



AMBIMAT ELECTRONICS

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AE_SSNR_041

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 system parameters.
- Response:** Displays the message "New device COM7 arrived".
- COORDINATE:** Shows 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:** Displays RTK Info and RTK Info2. Key data includes:
 - TTFB: 28
 - Date: 2024/07/27
 - Time: 08:54:45
 - Boot Status: [Empty]
 - SW Version: [Empty]
 - SW Revision: [Empty]
 - Longitude: 72°33'12.22260" E
 - Latitude: 23°49.45060" N
 - Ellipsoidal H: 24.90
 - Direction: 89.60
 - Speed: 0.00
 - HDOP: 0.70
- Satellite Status:** A bar chart showing the status of various satellites (GPS, GLO, NAVIC, BDS, GAL) with their respective signal strengths 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 in a coordinate system. The plot includes a scale of 1m, coordinate system (ENU), and 2D RMS of 0.5187m.
- Download:** Shows the current baud rate (460800) and Master CRC (B50E).

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:

- Information:** RTK Info, RTK Info2
- RTK Info Table:**

TTFB	Date	Time	Boot Status	SW Version	SW Revision
0	2024/07/27	08:58:03			
- RTK Info2 Table:**

Longitude	Latitude	Ellipsoidal H	Direction	Speed	HDOP
72°33'11.96640" E	23°49'42060" N	43.00	291.20	0.00	0.70
- Satellite Signal Strength:** A bar chart showing signal strength for GPS (blue), GLO (green), NAVIC (purple), BDS (orange), and GAL (light green). The chart shows various satellites with their respective signal strength bars and PRN numbers.
- Earth View:** A 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 plot showing the scatter of points. The plot includes a grid and axes labeled N, S, E, W. The point count is 280 / 300. The 2D RMS is 2.9781 m and the CEP50% is 2.2857 m.
- COORDINATE:**

WGS84_X	EAST
1760275.428	-5.499
WGS84_Y	NORTH
5601059.467	-2.160
WGS84_Z	UP
2483790.560	-6.100
- Command:** Hot Start, Warm Start, Cold Start(R), No Output, NMEA0183, Binary, Scan All, Scan Port, Scan Baud.
- Download:** 460800, Master CRC: B58E, CS: 9E(158)

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