

nRF21540

Revision 1

Errata

v1.0

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1 nRF21540 Revision 1 Errata

This Errata document contains anomalies for the nRF21540 chip, revision Revision 1 (QDAA-F00).

The document indicates which anomalies are fixed, inherited, or new compared to revision [Engineering B](#).

2 Revision history

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

Version	Date	Change
nRF21540 Revision 1 v1.0	11.02.2021	<ul style="list-style-type: none">Added: No. 4. "Low PA or LNA gain"

3 New and inherited anomalies

The following anomalies are present in revision Revision 1 of the nRF21540 chip.

ID	Module	Description	New in Revision 1
4		Low PA or LNA gain	X

Table 1: New and inherited anomalies

3.1 [4] : Low PA or LNA gain

This anomaly applies to IC Rev. Revision 1, build codes QDAA-F00.

Symptoms

Gain is low or negative in PA or LNA after enabling the feature. The gain can normalize after some time.

Conditions

- PA: When transitioning RX->PG->TX.
- LNA: When transitioning TX->PG->RX.

Consequences

TX output power is low in the beginning of TX state or RX sensitivity is low in the beginning of RX state.

Workaround

None.