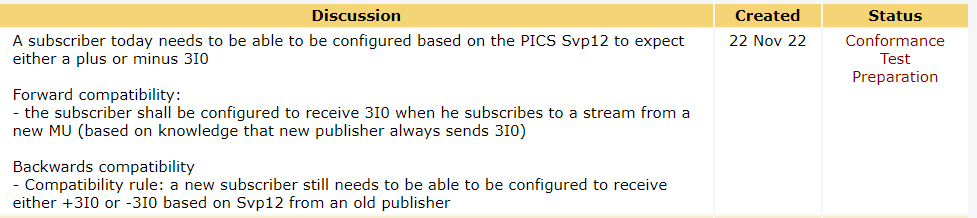
Solution to redmine 6192

Tissue 1730 Resolution



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| **sSvp8** | **Verify plausibility that the sampled values match with the analogue signals and quality** | **Passed**  **Failed**  **Inconclusive** |
| IEC 61869-9 Clause 6.903.9  PIXIT: Svp5, Svp12 | | |
| Expected result  3. Voltages   * If VN is calculated, check that VN is equal to the magnitude of VA, VB, VC when applying 1 phase voltage and near zero when no signal is applied. * For measured channels, verify match with signal source       Currents   * If IN is calculated, check that IN is equal to the magnitude of IA, IB, IC (verifying the sign) when applying 1 phase current and near zero when no signal is applied. * For measured channels, verify match with signal source (verifying the sign) when applying 1 phase current and near zero when no signal is applied   Quality   * The validity is good when the signal is measured or calculated * The overflow, badReference, oscillatory, oldData, inconsistent and operatorBlocked flags shall be set to false * The source shall be process * For backward compatible MSVCB it is permissible to set the “derived” bit (bit 13) when the value is calculated | | |
| Test description  1.  Configure the DUT with the highest rate backwards compatible configuration and the correct parameters and frequency  2.  Apply current and/or voltage signals to each phase 1 at-a-time for at least 5 seconds each then apply no signal for 10 seconds  3.  Capture the sampled values messages | | |
| Comment  This is a plausibility check not an accuracy test.  Tested with configuration: X | | |

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| Svp12  (depreated) | Calculated IN  = (Ia, Ib, Ic).  = -(Ia, Ib, Ic) | Y  N |

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| 1. 7 | Verify that the polarity of the subscribed IN can be configured (backward compatibility – compatibility rule) |

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| **sSvs17** | **Verify that the polarity of the subscribed IN can be configured (backward compatibility – compatibility rule)** | **Passed**  **Failed**  **Inconclusive** |
| IEC 61869-9  Tissue 1730,  PIXIT Svs12 | | |
| Expected result  1-2. DUT subscribes to the sampled values. In values have interpreted an -(Ia, Ib, Ic) according to PIXIT. | | |
| Test description  Configure DUT to subscribe to a random SV stream with a recommended destination MAC address  Verify that the configuration allows to interpret the In as –(Ia, Ib, Ic).  1. SIMULATOR publishes SV stream  2. Apply current signals to each phase 1 at-a-time for at least 5 seconds each then apply no signal for 10 seconds – published In as –(Ia, Ib, Ic). | | |
| Comment  Tested with configuration: X and Y | | |

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| Svs12 | Which function can be used to verify the polarity of subscribed samples In? |  |