

# DCCT Test Results for DCCT S/N: DCCT-M-B-0056

**Overall Test Status: Passed!**

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

**Test performed: 03/21/25, 03:54 PM**

Raw Serial Number/Sticker Data: DCCT-M-B-0056-22501031039-BZ22481830-HBA22350024B-22501031045-BZ22481909-HBA22190047-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)

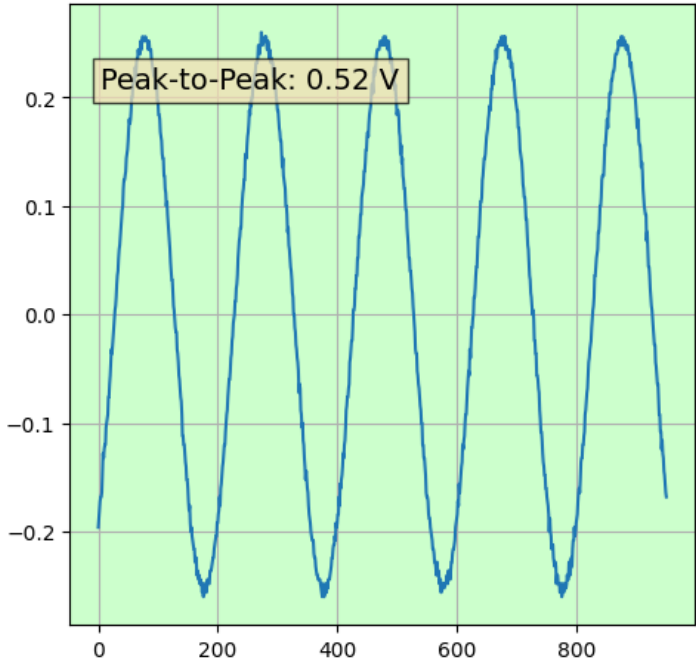
## Sinusoidal Current Test Results

| Test                           | Value            | Status |
|--------------------------------|------------------|--------|
| CT Measurement Overall Testing | N/A              | Pass   |
| Channel 1 Voltage Threshold    | 0.52Vpp          | Pass   |
| Channel 2 Voltage Threshold    | 0.52Vpp          | Pass   |
| Channel 3 Voltage Threshold    | 21.6Vpp          | Pass   |
| Frequency and Phase            | 10.5 Hz, 179.97° | Pass   |

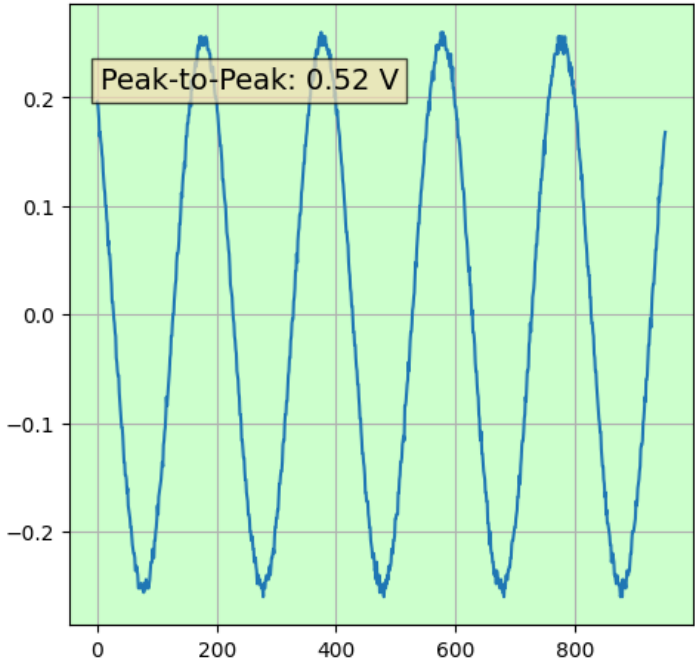
# Current Test Waveforms

ALSu DCCT Test Data

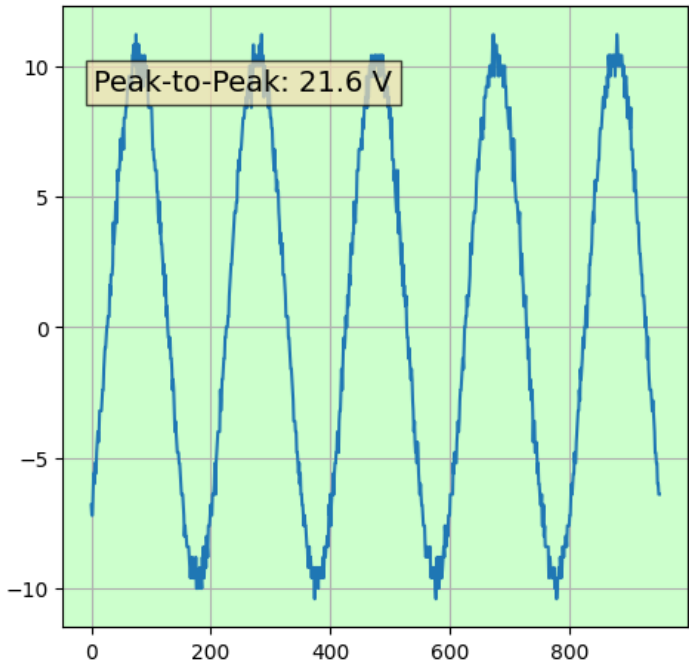
Channel 1, IOUT 1



Channel 2, IOUT 2



Channel 3, SIGNAL GEN



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

