



TVRC Errata Item

1 Errata Item Details

Title	Technology Detection for Type 1 Tag Operation
Certification Release(s) affected	CR9 & CR10
TVRC Errata Item ID	TVRC-EE102
Date Received	2016-12-01
TVRC ID	EE102
Date Resolved	2016-12-13
CC/TWG Kavi Comment Reference	n/a
TWG Change Request (CR)	testingwg.00480.2016.Technology Detection for Type 1 Tag Operation Spec.001.docx

2 Document Details

TC Document Name	Test Cases for Tag Type 1 Operations
TC Document Date	2015-12-11
TC Document Status	Published



3 Issue Summary

Functionality Area/Subject	Type 1 Tag Operation test cases
Test Case ID	TC_T1T_READ_BV_1 TC_T1T_WRITE_BV_1 TC_T1T_READ_BV_2 TC_T1T_WRITE_BV_2 TC_T1T_READ_BV_3 TC_T1T_WRITE_BV_3 TC_T1T_READ_BV_4 TC_T1T_WRITE_BV_4 TC_T1T_READ_BV_5 TC_T1T_WRITE_BV_5 TC_T1T_TRANS_BV_1
Subcase	n/a
Scenario(s)	n/a
Step(s)	n/a

4 Issue Description

Preamble is incorrect. TWG agreed to isolate the Tag Operation layer and the Digital Protocol, meaning that we should remove Technology Detection in Test Cases for Tag Type 1 Operations (version 1.2.01). Something similar has already been done for LLCP and SNEP.



5 Approved Resolution

2.3.2 Default Protocol Test Conditions

Unless specified in the test description, the IUT shall never stop sending the carrier during a transaction. Unless specified in the test description, the LT shall apply the default NFC Forum Device timing and the default NFC Forum Device parameter values.

Whenever “Conditions” indicates: “The test starts (step 1 of the scenario) upon receipt of an RID response (Type 1 Tag platform complete) sent by the LT during Device Activation Activity; An example of device activation is shown in TC_DP11_POL_NFCA_T1T_BV_1_x_y defined in Test Cases for Digital Protocol ~~the following example may be used as the test preamble.~~

Scenario T1T Test Preamble Until RID Response				
Step		Exchanges		Comments
1	IUT →	'52' or '26' (short frame)	→LT	ALL_REQ or SENS_REQ
2	IUT ←	'00-0C'	←LT	SENS_RES
3	IUT →	'78' + '00-00' + '00-00-00-00' + 'CRC1 CRC2'	→LT	RID

The last step of the test preamble with the RID Response is the first step of the scenario of a given Test Case.

6 Document Updates to be Applied

Test Cases for Type 1 Tag Operation Version 1.2.01

7 Information to the Authorized Labs

n/a

8 Information to the CA

n/a