

nRF9151 DK

Errata

v1.2

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1 nRF9151 DK Errata

This Errata document contains anomalies and configurations for the nRF9151 DK v0.9.0 and v1.4.0.

2 Revision history

See the following list for an overview of changes from previous versions of this document.

Version	Date	Change
1.2	17.08.2026	• Editorial change
1.1	11.08.2026	• Added: No. 9. "SIM card holder is defective"
1.0	10.10.2024	• Added: No. 1. "Receiver sensitivity is lower than specified for LTE, NR+, and GNSS operation "

3 New and inherited anomalies

The following anomalies are present in the nRF9151 DK.

ID	Module	Description	Affected versions
1	RADIO	Receiver sensitivity is lower than specified for LTE, NR+, and GNSS operation	0.9.0
9	SIM	SIM card holder is defective	1.4.0

Table 1: New and inherited anomalies

3.1 [1] nRF9151 DK: Receiver sensitivity is lower than specified for LTE, NR+, and GNSS operation

This anomaly applies to nRF9151 DK v0.9.0.

Symptoms

Receiver sensitivity is lower than specified in the nRF9151 Product Specification in the 700-1000 MHz LTE bands, the 1900 MHz NR+ band, and the 1575 MHz GNSS band.

Conditions

The nRF9151 DK v0.9.0 is supplied from USB and operating in LTE Cat-M1, Cat-NB1/2, NR+, or GNSS mode, and the USB peripheral on the nRF5340 Interface MCU is active.

Consequences

Range might be shorter than expected for LTE and NR+ operation. Time to first GNSS fix might be longer than expected. Tracking accuracy might be reduced in GNSS operation.

Workaround

Supply the nRF9151 SiP on the nRF9151 DK with an external PSU and interface directly with the nRF9151 UART peripheral instead of through the USB to UART interface of the nRF5340 Interface MCU.

This anomaly is fixed in the nRF9151 DK v1.0.0.

3.2 [9] nRF9151 DK: SIM card holder is defective

This anomaly applies to nRF9151 DK v1.4.0.

Symptoms

The nRF9151 SiP does not detect the SIM card on the nRF9151 DK.

Conditions

Component D5 is mounted with a 180-degree rotation.

Consequences

The SIM card holder does not function correctly, which results in the nRF9151 SiP not recognizing the SIM card.

Workaround

Contact your distribution vendor to request a replacement kit.

Alternatively, use one of the following workarounds:

- Rotate component D5 so that the white dot on the component aligns with the corresponding white dot on the PCB silkscreen.
- Use an eSIM instead of a physical SIM card. The nRF9151 SiP supports eSIM functionality, and the eSIM can be mounted on the U6 footprint.
- Use a SoftSIM instead of a physical SIM card. The nRF9151 SiP supports SoftSIM functionality.