

GNSS

Device Testing

For Manufacturing Applications

End of Line Testing

Compliance Verification

Re-Use of Existing Database

StellaNGC Scenario Replayer

Test Your



Device Connectivity



Positioning Capability

At an
Affordable
Price



Predefined Scenario



PLAY ▶

GNSS
Device

OK



Key Features

- ✓ Scenario Library for Representative GNSS Tests
- ✓ Extensive Scenario Description
- ✓ Reference Receiver Data for Validation
- ✓ Ergonomic Graphical User Interface
- ✓ Application Programming Interface through TCP commands
- ✓ Monitoring widgets (*Maps, Spectrum, Artificial horizon*)
- ✓ Support for different RF Targets

Add-Ons

Additional Scenarios Generation

Upon custom request, additional scenario can be generated to:

- ✓ Extend number of satellites
- ✓ Extend constellations and signals (*Galileo, GLONASS, Beidou, QZSS and SBAS*)
- ✓ Follow a specific mobile trajectory
- ✓ Include specific ionospheric/tropospheric configuration



✓ Data Rate

Motion Refresh Rate on RF signal:
up to 1 kHz

✓ Accuracy

Pseudo-range : 1.5 mm
Pseudo-range rate : 0.3 mm/s
Frequency (@L1) : < 10 Hz
Interchannel bias : null

✓ Mobile Trajectory

Height : 50 km
Velocity : 1 750 000 m/s
Velocity resolution : 0.01 m/s
Acceleration : 4576 m/s² max
Acceleration resolution : 0.01 m/s²

Hardware Platforms



USRP-RIO



VST 2nd generation



Get In Touch

m3systems.eu - asdsales@m3systems.eu

