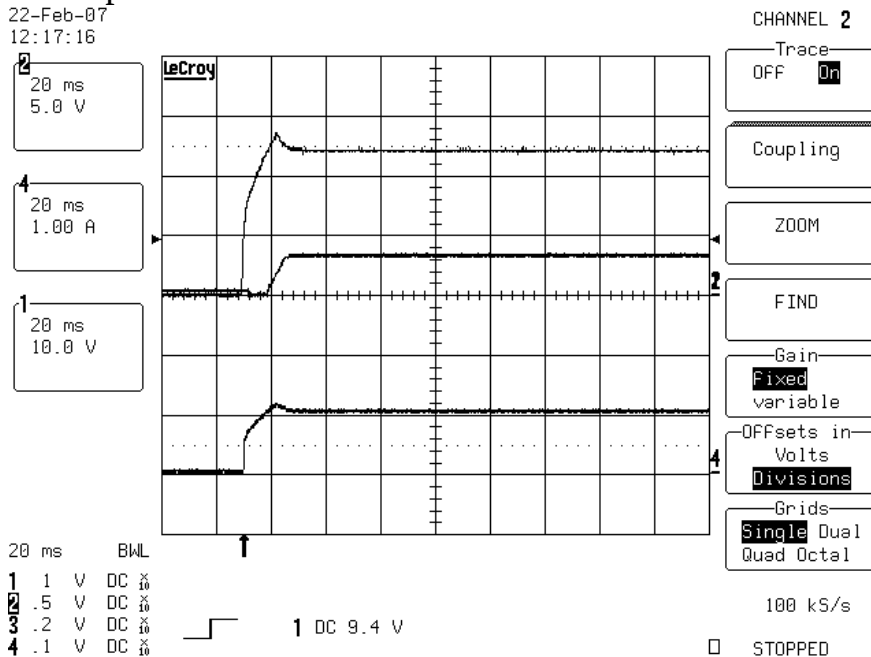


2/22/07

PMP2332 Test Results

1 Startup

The startup waveform for the 24 and 3.3 volts is shown in the figure below.
The input is 20 volts DC.



2 EFFICIENCY

Sepic only

85% at 2 amp load with V_{in} at 16 Vdc
85% at 2 amp load with V_{in} at 28 Vdc
85% at 2 amp load with V_{in} at 10 Vdc
87% at 1amp load with V_{in} at 6 Vdc

Buck only

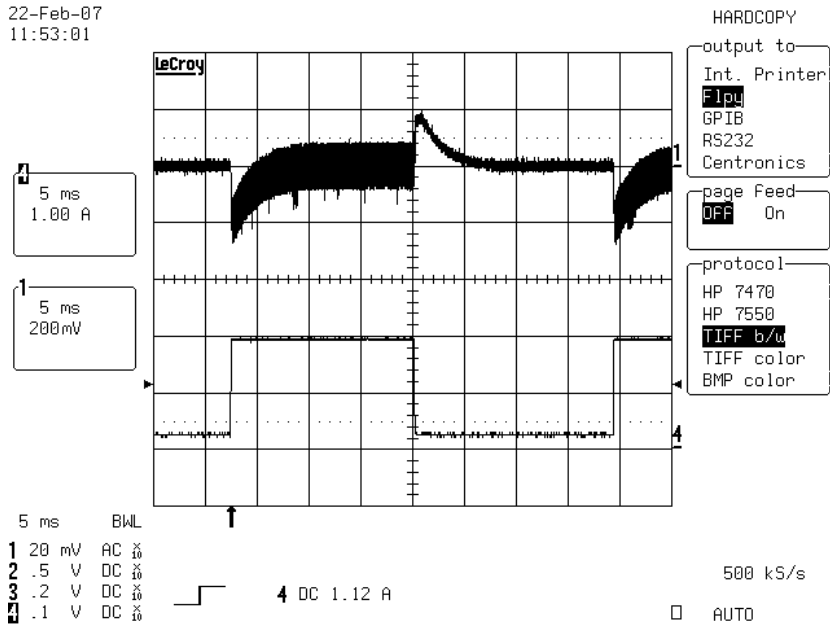
89% at 5 amp load and V_{in} at 24v
90% at 3 amp load and V_{in} at 24v

2/22/07

PMP2332 Test Results

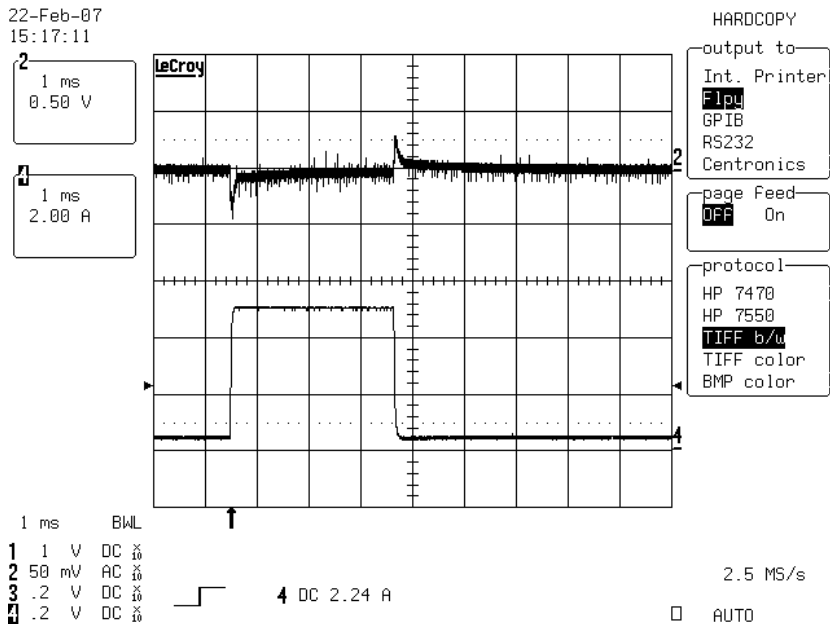
3 LOAD STEP RESPONSE

22-Feb-07
11:53:01



The bottom trace is a output current step, and top is the 24 volt output response.

22-Feb-07
15:17:11



PMP2332 Test Results

□

22-Feb-07
15:24:47

1
1 ps
20.0 V

1
1 ps
20.0 V

LeCroy

1
2 V DC 10
2
2 V DC 10
3
2 V DC 10
4
2 V DC 10

1 ps BWL

1 DC 18.8 V

500 MS/s

□ AUTO

CHANNEL 1
Coupling
DC50Ω
Grounded
DC1MΩ
Grounded
AC1MΩ
V/div OFFSET
NORMAL
ECL TTL
Global BWL
OFF
25MHz 200MHz
Probe sensed
(x10)

22-Feb-07
15:18:46

LeCroy

CHANNEL 1
Trace OFF
Coupling
ZOOM
FIND
Gain Fixed
Offsets in Volts Divisions
Grids Single
500 MS/s
AUTO

.5 μ s
10.0 V

.5 μ s BWL

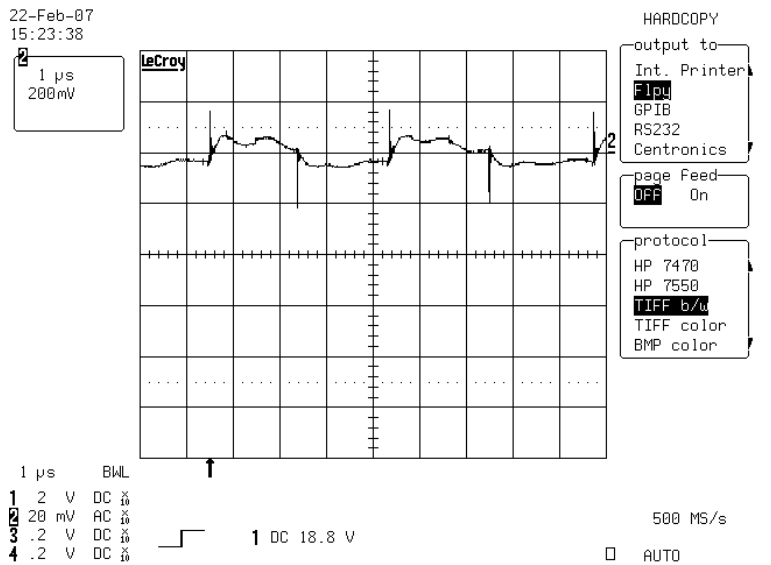
1 DC 9.4 V

3.3 volt dc input and 5 amp output

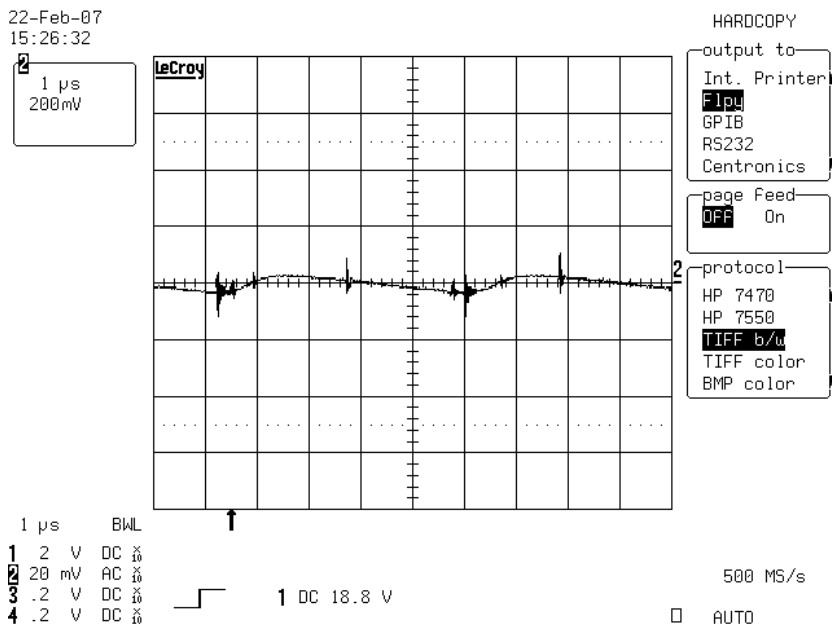
2/22/07

PMP2332 Test Results

4 Output Ripple



Ripple on the 24 volts at 2 amp load



Output ripple on the 3.3 volts at 5 amp load

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