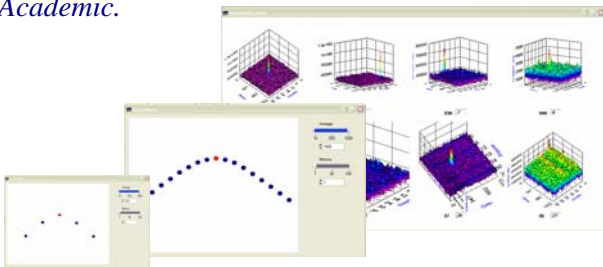


Applications

- * Navigation with GPS /GLONASS satellites and pseudolites.
- * Advanced GNSS related research and development.
- * GPS, pseudolite and interference signal analysis.
- * Academic.



Output

- * Coordinates in NMEA format.
- * Raw data in RINEX and proprietary formats
- * Google Earth position.
- * Navigation message.
- * Baseband processor data.
- * Data output rate up to 1000 Hz.

Static test on the roof of JAXA test facilities building. Receiver output to Google Earth.



Versions

- * **Light.** Gives access to basic functions.
- * **Professional.** Gives access to all functions and settings.
- * **Developer.**
 - Gives access to source code through API.
 - Allows to use optimized and tested receiver to incorporate your models and algorithms.
 - You don't need to spend time and efforts on developing the main receiver components.
- * **Ionospheric Scintillation Monitor.** Requires a front end with OCXO option.

Editions

- * Multi-channel.
- * Single channel. Provides visual outputs from 15 correlators for multipath research and signal analysis.
- * GPS
- * BGPS (instant positioning w/o network assistance)
- * GLONASS



Receiver front end specification

- Sampling rate : ~16 MHz
- Bit resolution: 2
- Antenna connector: SMA.
- Support for active antenna
- Bandwidth: 4 MHz
- Clock: 0.5 ppm TCXO (optional OCXO)