

Signal Generator up to 40 GHz | +20 dBm

TECHNICAL SPECIFICATIONS

- **Frequency Range**
500 MHz to 40 GHz
- **Frequency Resolution**
100 Hz for precise signal tuning
- **Reference Clock**
Internal and external 10 MHz reference support
- **Physical Form Factor**
Single rack-unit compatible design for ATE integration
- **Output Power**
+20 dBm with 50 dB attenuation control range
- **Control Interface**
USB and Ethernet connectivity
- **Modulation**
Pulse modulation capabilities for dynamic test scenarios
- **Phase Noise**
Low-noise solid-state architecture across entire frequency band

APPLICATIONS

5G & Wireless Standards Testing: Support for Wi-Fi 6E, 4G, LTE, and 5G protocol verification

Local Oscillator Sources: Portable LO generation for field measurements and laboratory characterization

Automated Test Equipment: Integration into ATE systems via USB or Ethernet control for production test environments

RF Component Characterization: Mixer, amplifier, and filter testing across extended frequency bands with frequency sweep operations