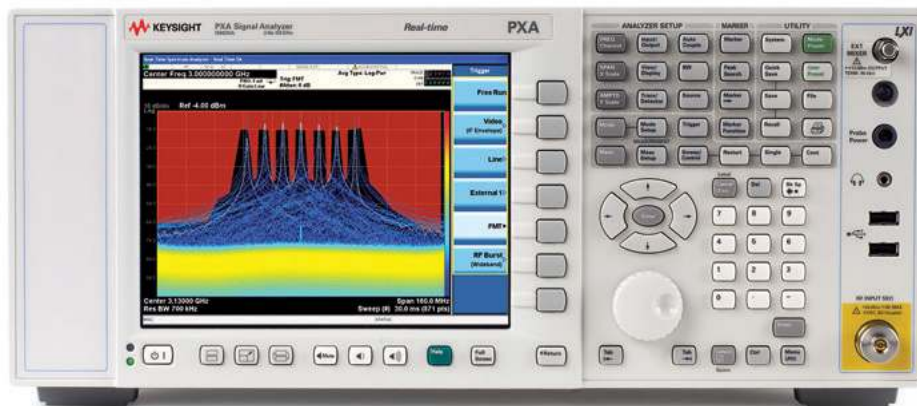


# Keysight Technologies

## Frequency Range Upgrades

### X-Series Signal Analyzers and MXE EMI Receiver



#### Jump up in frequency

As test needs change, the ability to evolve your test assets enhances their value. That's why we've made it easy to increase the frequency range of existing PXA, MXA, and EXA X-Series signal analyzers and MXE EMI receivers. Through return-to-Keysight upgrades, you can choose from available frequency options that reach from your current maximum up to 50 GHz, depending on the model. Your instrument maintains full compatibility, retains its complement of options and applications, and keeps the same serial number. Jump up in frequency—and stay future-ready.

#### Easily evolve as test needs change

To simplify ordering, we offer a single, inclusive price for all services required to complete the upgrade. Just select the option that meets your existing and desired maximum frequency.

- N9030A PXA: 8.4, 13.6, 26.5, 44, or 50 GHz
- N9020A MXA: 8.4, 13.6, or 26.5 GHz
- N9010A EXA: 7, 13.6, 26.5, 32, or 44 GHz
- N9038A MXE: 8.4, 26.5, or 44 GHz

#### Trust our fast, professional service team

Your instrument will be upgraded and calibrated by an experienced Keysight technician, backed by the factory engineering team that designed the instrument. The price of each upgrade includes installation and calibration—and to maximize your confidence, we also include a full one-year warranty for your existing instrument.

## Further Enhance Functionality

When your instrument is at the service center for a frequency upgrade, you can also add functionality that will further extend its longevity:

- Analysis bandwidth to 40, 85, 125, or 160 MHz
- Measurement applications
- Real-time spectrum analyzer (PXA and MXA only)
- CPU module
- Operating system
- Removable solid-state drives
- Internal preamplifier
- Time domain scan

Our growing array of X-Series upgrades allows you to stay ready, stay in sync, and arrive ahead.

## Ordering Information

Frequency Upgrade Options							
Upgrade	To 7 GHz	To 8.4 GHz	To 13.6 GHz	To 26.5 GHz	To 32 GHz	To 44 GHz	To 50 GHz
From 3.6 GHz	N9010AK-F01	N9030AK-F01 N9020AK-F01 N9038AK-F01	N9030AK-F02 N9020AK-F02 N9010AK-F02	N9030AK-F03 N9020AK-F03 N9010AK-F03 N9038AK-F03	N9010AK-F04	N9030AK-F04 N9010AK-F05 N9038AK-F04	N9030AK-F05
From 7 GHz			N9010AK-F06	N9010AK-F07	N9010AK-F08	N9010AK-F09	
From 8.4 GHz			N9030AK-F06 N9020AK-F06	N9030AK-F07 N9020AK-F07 N9038AK-F07		N9030AK-F08 N9038AK-F08	N9030AK-F09
From 13.6 GHz				N9030AK-F10 N9020AK-F10 N9010AK-F10	N9010AK-F11	N9030AK-F11 N9010AK-F12	N9030AK-F12
From 26.5 GHz					N9010AK-F13	N9030AK-F13 N9010AK-F14 N9038AK-F13	N9030AK-F14
From 32 GHz						N9010AK-F15	
From 44 GHz							N9030AK-F15

## Contact Us to Get Started

For details regarding the upgrade options available for your X-Series model, please contact your Keysight sales representative or visit:

[www.keysight.com/find/PXA\\_upgrades](http://www.keysight.com/find/PXA_upgrades)  
[www.keysight.com/find/MXA\\_upgrades](http://www.keysight.com/find/MXA_upgrades)  
[www.keysight.com/find/EXA\\_upgrades](http://www.keysight.com/find/EXA_upgrades)  
[www.keysight.com/find/MXE\\_upgrades](http://www.keysight.com/find/MXE_upgrades)

For more information on Keysight Technologies' products, applications or services, please contact your local Keysight office. The complete list is available at: [www.keysight.com/find/contactus](http://www.keysight.com/find/contactus)

### Americas

Canada	(877) 894 4414
Brazil	55 11 3351 7010
Mexico	001 800 254 2440
United States	(800) 829 4444

### Asia Pacific

Australia	1 800 629 485
China	800 810 0189
Hong Kong	800 938 693
India	1 800 112 929
Japan	0120 (421) 345
Korea	080 769 0800
Malaysia	1 800 888 848
Singapore	1 800 375 8100
Taiwan	0800 047 866
Other AP Countries	(65) 6375 8100

### Europe & Middle East

Austria	0800 001122
Belgium	0800 58580
Finland	0800 523252
France	0805 980333
Germany	0800 6270999
Ireland	1800 832700
Israel	1 809 343051
Italy	800 599100
Luxembourg	+32 800 58580
Netherlands	0800 0233200
Russia	8800 5009286
Spain	0800 000154
Sweden	0200 882255
Switzerland	0800 805353
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	Opt. 2 (FR)
	Opt. 3 (IT)
United Kingdom	0800 0260637

For other unlisted countries:  
[www.keysight.com/find/contactus](http://www.keysight.com/find/contactus)  
 (BP-07-10-14)

