



AMBIMAT ELECTRONICS

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AE_SSNR_033

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 coordinates and satellite IDs.
- Response:** Displays the message "New device COM7 arrived".
- COORDINATE:** Shows WGS84 coordinates for Easting (1760263.778), Northing (5601042.904), and UTM Zone (2483790.531).
- Information:** Displays RTK data including TTFF (22), Date (2024/07/27), Time (06:20:35), Boot Status, SW Version, SW Revision, Longitude (72°33'12.26640" E), Latitude (23°49'37800" N), Ellipsoidal H (29.10), Direction (0.00), Speed (0.00), and HDOP (0.90).
- Satellite Status:** A bar chart showing the status of various satellites (GPS, GLO, NAVIC, BDS, GAL) with their respective signal-to-noise ratios (SSNR) and lock status.
- Earth View:** A 3D globe showing the current location and satellite positions.
- Scatter View:** A 2D plot showing the distribution of points (78/300) with a scale of 1m and a 2D RMS of 0.1011m.
- Download:** Shows the current file path and CRC information.

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 interface with the following sections:

- Message:** Shows RTK data including SGNRGA, SGNRMC, and SGNRGA messages with coordinates and timestamps.
- Response:** Lists configuration messages such as "Configure NMEA Message Interval success" and "Configure navigation mode successfully".
- COORDINATE:** Provides WGS84 and EAS7 coordinates for X, Y, and Z axes.
- 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 real-time data: TTFF: 0, Date: 2024/07/27, Time: 06:21:57, Boot Status, SW Version, SW Revision, Longitude: 72°33'12.22620" E, Latitude: 23°49'39.960" N, Ellipsoidal H: 29.00, Direction: 219.30, Speed: 0.00, HDOP: 1.00.
- Signal Strength Graphs:** Shows bar charts for GPS, GLO, NAVIC, BDS, and GAL signals. The GPS signal is the most prominent, with a 4S-RS indicator.
- Earth View:** A globe showing the current location with a compass rose and coordinate axes.
- Scatter View:** A 2D plot of points with a point count of 130/300. It includes a scale of 1m, coordinate system (ENU), 2D RMS of 1.2199m, and CEP50% of 1.0111m.
- Download:** Shows a file path: C:\Users\admin\Desktop\1STI_03.00.01-01.07.32_Phoenix_GPS_Navic_combo_T_CRC_B50E_115200_20200729.bin with a Master CRC of B50E and CS: 9E(158).

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