

KEYSIGHT TECHNOLOGIES (AGILENT HP)

8642B

The Keysight (Agilent/HP) 8642B is a synthesized RF signal generator covering 100 kHz to 2115 MHz. It is designed for demanding RF receiver and out-of-channel testing, combining low phase noise and spurious, high output level, and comprehensive analog modulation including AM, FM, PM, and pulse.

SPECIFICATIONS

Frequency

Minimum Frequency	100000 Hz
Maximum Frequency	2115000000 Hz

Output

Maximum Output Power	+13 dBm dBm
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General

Interfaces	GPIO (IEEE-488)
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RF Output

Output impedance	50 Ω
RF output connector	Type-N female (front panel, 50 Ω)

Control & Interfaces

Remote programmability	Programmable signal generator (GPIO)
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TECHNOLOGY

Synthesized RF signal generator

APPLICATIONS

Out-of-channel RF receiver measurements; stringent RF testing requiring low phase noise and spurious; automated testing via GPIO.

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.