Solution to redmine #5286 Not all SV variants are verified in Amd1 TP1.1

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| sSvp18 | Verify sample rate and nofASDU for each claimed combination |

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| **sSvp18** | **Verify sample rate and nofASDU for each claimed combination** | **Passed**  **Failed**  **Inconclusive** |
| IEC 61869-9 Clause 6.903.2, 6.903.5, Table 902 | | |
| Expected result  2. Verify inter-frame interval and frame.nofASDU match the configuration. Frame time is plausibility check only. | | |
| Test description  1. Configure the DUT with first declared sample rate (F) and nofASDU (S) combination declared in SCL.LPHD.NamVariant  2. Capture the sampled value messages for at least 10 seconds  3. Repeat the test for all unique combinations of declared “F” and “S” values | | |
| Comment  Note: Variants differing only in dataset contents are not tested  The tested combinations are: F4000S1, F4800S2, etc. | | |

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| sSvs16 | Verify sample rate and nofASDU for each claimed combination |

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| **sSvs16** | **Verify sample rate and nofASDU for each claimed combination** | **Passed**  **Failed**  **Inconclusive** |
| IEC 61869-9 Clause 6.903.2, 6.903.5, Table 902  PIXIT Svs2a, Svs2b | | |
| Expected result  1. DUT subscribes the sampled values. | | |
| Test description  Configure the DUT to subscribe to the first declared sample rate (F) and nofASDU (S) combination (PIXIT)  1. SIMULATOR publishes SV stream  2. Repeat the test for all unique combinations of declared “F” and “S” values | | |
| Comment  Note: Variants differing only in dataset contents are not tested  The tested combinations are: F4000S1, F4800S2, etc. | | |

Add sSvp18 and sSvs16 to certificate and Table A.4.2 as mandatory

Specify the supported combinations on the certificate:

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| Issued to: | For the server product: |
| <TEST INITIATOR>  <FULL ADDRESS> | <PRODUCT ID and NAME>  <IEC 61850 software/firmware version: <VERSION>> [Hardware version: xxxxx or  S/N: xxxx, yyyy (in case of multiple samples)]  [SV publish: F4000S1, F4800S2, etc.]  [SV subscribe: F4000S1, F4800S2, etc] |