

voltage and ripple with load

$$v_{dc} = 250.2147138 \text{ volt}$$

$$\text{ripple} = 0.031260247$$

capacitance connected across load

$$v_{dc} = 497.9138215 \text{ volt}$$

$$\text{ripple} = 0.037587908$$

filter containing two inductors and capacitors in parallel

$$v_{dc} = 250 \text{ volt}$$

$$\text{ripple} = 0.000648437$$

two filter

$$v_{dc} = 250 \text{ volt}$$

$$\text{ripple} = 0.000004758$$

$$v_{dc} = 358.255494 \text{ volt}$$

$$\text{ripple} = 0.000161133$$