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| **sSvs16** | **Verify that the DUT****uses** **-Samples flagged with quality test true when the device is in test****-Samples flagged quality test false when the device is in test or not****does not use** **-Samples flagged with quality test true when the device is NOT in test** | **[ ]  Passed****[ ]  Failed****[ ]  Inconclusive** |
| IEC 61850-7-4 Annex APIXIT Sr5, Svs1a |
| Expected result1. DUT subscribes the real sampled values according to PIXIT, LSVS.St = TRUE2. DUT ignores the test sampled values, LSVS.St = TRUE3. DUT subscribes the real sampled values according to PIXIT, LSVS.St = TRUE4. DUT subscribes the real sampled values according to PIXIT, LSVS.St = TRUE5. DUT subscribes the test sampled values, LSVS.St = TRUE6. DUT subscribes the real sampled values according to PIXIT, LSVS.St = TRUE |
| Test descriptionForce DUT into Mode = on 1. SIMULATOR publishes SV stream with samples **flagged quality test false**2. SIMULATOR publishes SV stream with samples **flagged quality test true**3. SIMULATOR publishes SV stream with samples **flagged quality test false**Force DUT into Mode = blocked (when supported)1. SIMULATOR publishes SV stream with samples **flagged quality test false**2. SIMULATOR publishes SV stream with samples **flagged quality test true**3. SIMULATOR publishes SV stream with samples **flagged quality test false**Force DUT into Mode = test (when supported)4. SIMULATOR publishes SV stream with samples **flagged quality test false**5. SIMULATOR publishes SV stream with samples **flagged quality test true**6. SIMULATOR publishes SV stream with samples **flagged quality test false**Force DUT into Mode = test/blocked (when supported)4. SIMULATOR publishes SV stream with samples **flagged quality test false**5. SIMULATOR publishes SV stream with samples **flagged quality test true**6. SIMULATOR publishes SV stream with samples **flagged quality test false** |
| CommentNote: LSVS is optional and only verified when available. LSVS.St is true as soon as the valid streams is received, regardless of the quality flag of the samples |

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| **sGos23** | **Verify that the DUT****uses** **-GOOSE signals flagged with quality test true when the device is in test****-GOOSEsignals flagged quality test false when the device is in test or not****does not use** **-GOOSE signals flagged with quality test true when the device is NOT in test** | **[ ]  Passed****[ ]  Failed****[ ]  Inconclusive** |
| IEC 61850-7-4 Annex APIXIT Sr5 |
| Expected result1. DUT subscribes the real signal values according to PIXIT, LGOS.St = TRUE2. DUT ignores the test signal values values, LGOS.St = TRUE3. DUT subscribes the real signal values according to PIXIT, LGOS.St = TRUE4. DUT subscribes the real signal values according to PIXIT, LGOS.St = TRUE5. DUT subscribes the test signal values, LGOS.St = TRUE6. DUT subscribes the real signal values according to PIXIT, LGOS.St = TRUE |
| Test descriptionForce DUT into Mod = on 1. SIMULATOR publishes GOOSE message with signals **flagged quality test false**2. SIMULATOR publishes GOOSE message with signals **flagged quality test true**3. SIMULATOR publishes GOOSE message with signals **flagged quality test false**Force DUT into Mod = blocked (when supported)1. SIMULATOR publishes GOOSE message with signals **flagged quality test false**2. SIMULATOR publishes GOOSE message with signals **flagged quality test true**3. SIMULATOR publishes GOOSE message with signals **flagged quality test false**Force DUT into Mod = test (when supported)4. SIMULATOR publishes GOOSE message with signals **flagged quality test false**5. SIMULATOR publishes GOOSE message with signals **flagged quality test true**6. SIMULATOR publishes GOOSE message with signals **flagged quality test false**Force DUT into Mod = test/blocked (when supported)4. SIMULATOR publishes GOOSE message with signals **flagged quality test false**5. SIMULATOR publishes GOOSE message with signals **flagged quality test true**6. SIMULATOR publishes GOOSE message with signals **flagged quality test false**If the Mod of subscriber Logical Node (i.e. the logical node that has been configured with the Inputs.ExtRef), can be set individually, repeat the test procedures for the supported value of LN.Mod.If the Mod of the Logical Device hosting the subscriber Logical Node (i.e. the logical node that has been configured with the Inputs.ExtRef), can be set individually, repeat the test procedures for the supported value of LLN0.Mod. |
| CommentNote: LGOS is optional and only verified when available. LGOS.St is true as soon as the valid GOOSE message is received, regardless of the quality flag of the signalsConfigure GOOSE simulator dataset with Ind1.ST.stVal and Ind1.ST.q as FCDAConfigure DUT to subscribe to Ind1.ST.stVal and Ind1.ST.q |