

Tests Results for the TWIST 1.1.2

Test: Biggg

Leg: 1

Board serial number: 4

Converter type: TWIST 1.1.2

Power supply type: EAPSI9750

Load type: Active load

Results for test:

TestAccuracy

TestEfficiency

TestCoefficients

Tests parameters

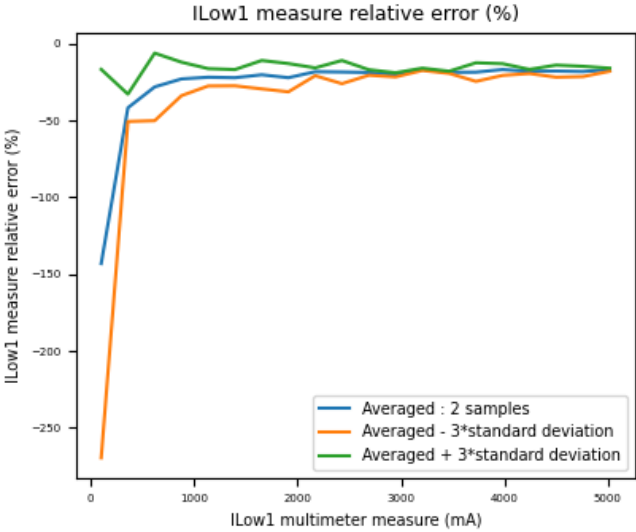
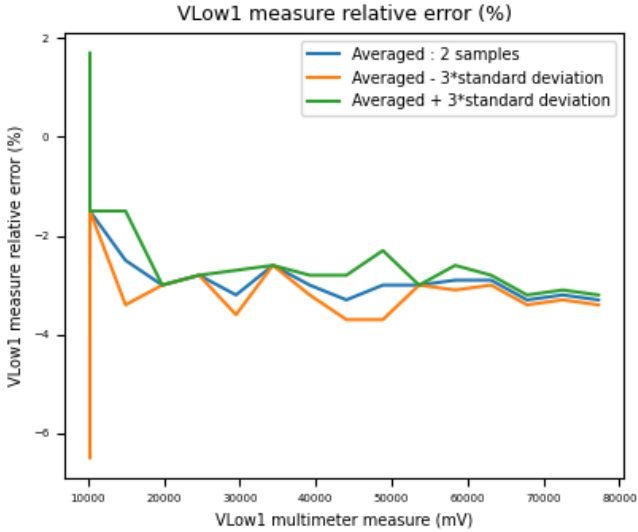
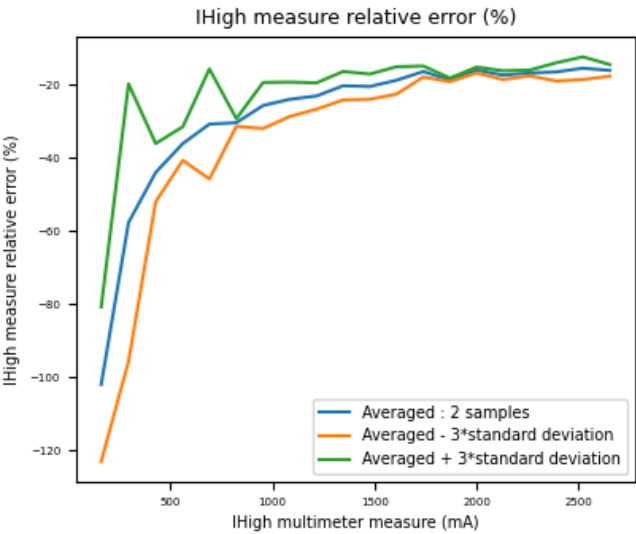
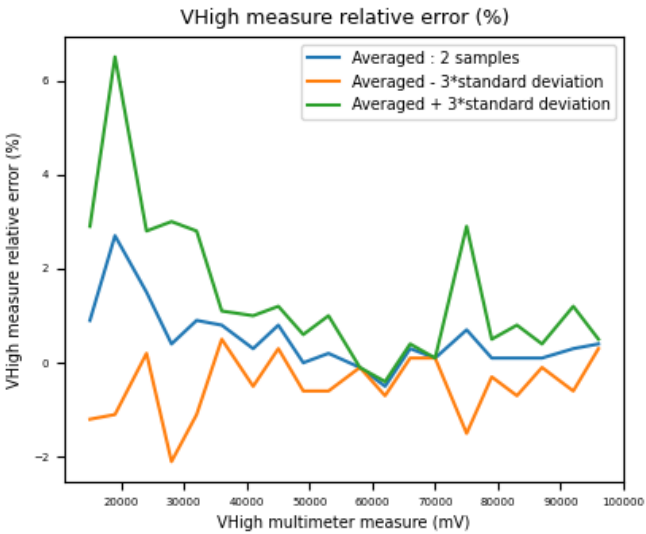
LoadInternalSafetyCurrent_A	10
LoadInternalSafetyPower_W	180
NumberOfPointsPerDuty	2
duty_step_Percent	5
NumberOfStepInDutySweep	2
starting_duty_cycle_Percent	5
AccVHighCalibrationDutyPercent	50
AccVHighCalibrationLowCurrent_mA	1000
AccIHighCalibrationDuty_Percent	50
AccIHighCalibrationVHigh_mV	48000
AccVLowCalibrationLowCurrent_mA	1000
AccVLowCalibrationVHigh_mV	96000
AccILowCalibrationDuty_Percent	50
AccILowCalibrationVHigh_mV	48000
AccNumberOfStepInVLowDutySweep	15
AccNumberOfVHighStep	20
AccStepMinVHigh_mV	15000
AccStepMaxVHigh_mV	96000
AccIHighNumberOfCurrentStep	20
AccIHighStepMinCurrent_mA	100
AccIHighStepMaxCurrent_mA	5000
AccILowNumberOfCurrentStep	20

AccLowStepMinCurrent_mA	100
AccLowStepMaxCurrent_mA	5000
EffNumberOfVHighStep	3
EffStepMinVHigh_mV	30000
EffStepMaxVHigh_mV	50000
EffNumberOfIHighStep	6
EffStepMinIHigh_mA	500
EffStepMaxIHigh_mA	5500
CoeffNumberOfTWISTMeas	5
CoeffVHighCalibrationDutyPercent	50
CoeffVHighCalibrationLowCurrent_mA	1000
CoeffIHighCalibrationDuty_Percent	50
CoeffIHighCalibrationVHigh_mV	48000
CoeffVLowCalibrationLowCurrent_mA	1000
CoeffVLowCalibrationVHigh_mV	96000
CoeffILowCalibrationDuty_Percent	50
CoeffILowCalibrationVHigh_mV	48000
CoeffStepMinVHigh_mV	15000
CoeffStepMaxVHigh_mV	96000
CoeffNumberOfVHighStep	5
CoeffStepMinCurrent_mA	100
CoeffStepMaxCurrent_mA	5000
CoeffNumberOfCurrentStep	5

Converter Calibration Coefficients

Board SN	4.0
Voltage Gain side 1	45.021
Voltage Offset side 1	-91759.0
Correlation Coefficient	1.0
Voltage Gain Entry	68.102
Voltage Offset Entry	524.0
Correlation Coefficient	1.0
Current Gain side 1	4.609
Current Offset side 1	-9622.0
Correlation Coefficient	1.0
Current Gain Entry	5.194
Current Offset Entry	-10633.0
Correlation Coefficient	0.999

Converter Accuracy



Converter Efficiency

