



AMBIMAT ELECTRONICS

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AE_SSNR_034

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 a stream of RTK data messages including \$GPGSV, \$GPRMC, \$GNRMC, \$GNVTG, \$GNZDA, and \$PSTL.
- Information:** Displays RTK status including TTFF (29), Date (2024/07/27), Time (06:24:19), Boot Status, SW Version, and SW Revision.
- RTK Info:** Shows coordinates: Longitude (72°33'12.24540" E), Latitude (23°49'35.760" N), Ellipsoidal H (27.60), Direction (0.00), Speed (0.00), and HDOP (0.90).
- Satellite Status:** A bar chart shows the status of various satellites. GPS satellites are shown in blue, GLO in green, and NAVIC in purple. The chart indicates that several GPS satellites are tracked and one is locked.
- Earth View:** A 3D globe showing the current location in India, with a compass rose and a coordinate grid.
- Scatter View:** A 2D scatter plot showing the distribution of points. The plot includes a scale of 1m, coordinate system (ENU), and 2D RMS values (0.2740 m and 0.2277 m).
- Download:** A section for saving data, showing a file name "460800" and a Master CRC of "B58E".

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

TTFB	Date	Time	Boot Status	SW Version	SW Revision
0	2024/07/27	06:25:37			

Location data: Longitude 72°33'12.27900" E, Latitude 23°49'41.8200" N, Ellipsoidal H 30.00, Direction 174.20, Speed 0.00, HDOP 1.10.
- Satellite Status:** A bar chart shows the status of various satellites. Legend includes GPS (blue), GLO (green), NAVIC (purple), BDS (orange), and GAL (light green). The chart shows 11 GPS satellites, 1 GLO satellite, and 1 NAVIC satellite.
- Message/Response:** Shows communication logs. Recent messages include "Position fix 3D" and "Configure RTK Message Interval success".
- COORDINATE:** Displays WGS84 coordinates:

WGS84_X	EAST
1760263.539	0.154
WGS84_Y	NORTH
5601043.339	1.218
WGS84_Z	UP
2483792.022	-28.600
- Earth View:** A 3D globe showing the current location with a compass rose. A legend indicates checked boxes for GPS, Glonass, BeiDou, Galileo, and NAVIC.
- Scatter View:** A 2D scatter plot showing point distribution. Point count: 136 / 300. Scale: 1m. COOR: ENU. 2D RMS: 2.2753 m. CEP-50%: 1.5912 m.
- Command:** Buttons for Hot Start, Warm Start, Cold Start(R), No Output, NMEA0183, Binary, Scan All, Scan Port, Scan Baud.
- Download:** Shows file path: C:\Users\admin\Desktop\STL_03.00.01-01.07.32_Phoenix_GPS_Navic_combo_T_CRC_B50E_115200_20200729.bin. Parameters: 460800, Master CRC: B50E, CS: 9E(158).

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