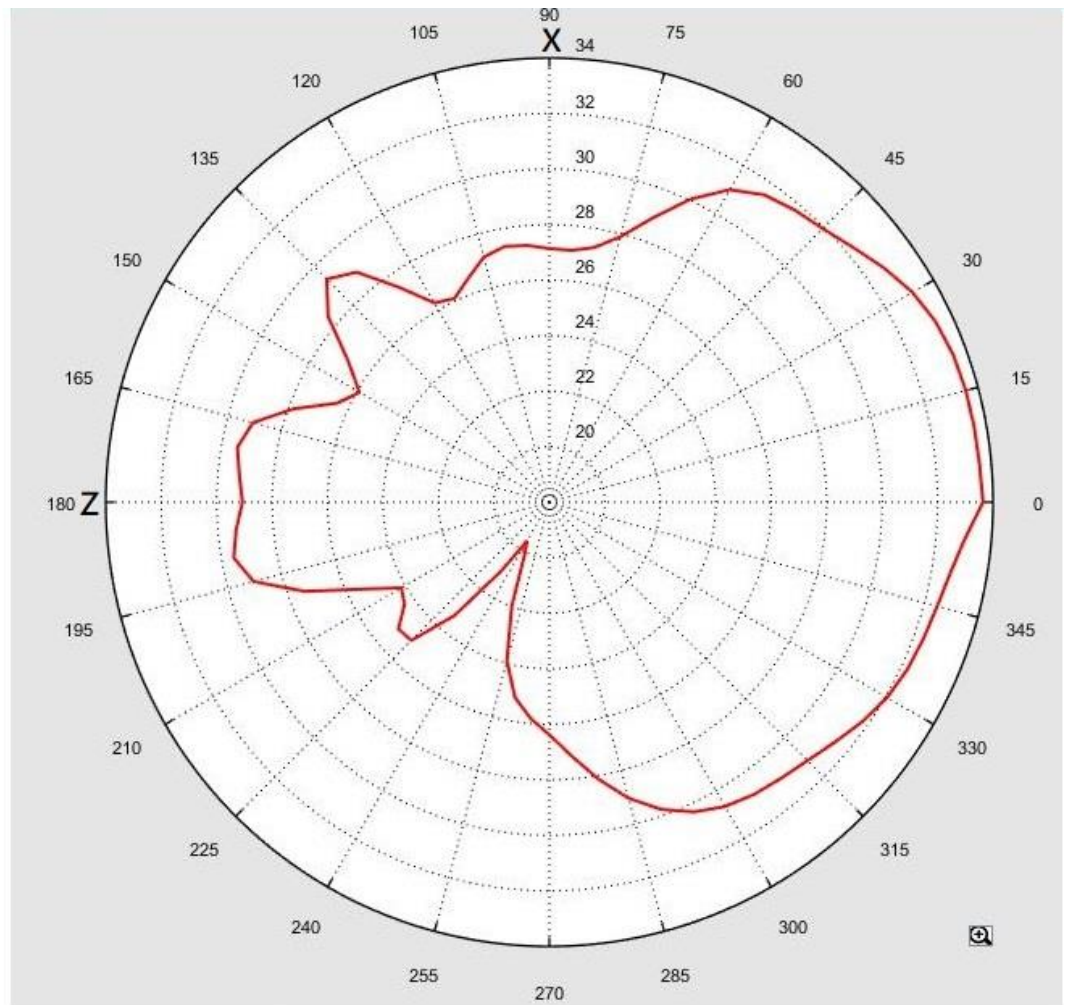


3D Test Photo

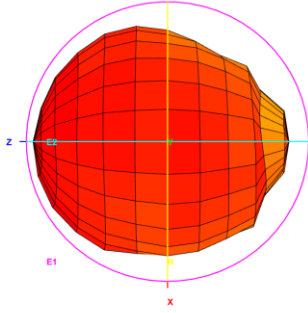


3D Test Data

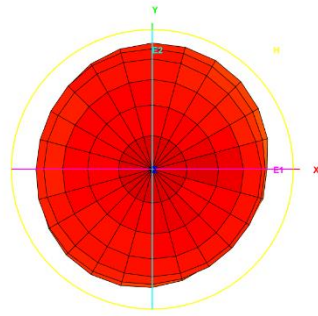
Freq. / Chan.	Color
1.57542GHz	Red



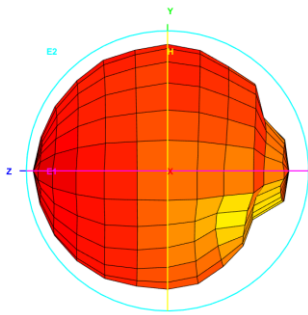
Total_3D_Top View_1.57542GHz



Total_3D_Front View_1.57542GHz



Total_3D_Left View_1.57542GHz



Total_3D_Side View 1_1.57542GHz

