

DCCT Test Results for DCCT S/N: DCCT-M-A-0027

Overall Test Status: Failed!

Technician: Kevin Mandracchia, Life #: 25337

Test performed: 03/22/25, 08:46 AM

Raw Serial Number/Sticker Data: DCCT-M-A-0027-22501031067-BZ22481828-HBA22170010-22201030067-BZ22020477-HBA22150013-CTP-6303-50-A

FLT12 Fault Signal 1 and 2 Test Results

Test	Value	Status
FLT12 Overall Testing	N/A	Fail
FLT12 Positive Assertion	N/A	Pass
FLT12 Negative Assertion	N/A	Pass
FLT12 De-Assertion	N/A	Fail
FLT12 Initial Voltage	11.66 V	Fail
FLT12 Positive Fault Voltage	0.00 V	Pass
FLT12 Negative Fault Voltage	0.00 V	Pass

Pass/Fail Threshold Voltage for FLT12 Initial Voltage: >14.3V

Pass/Fail Threshold Voltage for FLT12 Fault Voltage: <1V

FLT12 Fault testing carried out with +/-1A current through DCCT

Test Current for IOUT Measurement: +/-10A at 10Hz Sinusoidal
(20Vpp sine into Kepco current control input)

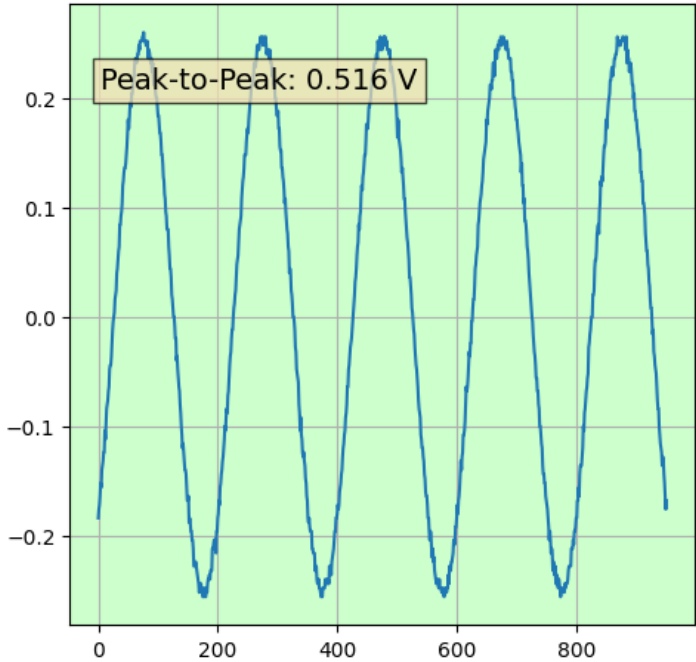
Sinusoidal Current Test Results

Test	Value	Status
CT Measurement Overall Testing	N/A	Pass
Channel 1 Voltage Threshold	0.516Vpp	Pass
Channel 2 Voltage Threshold	0.52Vpp	Pass
Channel 3 Voltage Threshold	21.6Vpp	Pass
Frequency and Phase	10.5 Hz, 180.05°	Pass

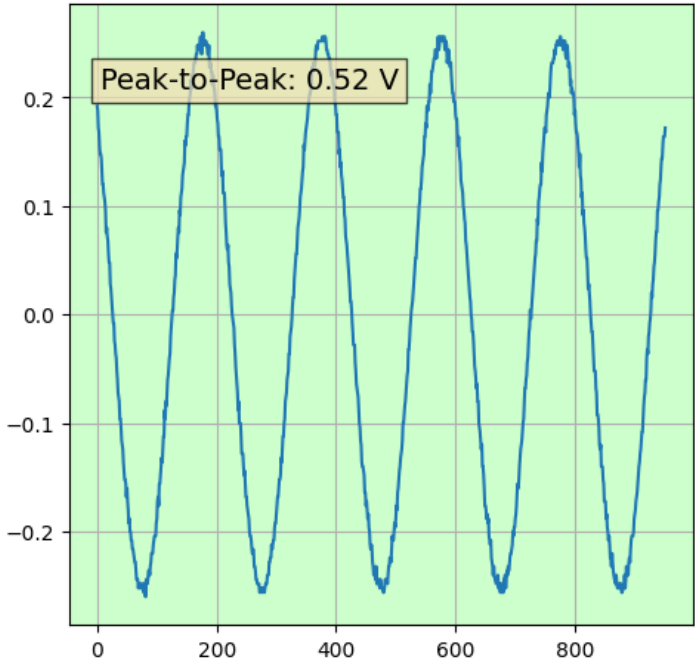
Current Test Waveforms

ALSu DCCT Test Data

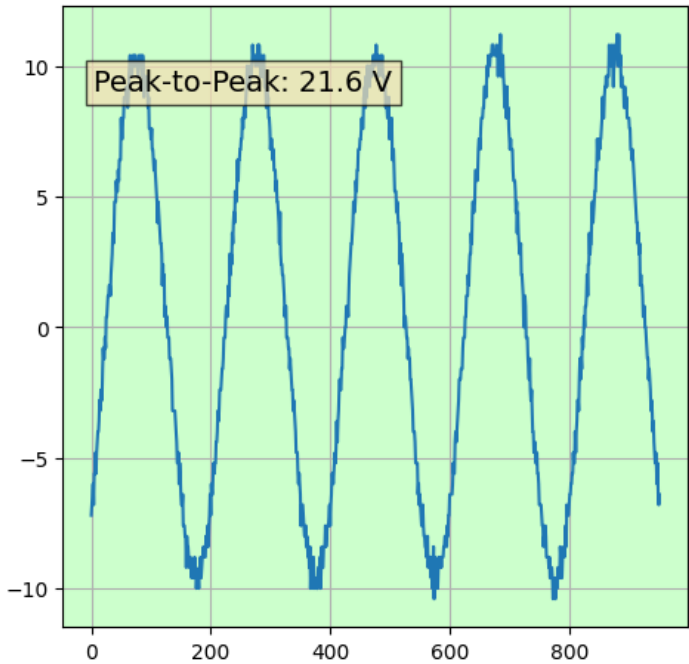
Channel 1, IOUT 1



Channel 2, IOUT 2



Channel 3, SIGNAL GEN



Channel 1 & Channel 2 (IOUT 1 and IOUT 2) Phase Shift

