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| **sSBOes1** | **SelectWithValue, Operate and CommandTermination** | [ ]  Passed[ ]  Failed[ ]  Inconclusive |
| IEC 61850-7-2 Subclause 20.3.3IEC 61850-8-1 Subclause 20.6, 20.7 and 20.8PIXIT: Ct24, Ct25, Ct26, Ct27  |
| Expected result1. DUT responds with SelectWithValue response+
2. DUT responds with Operate response+
3. DUT reports CommandTermination+
4. The control object returned to the “Unselected” state: stSeld=F or DUT sends SelectWithValue response+ or Operate response‐ with AddCause “Object-not-selected”
5. After operate timeout DUT reports CommandTermination- with AddCause “Invalid-position” or “Time-limit-over”
6. After operate timeout DUT reports CommandTermination‐ with AddCause “Invalid-position”
 |
| Test description1. Client sends correct SelectWithValue request
2. Client sends correct Operate request followed by
3. If the DUT supports external control objects for this control model, force EQUIPMENT SIMULATOR to go to the new state
4. To verify the control object returned to the unselected state Client requests either GetDataValues(stSeld), SelectWithValue + Cancel or Operate

If the DUT supports external control objects for this control model execute step 5 and 6:1. Repeat steps 1 to 4 but at step 3 force EQUIPMENT SIMULATOR to keep the old state (when possible)
2. Repeat steps 1 to 4 but at step 3 force EQUIPMENT SIMULATOR to go to the intermediate state (when possible)
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| Comment |

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| **sDOes1** | **Operate and CommandTermination** | [ ]  Passed[ ]  Failed[ ]  Inconclusive |
| IEC 61850-7-2 Subclause 20.3.2IEC 61850-8-1 Subclause 20.7 and 20.8PIXIT Ct24, Ct25, Ct26, Ct27  |
| Expected result1. DUT responds with Operate response+
2. DUT reports CommandTermination+
3. After timeout DUT reports CommandTermination- with AddCause “Invalid-position” or “Time-limit-over”
4. After timeout DUT reports CommandTermination- with AddCause “Invalid-position”
 |
| Test description1. Client sends correct Operate request followed by
2. If the DUT supports external control objects for this control model, force EQUIPMENT SIMULATOR to go to the new state

If the DUT supports external control objects for this control model execute step 3 and 4:1. Repeat step 1 and 2 but at step 2 force EQUIPMENT SIMULATOR to keep the old state (when possible)
2. Repeat step 1 and 2 but at step 2force EQUIPMENT SIMULATOR to go to the in between state (when possible)
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| Comment |