



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_042

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 station IDs (e.g., SGNZDA, SPSTL, SONGGA, SONGLL, SONGSA, SGNRMC, SGNVTG) and their respective coordinates and timestamps.
- Response:** Displays the message "New device COM7 arrived".
- COORDINATE:** Shows WGS84 coordinates (X, Y, Z) and Easting, Northing, and UTM values.
- Command:** Includes buttons for "Hot Start", "Warm Start", "Cold Start(R)", "No Output", "NMEA0183", "Binary", "Scan All", "Scan Port", and "Scan Baud".
- Information / RTK Info:** Displays RTK status (TTFF: 40), Date (2024/07/27), Time (07:29:18), Boot Status, SW Version, SW Revision, Longitude (72°33'12.24840" E), Latitude (23°49.32400" N), Ellipsoidal H (27.00), Direction (0.00), Speed (0.00), and HDOP (0.90).
- Satellite Status:** A bar chart showing 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 dB-Hz.
- Earth View:** A 3D globe showing the positions of the tracked satellites (numbered 1-11) over the Indian subcontinent.
- Scatter View:** A 2D scatter plot showing the distribution of points in a local coordinate system (W, E, N, S). The point count is 202 / 300. The plot includes axes for West/East and North/South, 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_042

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:

- Information:** Shows RTK Info and RTK Info2. Key data includes:

TTFB	Date	Time	Boot Status	SW Version	SW Revision
0	2024/07/27	07:31:04			

Location data: Longitude 72°33'12.28860" E, Latitude 23°49'22500" N, Ellipsoidal H 54.50, Direction 348.40, Speed 0.00, HDOP 0.90.
- 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 43 dB-Hz.
- Message/Response:** The Message pane shows "Position fix 2D" and the Response pane shows "New device COM7 arrived" and "Configure navigation mode successfully".
- COORDINATE:** A table displays WGS84 and EAS7 coordinates:

WGS84_X	EAS7
1760270.735	1.793
WGS84_Y	NORTH
5601067.147	-2.935
WGS84_Z	UP
2463796.154	-2.000
- Earth View:** A 3D globe showing the satellite constellation over the Indian subcontinent. A compass rose indicates North (N), South (S), East (E), and West (W).
- Scatter View:** A 2D scatter plot showing the distribution of points. The point count is 275 / 300. The plot includes axes for North (N) and East (E) in meters. The 2D RMS is 5.5746 m and the CEP50% is 4.2434 m.
- Download:** Shows a download rate of 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.