

C2 - 15V output Voltage & **C4** – 15V output current --- (For all waveforms)

Note – Resistive load for 8V and 24V, electronic load for 15V.

1. $V_{in} = 150V$, $P_{out} = 15W$ (full load), all three outputs fully loaded
Result – Working fine, all output regulating correctly.



Figure - 1

2. $V_{in} = 280V$, $P_{out} = 15W$ (full load), all three outputs fully loaded
Result – Auto-restart

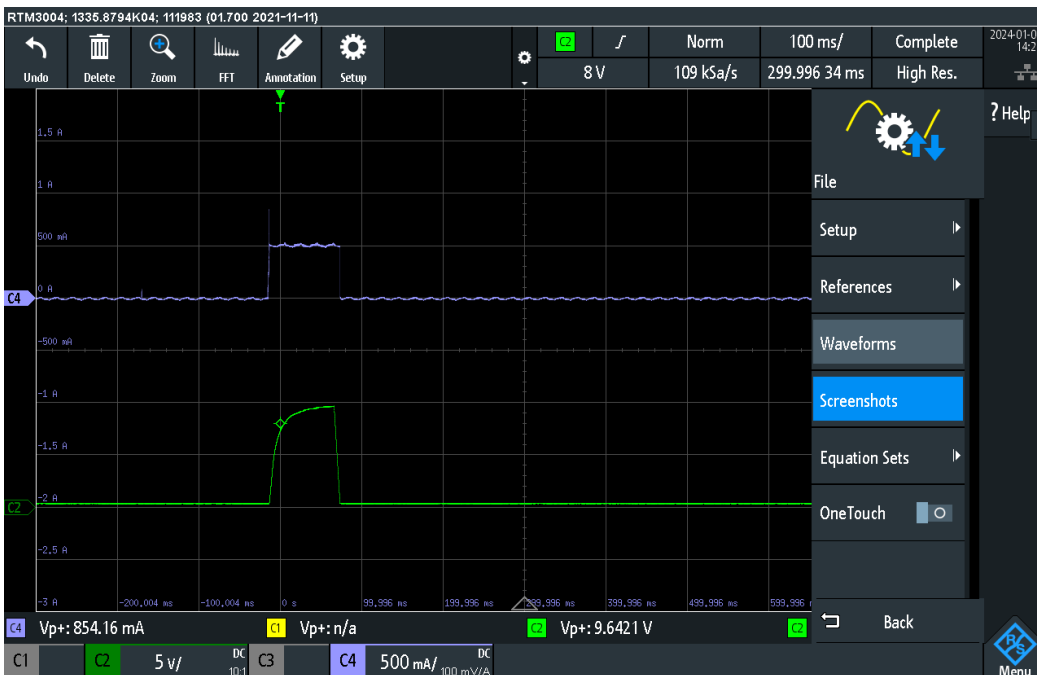


Figure – 2(a)

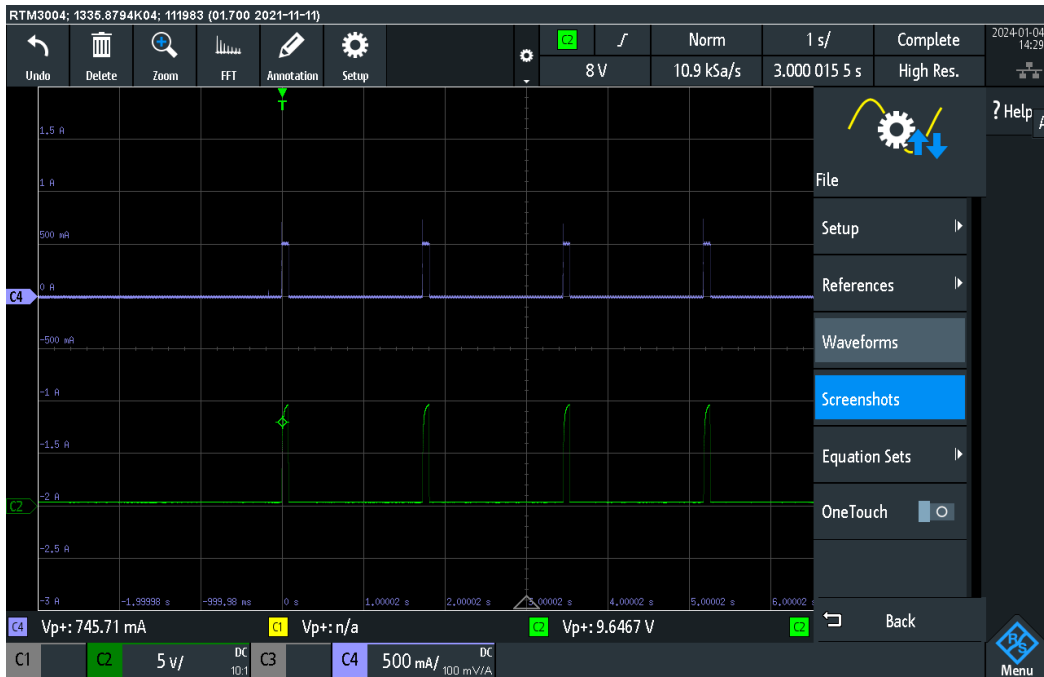


Figure – 2(b) , zoomed out for 2(a)

3. $V_{in} = 480V$, $P_{out} = 15W$ (full load), all three outputs fully loaded
Result – Auto-restart

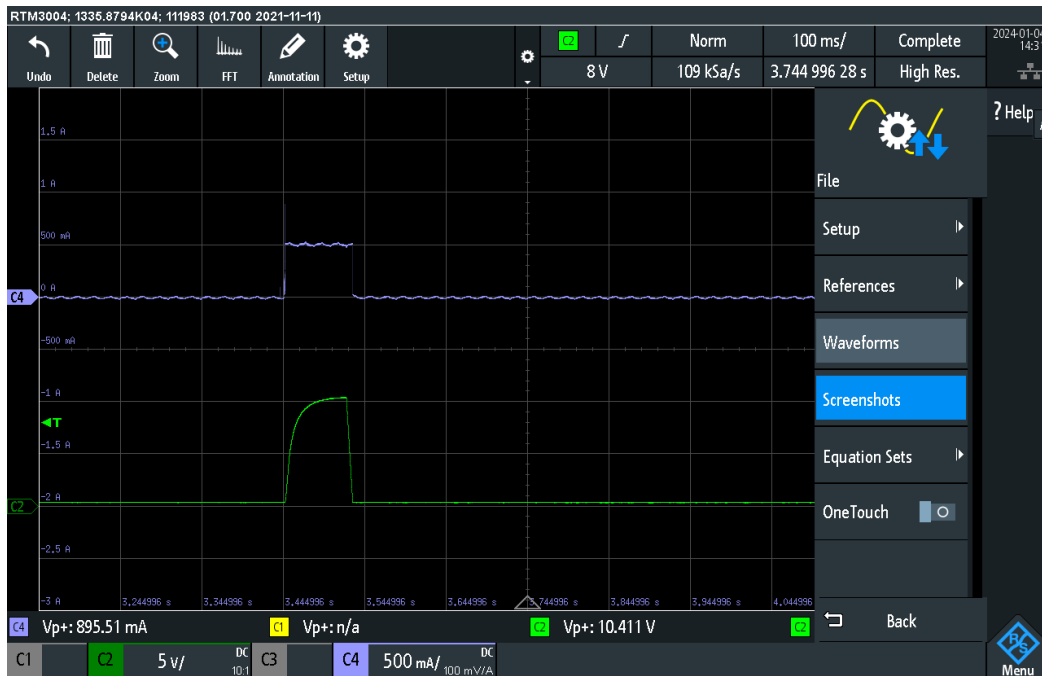


Figure – 3

4. (a) $V_{in} = 480V$, $P_{out} = 7.6W$ (8V & 24V fully loaded, 15V load – 0.1A),
Result – Auto-restart

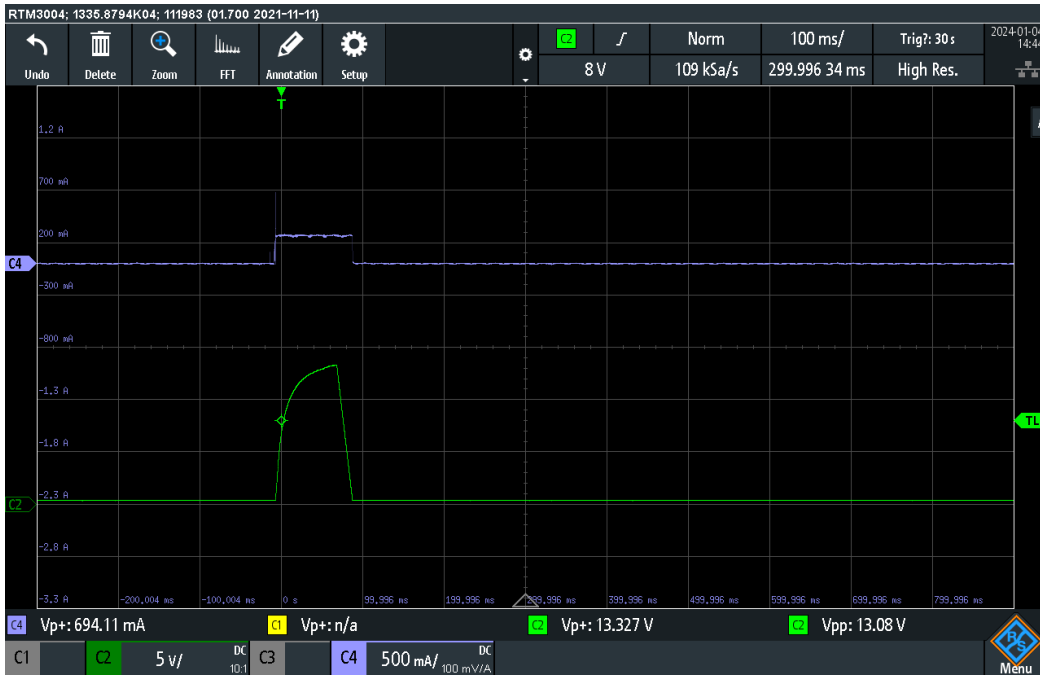


Figure – 4(a)

- (b) $V_{in} = 380V$, $P_{out} = 7.6W$ (8V & 24V fully loaded, 15V load – 0.1A),
Result – Auto-restart



Figure – 4(b)