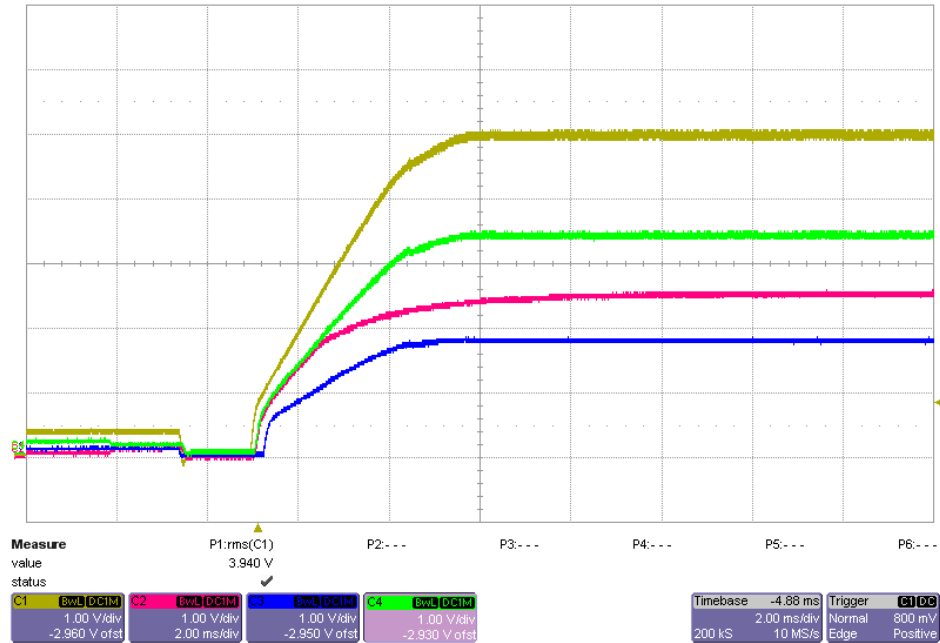


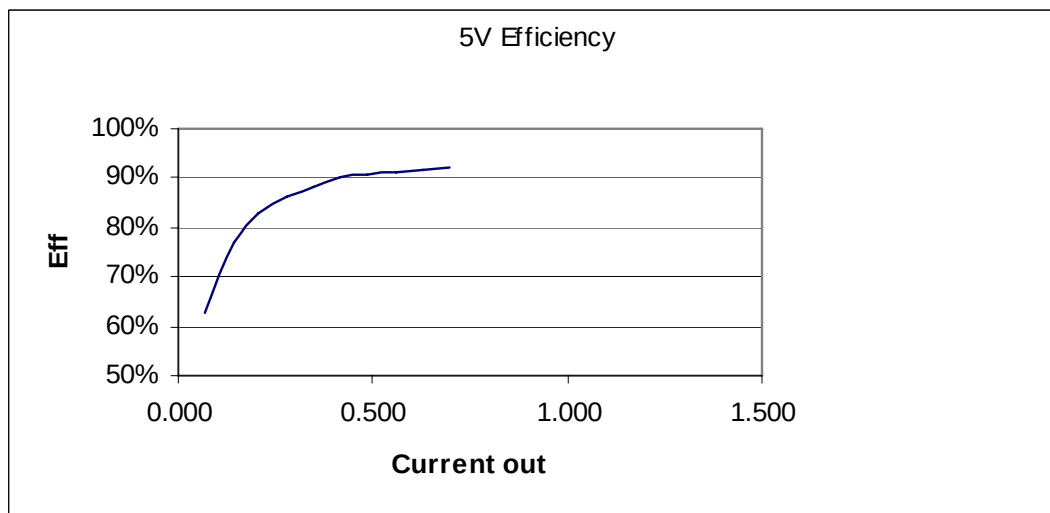
1 Startup

The startup waveform is shown in the figure below. The input voltage was set at 100V, with 1 A load on the output.



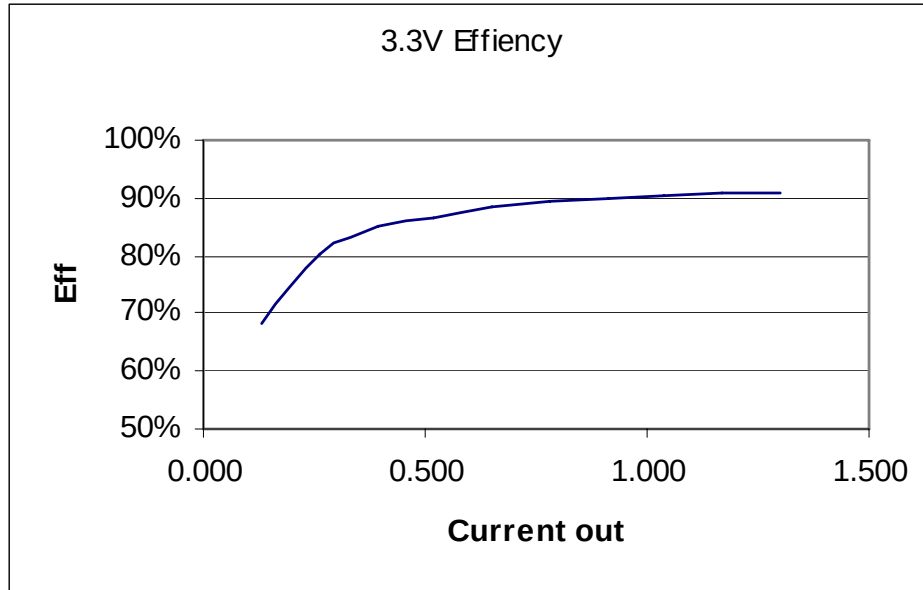
2 Efficiency

The 5V efficiency is shown in the figure below.

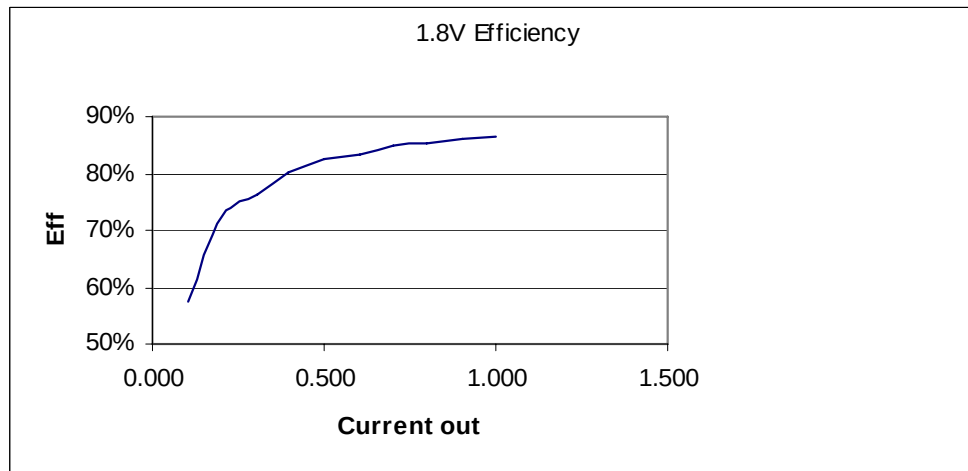


PMP2281 Test Results

The 3.3 volt efficiency is shown below:



The 1.8V efficiency is shown in the figure below.



3 Load Regulation

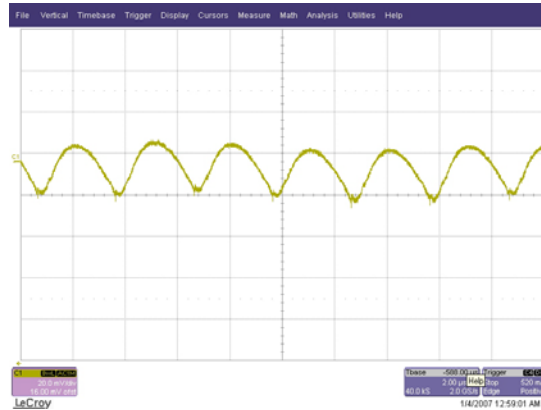
The load regulation of the output is shown in the table below.

Output	Max Vout	Min Vout
1.8	1.767	17.67
3.3	3.37	3.37
5	4.99	4.99

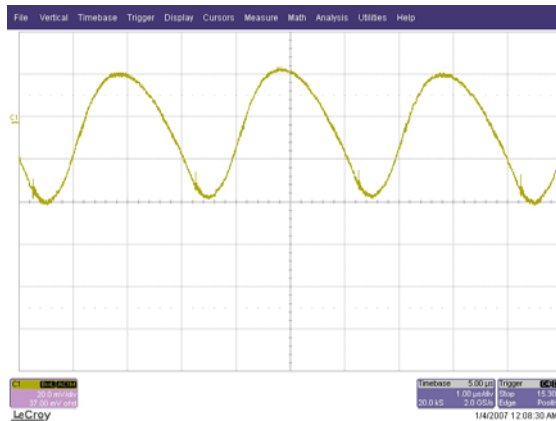
4 Output Ripple Voltage

The output ripple voltages are shown in the figure below. The image was taken with full load.

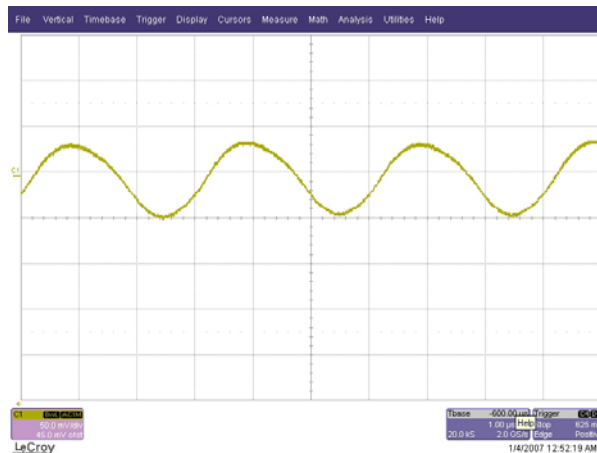
1.8 Volts (20 mV/div)



3.3 Volts (20 mV/div)



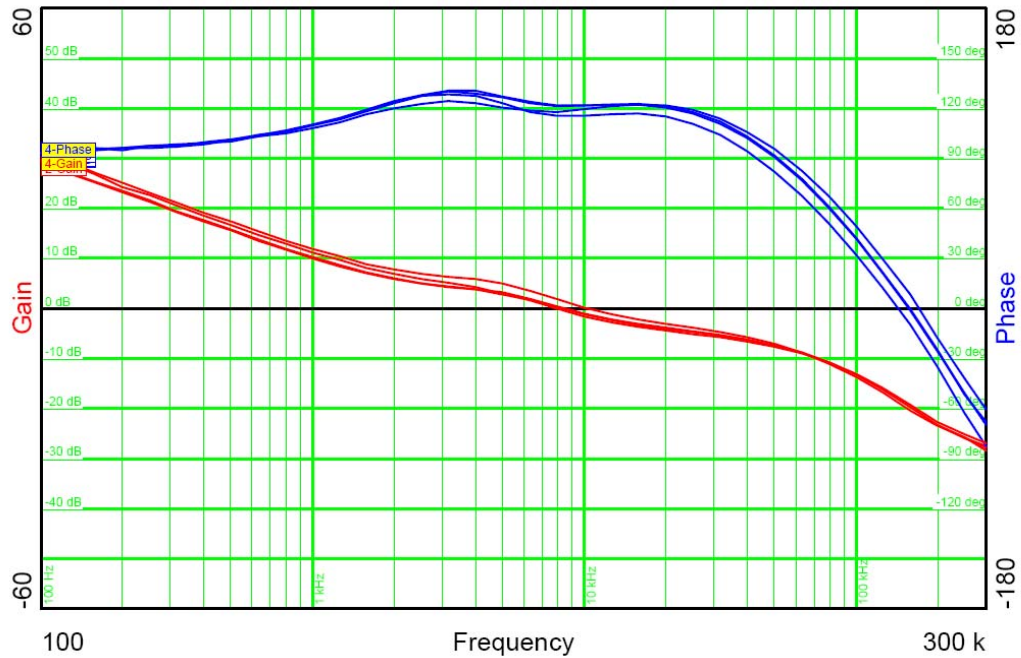
5 Volts (50 mV/div)



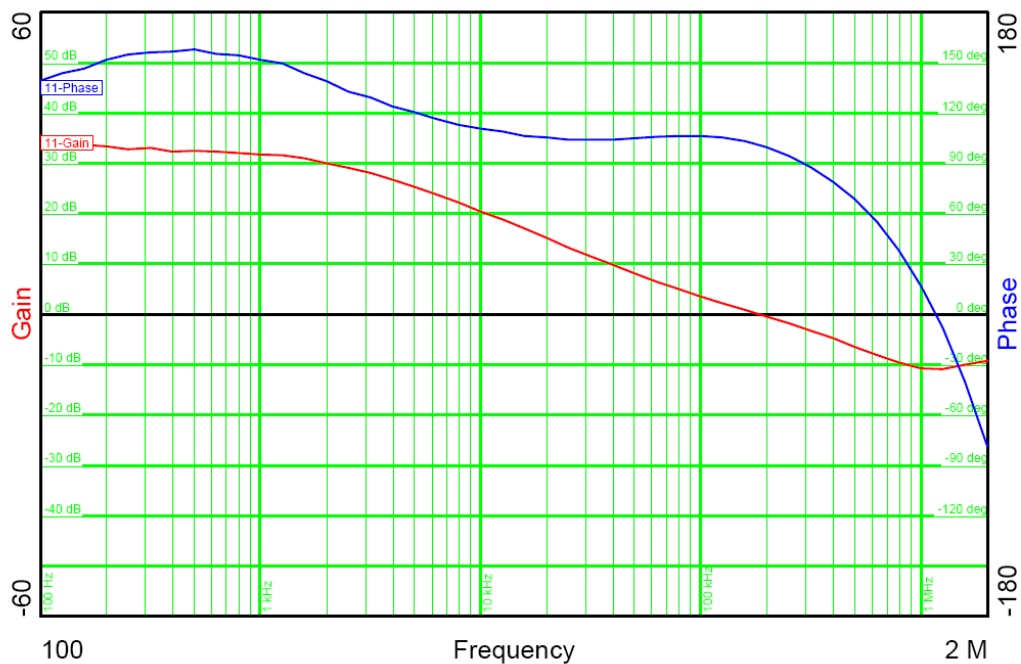
5 Control Loop Frequency Response

The figures below show the loop responses with a full load.

Switchers (All three)



Linear



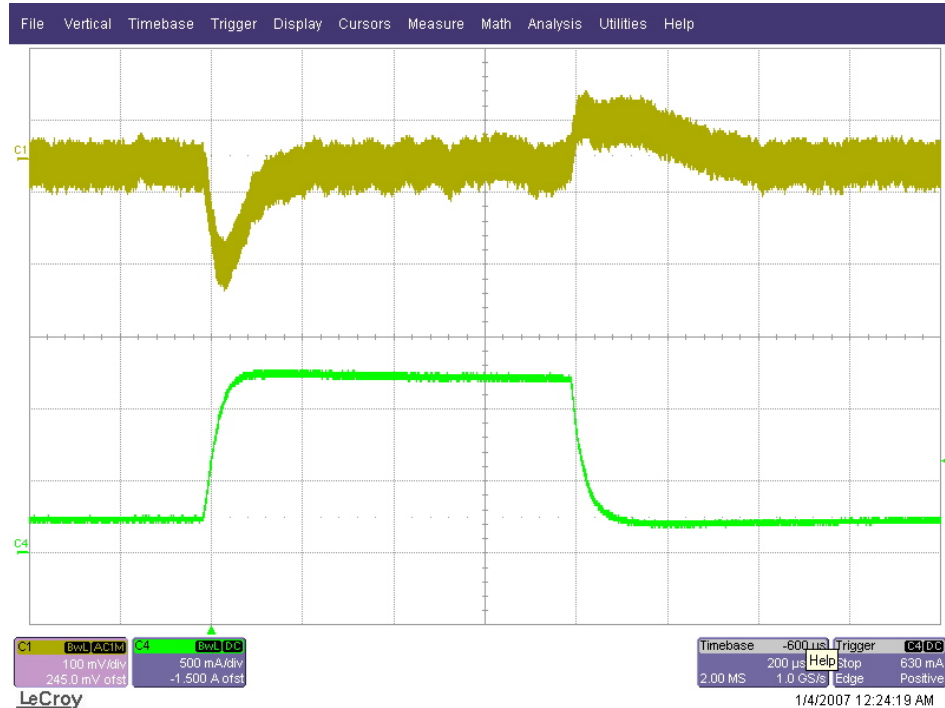
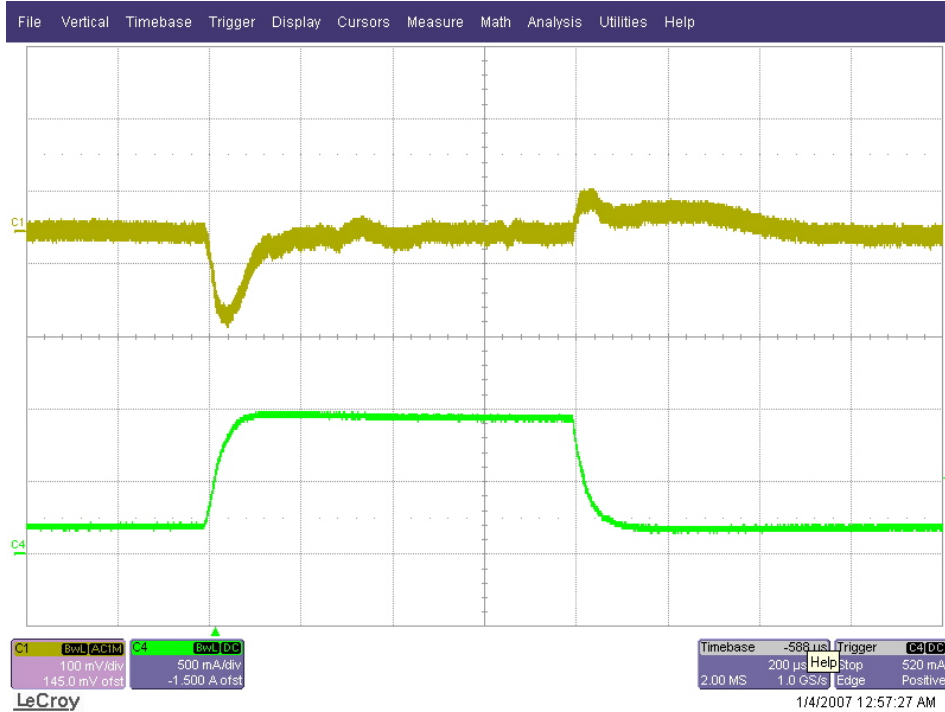
PMP2281 Test Results

6 Load Transients

The figures below show the response to load transients. The input voltage was set to 12V. The order is 1.8, 3.3 and 5 volt output.

Channel 1 : Vout (AC coupled) 100 mV/div

Channel 4 : Load current 0.5A/div

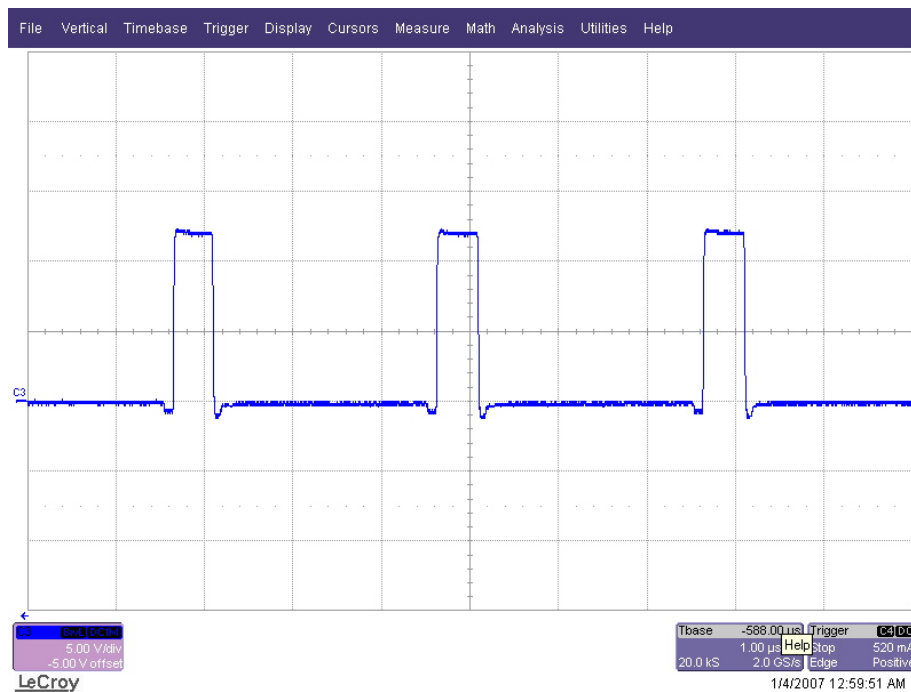


PMP2281 Test Results

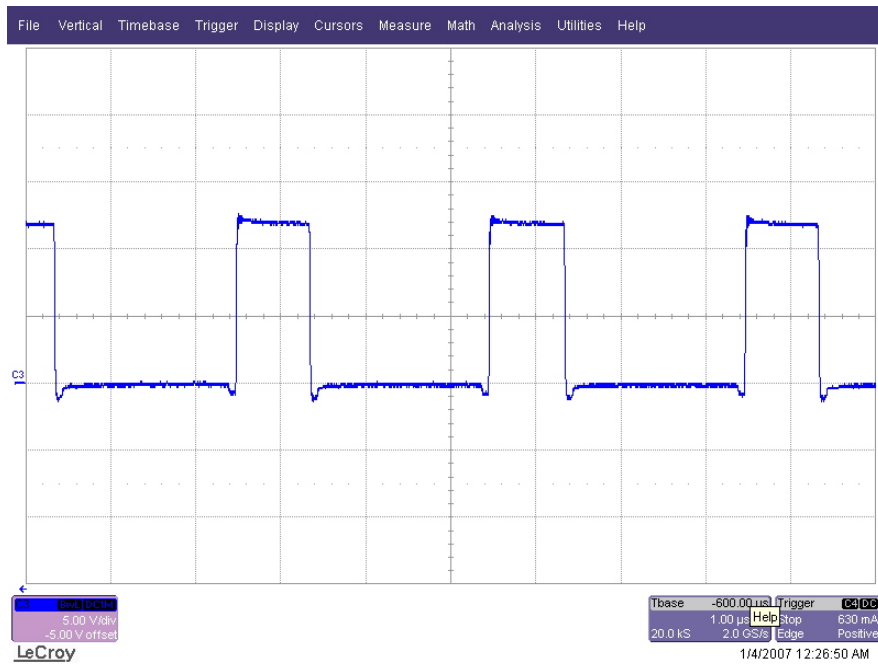


7 Switch Node Waveforms

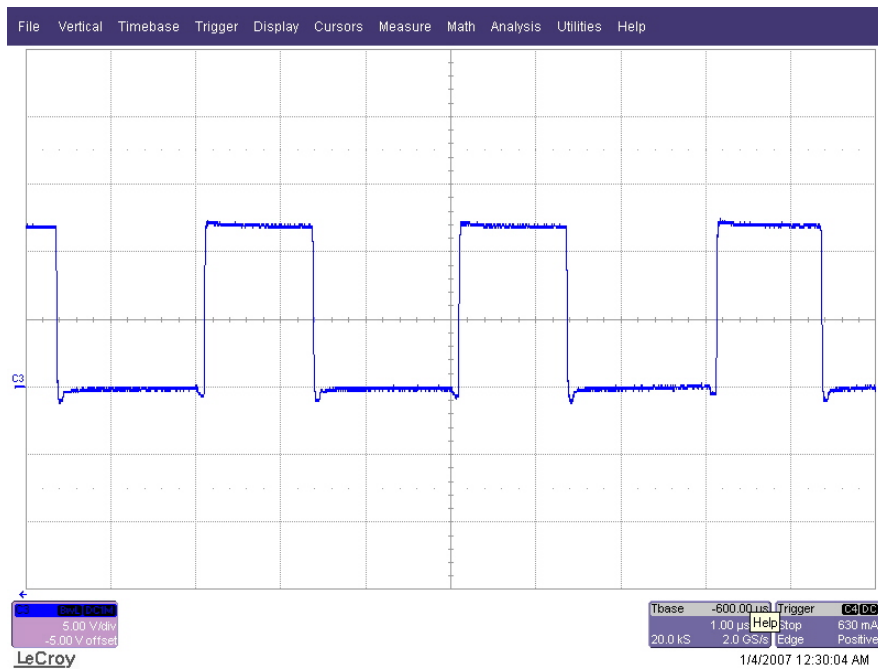
1.8 V



3.3 V



5 V



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