

PHASE NOISE TEST SYSTEMS / SIGNAL SOURCE ANALYZERS 5MHz to 40GHz



STARTS AT \$48,000.00 USD

KEY PHASE NOISE MEASUREMENT CAPABILITIES:

- Extremely accurate Cross-correlation engine
- Complete broadband solution 5 MHz up to 40 GHz
- Absolute and Additive PN measurements
- 0.01 Hz to 100 MHz offset range
- Ultra low-noise internal references
- Very low Instrument Noise Floor (-188 dBc/Hz)
- Pulse measurement capabilities
- Amplitude Noise Measurements
- GUI or ATE interface
- Fastest ATE measurement speed in industry (<100ms)

PHASE NOISE ANALYSIS

- Extremely powerful and easy to use
- A fraction of the size, weight, and cost of competitive systems
- Included comprehensive GUI w/ lifetime Support & upgrades provided
- ATE Optimized Fast Measurement Modes
- Ability to use external references
- 3 independent tuning voltages (-5 to 22V)
- 2 independent supply voltages (0 to 14 V, 600 mA each)
- Complete oscillator test bench



BNC

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PHASE NOISE TEST SYSTEMS / SIGNAL SOURCE ANALYZERS

5MHz to 40GHz

7330 20G RF Frequency Range	5 MHz		40 GHz	using internal references using external references
Input Power Range < 7 GHz 7-26 GHz > 26 GHz	tbd tbd	0 dBm 5 dBm 5 dBm	+20 dBm +20 dBm +20 dBm	+26 dBm is damage level
Input impedance VSWR		50 Ω 2		AC coupled, 10V DC max
Offset Analysis Range Resolution	0.01 Hz 2		100 MHz 3800	points per decade, RBW adjustable
Measurement Accuracy		±4 dB ±3 dB ±2 dB		< 10 Hz offset < 1 kHz offset > 1 kHz
System Phase Noise Floor (100 MHz) 1 Hz 10 Hz 100 Hz 1 kHz 10 kHz 10 MHz		-140 dBc/Hz -150 dBc/Hz -160 dBc/Hz -175 dBc/Hz -188 dBc/Hz -188 dBc/Hz		(cross-correlation, external references)

