

Portable USB Signal Generators up to 40 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
L-Band through K-Band, up to 40 GHz
- **Reference Oscillator**
Selectable internal or external 10 MHz reference
- **Switching Speed**
Rapid frequency switching up to 20 GHz
- **Construction**
Rugged aluminum chassis for field deployment
- **Power and Control**
USB interface for PC integration and power delivery
- **Modulation**
Phase-continuous linear frequency modulation (LFM) sweep, high-speed pulse modulation
- **Programming**
Frequency stepping for automated test sequences
- **Compatibility**
Self-powered USB hubs for multi-device operation, graphical user interface

APPLICATIONS

5G/6G & Telecommunications:
Protocol testing and component
validation for next-generation
wireless systems

Automated Test Equipment
(ATE): Programmable signal
generation for manufacturing
test sequences and quality
assurance

Defense & SATCOM: Portable
local oscillator source and
precise RF stimulus generation
for field applications

Laboratory Measurement:
Flexible frequency coverage for
component characterization and
system validation