



TVRC Errata Item

1 Errata Item Details

TVRC Errata Item ID	TVRC-EE099
Date Received	2016-02-26
TVRC ID	EE99
Date Resolved	2016-05-31
CC/TWG Kavi Comment Reference	n/a
TWG Change Request (CR)	testingwg.00132.2012.testingwg.00132.2012.testingwg_00132_2012 CR for TC T2T NDA BV 3 1 wrong memory layout specified.000.docx

2 Document Details

TC Document Name	Test Cases for Tag Type 2 Operations version 1.2.01
TC Document Date	2015-10-22
TC Document Status	Published



3 Issue Summary

Functionality Area/Subject	T2TOperations
Test Case ID	TC_T2T_NDA_BV_3_x
Subcase	x=1
Scenario(s)	n/a
Step(s)	n/a

4 Issue Description

The CR [testingwg.00132.2012.testingwg.00132.2012.testingwg 00132 2012 CR for TC T2T NDA BV 3 1 wrong memory layout specified.000.docx](#) has not been implemented in the document [Test Cases for Tag Type 2 Operations version 1.2.01](#). Therefore, the test case TC_T2T_NDA_BV_3_x in the document Test Cases for the Type 2 Tag Operation version 1.2.01 shall be replaced by the test case in §5



5 Approved Resolution

3.5.4.1 NDEF Detection and Read from Type 2 tag (x = 0 to 2) [TC_T2T_NDA_BV_3_x]

TC Id	TC_T2T_NDA_BV_3_x
RQ reference	RQ_T2T_MEM_010, RQ_T2T_MEM_013, RQ_T2T_MEM_014, RQ_T2T_MEM_017, RQ_T2T_MEM_030, RQ_T2T_MEM_031, RQ_T2T_MEM_033, RQ_T2T_NDA_003, RQ_T2T_NDA_004, RQ_T2T_NDA_005, RQ_T2T_NDA_008, RQ_T2T_NDA_010, RQ_T2T_NDA_011, RQ_T2T_NDA_014, RQ_T2T_NDA_016
Test Purpose	<p>ensure that</p> <pre>{ when { the IUT attempts to read an NDEF message from an NDEF enabled Type 2 Tag } then { the IUT respects the NDEF detection procedure and the NDEF read procedure as defined in [T2TOP] } }</pre>
Comments	
Selection	
Test Configuration Functions	Poll Mode Resolution Process (see [DTA]) Type 2 Tag Operation NDEF Read Test Functionality (see [DTA])
Conditions	<p>The Generic Information (see Section 2) applies.</p> <p>The test starts (step 1 of the scenario) upon receipt of an SEL_RES (Configured for Type 2 Tag platform, NFCID1 complete) sent by the LT during Device Activation Activity.</p> <p>The LT uses:</p> <ul style="list-style-type: none"> • For x=0, the READ/WRITE T2T Static Memory Layout, • For x=1, the READ/WRITE INITIALIZED T2T Dynamic Memory Layout, and • For x=2, the READ/WRITE T2T Dynamic Memory Layout with Lock Control TLV <p>The LT uses the T2T frame format and a bit rate of 106 kb/s.</p>



TC Id	TC_T2T_NDA_BV_3_x
Test case scenario	Run the following scenario. Until the end of the scenario, when an NFC-A sequence sent by the LT is followed by a NFC-A sequence sent by the IUT, the LT observes the commands transmitted by the IUT.
Acceptance criteria	The IUT sends commands and behaves as described in the following scenarios: For x=0 and 1: <ul style="list-style-type: none"> The IUT reads the Capability Container and sends the following commands as described in the scenario. The IUT reads the first NDEF Message TLV and sends the following commands as described in the scenario. The IUT reads the whole NDEF message from the first NDEF Message TLV and sends the following commands as described in the scenario. For x=2: <ul style="list-style-type: none"> The IUT reads the Capability Container and sends the following commands as described in the scenario. The IUT reads the Lock Control TLV and sends the following commands as described in the scenario. The IUT reads the first NDEF Message TLV and sends the following commands as described in the scenario. The IUT reads the whole NDEF message from the first NDEF Message TLV and sends the following commands as described in the scenario.

Step	Exchanges	Comments
1	IUT ◀ '00'	◀ LT SEL_RES
2	IUT ▶ T2T_CMD-init ₀	▶ LT T2T_CMD-init
3	IUT ◀ T2T_RSP-init ₀	◀ LT T2T_RSP-init



Step	Exchanges	Comments
	<p>Continue Type 2 Tag Command/Response exchanges until application is completed</p> <p>For x=0 and 1:</p> <ul style="list-style-type: none"> Type 2 Tag Commands are sent to read the Capability Container and the first NDEF Message TLV <p>For x=2:</p> <ul style="list-style-type: none"> Type 2 Tag Commands are sent to read the Capability Container, the Lock Control TLV, and the first NDEF Message TLV 	
+ j	IUT ▶ '50 00'	▶ LT SLP_REQ

6 Document Updates to be Applied

[Test Cases for Tag Type 2 Operations version 1.2.01](#)

7 Information to the Authorized Labs

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8 Information to the CA

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