

Keysight N9038A MXE EMI Receiver Option TDS Time Domain Scan

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Installation Note

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Notice.

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Option TDS - Time Domain Scan

Products Affected:	MXE N9038A
Requirements:	Option DP2 Instrument Software Version A.13.60 or newer
To Be Performed By:	(X) Agilent Service Center (X) Advanced User (X) User
Estimated Installation Time:	0.5 Hours
Estimated Adjustment and Verification Time:	0 Hours

This document provides detailed instructions for the installation of Option TDS - Time Domain Scan in an N9038A MXE EMI Receiver. Please be sure to read this entire document before attempting to perform this upgrade.

Contents

Quantity	Description
1	Option N9038AK-TDS License Entitlement Certificate

Tools Required

- ☐ USB Storage Device

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Installation Instructions

Instrument Hardware Requirement Verification

1. Verify that Option DP2 is installed in the instrument by pressing **System, Show, System** and verify that there is an entry for:

N9038A-DP2 Digital Processor, 2 GB Capture Memory

2. If N9038A-DP2 is not found in the instrument do not proceed any further with this upgrade. Option N9038AK-HL4 will need to be installed before proceeding.

Instrument Software Version Requirement Verification

3. Determine what version of instrument software is currently installed in the MXE being upgraded by pressing **System, Show, System**.

The software revision can be found on this screen as the:

Instrument S/W Revision

If the instrument software version is not **A.13.60** or higher it will need to be updated before proceeding with this upgrade.

If a software update is required, the latest version of MXE instrument software and installation instructions can be downloaded from:

http://www.agilent.com/find/mxe_software

Once the instrument software requirement has been met proceed to step 4.

License Key Retrieval and Installation

4. Plug the instrument into the ac power source and turn it on.
5. Following the instructions on the Option N9038AK-TDS License Entitlement Certificate redeem the Option TDS license key for the instrument being upgraded.
6. Once the Option TDS license key has been redeemed follow the installation instructions that come with the license to install it into the instrument.

Installation Verification

7. Once the new option license key has been installed cycle the instrument power so that it will be completely initialized and recognized by the instrument software.
8. On the instrument front panel press **System, Show, System** and verify that there is an entry for:

N9038A-TDS Time Domain Scan

9. The installation of Option TDS is now complete.

Option TDS - Time Domain Scan

Adjustments and Performance Verification

Adjustments and performance verification testing requires the use of the calibration software. The latest software information and downloads are available at:

<http://www.agilent.com/find/calibrationsoftware>

Adjustments Required

TDS Alignment

On the instrument press **System, Alignments, Advanced, TDS**

Performance Testing Recommended

None

For assistance, contact your nearest Agilent Technologies Sales and Service Office. To find your local Agilent office access the following URL:

<http://www.agilent.com/find/assist>