



# AMBIMAT ELECTRONICS

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## AE\_SSNR\_020

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 location coordinates, speed, and other data.
- Response:** Displays the message "New device COM7 arrived".
- COORDINATE:** Shows the current coordinates in WGS84 and EASY formats.

WGS84_X	EAST
1760266.606	0.769
WGS84_Y	NORTH
5601047.914	6.516
WGS84_Z	UP
2483791.865	31.900
- 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 RTK status and various parameters.

TTFB	Date	Time	Boot Status	SW Version	SW Revision
30	2024/07/27	05:45:15			

  

Longitude	Latitude	Ellipsoidal H	Direction	Speed	HDOP
72°33'12.22440" E	23°49.34620" N	34.80	0.00	0.00	0.90
- Signal Strength Graphs:** Shows signal strength for GPS, GLO, NAVIC, BDS, and GAL. The GPS signal is the most prominent, with a strength of approximately 35 dBm.
- Earth View:** A 3D globe showing the current location with a compass rose and a list of active satellites (GPS, Glonass, BeiDou, Galileo, NAVIC).
- Scatter View:** A 2D scatter plot showing the distribution of points. The point count is 72 / 300. The plot includes a scale of 1m, coordinate system (ENU), and 2D RMS of 0.1022 m.
- Download:** Shows the download progress (460800) and Master CRC (B55E). The file path is C:\Users\admin\Desktop\STL\_03.00.01-01.07.32\_Phoenix\_GPS\_Navic\_combo\_T\_CRC\_B55E\_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\_020

The screenshot displays the GNSS Viewer software interface. The main window shows the following information:

- Information Tab:** Displays RTK status (TTFF: 0, Date: 2024/07/27, Time: 05:46:19, Boot Status, SW Version, SW Revision). It also shows coordinates (Longitude: 72°33'12.24540" E, Latitude: 23°49'41.940" N, Ellipsoidal H: 26.50, Direction: 239.00, Speed: 0.00, HDOP: 1.10).
- Satellite Signal Strength:** A bar chart showing signal strength for various satellites. The legend indicates GPS (blue), GLO (green), NAVIC (purple), BDS (orange), and GAL (light green). The chart shows 11 satellites with signal strength values ranging from 20 to 43 dBm.
- Earth View:** A 3D globe showing the current location of the device, marked with a red dot and a compass rose. The location is approximately 72.55°E, 23.83°N.
- Scatter View:** A 2D scatter plot showing the distribution of points. The point count is 110 / 300. The plot shows a cluster of points around the current location. 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.
- Coordinate Data:** A table showing the current coordinates in WGS84 and EAS7 formats.
- Command Panel:** A panel with buttons for Hot Start, Warm Start, Cold Start(R), No Output, NMEA0183, Binary, Scan All, Scan Port, and Scan Baud.

WGS84_X	EAS7
1760263.448	1.452
WGS84_Y	NORTH
5601040.143	9.303
WGS84_Z	UP
2463791.333	24.000

GPS	GLO	NAVIC	BDS	GAL
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50

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