### Test 070-04-02 Bad PDID Device Identification

Determine if there is an improper response to the osdp\_PDID command as indicated in Table 48. This occurs when the ACU expects a given device to be connected a given channel and address.

##### PD

PD MUST properly respond to the PDID command with proper responses for the device under test, it is then up to the ACU to determine whether or not the device information matches expectations.

##### ACU

ACU MUST accept and process the response bad response and take appropriate action, however this is not specified and not tested. This can include ceasing to communication and taking further actions as appropriate. This can include alarm conditions such as bad device, device offline and other means of identifying the existence of a unexpected PDID response.

#### Purpose

Used so the PD can provide the ACU device details and in the case of a bad PDID it can take appropriate action. There is not use case in terms of ACU actions that are covered by the specification.

#### Criteria

|  |  |
| --- | --- |
| Basic OSDP (PD) | Not Required |
| Basic OSDP (ACU) | Require |
| Secure Channel (PD) | Not Required |
| Secure Channel (ACU) | Required |
| BIO Match (PD) | Not Required |
| BIO Match (ACU) | Not Required |
| BIO Read (PD) | Not Required |
| BIO Read (ACU) | Required |
| Extended Packet Mode (PD) | Not Required |
| Extended Packet Mode (ACU) | Required |
| Extended Read/Write (PD) | Not Required |
| Extended Read/Write (ACU) | Required |

#### Test action

##### PD Test

Send an osdp\_PDID command to the PD and determine that the information returned conforms with Table 48 and is NOT accurate for the device under test. This is done by substituting a different device on an existing channel and address. In the case of secure channel this breaks communications as the cUID in certain Secure Channel operations.

##### ACU Test

Not performed.

#### Development status

Available in libosdp-conformance [1.32-Build-2](https://github.com/Security-Industry-Association/libosdp-conformance/releases/tag/1.32-2)

#### Test Results

JSON tags

|  |  |
| --- | --- |
| Test | 070-04-02 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

New as 2.4.2

Update as 2.5.3