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## ANT7-T-25DV64KC board limitation

### Board identification

This errata sheet applies to the [ANT7-T-25DV64KC](#) boards with stickers ANT7-T-25DV64KC/A on the envelope box. Boards with stickers ANT7-T-25DV64KC/B and later are not impacted.

# 1 Limitation

## 1.1 Description

On some Android™ phones, reading the tag can lead to a slow response of the phone. The reason is that the mobile phone tries to read the full content of the tag before processing other NFC tasks. iOS phones are not impacted.

## 1.2 Fix with an Android™ phone and the ST25 NFC Tap Android™ application

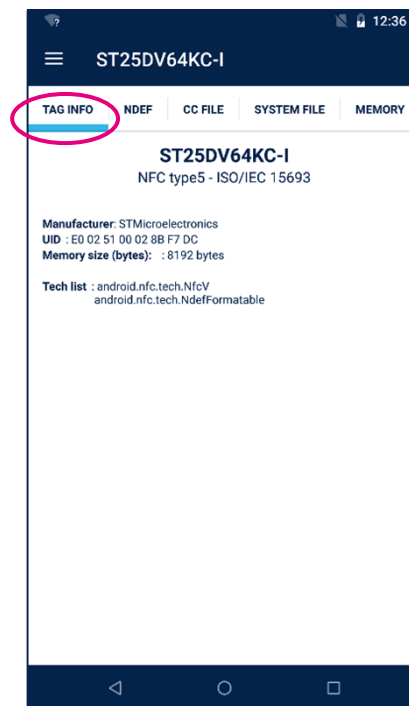
To avoid the phone slow response time, the tag CC file registers must be reprogrammed with adequate default values:

- Open the ST25 NFC Tap App (STSW-ST25001)
- Tap the tag
- Keep the phone on the tag during the entire process
- Follow the steps below

### Wait for the tag information screen

Wait for the “TAG INFO” screen to be displayed as shown in Figure 1. When the issue happens, the phone reads the entire memory in the background; it can take up to one minute to see this screen.

**Figure 1. Tag information screen**



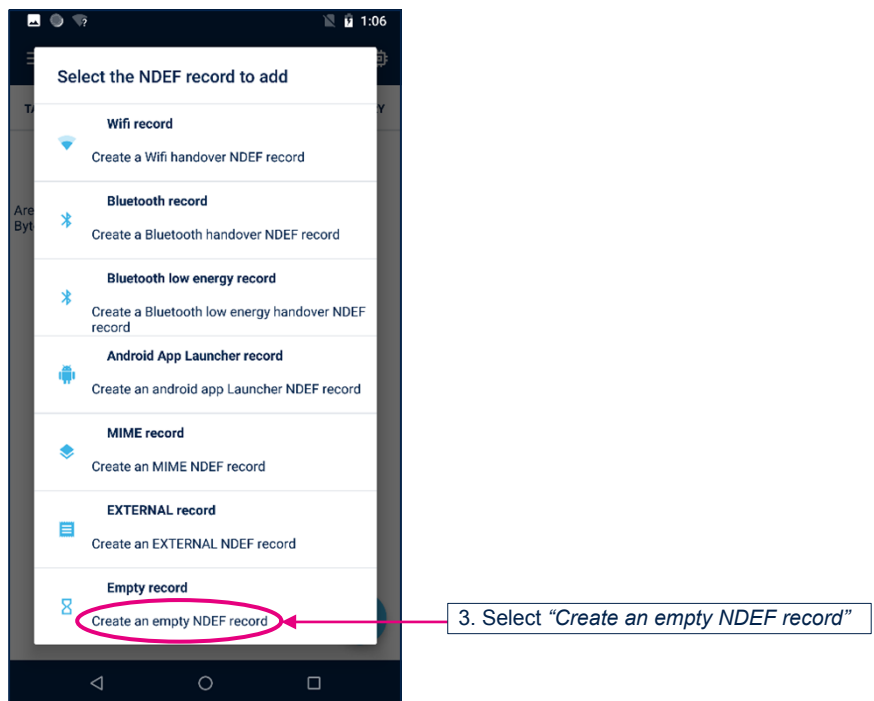
Select the “NDEF” screen to add an NDEF record

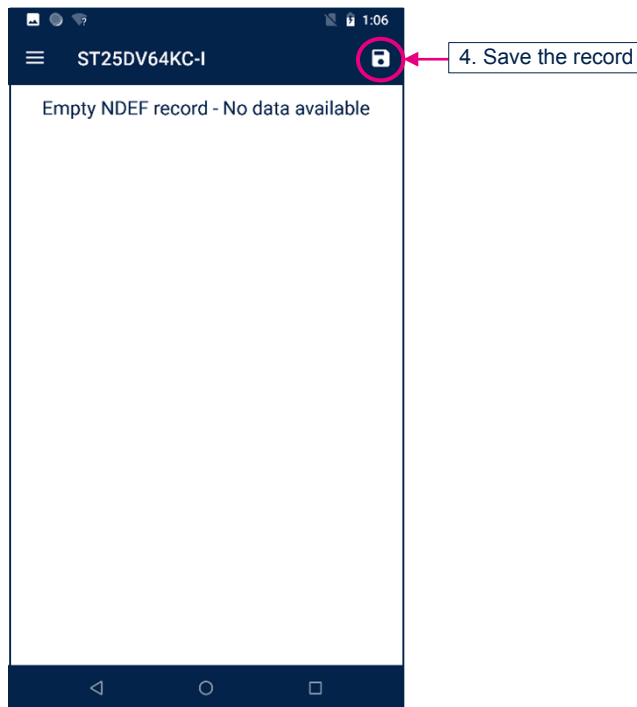
**Figure 2.** “NDEF” screen and addition of an NDEF record



Create an empty NDEF record

**Figure 3.** Creation of an empty NDEF record



**Save the record**
**Figure 4. Saving the record**


At this point, the default values of the tag CC file registers are correctly set. As a result, every Android™ phone behaves as expected against the tag.

After this phase, the created empty NDEF record is no more useful and can be deleted using the ST25 NFC Tap Android™ application. This reconfigures the tag to an empty state (this phase is not mandatory).

## Revision history

**Table 1. Document revision history**

Date	Revision	Changes
1-Jul-2022	1	Initial release.

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