



# R&S®FSVA3000 VERSUS KEYSIGHT N9021B MXA & N9020B MXA

COMPANY RESTRICTED

The Rohde & Schwarz spectrum analyzer portfolio offers options ranging from low-cost, yet powerful 1 GHz analyzers to mid-range models to full-featured 85 GHz models. Designed by RF experts, all spectrum analyzers feature exception signal integrity, high value and excellent reliability.



Your Benefit	Feature	R&S®FSVA3000 w/ B710	R&S®FSVA3000	Keysight N9021B MXA	Keysight N9020B MXA	
Best-in-class EVM Measurements	EVM for WLAN and 5 G with 1 GHz bandwidth   and <127 dBc (1Hz) phase noise	Frequency Ranges	<b>Up to 54 GHz</b>	<b>Up to 54 GHz</b>	Up to 50 GHz	Up to 50 GHz
Simplified Test Programming	Emulates competitor & Rohde & Schwarz test code	TOI @ 1 GHz CF	>17 dBm	>17 dBm	+16 dBm	+16 dBm
Basic Measurement Support	Noise figure including smart noise sources for simple, fast measurements. Also includes SCPI recorder, ACLR, SEM, TOI, Harmonics measurements	Phase Noise @ 1 GHz CF	-127 dBc/Hz	-120 dBc/Hz	<b>-129 dBc/Hz</b>	-113 dBc/Hz
Life-time Product Support	Complimentary application engineering support and firmware upgrades	DANL @ 1 GHz CF, Preamp off	-152 dBm/Hz	-152 dBm/Hz	-157 dBm/Hz	-151 dBm/Hz
		Bandwidth	<b>Up to 1 GHz</b>	<b>Up to 1 GHz</b>	Up to 510 MHz	Up to 160 MHz
		Price, Base Model (30/26 GHz)	\$82,620 <b>\$66,096</b>	\$73,085 <b>\$58,468</b>	\$58,935	\$60,019

**Save more than 20% on R&S®FSVA3000 and R&S®FSV3000 plus any hardware or software options and accessories. Plus, save big with complimentary life-time application engineer support, firmware upgrades and ACLR and SEM measurements.**

For more information, visit [www.rohde-schwarz.com/product/](http://www.rohde-schwarz.com/product/)



# R&S®FSV3000 VERSUS KEYSIGHT N9020B MXA & N9010B EXA

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The Rohde & Schwarz spectrum analyzer portfolio offers options ranging from low-cost, yet powerful 1 GHz analyzers to mid-range models to full-featured 85 GHz models. Designed by RF experts, all spectrum analyzers feature exception signal integrity, high value and excellent reliability.



Your Benefit	Feature	R&S®FSV3000 w/ B710	R&S®FSV3000	Keysight N9020B MXA	Keysight N9010B EXA
Best-in-class EVM Measurements	EVM for WLAN and 5 G with 1 GHz bandwidth   and <127 dBc (1Hz) phase noise	Frequency Ranges	Up to 50 GHz	Up to 50 GHz	Up to 50 GHz
Simplified Test Programming	Emulates competitor & Rohde & Schwarz test code	TOI @ 1 GHz CF	>15 dBm	>15 dBm	+16 dBm
Basic Measurement Support	Noise figure including smart noise sources for simple, fast measurements. Also includes SCPI recorder, ACLR, SEM, TOI, Harmonics measurements	Phase Noise @ 1 GHz CF	<b>-114 dBc/Hz</b>	-107 dBc/Hz	-113 dBc/Hz
Life-time Product Support	Complimentary application engineering support and firmware upgrades	DANL @ 1 GHz CF, Preamp off	-148 dBm/Hz	-148 dBm/Hz	<b>-151 dBm/Hz</b>
		Bandwidth	<b>Up to 200 MHz</b>	<b>Up to 200 MHz</b>	Up to 160 MHz
		Price, Base Model (30/26 GHz)	\$69,280 <b>\$51,960</b>	\$59,745 <b>\$44,808</b>	\$60,019 \$52,374

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