

Clarification Request

References: BTL Specified Tests 14.X2.2 Initiating an Original-Unicast-NPDU

Background / Proposed Solution:

There is a BTL Specified Test 14.X2.2 **Initiating an Original-Unicast-NPDU** Test, but it does not check whether the IUT also mistakenly transmits an accompanying Distribute-Broadcast-to-Network packet when it is initiating an Original-Unicast-NPDU.

Question:

Should the following test be used for BTL Specified Test 14.X2.2, instead of reusing by reference the steps of test 135.1 - 2009 - 14.2.3 ?

14.X2.2 Initiating an Original-Unicast-NPDU

Configuration Requirements: DNET/DADR and SNET/SADR fields in the Network Layer header shall not be present in step 1.

Test Steps:

1. RECEIVE
Register-Foreign-Device
2. TRANSMIT
BVLC-Result,
'Result Code' = Successful completion
3. TRANSMIT
Original-Unicast-NPDU,
NPDU = Read-Property
4. RECEIVE
Original-Unicast-NPDU,
NPDU = Read-Property-Ack
5. TRANSMIT
SOURCE (any address other than TD)
Original-Unicast-NPDU,
NPDU = Read-Property
6. RECEIVE
DESTINATION = (address of SOURCE in step 5)
Original-Unicast-NPDU,
NPDU = Read-Property-Ack
7. MAKE (the IUT initiate a unicast, if it is able to)
8. RECEIVE
Original-Unicast-NPDU,
NPDU = (any)

Notes to tester: Ensure that no accompanying Distribute-Broadcast-to-Network packet (it would potentially be sent to the TD masquerading as a BBMD) appears when IUT is transmitting the Original-Unicast-NPDUs.

Response:

No, leave it as is. The intention is a fundamental test.