



AMBIMAT ELECTRONICS

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AE_SSNR_002

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 NMEA sentences, including \$GNRMC, \$GPRMC, and \$SDZDA.
- Response:** Displays the message "New device COM7 arrived".
- COORDINATE:** Shows the current coordinates in WGS84 and Easting/Northing (EAST, NORTH) formats.

WGS84_X	EAST
1760266.385	0.803
WGS84_Y	NORTH
5601043.965	0.735
WGS84_Z	UP
2453789.891	-36.400
- 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:

TTFB	Date	Time	Boot Status	SW Version	SW Revision
46	2024/07/27	04:52:55			

Longitude	Latitude	Ellipsoidal H	Direction	Speed	HDOP
72°33'12.19020" E	23°49'33.600" N	30.50	0.00	0.00	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 (yellow). The current mode is set to "1L1 C/A".
- Earth View:** A 3D globe showing the satellite constellation (GPS, Glonass, BeiDou, Galileo, NAVIC) and their positions relative to the Earth.
- Scatter View:** A 2D plot showing the distribution of satellite signals. The point count is 35 / 300. The plot includes axes for North (N) and East (E) in meters, and a "SCALE" of 1m. The "COORD" is set to "ENU".
- Download:** Shows the current baud rate (460800) and Master CRC (B50E). The file path is C:\Users\admin\Desktop\ST1_03.00.01-01.07.32_Phoenix_GPS_Navic_combo_T_CRC_B50E_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.



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AE_SSNR_002

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	04:54:32			
- RTK Info2 Table:**

Longitude	Latitude	Ellipsoidal H	Direction	Speed	HDOP
72°33'12.26520" E	23°49'31980" N	41.30	258.80	0.00	0.90
- Signal Strength:** Bar chart showing signal strength for GPS, GLO, NAVIC, BDS, and GAL. GPS is the primary signal.
- Message/Response:** Logs system messages such as "Configure RTK Message Interval success" and "Configure navigation mode successfully".
- COORDINATE:**

WGS84_X	EAST
1760266.912	3.211
WGS84_Y	NORTH
5601053.671	0.185
WGS84_Z	UP
2483793.300	-26.400
- Earth View:** 3D globe showing satellite positions over the region.
- Scatter View:** 2D plot of point counts (94/300) with axes labeled N, S, E, W. Includes controls for SCALE (1m), COOR (ENU), 2D RMS (0.9751m), and CEP50% (0.7903m).
- Download:** File path: C:\Users\admin\Desktop\STI_03.00.01-01.07.32_Phoenix_GPS_Navic_combo_T_CRC_B50E_115200_20200729.bin. Includes Master CRC: B50E and CS: 9E(158).

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