### Test 050-09-03 SOM – Start of Message

#### Description

##### PD

PD’s must at the start of every response packet have the SOM value of 0x53.

##### ACU

ACU’s must at the start of every command packet have the SOM value of 0x53.

#### Purpose

The constant SOM value is 0x53, begins each message header. This character is used for synchronization.

#### 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

* Verify that every response packet starts with SOM value

##### ACU Test

* Verify that every command packet starts with SOM value

#### Development status

Available in libosdp-conformance 1.28-1

#### Test Results

JSON tags

|  |  |
| --- | --- |
| test | 050-09-03 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

Refreshed for 2.1.