# Modification Recommended Service Note

Supersedes:
NONE

## N9048B PXE EMI Receiver

Serial Numbers:  MY59290103, MY59290104, MY59290105, MY59290118, MY59290119, MY59290123, MY59290148, MY59500028, MY60300111, MY60450101, MY61390105, MY61390113, MY62220123, MY62220127, MY63030111, MY63072015, MY63472028, MY63472003

**The Problem** – Characterize Noise Floor required prompt even Characterize Noise Floor is performed.

Parts Required:
NONE. Software update only

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ADMINISTRATIVE INFORMATION

| ACTION CATEGORY: | [[]] ON SPECIFIED FAILURE<br>[X] AGREEABLE TIME | STANDARDS<br>LABOR: 0.5 Hours | | |
|---|---|---|---|---|
| LOCATION CATEGORY: | [X] CUSTOMER INSTALLABLE (**No Parts involved**)<br>[X] SERVICE CENTER<br>[[]] ON-SITE (active On-site contract required)<br>[[]] CHANNEL PARTNERS | SERVICE: [[]] RETURN<br>INVENTORY: [[]] SCRAP<br>[[]] SEE TEXT | USED PARTS: | [[]] RETURN<br>[[]] SCRAP<br>[[]] SEE TEXT |
| AVAILABILITY: | PRODUCT'S SUPPORT LIFE | NO CHARGE AVAILABLE UNTIL: Aug 1, 2025 | | |
| | [[]] Calibration Required<br>[X] Calibration NOT Required | PRODUCT LINE: 12<br>AUTHOR: YC | | |

ADDITIONAL INFORMATION:

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**KEYSIGHT**
TECHNOLOGIES

Situation:

After the Characterize Noise Floor alignment is expired and Characterize Noise Floor alignment is performed, found that SystemNoiseModelDensityForTDSAlgorithm alignment is failing. This issue was fixed with XA30 but there is regression issue with firmware revision XA36, XA37 and XA38.

The issue only appears on instruments with option 503 and WF1 and with the serial numbers shown above.

Solution/Action:
Download and install instrument software A.39.00 or later. Perform the Characterize Noise Floor routine. Press System (the gear icon in the upper right portion of the instrument screen), Alignments, Advanced, Characterize Noise Floor.
Instrument software is available at:
https://www.keysight.com/find/xseries_software

Revision History:

| Date | Service Note Revision | Author | Reason for Change |
|---|---|---|---|
| 01 Aug 2024 | 01 | Yin Chei, Wong | As Published |