

Oscillogram No.: HPL3-34439 OCV = 460 V
Date of Test: 9/30/2020 Time of Test: 12:23:02 PM

AVAILABLE CIRCUIT CHARACTERISTICS:

Osc. No: 23776 Calibration Date: 09/6/19
OCV = 485 V Rms Sym Current = 25.33 kA
Power Factor = 16%



High Power Laboratory, HPL3 Facility
Cedar Rapids, Iowa, USA

Project No.: 6000001332 TestFlow No.: UTK

Test Device: ARC FLASH

Sample No.: 97

ANALYSIS RESULTS TABLE

Closing Angle	268 Deg
Closing time (V0)+	103.0 μ Sec
Peak Current (Ip)	38.68 k Amperes
Time to Ip	4.544 m Sec.
I ² t	41.20 M Amp ² sec
I Duration	258.4 m Sec.

Performance Observations

Was the Breaker Tripped after the test?	NA
Could the Breaker be Reset?	NA
Did it have continuity in all poles?	NA
Was the Enclosure Fuse Opened?	NA

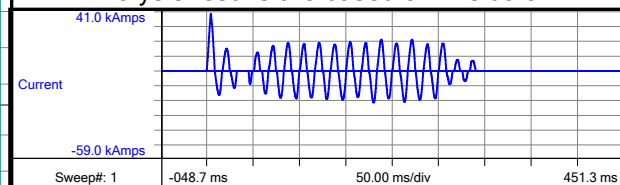
Comment Section

20.66 kA

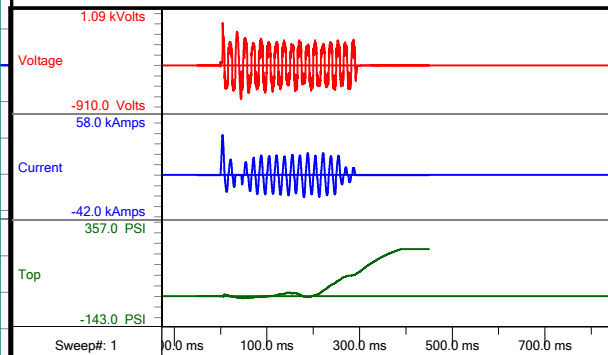
18 in.

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Analysis results are based on this data



TOTAL VIEW



INSTRUMENTATION DATA

Data Recording System: HBM GENST C/N 063-173

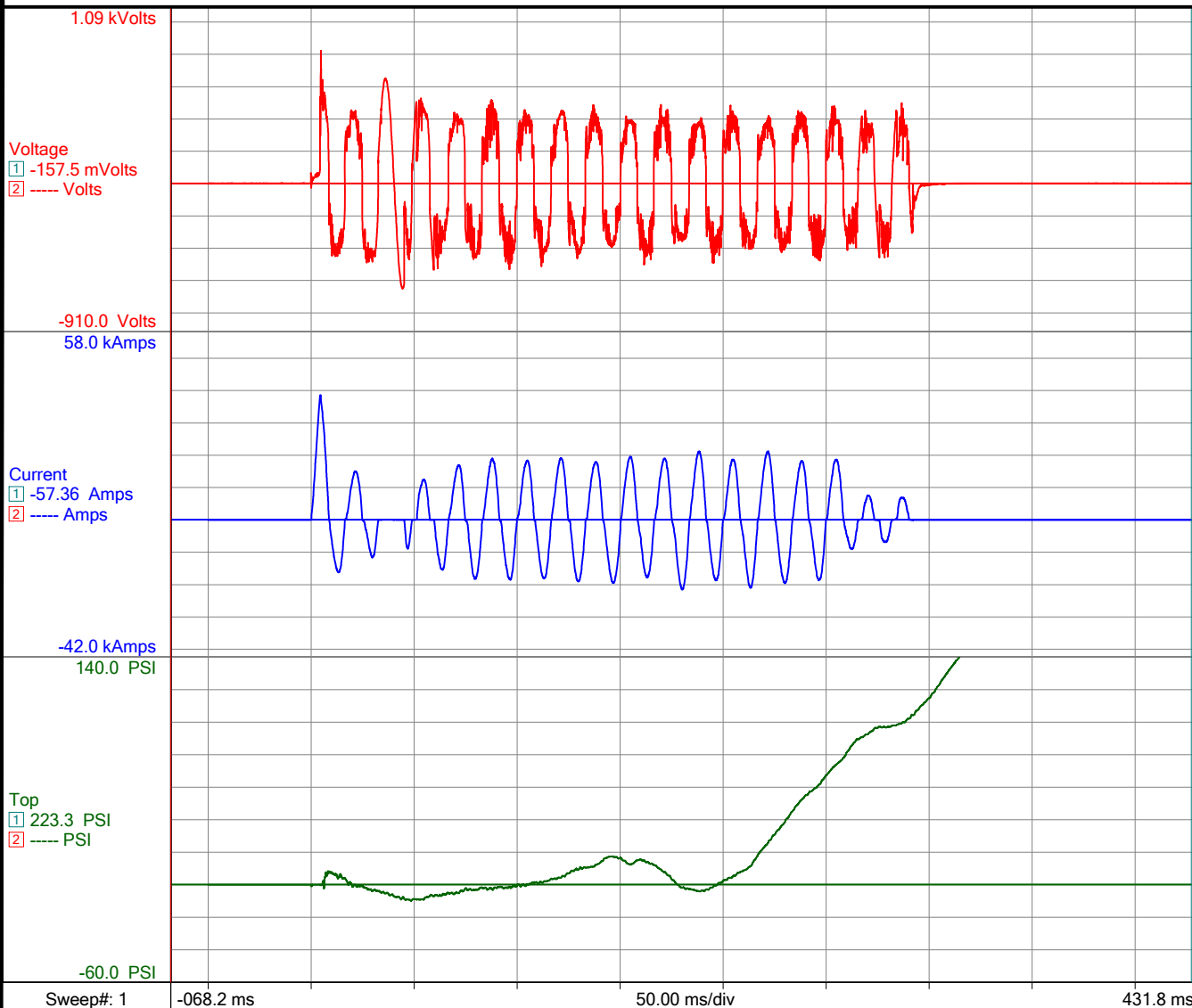
VOLTAGE: 100X Scope Probe, C/N 131-555, 1%

VOLTAGE: 100X Scope Probe, C/N 131-604, 1%

CURRENT: ROGOWSKI COIL, C/N 045-445

NOTE: Channel offset removed for analysis.
but not for display.

PLOT FILE HPL3_CR_1_M



OSC. NO.: HPL3-34439