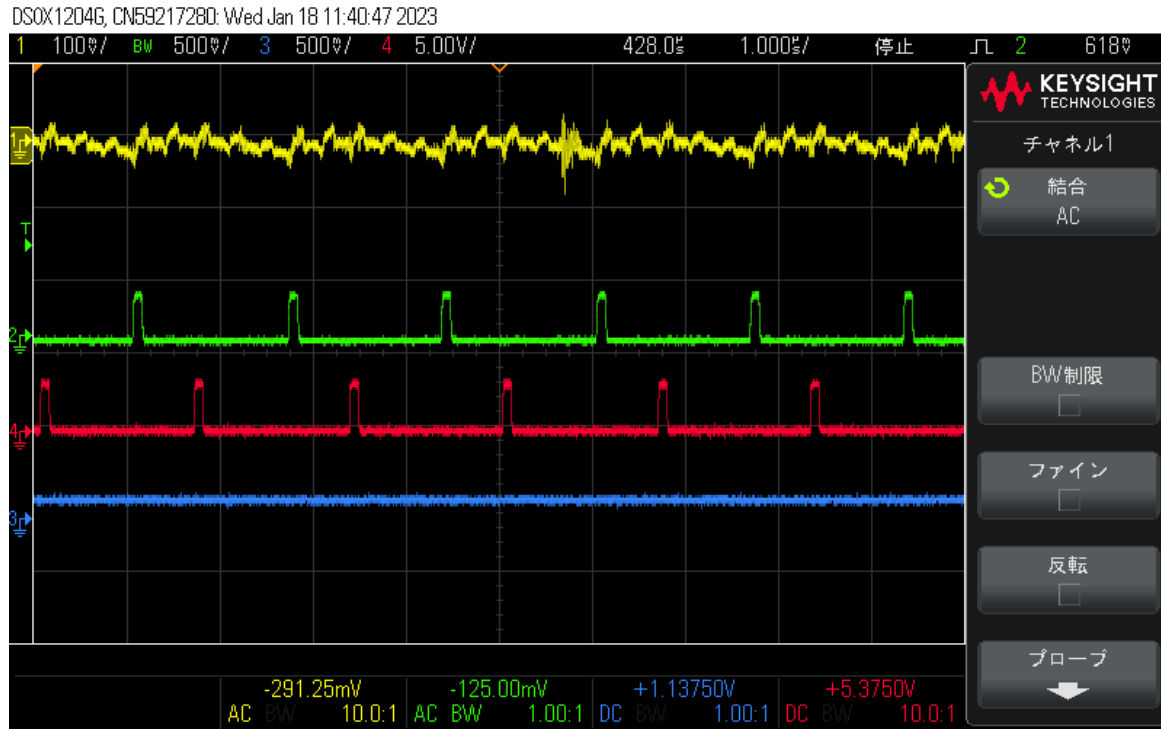


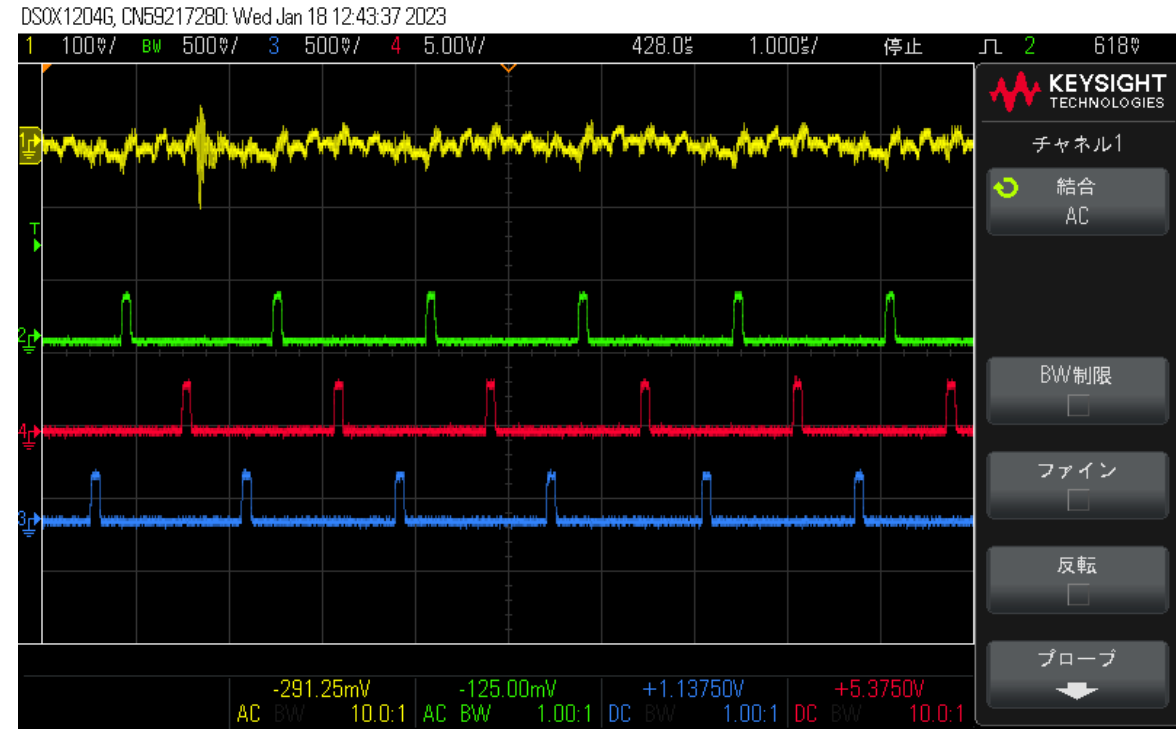
# TPS356C7 Operation

10phase operation (no out put No.6 PWM and No.12 PWM)



## V out and PWM

yellow : V out  
green : PWM 1  
red : PWM 2  
blue : PWM 6 (no signal)



## V out and PWM

yellow : V out  
green : PWM 1  
red : PWM 2  
blue : PWM 3

Configuration TPS536C7 @ PMBus Addr 88d (58h) / I2C Addr 176d (80h) - Rail #1

Configure

System Configuration | Rail Configuration | Protection | Calibration | SMBAlert Mask | All Config

Phase Configuration

Phase Config: Channel A: 10 Channel B: 2

Frequency Switch: 600 kHz

Dynamic Phase Shedding **OFF**

Enable dynamic phase shedding

Minimum # of pha: 1 Ph... ZC Threshold: 2 A

TDPS\_FIL: 0.5 μs START\_PH: All av...

Drop Hysteresis: 0A

| Name  | EN                                  | Page | Phase | Order | Turbo                    |
|-------|-------------------------------------|------|-------|-------|--------------------------|
| PWM1  | <input checked="" type="checkbox"/> | 0    | 0     | 0     | <input type="checkbox"/> |
| PWM2  | <input checked="" type="checkbox"/> | 0    | 1     | 2     | <input type="checkbox"/> |
| PWM3  | <input checked="" type="checkbox"/> | 0    | 2     | 4     | <input type="checkbox"/> |
| PWM4  | <input checked="" type="checkbox"/> | 0    | 3     | 6     | <input type="checkbox"/> |
| PWM5  | <input checked="" type="checkbox"/> | 0    | 4     | 8     | <input type="checkbox"/> |
| PWM6  | <input checked="" type="checkbox"/> | 1    | 1     | 0     | <input type="checkbox"/> |
| PWM7  | <input checked="" type="checkbox"/> | 0    | 5     | 1     | <input type="checkbox"/> |
| PWM8  | <input checked="" type="checkbox"/> | 0    | 6     | 3     | <input type="checkbox"/> |
| PWM9  | <input checked="" type="checkbox"/> | 0    | 7     | 5     | <input type="checkbox"/> |
| PWM10 | <input checked="" type="checkbox"/> | 0    | 8     | 7     | <input type="checkbox"/> |
| PWM11 | <input checked="" type="checkbox"/> | 0    | 9     | 9     | <input type="checkbox"/> |
| PWM12 | <input checked="" type="checkbox"/> | 1    | 0     | 1     | <input type="checkbox"/> |

TURBO\_DRP\_DLY: 2; ZC\_TH: 0; DPS\_HYST: 0; PH\_ADD2: 8; HYST\_ADD2: 15; PH\_ADD3: 4; HYST\_ADD3: 15; PH\_ADD4: 4; HYST\_ADD4: 15; PH\_ADD5: 4; HYST\_ADD5: 15; PH\_ADD6: 4; HYST\_ADD6: 15; PH\_ADD7: 4; HYST\_ADD7: 15; PH\_ADD8: 4; HYST\_ADD8: 15; PH\_ADD9: 4; HYST\_ADD9: 15; PH\_ADD10: 4; HYST\_ADD10: 15; PH\_ADD11: 4; HYST\_ADD11: 15; PH\_ADD12: 4; HYST\_ADD12: 15

Current Config. Tab on 10 phase operation (no out put No.6 PWM and No.12 PWM)  
 This “Advance” Order is this 10phase operation situation.

Are there any suitable setting(click point) for all 12phase operation?