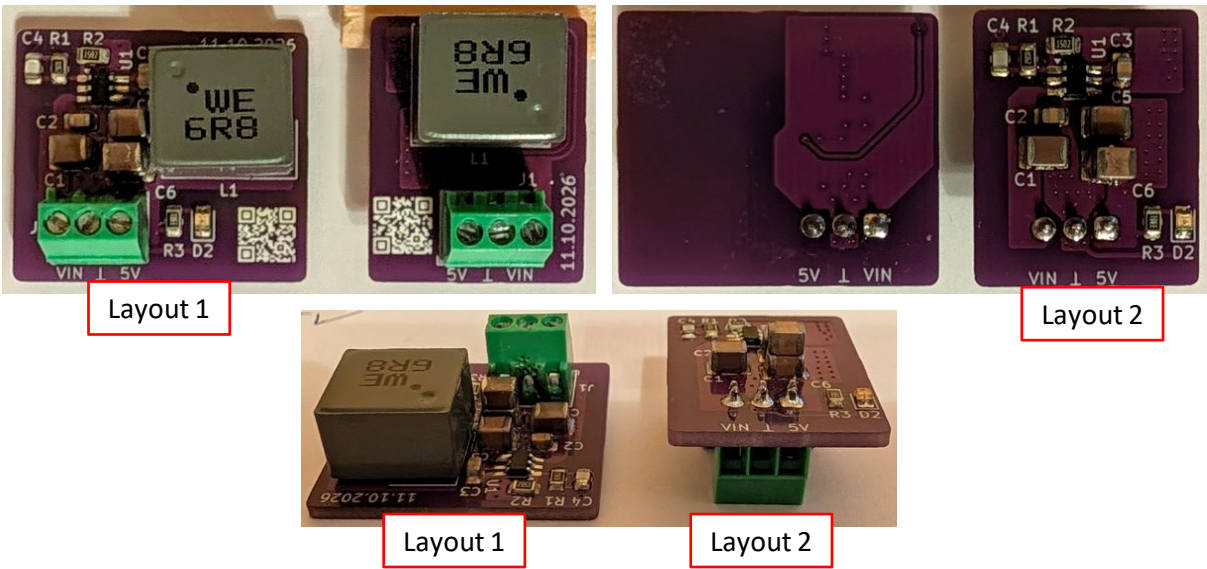
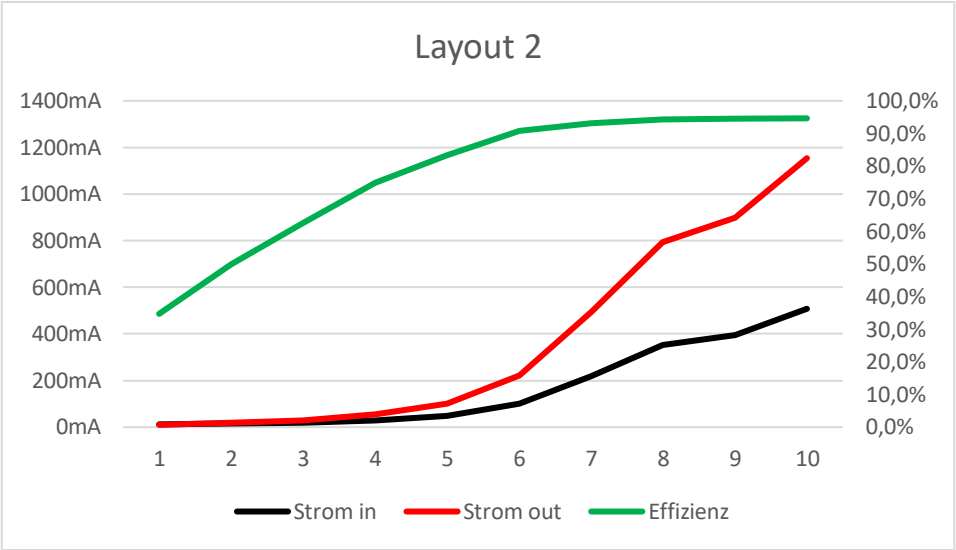
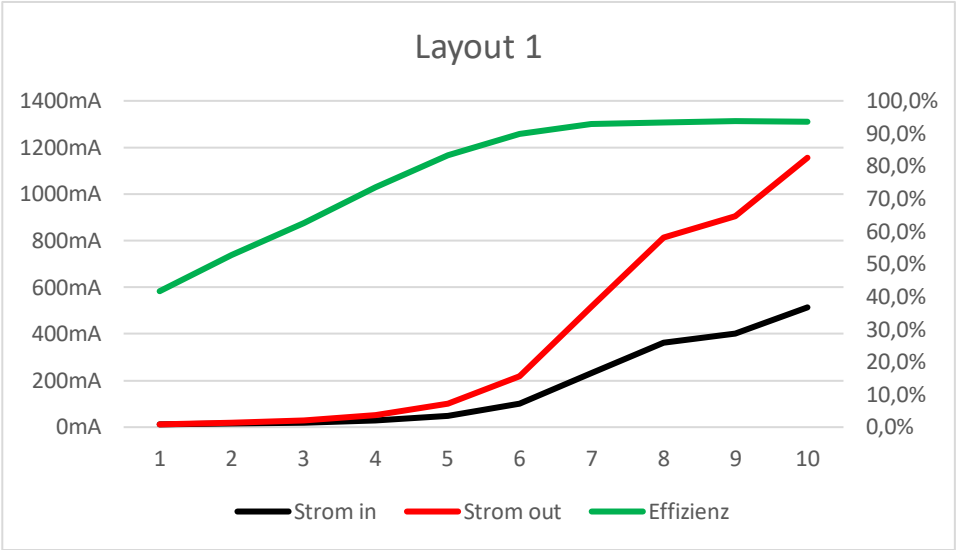




Rechnerisch müsste die Ausgangsspannung mit 80,6k und 15k bei 5,099V liegen.

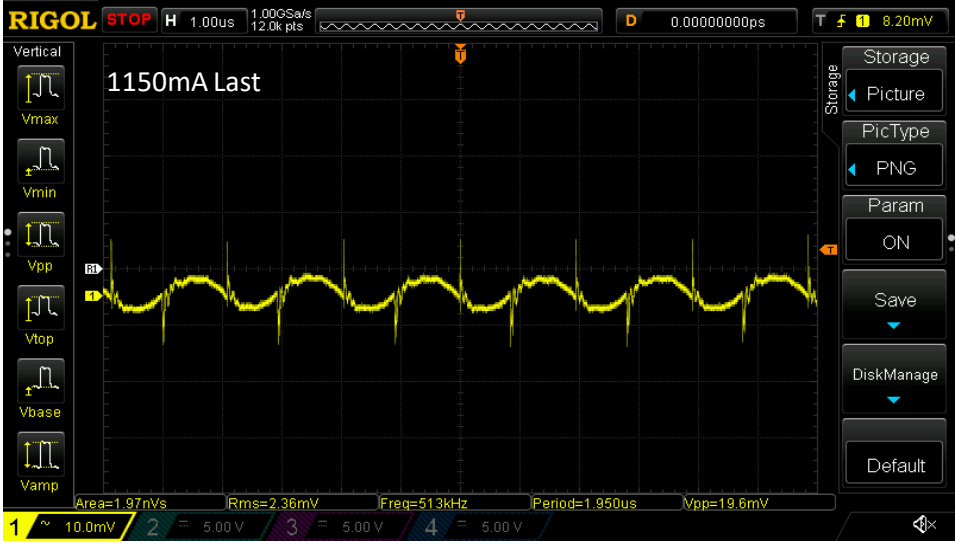
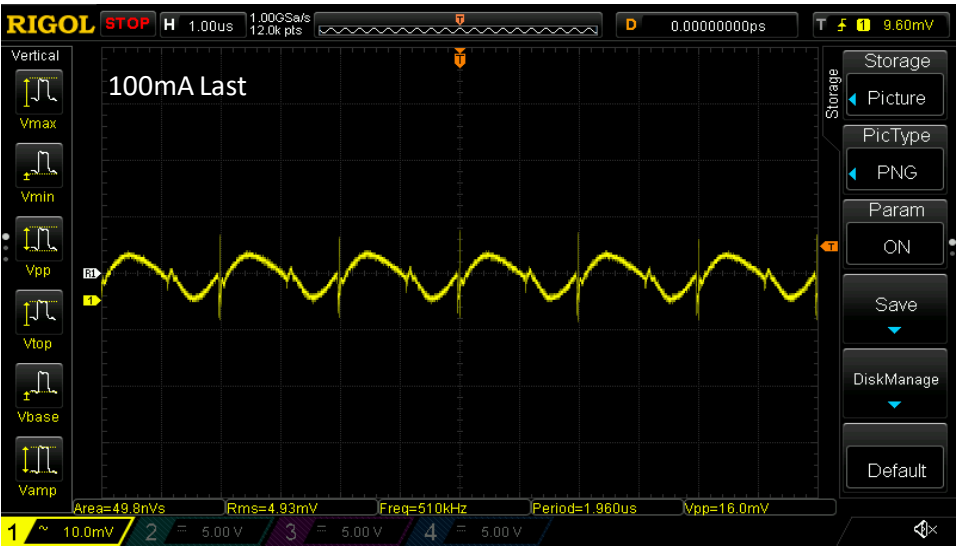
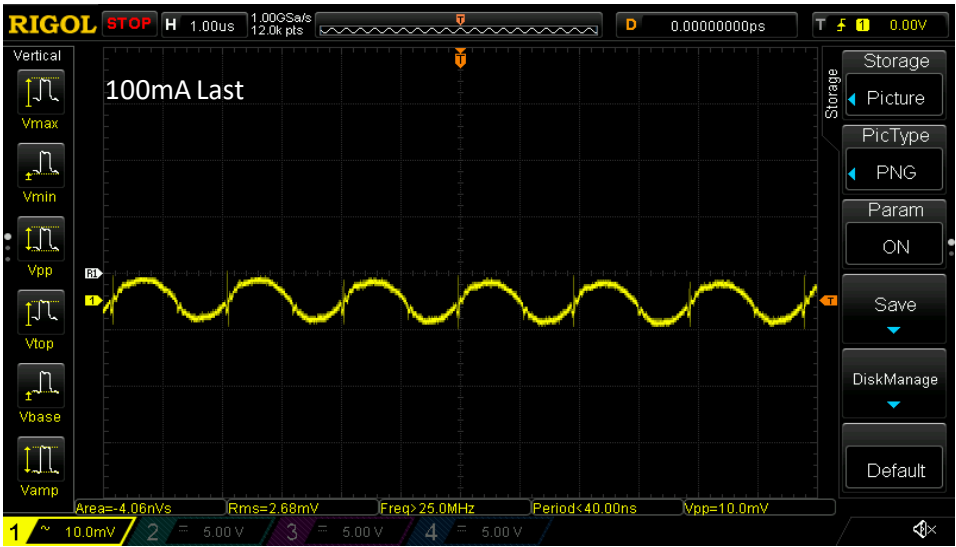
Layout 1					
	Vin 12V	Vout 5V			
P in	Strom in	Strom out	Vout	P out	Effizienz
144mW	12mA	12mA	5,12V	60mW	41,7%
180mW	15mA	19mA	5,12V	95mW	52,8%
240mW	20mA	30mA	5,12V	150mW	62,5%
360mW	30mA	53mA	5,12V	265mW	73,6%
600mW	50mA	100mA	5,12V	500mW	83,3%
1224mW	102mA	220mA	5,12V	1100mW	89,9%
2772mW	231mA	515mA	5,11V	2575mW	92,9%
4344mW	362mA	812mA	5,11V	4060mW	93,5%
4824mW	402mA	905mA	5,10V	4525mW	93,8%
6168mW	514mA	1156mA	5,10V	5780mW	93,7%

Layout 2					
	Vin 12V	Vout 5V			
P in	Strom in	Strom out	Vout	P out	Effizienz
144mW	12mA	10mA	5,08V	50mW	34,7%
180mW	15mA	18mA		90mW	50,0%
240mW	20mA	30mA		150mW	62,5%
360mW	30mA	54mA		270mW	75,0%
600mW	50mA	100mA	5,08V	500mW	83,3%
1224mW	102mA	222mA	5,07V	1110mW	90,7%
2640mW	220mA	492mA	5,07V	2460mW	93,2%
4212mW	351mA	795mA		3975mW	94,4%
4752mW	396mA	898mA		4490mW	94,5%
6096mW	508mA	1154mA	5,05V	5770mW	94,7%



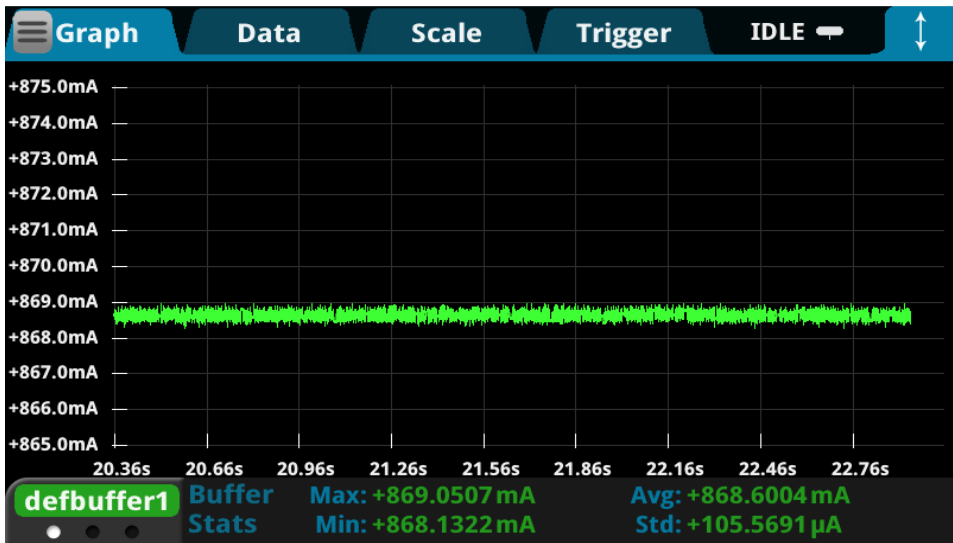
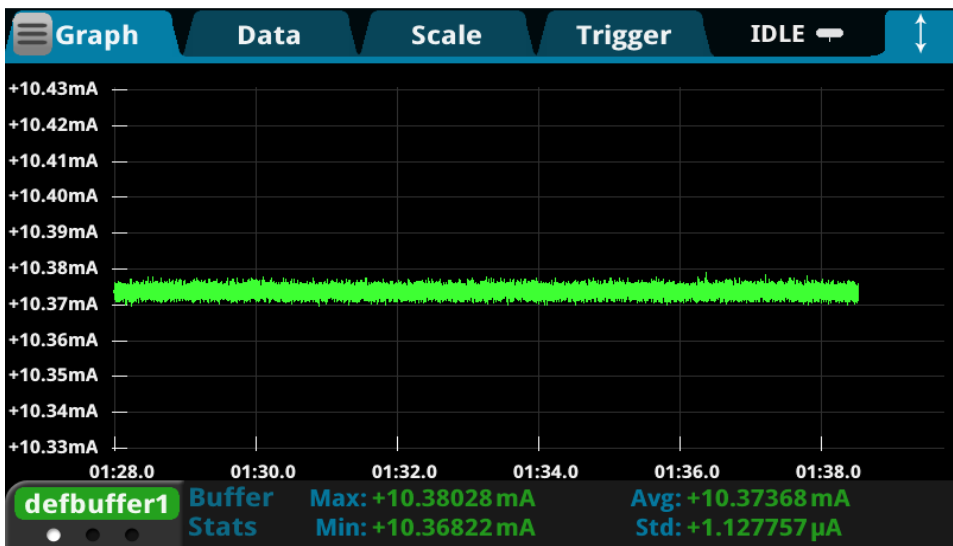
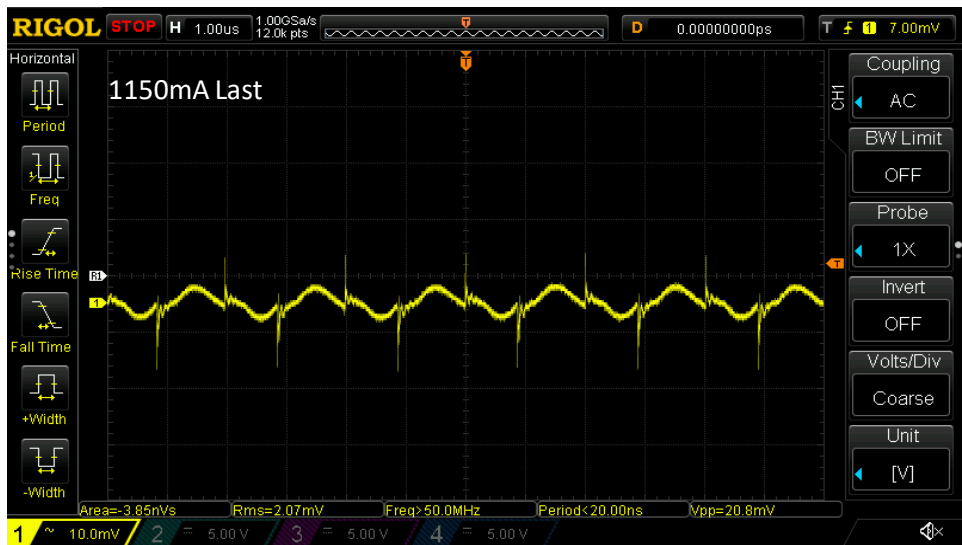
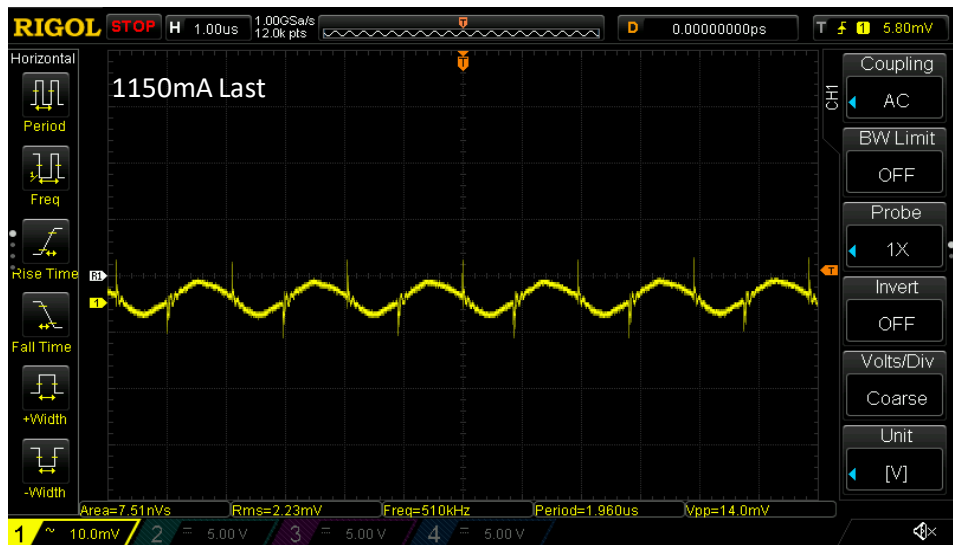
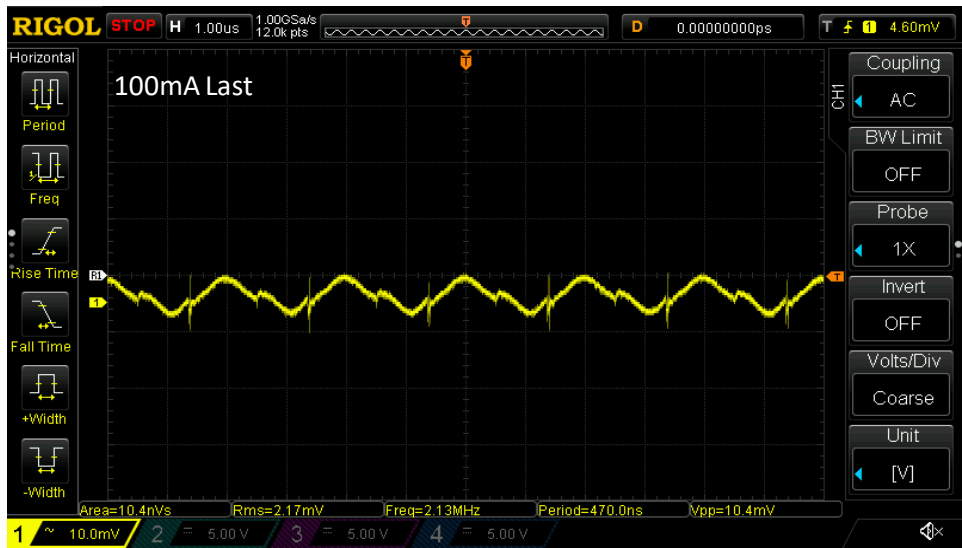
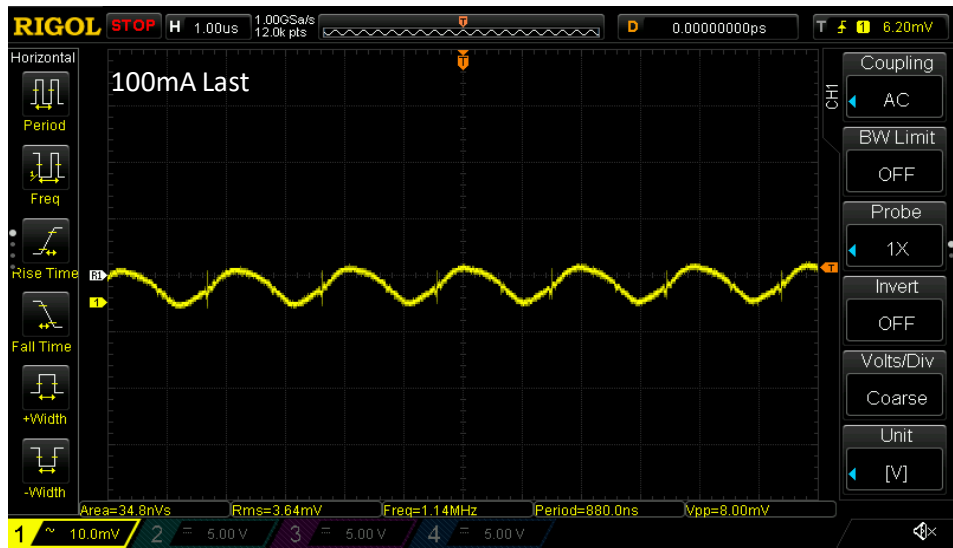
mit originalen Aufbau, nur mit C5 und C6 am Ausgang

mit originalen Aufbau, nur mit C5 und C6 am Ausgang



mit zusätzlich Huckepack 10μF C7 auf C6 am Ausgang

mit zusätzlich Huckepack 22μF C7 auf C6 am Ausgang



Vout Einschalttrampe, unabhängig vom Layout, vom Laststrom oder Reset nach Überlast

