

KEYSIGHT TECHNOLOGIES (AGILENT HP)

8665A

The Keysight (formerly Agilent / HP) 8665A is a high-performance synthesized RF signal generator suitable for basic and advanced receiver testing. Operating up to 4.2 GHz, it offers excellent spectral purity with low-noise enhancements available for out-of-channel receiver testing or low phase jitter clock applications. The instrument supports AM, wideband FM, and optional pulse modulation for radar testing.

SPECIFICATIONS

Frequency

Minimum Frequency	100 kHz Hz
Maximum Frequency	4.2 GHz Hz
Frequency Resolution	0.01 Hz

Output

Maximum Output Power	+13 dBm dBm
Amplitude Resolution	0.1 dB
Output Impedance	50 Ω

Modulation

AM Depth	0 to 100%
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General

Reference Oscillator	10 MHz
Interfaces	HP-IB (IEEE-488)

Physical

Weight	35 kg kg
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Frequency Specifications

Frequency Range	100 kHz to 4.2 GHz
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Options & Enhancements

Option 008	Pulse modulation
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Amplitude

Reverse Power Protection	50 W (RF), 50 VDC
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TECHNOLOGY

Synthesized RF Signal Generation

APPLICATIONS

Receiver testing, out-of-channel testing, low-jitter clock source, radar testing, high-speed digital communications

