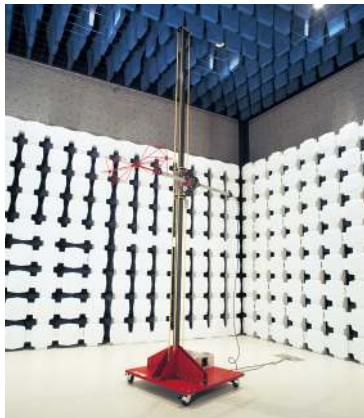# Agilent
N9038A MXE EMI Receiver

Keep the test queue flowing

In EMC testing, success depends on tools that can help you do more in less time—today and tomorrow. That's why Agilent created the MXE: it's a standards-compliant EMI receiver and diagnostic signal analyzer built on an upgradeable platform. In the lab and on the bench, the MXE provides the accuracy, repeatability, and reliability you need to test with confidence. Equip your team with the MXE, and keep the test queue flowing.

Test to a broad range of standards

- Test in accordance with CISPR 16-1-1 2010 and MIL-STD-461
- Measure with complete sets of resolution bandwidths (6 and 3 dB) and diagnostic detectors, including peak, quasi-peak, EMI average, and RMS average
- Use built-in limit lines and correction factors with an easy-to-use editor
- Reduce test time with rapid time domain scan
- Control switching functions in external line impedance stabilization networks (LISN)
- Be ready for CISPR 11 with amplitude probability density (APD) measurements

Fully test devices up to 44 GHz

- Choose from three frequency ranges—20 Hz to 8.4 GHz, 26.5 GHz, or 44 GHz
- Exceed requirements with outstanding accuracy (± 0.5 dB at 1 GHz), enabled by an all-digital IF
- Reveal low-level signals with excellent sensitivity (–166 dBm DANL at 1 GHz)
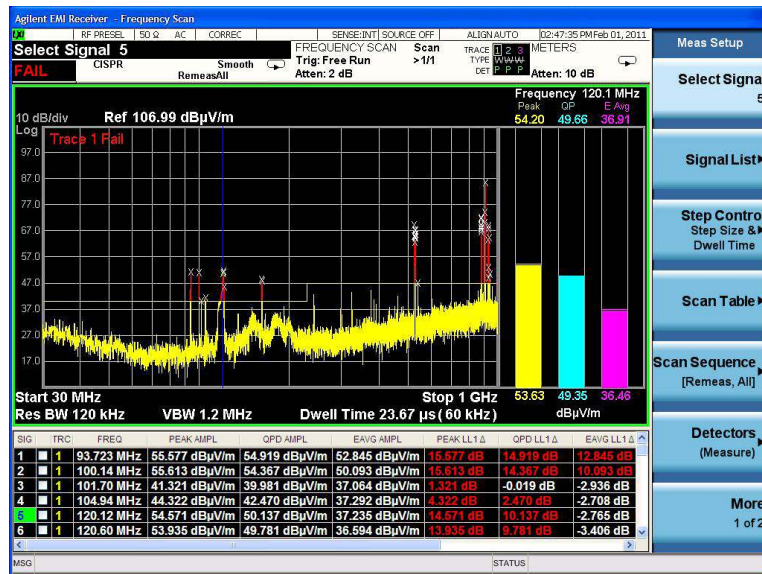
Diagnose noncompliant emissions

- Move seamlessly between EMI receiver, monitor spectrum, and spectrum analyzer modes to speed your evaluation of signal details
- Leverage extensive built-in diagnostic tools, including marker functions, trace zoom, zone span, and spectrogram

Agilent Technologies

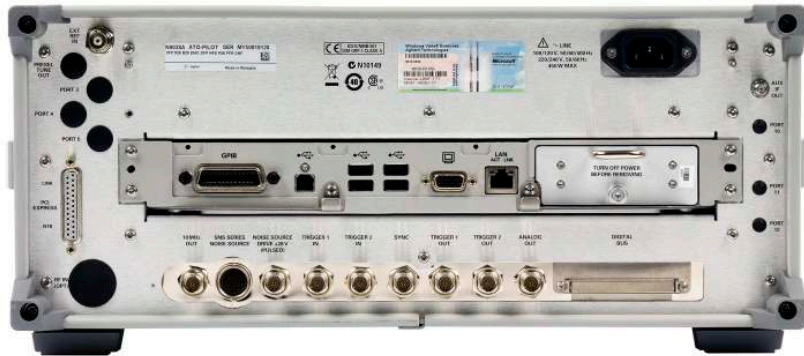## Evaluate emissions and identify suspect signals

- View all key EMC measurement elements with intuitive displays

- Display up to three simultaneous, real-time detectors for continuous signal monitoring

- Create suspect lists with traditional frequency or time domain scan

- Quickly select, delete, and re-measure emissions with Signal List

- Track signal trends versus time for up to 2 hours using Agilent-exclusive Strip Chart recording

MXE frequency scan with meters and signal list

Keep test assets current

Get the most out of your equipment budget with the MXE's upgradeable CPU, memory, disk drives, and I/O ports. In addition, a removable hard drive ensures your data stays secure. Enhance uptime with proven X-Series reliability, as well as Agilent's responsive worldwide service and support teams. When you need to add instrument functionality and measurement applications, do so with simple license key upgrades.

Get a complete EMI test solution

For a complete EMI test solution, Agilent Solutions Partners provide a single point of contact for you to combine the MXE with chambers, antennas, software, value-added integration, probes, and more.

www.agilent.com/find/mxe

3 WARRANTY **Three-Year Warranty**

www.agilent.com/find/ThreeYearWarranty

myAgilent

www.agilent.com/find/myagilent
A personalized view into the information most relevant to you.

Agilent Advantage Services

www.agilent.com/find/AdvantageServices
Accurate measurements throughout the life of your instruments.

Agilent Technologies