

DCCT Test Results for DCCT S/N: DCCT-M-B-0042

Overall Test Status: Passed!

Technician: Kevin Mandracchia, Life #: 25337

Test performed: 03/21/25, 03:31 PM

Raw Serial Number/Sticker Data: DCCT-M-B-0042-22501031094-BZ22481912-HBB22170002-23101031052-BZ22481585-HBA22440007A-CTP-6303-50-

FLT12 Fault Signal 1 and 2 Test Results

| Test | Value | Status |
|------------------------------|---------|--------|
| FLT12 Overall Testing | N/A | Pass |
| FLT12 Positive Assertion | N/A | Pass |
| FLT12 Negative Assertion | N/A | Pass |
| FLT12 De-Assertion | N/A | Pass |
| FLT12 Initial Voltage | 14.77 V | Pass |
| 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)

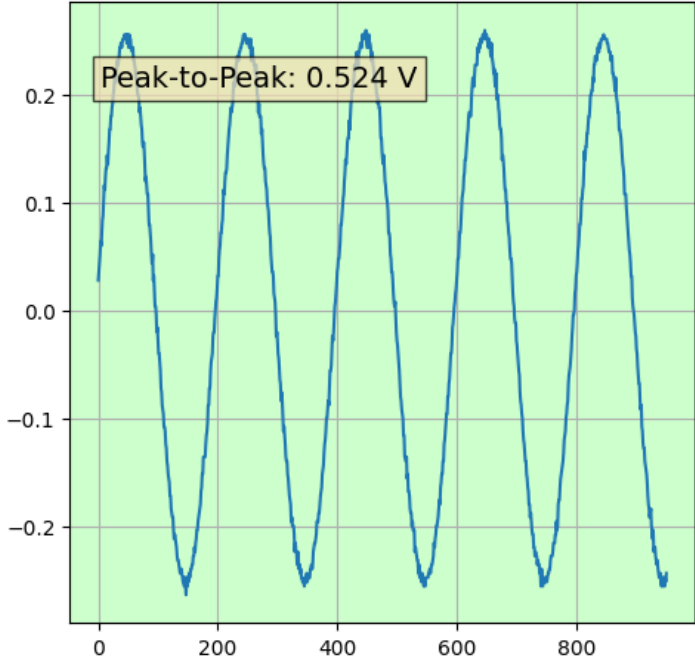
Sinusoidal Current Test Results

| Test | Value | Status |
|--------------------------------|------------------|--------|
| CT Measurement Overall Testing | N/A | Pass |
| Channel 1 Voltage Threshold | 0.524Vpp | Pass |
| Channel 2 Voltage Threshold | 0.52Vpp | Pass |
| Channel 3 Voltage Threshold | 22.0Vpp | Pass |
| Frequency and Phase | 10.5 Hz, 180.06° | Pass |

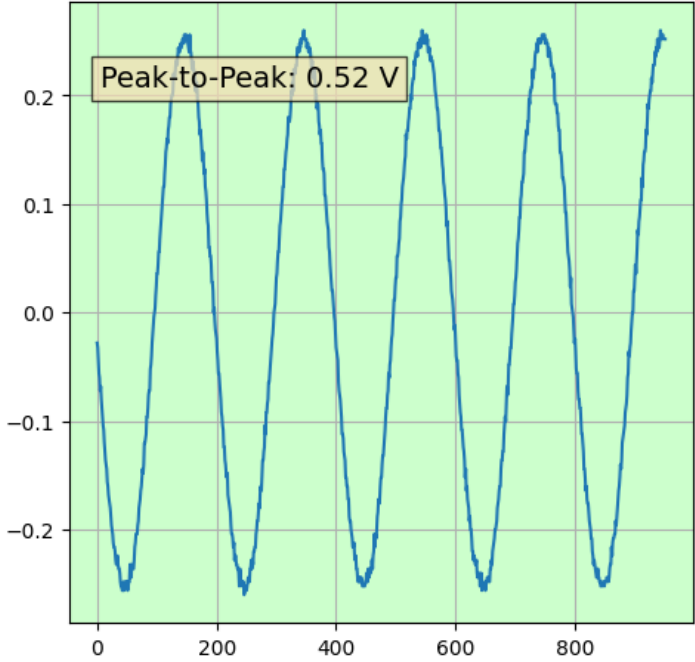
Current Test Waveforms

ALSu DCCT Test Data

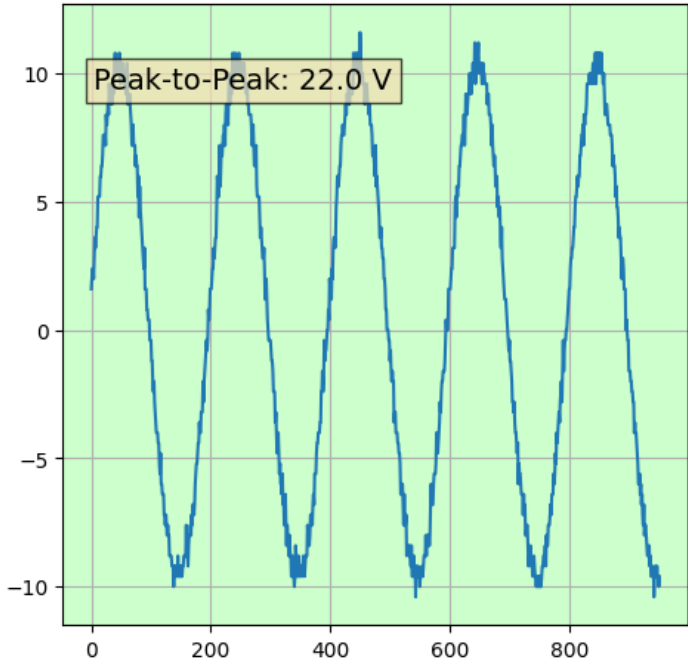
Channel 1, IOUT 1



Channel 2, IOUT 2



Channel 3, SIGNAL GEN



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

