

Information Only Service Note

Supersedes:
NONE

N9048B PXE EMI Receiver

Serial Numbers: ALL

RBW Selectivity test failed at third Party calibration lab required a software upgrade to A.39.xx and later

Parts Required:

None. Software update only

ADMINISTRATIVE INFORMATION

☐ Calibration Required
☒ Calibration NOT Required

PRODUCT LINE: 12
AUTHOR: YC

ADDITIONAL INFORMATION:

Situation:

There have been reports of RBW selectivity test failures in EMI mode at third-party calibration labs. However, the test passes without issues at Keysight calibration labs when performed in SA mode using TME software.

This test can be conducted in both SA and EMI modes using different methodologies, and it complies with CISPR limits in either case. The failures observed at the third-party calibration lab were caused by a software bug in EMI mode, which introduced an offset in meter readings and resulted in RBW filter shape shifting. This issue was resolved in software version A.39.00.

Solution/Action:

For customers who send the N9048B to a third-party calibration lab and find that the RBW selectivity test is failing, we recommend upgrading the software to version A39.00 or later.

Revision History:

Date	Service Note Revision	Author	Reason for Change
December 9, 2024	01	Yin Chei, Wong	As Published