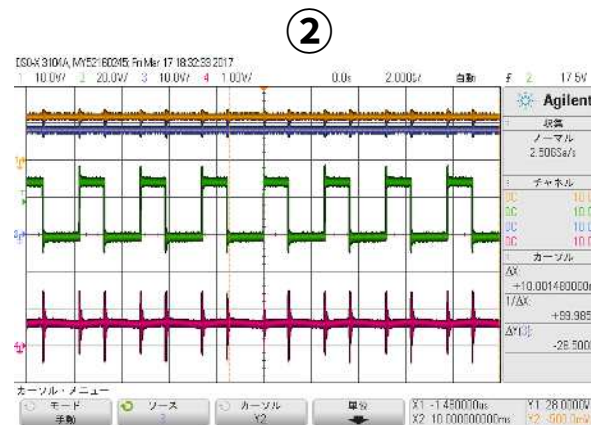
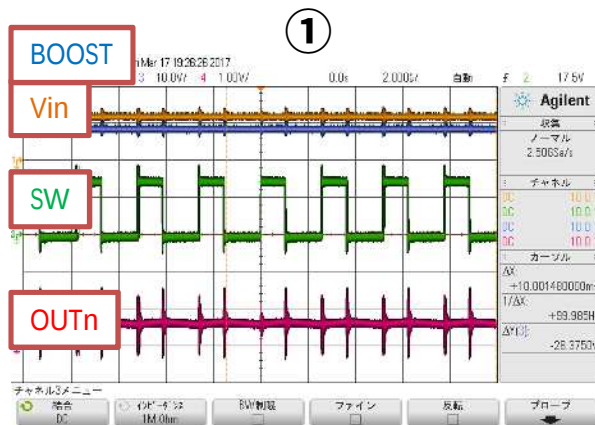




	R1	R2	Vout(max) eq(1)	VBoost	VOUn
①	750k	130k	37.1	28V	0.6V
②	270k	13k	36.6V	28V	0.6V
③	33k	1.3k	32.9V	32V	4.4V

$$V_{OUT_MAX} = \left(\frac{V_{BG}}{R2} + 0.0387 \right) \times R1 + V_{BG}$$

where

- $V_{BG} = 1.2V$
- R2 recommended value is 130 kΩ
- Resistor values are in kΩ

(1)