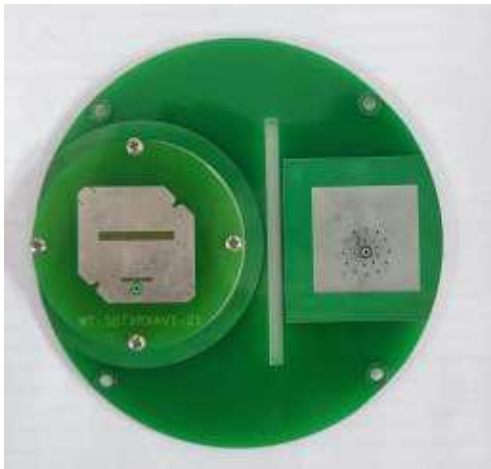




SATCOM – S band Antenna Model No. XT-SBTXRXAV1-21



For more details contact
+91 9500042618



The Compact S-band Antenna operates from 2560 to 2690 MHz frequency band which covers SATCOM TX/Rx bands. The wide beamwidth with good roll-off characteristics supports broader lower angle beam coverage. This antenna is placed on a 1.6 mm PCB substrate and a square dual-band antenna for IRNSS L5 and GPS L1 band can be mounted near the S-band antenna as shown.

Technical Specifications:

Electrical Specifications:

- Frequencies : 2560 to 2690 MHz
- Radiation Pattern : Hemispherical
- Polarization : RHCP
- Antenna Gain : ≥ 4 dB
- Axial Ratio : < 3 dB
- Gain @ ± 45 deg : ≥ 2.5 dBic
- Impedance : 50 ohm
- VSWR : 1.4:1

Mechanical Specifications:

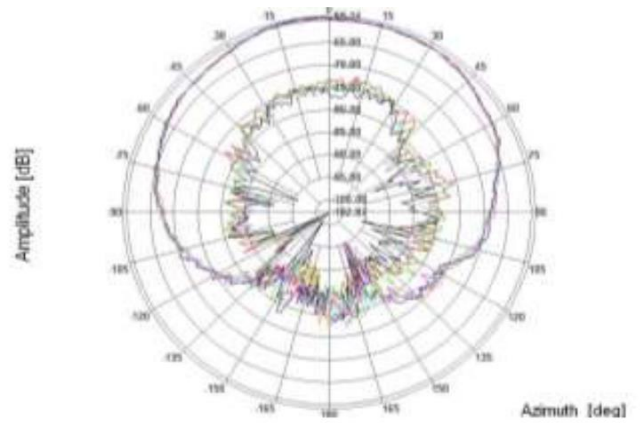
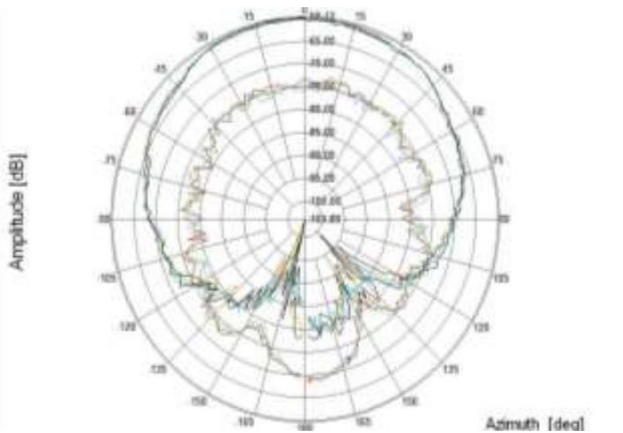
- Operating Temperature : -40° to 85° C
- Mounting PCB (DxH) : 100 mm x 1.6 mm
- Weight : < 0.2 KG
- Connector : SMA/U.FL cable
- Operating Temperature : -40° to 85° C
- Mounting : Screw Mounting
- Mounting Option : IRNSS L5/GPS L1 ceramic patch antenna (25x25mm)



Radiation Pattern (Measured) Model No. XT-SBTRXAV1-21



Receiver Band: 2560 to 2590 MHz



Transmitter Band: 2670 to 2690 MHz

