

Test Loop Translator



Fixed LO

- Up to 3.5 GHz Bandwidth
- Includes Ka Bands -27.5 to 31.5 GHz
- Gain Adjustment
- Low Phase Noise
- 1U Rack Height
- 19" Rack Mount



Synthesised LO

- Ka band, Ku bands & Q-band only
- Local and Remote Ethernet Control for LO Frequency and Signal Attenuation
- External or Internal 10MHz Reference



Portable

- Ka band and Ku bands only
- Synthesised LO—Ethernet Control
- Local and Remote Ethernet Control for LO Frequency and Signal Attenuation
- Internal 10MHz Reference
- Battery Powered



TLT & Noise Injection-Combined

- Ka band, Ku bands & Q-band only
- Provides Loop Back Translation Tx to L-band with L-band noise injection
- Local and Remote Ethernet Control
- Versatile and Comprehensive Test System
- Test RF Chain and Receiver/Modem in One

Satellite Simulators



Ka-band

- Cable-less RF Test Solution
- Dual Polarity
- Ka Band (Ku and DBS available)
- Totally Portable
- Battery or mains Powered
- Self Contained Operation



Drone Mountable

- X, Ku and Ka Band Options
- Weatherproof
- Light Weight
- Rugged
- Battery or Drone Powered
- Cable-less RF Test Solutions
- High altitude platforms
- Drones/UAVs



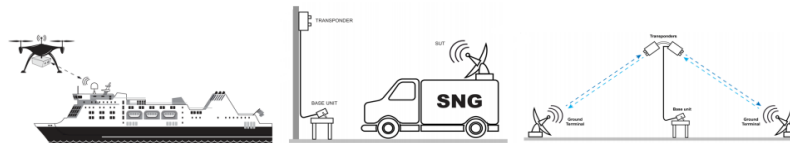
SNG

- Depot Based or Portable
- Easy and Quick Operation
- Ethernet and Local Controls
- Two part – Base Unit & Transponder
- Other frequencies available
- Fully Turnkey



Multi-path

- Models for X, Ku, DBS, Ka and Q bands
- Linear and circular polarisation options
- Fixed installation or portable
- Ethernet and local controls
- 3 part, base units and terminals
- 2 part option – Ethernet control



Broadband Noise Generators



- High Output, up to +30dBm
- White Symmetrical Gaussian Noise
- Remote and Local Operation
- Flat Output •Fine Attenuation Control
- Output Mute Option
- Standard and Custom Options

Signal Generators



- L, S, C, X, Ku, DBS, Ka, Q bands
- Frequency Steps from 1KHz
- Local and Remote Control with GUI
- Internal or External Reference
- Ethernet or RS485 Control
- Good Phase Noise
- Choice of Housing
- RoHS Compliant

Atlantic Microwave Components

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|-------------|------------------|----------------|---------------|
| ◦ Couplers | ◦ Power Dividers | ◦ Oscillators | ◦ Bias Tees |
| ◦ DC Blocks | ◦ Terminations | ◦ Synthesisers | ◦ Circulators |
| ◦ Isolators | ◦ Circulators | ◦ Attenuators | |