

# DCCT Test Results for DCCT S/N: DCCT-M-A-0048

**Overall Test Status: Passed!**

**Technician: Kevin Mandracchia, Life #: 25337**

**Test performed: 03/19/25, 04:09 PM**

Raw Serial Number/Sticker Data: DCCT-M-A-0048-22201030063-BZ22020785-HBA22140028-22201030069-BZ22020400-HBA22150049-CTP-6303-50-A

## 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)

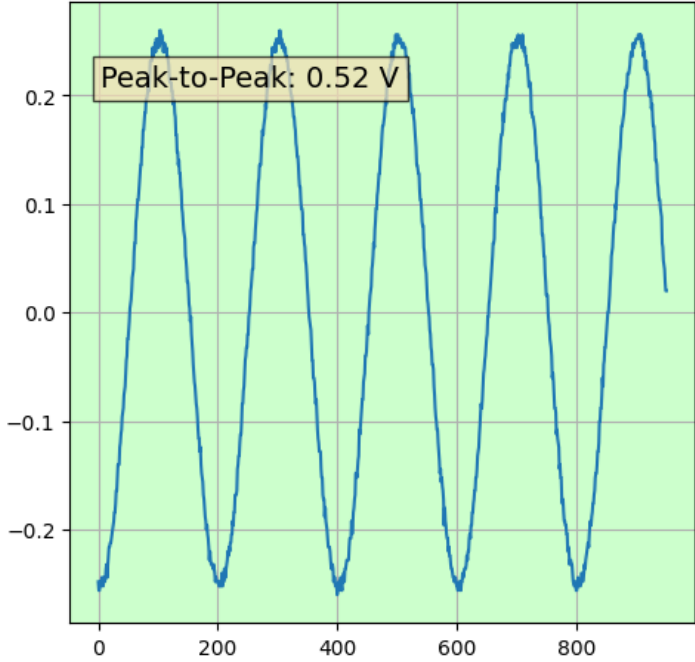
## Sinusoidal Current Test Results

| Test                           | Value           | Status |
|--------------------------------|-----------------|--------|
| CT Measurement Overall Testing | N/A             | Pass   |
| Channel 1 Voltage Threshold    | 0.52Vpp         | Pass   |
| Channel 2 Voltage Threshold    | 0.516Vpp        | Pass   |
| Channel 3 Voltage Threshold    | 22.0Vpp         | Pass   |
| Frequency and Phase            | 10.5 Hz, 179.9° | Pass   |

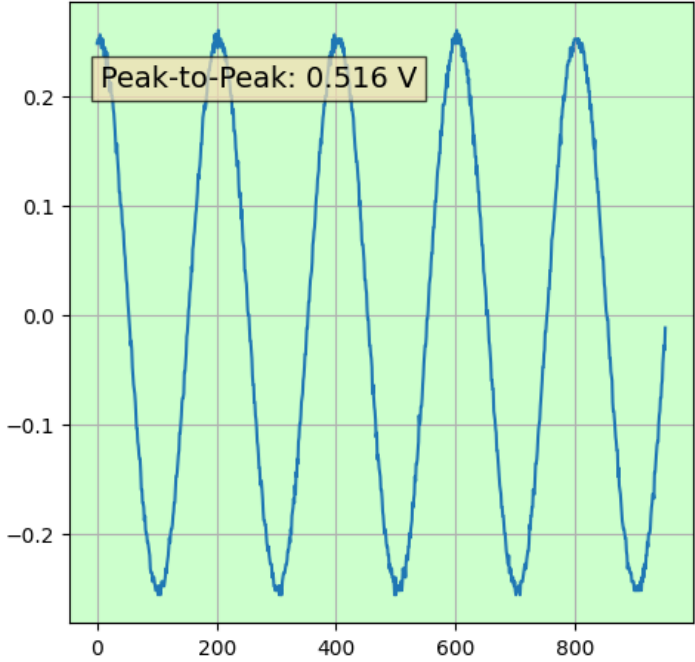
# Current Test Waveforms

ALSu DCCT Test Data

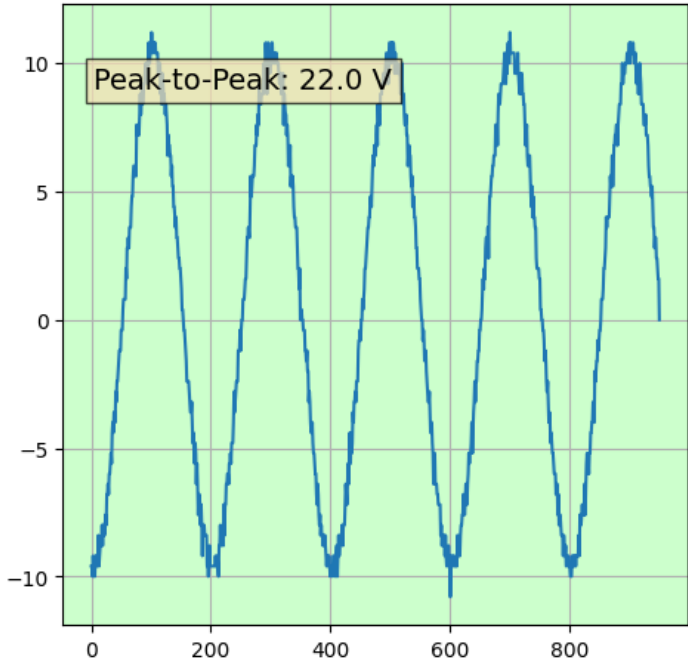
Channel 1, IOUT 1



Channel 2, IOUT 2



Channel 3, SIGNAL GEN



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

