

ROHDE & SCHWARZ

SMHU58

The Rohde & Schwarz SMHU58 is a high-performance vector and analog signal generator operating in the frequency range of 100 kHz to 4.32 GHz. It is designed for demanding RF testing, receiver measurements, and vector modulation applications.

SPECIFICATIONS

Frequency

Minimum Frequency	100 kHz Hz
Maximum Frequency	4.32 GHz Hz
Frequency Resolution	0.1 Hz

Output

Maximum Output Power	+13 dBm dBm
Output Power Range	-140 dBm to +13 dBm

Modulation

Modulation	AM, FM, Phase (ϕM), Pulse, Vector (I/Q)
Sweep Modes	Frequency, Level

General

Interfaces	GPIB (IEEE-488)
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Frequency Specifications

Frequency Range	100 kHz to 4.32 GHz
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Amplitude Specifications

Amplitude Range	-140 dBm to +13 dBm
Amplitude Resolution	0.1 dB

System Connectivity and Interfaces

RF Output Impedance	50 Ω
RF Output Connector Type	N-type female
GPIB Interface	Standard (IEEE-488)
External I/Q Inputs	BNC female

TECHNOLOGY

RF Vector Signal Generator

APPLICATIONS

Receiver testing, Vector modulation, RF component characterization

