

GNSS ANTENNA

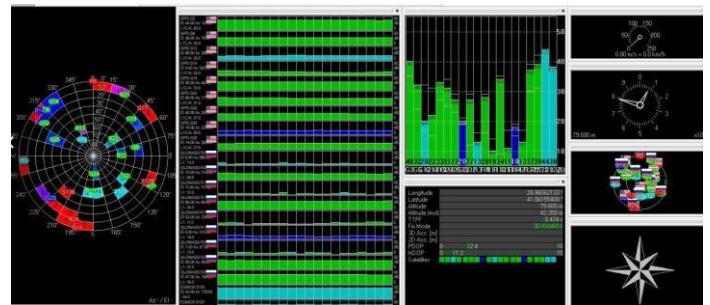
A-GA-A3033

Specification

- Support for GPS L1, GLONASS L1, GPS L2 and GLONASS L2
- Sub-centimeter phase center repeatability
- L1 Band GNSS Frequency tracking Including:
 - GPS: L1
 - GLONASS: L1
 - Galileo: E1
 - BeiDou: B1
 - SBAS: WAAS, EGNOS, QZSS, Gagan, MSAS
- L2 Band GNSS Frequency tracking Including:
 - GPS: L2
 - GLONASS: L2
- TNCF female signal connector
- Low voltage, low power consumption
- Integral low noise amplifier
- 4 recessed bulkhead mounting holes

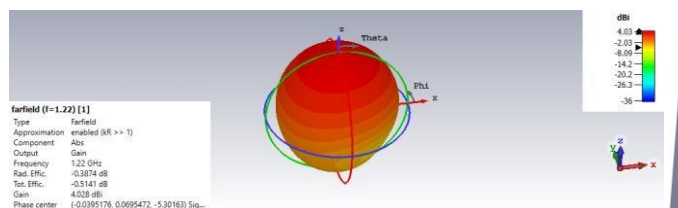
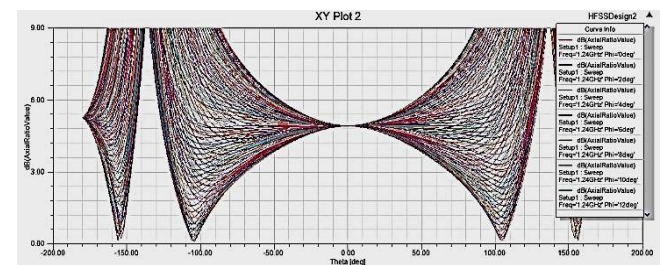
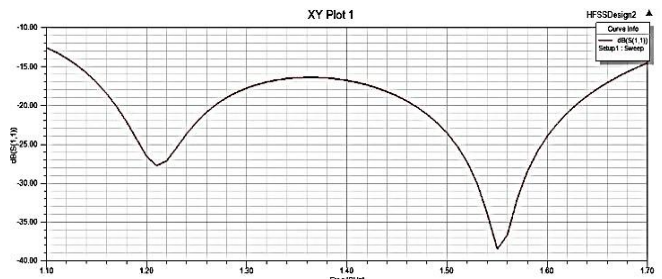
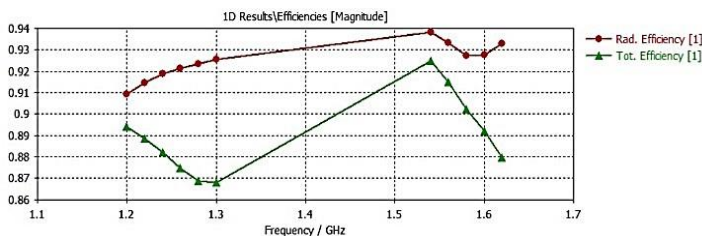


A-GA-A3033 Antenna



ELECTRICAL CHARACTERISTICS

- Frequencies 1565-1607 MHz
1217-1260 MHz
- Signal gain 43 dB
- Voltage 5 V DC to 12 V DC
- Polarization RHCP
- Axial Ratio ≤ 3 dB @ boresight
- Amplifier Noise Figure : 2.5 dBMax
- Impedance 50 Ohms
- VSWR $\leq 2.0:1$



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) Sig...