

Oscillogram No.: HPL3-34363 OCV = 434 V
Date of Test: 9/29/2020 Time of Test: 9:10:58 AM



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

AVAILABLE CIRCUIT CHARACTERISTICS:
Osc. No: 28484 Calibration Date: 05/13/20
OCV = 481 V Rms Sym Current = 14.25 kA
Power Factor = 26%

Project No.: 6000001332 TestFlow No.: UTK
Test Device: ARC FLASH
Sample No.: 29

ANALYSIS RESULTS TABLE

Closing Angle	10 Deg
Closing time (V0)+	440.1 μ Sec
Peak Current (Ip)	31.84 k Amperes
Time to Ip	6.350 m Sec.
I ² t	6.256 M Amp ² sec
I Duration	74.94 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

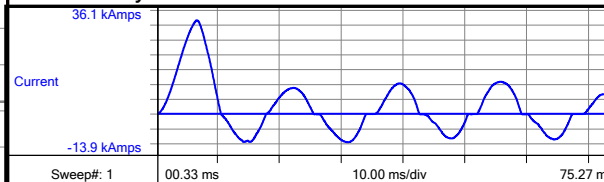
Comment Section

12.86 kA

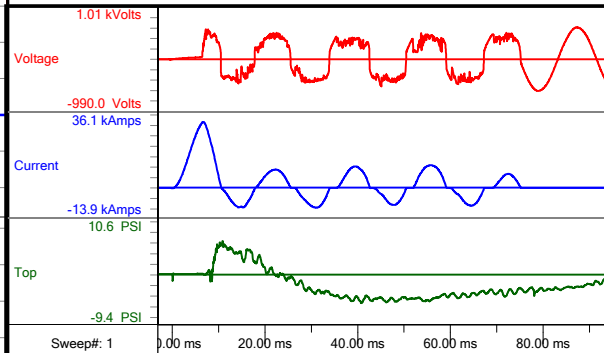
-

-

Analysis results are based on this data



TOTAL VIEW



INSTRUMENTATION DATA

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

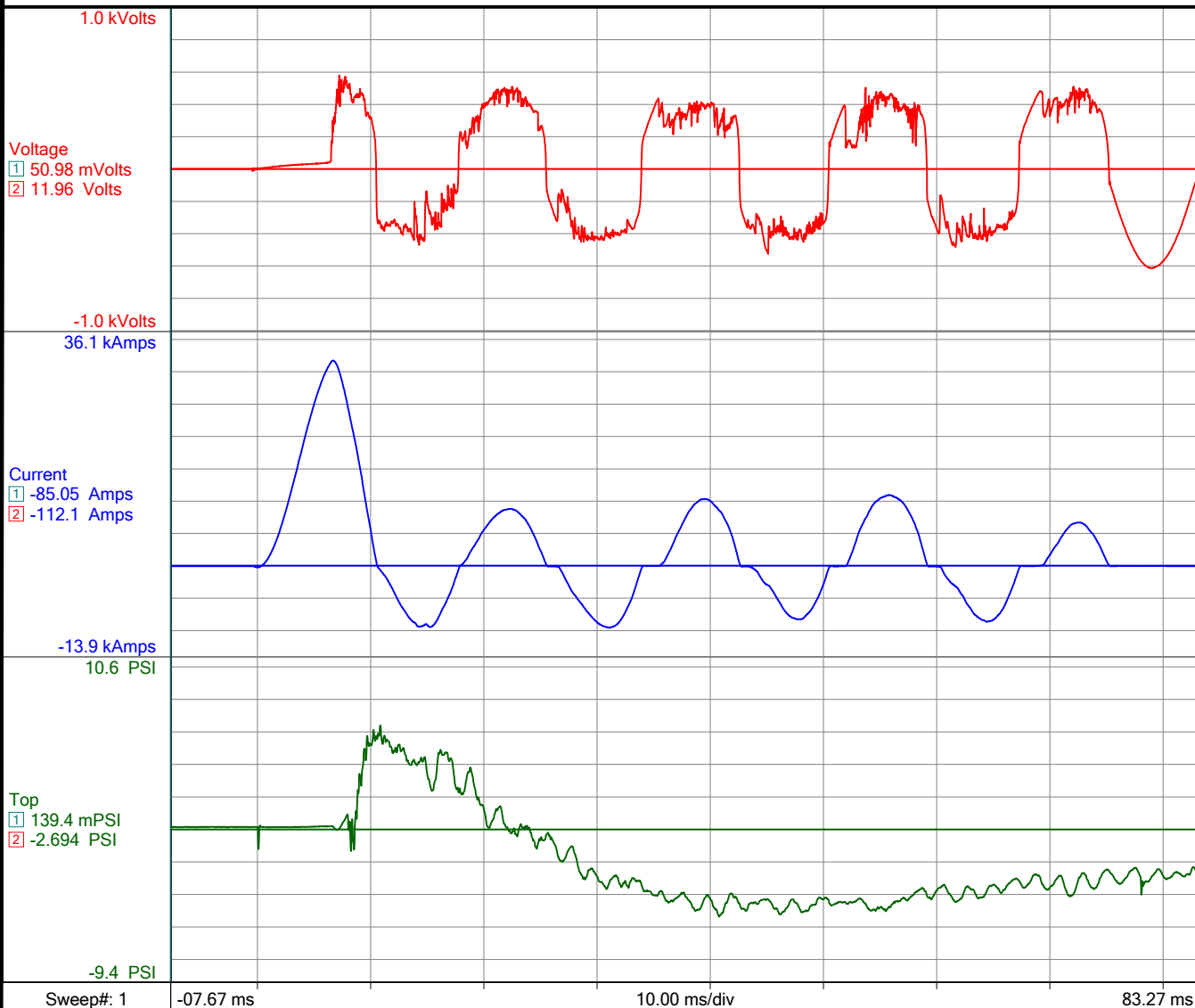
VOLTAGE: 100X Scope Probe, C/N 131-555, 1%

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.: HPL3-34363