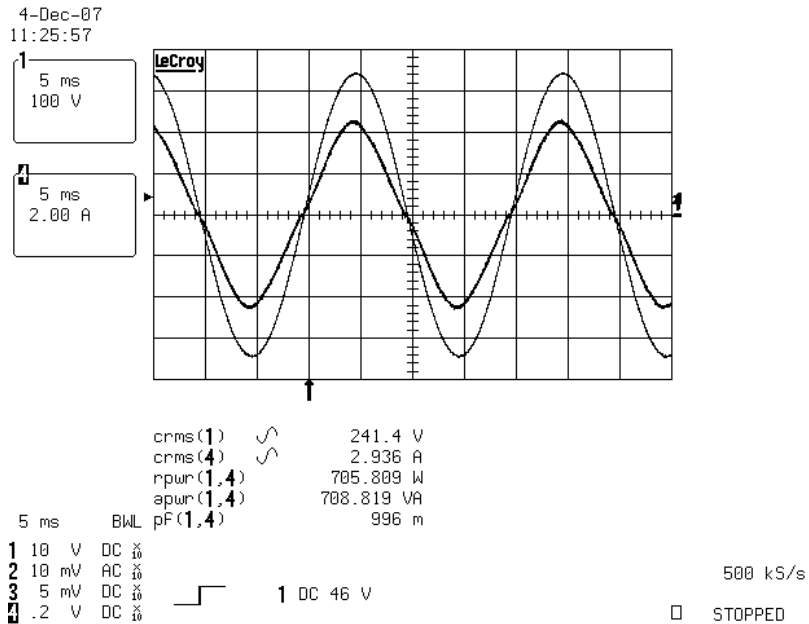


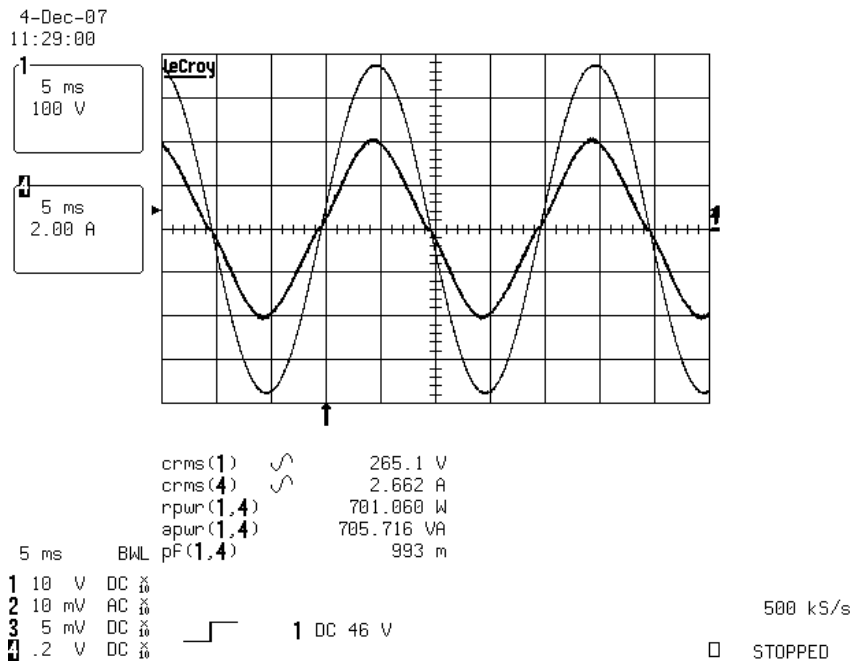
12/4/07

PMP2771 UCC28019 test photos

1 Power Factor and Efficiency



$P_{in} = 709W$, $P_{out} = 373V \times 1.827A = 682W$ $Eff = 96.6\%$

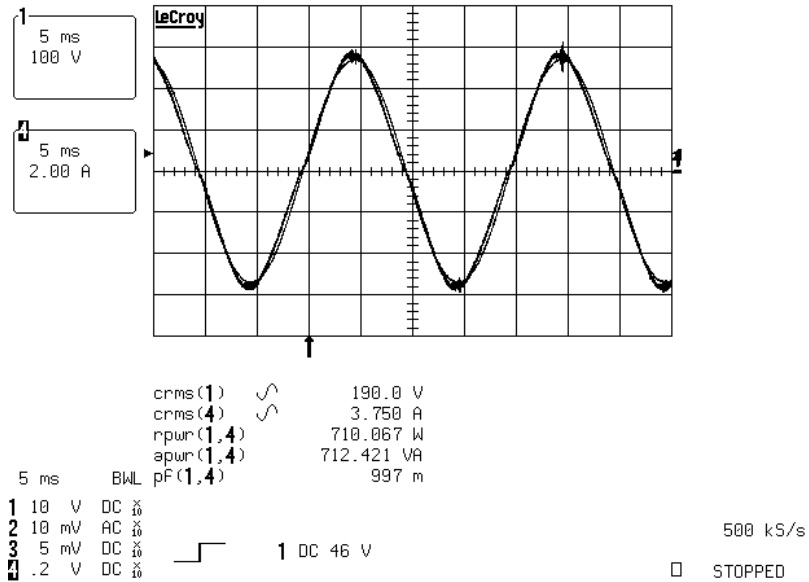


$P_{in} = 702W$, $P_{out} = 682W$ $Eff = 97.1\%$

12/4/07

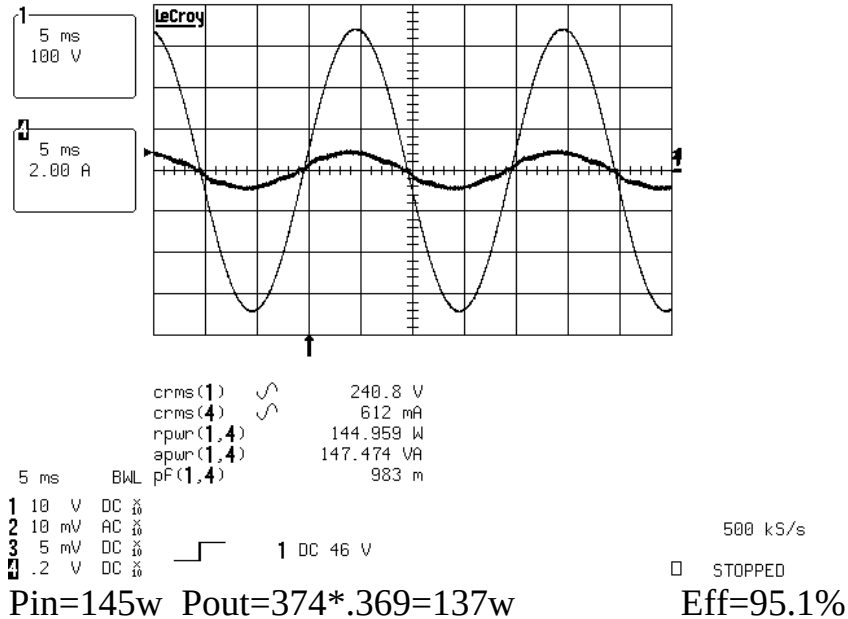
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4-Dec-07
11:31:16



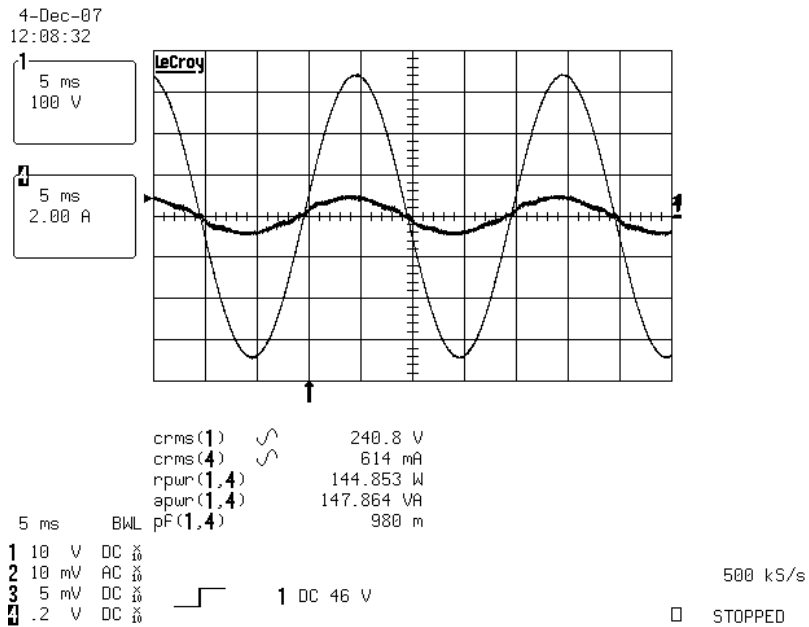
Pin=710w, Pout=682w Eff=96%

4-Dec-07
11:34:39



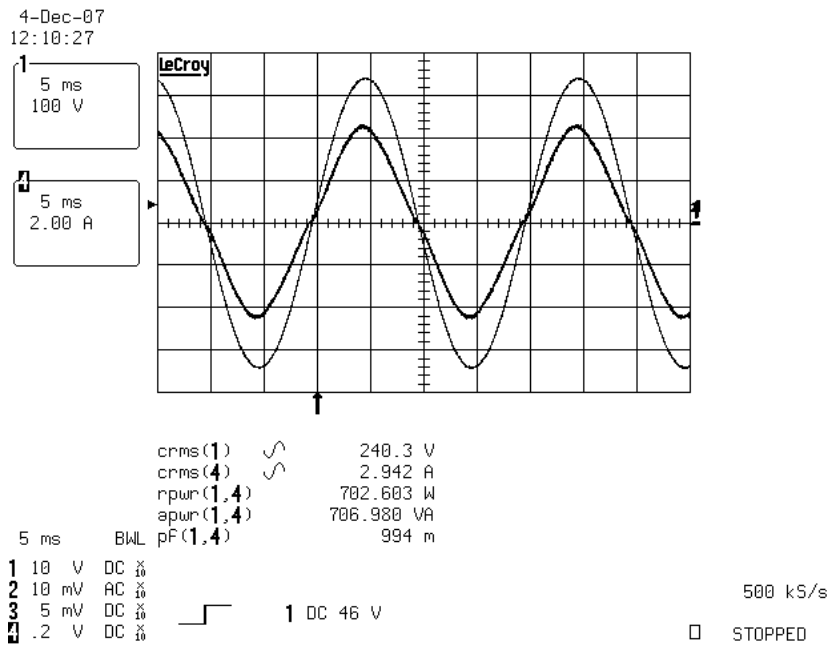
12/4/07

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Changed diode from 8ETH06 to CREE CSD0406

Pin =145w, No measurable change in efficiency



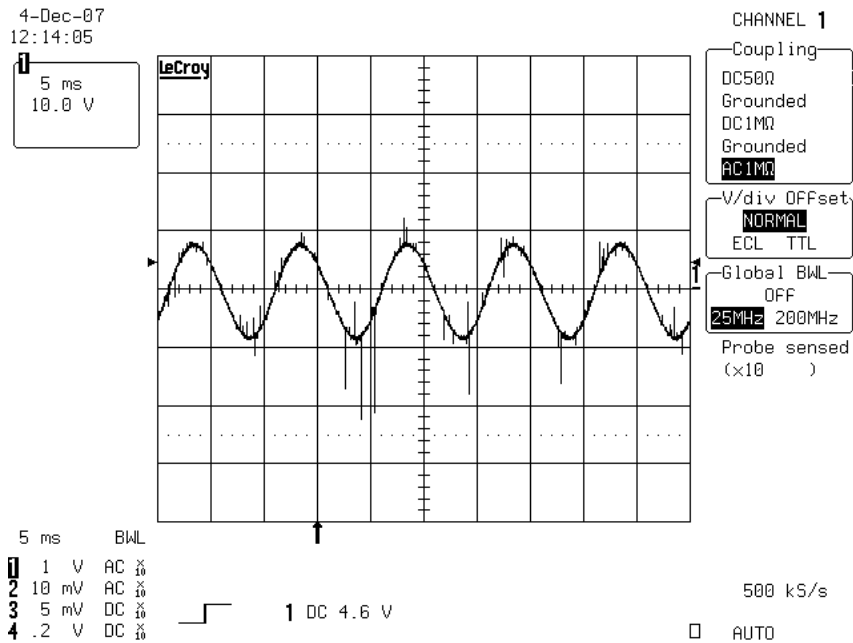
Using CREE CSD0406

Pin=703w No measurable change in efficiency

12/4/07

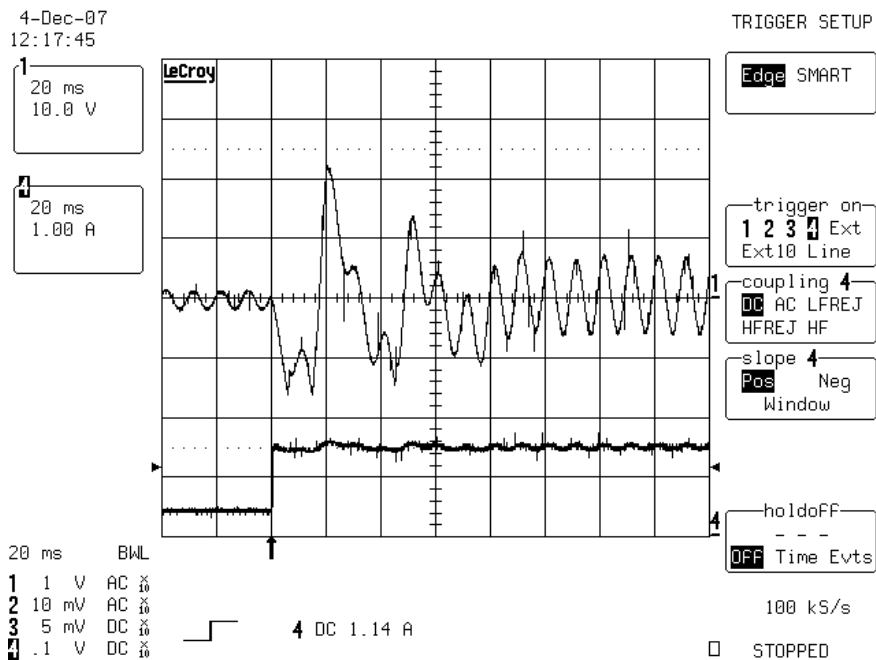
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2 Output ripple



Output ripple (100hz) at 700w load

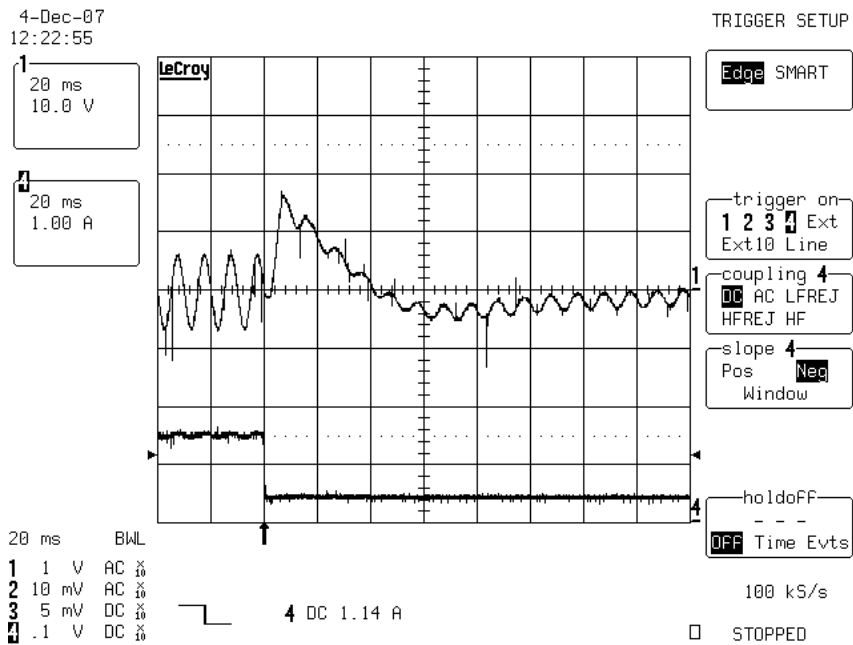
3 Load step response



Upper is output voltage, lower is output current step

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Same as above with decreasing load step

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