



AMBIMAT ELECTRONICS

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AE_SSNR_004

The screenshot displays the GNSS Viewer software interface. The top menu includes File, Binary, Venus, Phoenix, BAW, RTK, INS DR, RTK Timing, Ephemeris, GPS, Converter, and Help. The main window is divided into several sections:

- Information:** Shows RTK Info and RTK Info2. Key data includes TTFF: 22, Date: 2024/07/27, Time: 04:56:44, Boot Status, SW Version, SW Revision, Longitude: 72°33'12.17640" E, Latitude: 23°49'53.940" N, Ellipsoidal H: 46.40, Direction: 0.00, Speed: 0.00, HDOP: 0.90.
- Signal Strength:** A bar chart showing signal strength for various satellites. Legend includes GPS (blue), GLO (green), NAVIC (purple), BDS (orange), and GAL (light green). The chart shows 37 satellites with varying signal strengths.
- Earth View:** A 3D 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 scatter plot showing the distribution of satellite signals. The plot includes a grid and axes labeled N, S, E, W. The point count is 37 / 300. The plot shows a cluster of points around the origin.
- COORDINATE:** A table showing WGS84 coordinates and their corresponding Easting, Northing, and UTM values.
- Command:** A section with buttons for Hot Start, Warm Start, Cold Start(R), No Output, NMEA0183, Binary, Scan All, Scan Port, and Scan Baud.
- Download:** A section showing the download rate (460800) and Master CRC (B58E). The file path is C:\Users\admin\Desktop\STI_03.00.01-01.07.32_Phoenix_GPS_Navic_combo_T_CRC_B58E_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_004

GNSS Viewer Customer Release V2.1.155 for Phoenix

File Binary Venus Phoenix BAW BTK INS DR IPPS Timing Ephemeris GPS Converter Help

Com Port: COM7, Baudrate: 9600, Connect: [Green Arrow]

Message Position fix 2D

```

$GNRMC,0.45826,0.00,A,2304.15221,N,07233.20641,E
$GPRMC,0.45827,0.00,A,2304.15218,N,07233.20641,E
$GNSA,A,3,05,13,13,18,23,25,29,195,196,1.9,0
$GNSA,A,3,02,06,09,10,1.9,0,1.7,4*5F
$GNRMC,0.45827,0.00,A,2304.15218,N,07233.20641,E
$GPRMC,0.45828,0.00,A,2304.15311,N,07233.20560,E
$GNSA,A,3,05,13,13,18,23,25,29,195,196,1.9,0
$GNSA,A,3,02,06,09,10,1.9,0,1.7,4*5F

```

Response

```

Configure IRGA Message Interval success
Configure $RTT00? interval successfully
Configure Serial Port successfully
Configure navigation mode successfully

```

COORDINATE

WGS84_X	EAST
1760265.003	5.294
WGS84_Y	NORTH
5601055.746	-13.006
WGS84_Z	UP
2483787.700	-44.200

Command

Hot Start	Warm Start	Cold Start(R)
No Output	NMEA0183	Binary
Scan All	Scan Port	Scan Baud

Information RTK Info. RTK Info2

TTFB	Date	Time	Boot Status	SW Version	SW Revision
0	2024/07/27	04:58:28			
Longitude	Latitude	Ellipsoidal H	Direction	Speed	HDOP
72°33'12.38460" E	23°49'13.080" N	32.90	128.70	0.00	0.90

GPS GLO NAVIC 1L1 C/A 4S-RS

BDS GAL

Earth View

Scatter View (m) Point count: 96 / 300

SCALE: 1m, COOR: ENU, 2D RMS: 3.5675 m, CEP50%: 2.8845 m, Set Origin, Clear

Download: 460800, Master CRC: B58E, CS: 9E(158)

C:\Users\admin\Desktop\STI_03.00.01-01.07.32_Phoenix_GPS_Navic_combo_T_CRC_B58E_115200_20200729.bin

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