

# GNSS ANTENNA

## A-GA-A3032

### Specifications

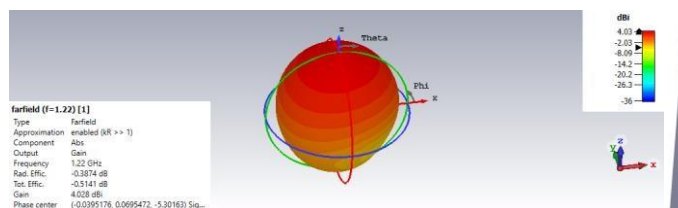
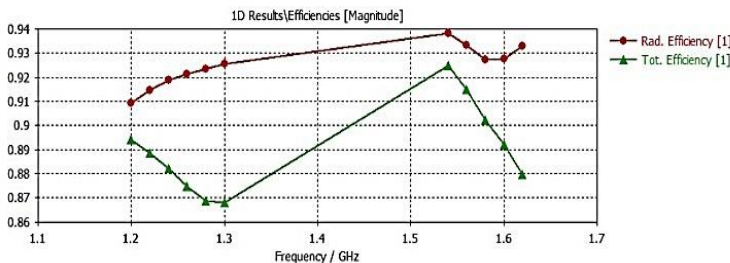
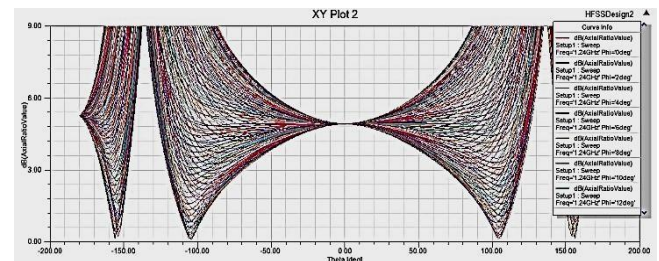
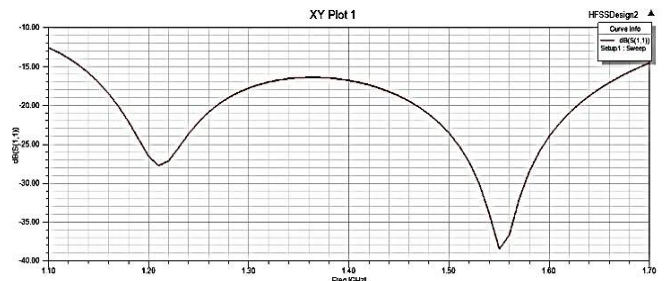
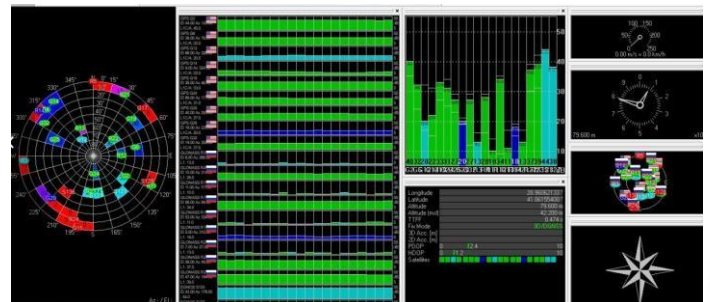
- Multi GNSS Antenna
- Sub-centimeter phase center repeatability
- Low voltage, low power consumption
- Low noise, high gain amplifier
- L1 GPS/Galileo/GLONASS/BeiDou
  - GPS: L1
  - GLONASS: L1
  - Galileo: E1
  - BeiDou: B1
  - SBAS: WAAS, EGNOS, QZSS, Gagan, MSAS



A-GA-A3032 Antenna

### ELECTRICAL CHARACTERISTICS

- Frequencies 1575.42 ± 10 MHz  
1602-1615 MHz
- Signal gain 40 dB typical
- Voltage 4 V DC to 16 V DC
- Polarization RHCP
- Axial Ratio ≤3 dB @ boresight
- Amplifier Noise Figure: 3.5 dB typical
- Impedance 50 Ohms
- VSWR ≤ 2.0:1



farfield (F=1.22) [1]  
 Type Farfield  
 Approximation enabled (R >> 1)  
 Component Abs  
 Output Gain  
 Frequency 1.22 GHz  
 Rad. Effic. -0.3874 dB  
 Tot. Effic. -0.5141 dB  
 Gain 4.03 dB  
 Phase center (-0.0395176, 0.0695472, -5.30163) Sg...