



AMBIMAT ELECTRONICS

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AE_SSNR_011

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

- Message (DGPS mode):** Shows raw GNSS data including SGNQGA, SGNGLL, SGNQSA, SGNRMC, SGNVTG, SGNZDA, and SPSTL.
- Response:** Displays the message "New device COM7 arrived".
- COORDINATE:** Shows WGS84 coordinates for Easting (1760270.475), Northing (5601062.277), and UTM Zone (24EQJ).
- Information / RTK Info:** Shows TTFF: 32, Date: 2024/07/27, Time: 05:15:38, Boot Status, SW Version, SW Revision, Longitude: 72°33'12.24600" E, Latitude: 23°49'31.920" N, Ellipsoid H: 50.60, Direction: 0.00, Speed: 0.00, HDOP: 0.80.
- Satellite Status:** A bar chart shows signal strength for GPS (blue), GLO (green), and NAVIC (purple) satellites. The '4S-RS' mode is selected.
- Earth View:** A globe showing satellite positions over the Indian subcontinent.
- Scatter View:** A 2D plot showing point distribution with a point count of 82/300. It includes a scale of 1m and 2D RMS of 0.4135m.
- Download:** Shows a file path and CRC information: "C:\Users\admin\Desktop\STL_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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The screenshot displays the GNSS Viewer software interface. The main window shows the following information:

- Information Tab:** TTFF: 0, Date: 2024/07/27, Time: 05:16:44, Boot Status: [empty], SW Version: [empty], SW Revision: [empty].
- Position Data:** Longitude: 72°33'12.50640" E, Latitude: 23°49'68400" N, Ellipsoid H: 58.90, Direction: 210.40, Speed: 0.00, HDOP: 0.80.
- Satellite Status:** A bar chart shows signal strength for various satellites. GPS satellites are shown in blue, GLO in green, and NAVIC in purple. The chart indicates that several satellites are in a 'lock' state (red circles) and others are in a 'search' state (blue circles).
- Response Log:** Shows configuration messages such as "New device COM7 arrived", "Configure NMEA Message Interval success", "Configure PRTT007 interval successfully", "Configure Serial Port successfully", and "Configure navigation mode successfully".
- COORDINATE:** A table showing WGS84 and EAS7 coordinates.

WGS84_X	EAS7
1760266.182	6.524
WGS84_Y	NORTH
5601070.547	13.068
WGS84_Z	UP
2463011.130	8.300
- Earth View:** A 3D globe showing the location of the device in India, with a compass rose indicating North, South, East, and West.
- Scatter View:** A 2D plot showing the distribution of points. The point count is 123 / 300. The plot shows a cluster of points around the origin (0,0). The axes are labeled W (West) and E (East) for the horizontal axis, and N (North) and S (South) for the vertical axis. The scale is set to 1m.
- Download:** A section for downloading data, showing a file name: "C:\Users\admin\Desktop\1ST1_03.00.01-01.07.32_Phoenix_GPS_Navic_combo_T_CRC_B50E_115200_20200729.bin".

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