

E5055A SSA-X Signal Source Analyzer, 1 MHz to 8 GHz

Available from Keysight and our Rental Partners



Comprehensive Phase Noise and Signal Source Analysis

Keysight's E5055A SSA-X Signal Source Analyzer is a next generation bench-top signal source solution for wireless communications, high-speed digital, and aerospace and defense applications. The E5055A offers superior performance with a RF frequency range of 1 MHz to 8 GHz, phase noise offset frequency of 0.01Hz to >1 GHz, and state-of-the-art system noise sensitivity -175 dBc/Hz (typical).

Improve your DUT Evaluation Accuracy

- Superior performance allows you to meet all your test needs
- 1 MHz to 8 GHz RF signal, Offset frequency: 1 MHz to >1 GHz
- Noise sensitivity: -175 dBc/Hz

Future proof your investment as new measurement needs are software enabled

- Wide application coverage in a single box
- Including VCO characterization, transient measurements, spectrum analysis, pulsed phase noise, and more



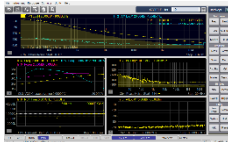

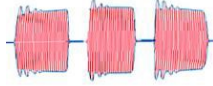
Optimizable to get your test results efficiently and effectivity

- Enabled search detects the carrier automatically, even the low-power signals
- Set parameters (i.e., RBW, VBW) flexibly to meet desired speed or accuracy

Models & Options

Model & Option	Description
E5055A	SSA-X Signal Source Analyzer, 1 MHz to 8 GHz
Hardware options	
Option 100	Standard phase noise
Option 200	Enhanced low phase noise
Core software (default)	
S963105B-C12	Node-locked perpetual, 1 year support
S963105B-C36	Node-locked perpetual, 3 year support
S963105B-C60	Node-locked perpetual, 5 year support
Calibration options	
Option A6J	ANSI Z540-1-1994 Calibration
Option 1A7	Calibration + Uncertainty + Guardbanding

Application Software for E5055A

S963015B Advanced Features	S963905B Spectrum Analysis	S96325B Pulsed RF Measurements
		
<ul style="list-style-type: none">• Cross correlation• Transient measurements• VCO characterization• Spectrum monitor	<ul style="list-style-type: none">• Full-span (8 GHz) spectrum analysis• Similar functionalities available on vector network analyzers	<ul style="list-style-type: none">• Phase noise measurements of pulsed RF signals

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2022, Published in USA, June 22, 2022, 3122-1583.EN