



AMBIMAT ELECTRONICS

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AE_SSNR_013

The screenshot displays the GNSS Viewer interface with the following sections:

- Message (DGPS mode):** Shows raw NMEA data including \$GNGGA, \$GNGLL, \$GNGDA, \$GPRMC, \$GNVTG, \$GNZDA, and \$PSTL.
- Information:** Displays RTK status (TTFF: 16), Date (2024/07/27), Time (05:24:26), Boot Status, SW Version, and SW Revision.
- RTK Info:** Shows Longitude (72°33'12.26880" E), Latitude (23°49'24.480" N), Ellipsoidal H (54.70), Direction (0.00), Speed (0.00), and HDOP (0.80).
- Satellite Signal Strength:** A bar chart showing signal strength for GPS, GLO, NAVIC, BDS, and GAL satellites. The chart includes a legend for 1L1 C/A and 4S-RS.
- Earth View:** A globe showing satellite positions over the Indian subcontinent. A compass rose indicates North (N), South (S), East (E), and West (W).
- Scatter View:** A 2D plot showing point distribution. The point count is 55 / 300. The plot includes axes for North (N) and East (E) in meters (m).
- COORDINATE:** Displays WGS84 coordinates: X (1760271.256), Y (5601066.925), Z (2483796.792), East (4.731), North (-11.647), and Up (-5.000).
- Command:** Includes buttons for Hot Start, Warm Start, Cold Start(R), No Output, NMEA0183, Binary, Scan All, Scan Port, and Scan Baud.
- Download:** Shows a file path: C:\Users\admin\Desktop\1STL_03.00.01-01.07.32_Phoenix_GPS_Navic_combo_T_CRC_B50E_115200_20200729.bin. The Master CRC is B50E and CS is 9E(158).

GSTIN: 24AAHFA5064D1ZV

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



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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:** Displays RTK Info and RTK Info2. Key data includes:

TTFB	Date	Time	Boot Status	SW Version	SW Revision
0	2024/07/27	05:25:31			

Location data: Longitude 72°33'12.14520" E, Latitude 23°49'35.100" N, Ellipsoidal H 56.40, Direction 175.90, Speed 0.00, HDOP 1.00.
- Signal Strength:** A bar chart showing signal strength for various satellites. The legend includes GPS (blue), GLO (green), NAVIC (purple), BDS (orange), and GAL (light green). The chart shows signal strength for satellites 1 through 31.
- Message/Response:** A log of messages and responses. The response section shows successful configuration of RTK message interval, RTT interval, serial port, and navigation mode.
- COORDINATE:** A table showing WGS84 coordinates:

WGS84_X	EAST
1760273.443	2.152
WGS84_Y	NORTH
5601065.204	-6.977
WGS84_Z	UP
2463001.481	-4.600
- Earth View:** A 3D globe showing the current location with a compass rose. A legend indicates that GPS, Glonass, BeiDou, Galileo, and NAVIC are all checked.
- Scatter View:** A 2D scatter plot showing the distribution of points. The point count is 89 / 300. The plot includes a scale of 1m, coordinate system (ENU), 2D RMS of 1.3497 m, and CEP50% of 1.0287 m.
- Command:** A section with buttons for Hot Start, Warm Start, Cold Start(R), No Output, NMEA0183, Binary, Scan All, Scan Port, and Scan Baud.
- Download:** A section showing the download rate (460800) and Master CRC (B58E). The file path is C:\Users\admin\Desktop\ST1_03.00.01-01.07.32_Phoenix_GPS_Navic_combo_T_CRC_B58E_115200_20200729.bin.

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