



## We were the first to

- Combine GPS and GLONASS • Track GLONASS-K L3 CDMA • Track Galileo E5 altBOC • Track Chinese Compass • Offer 12 (1989), 76 (1999), and 216 (2007) channel GNSS receivers.

**We** received highest score in Japanese CORS “GEONET” selection process and received USGS award for its high precision networks.

## We are the only company who offers GNSS receivers with

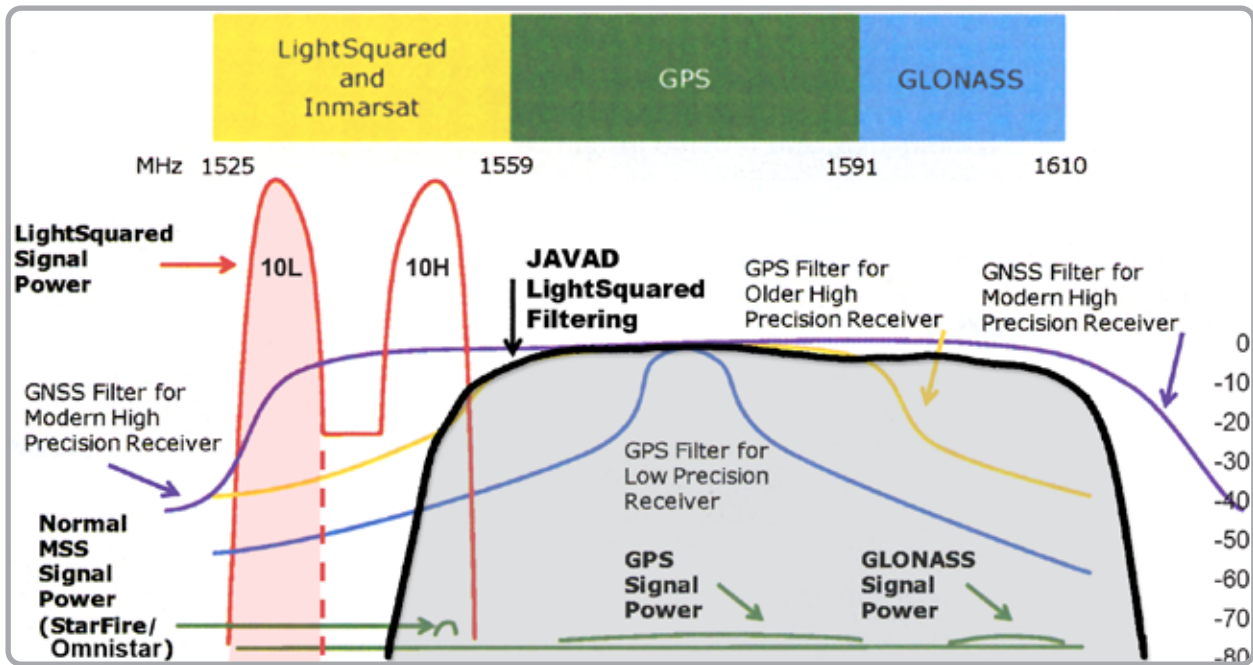
- Galileo • QZSS and its L1C signal • GPS L5 • GLONASS • Mitigating SVN-49 anomaly • Best multipath reduction (German Aerospace report) • Lift & Tilt survey • Interference Analysis feature • In-band interference rejection feature • Calibrating GLONASS inter-channel biases (0.2 mm) • Fully integrated high precision GNSS RTK system • 6-pack RTK engine of up to 100 Hz.



## And Now...

**Protected from ...  
Compensated for ...  
and Integrated with... LightSquared.**

- LightSquared not only can coexist with GPS... **It complements it.**
- TRIUMPH-LS can benefit from LightSquared communication channels for receiving **RTK corrections.**
- LightSquared communication channels are much **faster and less expensive** than conventional channels for RTK correction transmissions.



### LightSquared-Protected:

Protected by the above JAVAD LNA system. For all precision positioning applications. Multipath mitigation features preserved.  
November 2011

### LightSquared-Compensated:

Protected by the above JAVAD LNA system and dynamically compensated for group delay variations (better than 100 picosecond). For precision timing applications.  
March 2012

### LightSquared-Integrated:

Same as two above plus LightSquared communication module inside.  
June 2012