



AMBIMAT ELECTRONICS

Regd. Office : Ambimat Electronics, 1005-1006, Shivalik Shilp 2, Opp. ITC Narmada Hotel, Near Mansi Circle, Vastrapur, Ahmedabad 380015

Works : B/H St Xavier's School, Nr. Central Automobiles, Mirzapur Road, Ahmedabad - 380001.
Tel : (079)25501989 Website: www.ambimat.com Email : durgesh@ambimat.com

AE_SSNR_035

The screenshot displays the GNSS Viewer software interface. The main window is titled "GNSS Viewer Customer Release V2.1.155 for Phoenix". The interface is divided into several sections:

- Message (DGPS mode):** Shows raw GNSS data including \$GPGSV, \$GPRMC, \$GNVTG, \$GNZDA, and \$PSTL.
- Response:** Displays the message "New device COM7 arrived".
- COORDINATE:** Shows WGS84 coordinates for East, North, and UTM (Zone 48Q).
- Command:** Includes buttons for Hot Start, Warm Start, Cold Start(R), No Output, NMEA0183, Binary, Scan All, Scan Port, and Scan Baud.
- Information:** Displays RTK data including TTFF (24), Date (2024/07/27), Time (06:29:13), Boot Status, SW Version, SW Revision, Longitude (72°33'12.24600" E), Latitude (23°49'32.520" N), Ellipsoidal H (31.00), Direction (0.00), Speed (0.00), and HDOP (0.70).
- RTK Info:** Shows satellite status for GPS, GLO, NAVIC, BDS, and GAL. A bar chart displays signal-to-noise ratio (SSNR) for various satellites.
- Earth View:** A globe showing the location of the receiver and the positions of the tracked satellites.
- Scatter View:** A 2D scatter plot showing the distribution of points. The point count is 42 / 300. The plot includes axes for North (N) and East (E), and a scale of 1m.
- Download:** Shows the download rate (460800) and Master CRC (B58E). The file path is C:\Users\admin\Desktop\STL_03.00.01-01.07.32_Phoenix_GPS_Navic_combo_T_CRC_B58E_115200_20200729.bin.

GSTIN: 24AAHFA5064D1ZV

Design, Development, Fabrication & Installation of Custom Built Electronic Equipment as per Specification, Engineering Services & Manufacturers of Microprocessor based Electronic Equipment.



AMBIMAT ELECTRONICS

Regd.Office : Ambimat Electronics, 1005-1006, Shivalik Shilp 2, Opp.ITC Narmada Hotel, Near Mansi Circle, Vastrapur, Ahmedabad 380015

Works : B/H St Xavier's School, Nr. Central Automobiles, Mirzapur Road, Ahmedabad - 380001.
Tel : (079)25501989 Website:www.ambimat.com Email : durgesh@ambimat.com

AE_SSNR_035

The screenshot displays the GNSS Viewer software interface. The main window is titled "GNSS Viewer Customer Release V2.1.155 for Phoenix". The interface is divided into several sections:

- Message:** Shows RTK data including coordinates (Longitude: 72°33'12.22380" E, Latitude: 23°49'32640" N), altitude (44.50), direction (4.40), speed (0.00), and HDOP (0.90).
- RTK Info:** Displays system information such as TTFF (0), Date (2024/07/27), Time (06:30:20), Boot Status, SW Version, and SW Revision.
- Satellite Status:** A bar chart shows the signal-to-noise ratio (SSNR) for various satellites. The legend includes GPS (blue), GLO (green), NAVIC (purple), BDS (orange), and GAL (light green). The chart shows 11 satellites with SSNR values ranging from 18 to 44.
- Earth View:** A 3D globe showing the current location and satellite positions. A compass rose indicates North (N), South (S), East (E), and West (W).
- Scatter View:** A 2D scatter plot showing the distribution of satellite signals. The point count is 79/300. The plot includes a scale (1m), coordinate system (ENU), and 2D RMS (2.0720 m).
- COORDINATE:** A table showing the current coordinates in UTM (WGS84_X, WGS84_Y, WGS84_Z) and UTM Zone (EAST, NORTH, UTM).
- Command:** A section for sending commands to the device, including Hot Start, Warm Start, Cold Start(R), No Output, NMEA0183, Binary, Scan All, Scan Port, and Scan Baud.

GSTIN: 24AAHFA5064D1ZV

Design, Development, Fabrication & Installation of Custom Built Electronic Equipment as per Specification, Engineering Services & Manufacturers of Microprocessor based Electronic Equipment.