

Signal Source up to 40 GHz | SignalCore SC5520A



TECHNICAL SPECIFICATIONS

- **Frequency Range**
100 MHz to 40 GHz continuous tuning
- **Residual Phase Noise**
< -115 dBc/Hz @ 10 kHz offset (at 18 GHz)
- **Tuning Resolution**
1 Hz step size
- **Output Power**
15 dBm typical
- **Amplitude Control**
-10 dBm to +15 dBm (typical)
- **Form Factor**
PXI module

APPLICATIONS

5G/6G & Telecommunications:
Component testing, frequency
response characterization,
receiver sensitivity
measurements

Defense & SATCOM: Signal
simulation, system-level testing,
wideband spectrum analysis

Research & Development:
mmWave research, oscillator
characterization, harmonic
analysis

Manufacturing & ATE:
Automated test equipment
integration, high-volume
component validation, LNA/HPA
performance evaluation