The test cases here are described using Gherkin syntax, a non-technical, human readable language

The tests are ordered by opcode

# 0x95: Test\_EVULN

|  |  |
| --- | --- |
| Given: | The unit under test is in learn mode and valid eventNodeNumber, event number pair (eventIdentifier) |
| When: | The cbus message EVULN is sent |
| Then: | Expect a WRACK message from the unit under test |
| Additional: |  |

# 0x95: Test\_EVULN\_INVALID\_EVENT

|  |  |
| --- | --- |
| Given: | The unit under test is in learn mode and an invalid eventNodeNumber, event number pair (eventIdentifier) |
| When: | The cbus message EVULN is sent |
| Then: | Expect a CMDERR ‘Invalid Event’ message |
| Additional: |  |

# 0x95: Test\_EVULN\_SHORT

|  |  |
| --- | --- |
| Given: | The unit under test is in learn mode and valid event number |
| When: | The cbus message EVULN is sent with the last data byte missing |
| Then: | Expect a GRSP ‘Invalid Command’ message |
| Additional: |  |

# 0x96: Test\_NVSET

|  |  |
| --- | --- |
| Given: | The node number of the unit under test, a valid service index number, a valid node variable index and a valid node variable value |
| When: | The cbus message NVSET is sent |
| Then: | Expect a WRACK message from the unit under test |
| Additional: |  |

# 0x96: Test\_NVSET\_INVALID\_INDEX

|  |  |
| --- | --- |
| Given: | The node number of the unit under test, a valid service index number, an invalid node variable index and a valid node variable value |
| When: | The cbus message RDGN is sent |
| Then: | Expect a CMDERR message with a result of ‘Invalid node variable index’ (10) |
| Additional: |  |

# 0x96: Test\_NVSET\_SHORT

|  |  |
| --- | --- |
| Given: | The node number of the unit under test, a valid service index number, a valid node variable index and a valid node variable value |
| When: | The cbus message RDGN is sent with the last data byte missing |
| Then: | Expect a GRSP message with a result of ‘Invalid Command’ (?) |
| Additional: |  |