### Test 070-03-07 NAK 4 Unexpected Sequence Number

Determine proper error codes in NAK response as detailed in Table 47 for NAK Error Code Value 0x04 in the case of an unexpected sequence number.

##### PD

PD MUST respond with 0x04 if it receives an unexpected sequence number.

##### ACU

ACU MUST accept and process Error Code Value 0x04 and reset to where the sequence number sent to the PD meets expectation (link synchronization).

#### Purpose

Used by PD to let ACU know that it received an unexpected sequence number

#### Criteria

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

#### Test action

##### PD Test

Send an unexpected sequence number to the PD and determine that the error response was NAK code 4

##### ACU Test

Confirm ACU can process error code and react accordingly to reestablish expected sequence numbers.

#### 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 | 070-03-07 |
| test-status | 1 for pass, 0 for fail |

#### Revision History

New as 2.4.2