### Test 070-03-04 NAK Error Bad CRC or Checksum

Determine proper error codes in NAK response as detailed in Table 47 for NAK Error Code Value 0x01 in the case of a bad CRC or Checksum.

##### PD

PD MUST respond with 0x01 for CRC or Checksum error

##### ACU

ACU MUST accept and process Error Code Value 0x01

#### Purpose

Used by PD to let ACU know that the check characters did not have the expected (correct) value.

#### Criteria

|  |  |
| --- | --- |
| Basic OSDP (PD) | Optional |
| 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 a command to the PD with incorrect message length and determine that the error response was not NAK code 0

##### ACU Test

Confirm ACU can process error code and react accordingly.

#### Development status

Available in libosdp-conformance [1.31-Build-4](https://github.com/Security-Industry-Association/libosdp-conformance/releases/tag/1.31-4)

#### Test Results

JSON tags

|  |  |
| --- | --- |
| test | 070-03-04 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

New as 2.4.2