

Oscillogram No.: HPL3-34451 OCV = 460 V
Date of Test: 9/30/2020 Time of Test: 1:38:59 PM

AVAILABLE CIRCUIT CHARACTERISTICS:

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

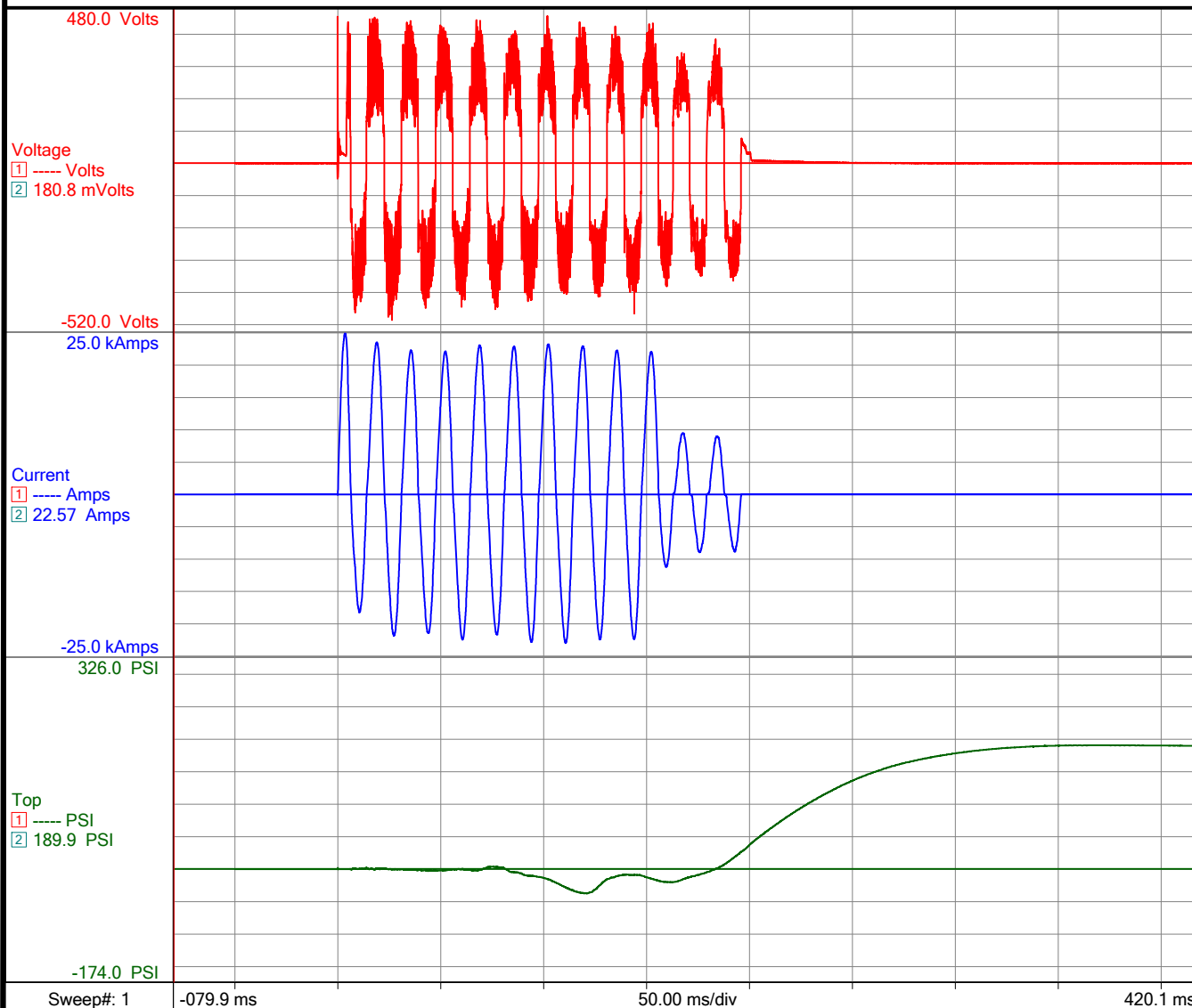


High Power Laboratory, HPL3 Facility
Cedar Rapids, Iowa, USA

Project No.: 6000001332 TestFlow No.: UTK

Test Device: ARC FLASH

Sample No.: 109



ANALYSIS RESULTS TABLE

Closing Angle	84 Deg
Closing time (V0)+	1.113 m Sec
Peak Current (Ip)	24.92 k Amperes
Time to Ip	3.588 m Sec.
I ² t	38.28 M Amp ² sec
I Duration	163.0 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

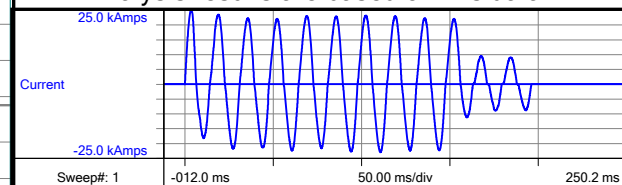
Comment Section

20.66 kA

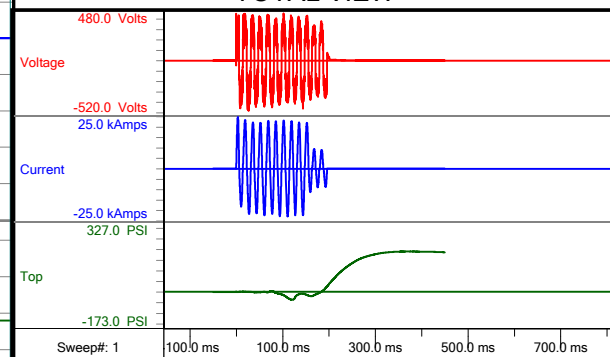
18 in.

with paint

Analysis results are based on this data



TOTAL VIEW



INSTRUMENTATION DATA

Data Recording System: HBM GEN3T C/N 063-173

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

PLOT FILE HPL3_CR_1_M

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.

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