

# Test Case Report

Test case: RTC

Result: **Pass**

## Test case description:

Testcase RTC: The behavior regarding RTC is checked with this test.

## General Information

### Date

Date 28.02.2019

Time 10:55

### Automated RT Tester

Version 2.35.2.2

Project Name ART\_V3.13.0.3

### Test case

Version 2.0.0

### Device

Vendor ID 0x011E

Device ID 0xFFFF1

Mac Address 00:02:A2:35:20:03

## Test Execution

**Number of Errors** 0

## Test Execution Log

1	<a href="#">10:53:33: RTC - First Scenario: Checking of sending RTC-Frames by the DUT started.</a>
2	10:53:40: Checking of sending RTC-Frames: Establish IOC-AR. PDPortDataCheck with CheckPeers shall be written with correct parameters to Port 1 of the DUT.
3	10:53:41: Checking of sending RTC-Frames: Check IOPS.
4	10:53:41: Checking of sending RTC-Frames: Check DataStatus.
5	10:53:41: Checking of sending RTC-Frames: Rename device B.
6	10:53:47: Checking of sending RTC-Frames: Check DataStatus.
7	10:53:53: Checking of sending RTC-Frames: Release IOC-AR.
8	10:53:53: Checking of sending RTC-Frames: Check Release Alarm.
9	<a href="#">10:54:01: RTC - Second scenario: Receiving RTC frames by the DUT with cycle counter check started.</a>
10	10:54:01: Cycle counter check: Check Precondition
11	10:54:01: Cycle counter check: Precondition not fulfilled. No submodule available
12	<a href="#">10:54:09: RTC - Second scenario: Receiving RTC frames by the DUT with DataValid bit check started.</a>
13	10:54:10: DataValid bit check: Establish IOC-AR.
14	10:54:11: DataValid bit check: Send cyclic data with DataValid not set.
15	10:54:11: DataValid bit check: RTA-Error check.
16	<a href="#">10:54:19: RTC - Second scenario: Receiving RTC frames by the DUT with TransferStatus check started.</a>
17	10:54:20: TransferStatus check: Establish IOC-AR.
18	10:54:20: TransferStatus check: Send cyclic data with wrong TransferStatus (0x0F)
19	10:54:21: TransferStatus check: RTA-Error check.
20	<a href="#">10:54:29: RTC - Second scenario: Receiving RTC frames by the DUT with Other checks started.</a>
21	10:54:30: Other checks: Establish IOC-AR.
22	10:54:30: Other checks: ProviderState changed from Run (1) to Stop (0)
23	10:54:30: Other checks: StationProblemIndicator changed from 0 to 1
24	10:54:31: Other checks: Release IOC-AR.
25	10:54:31: Other checks: Check Release Alarm.
26	<a href="#">10:54:49: RTC - Third Scenario: Checking of different data location within the data frame started.</a>
27	10:54:50: Checking of different data location: Establish IOC-AR with special data structure Nr. 1
28	10:54:50: Checking of different data location: Check IOxS.
29	10:54:50: Checking of different data location: Release IOC-AR.
30	10:54:51: Checking of different data location: Check Release Alarm.

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31	10:55:01: Checking of different data location: Establish IOC-AR with special data structure Nr. 2
32	10:55:01: Checking of different data location: Check IOxS.
33	10:55:01: Checking of different data location: Release IOC-AR.
34	10:55:01: Checking of different data location: Check Release Alarm.
35	10:55:11: Checking of different data location: Establish IOC-AR with special data structure Nr. 3
36	10:55:12: Checking of different data location: Check IOxS.
37	10:55:12: Checking of different data location: Release IOC-AR.
38	10:55:12: Checking of different data location: Check Release Alarm.