Vin [V]	Max I_Vin [A]	Estimated max Iout [A] (Vout/Rload)	Noload Vout [V]	Max. load Vout [V]	Comments
6	1,2	1,5		4,8	Vout stabilized at 4,92V
6,5	0,75	0,97		4,8	max current starts to drop
7,1	0,51	0,57		4,85	
7,2	0,37	0,58	4,92-4,94	4,9	
7,8	0,1	0,2		2,44	Vout drops under load
9,4	0,1	0,22		2,6	
9,5	0,3	0,42		5	
18,3	0,15	0,42		5	

- Vout was measured with multimeter,

- Vin was measured with multimeter (and meter built in power supply)

- input current was measured by power supply,

- output current (Vout) was estimated based on Vout and resistance

- load was applied using resistor ladder made of multiple low value resistors:

Six levels used: 1.7R, 3.2R, 4.9R, 8.5R, 11.9R

Value used in column "Max I_Vin [A]" is the lowest of the above, which does not cause shut off of TPS53318 output