### Test 050-09-01 Packet Format

#### Description

##### PD

PD’s must only send responses that follow the structure as defined in Table 1 – Packet Formatin the OSDP standard documentation.

##### ACU

ACU’s must only send commands that follow the structure as defined in Table 1 – Packet Formatin the OSDP standard documentation.

#### Purpose

#### All messages, regardless of origin, shall follow the structure as defined in Table 1 – Packet Format in the OSDP standard documentation.

#### Criteria

|  |  |
| --- | --- |
| Basic OSDP (PD) | Required |
| Basic OSDP (ACU) | Required |
| Secure Channel (PD) | Required |
| Secure Channel (ACU) | Required |
| BIO Match (PD) | Required |
| BIO Match (ACU) | Required |
| BIO Read (PD) | Required |
| BIO Read (ACU) | Required |
| Extended Packet Mode (PD) | Required |
| Extended Packet Mode (ACU) | Required |
| Extended Read/Write (PD) | Required |
| Extended Read/Write (ACU) | Required |

#### Test action

##### PD Test

Send responses and verify that the packet format is correct

##### ACU Test

Send commands and verify that the packet format is correct

#### Development status

Available in libosdp-conformance 1.28-1

#### Test Results

JSON tags

|  |  |
| --- | --- |
| test | 050-09-01 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

Refreshed for 2.1.