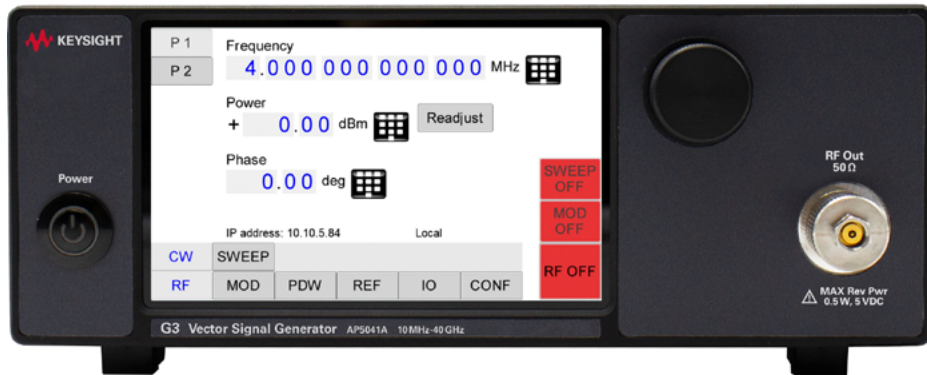


VECTOR SIGNAL GENERATORS | AP5041A & AP5042A

Ultra-Agile Analog and Vector Signal Generators with Fast Switching



Key Features

G3 vector signal generators provide an ultra-fast-switching vector signal source covering a continuous frequency range from 100 kHz to 40 GHz. Enable outstanding ultra-fast CW frequency sweeping, chirping, intra-pulse modulation, and pulse shaping, all with very low phase noise. A high performance internal I/Q modulator enables customized modulated waveforms and supports dedicated modulation schemes.

Data Sheets

- G3 Vector Signal Generator Model AP5041A
- G3 Vector Signal Generator Model AP5042A

Configuration Guides

- AP5041A Vector Signal Generator
- AP5042A Vector Signal Generator

Application Notes

- G3 Vector Signal Generator Additive White Gaussian Noise
- G3 Vector Signal Generator RF Output Modes
- G3 Vector Signal Generator Analog Inputs
- Fast Control Port with MDR 26 Pin Connector
- G3 Vector Signal Generator Memory Segmentation
- G3 Vector Signal Generator Permanent Data Storage SD
- G3 Vector Signal Generator Keysight IQ Data Format and Device Upload
- RF Output Modes of Keysight Compact Signal Generators
- How to Use Keysight API Libraries

Web Collateral

- G3 Compact Signal Generators
- AP5041A Vector Signal Generator, 100 kHz to 40 GHz
- AP5042A Vector Signal Generator, 100 kHz to 40 GHz

- WebUI

Training

- AP5041A G3 and AP5042A G3 Vector Signal Generators Programmer's Manual
- AP5041A/42A Vector Signal Generators Security Features and Document of Volatility
- AP5041A and AP5042A User's Manual