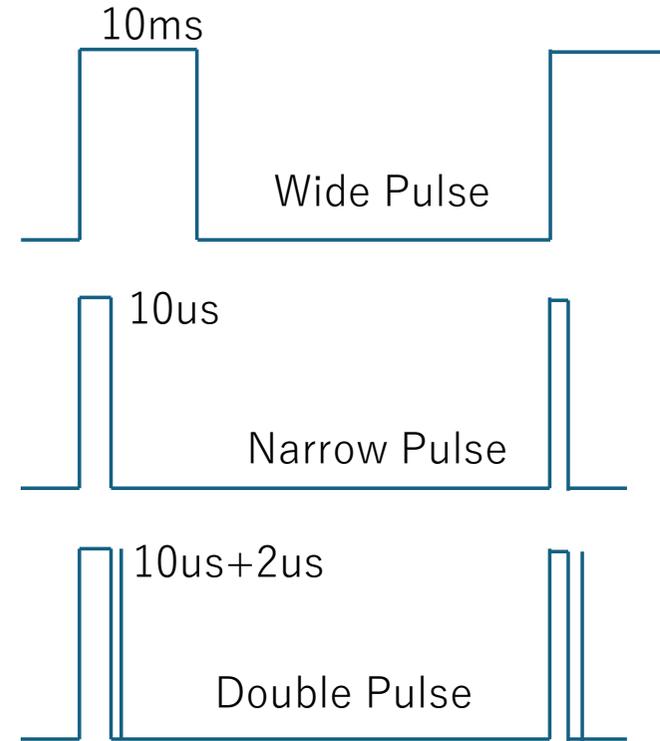
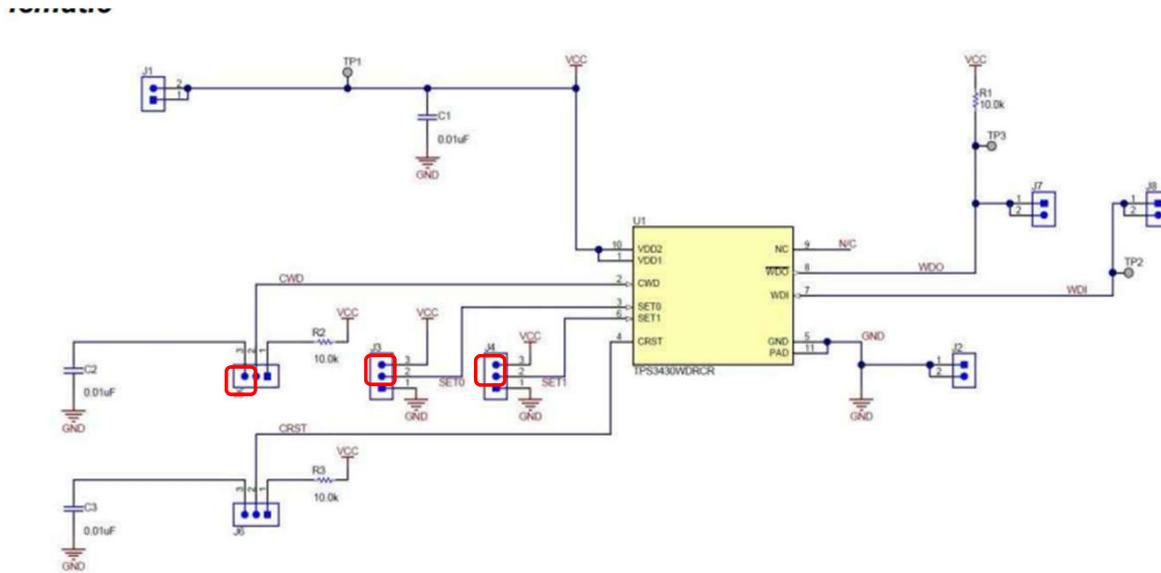


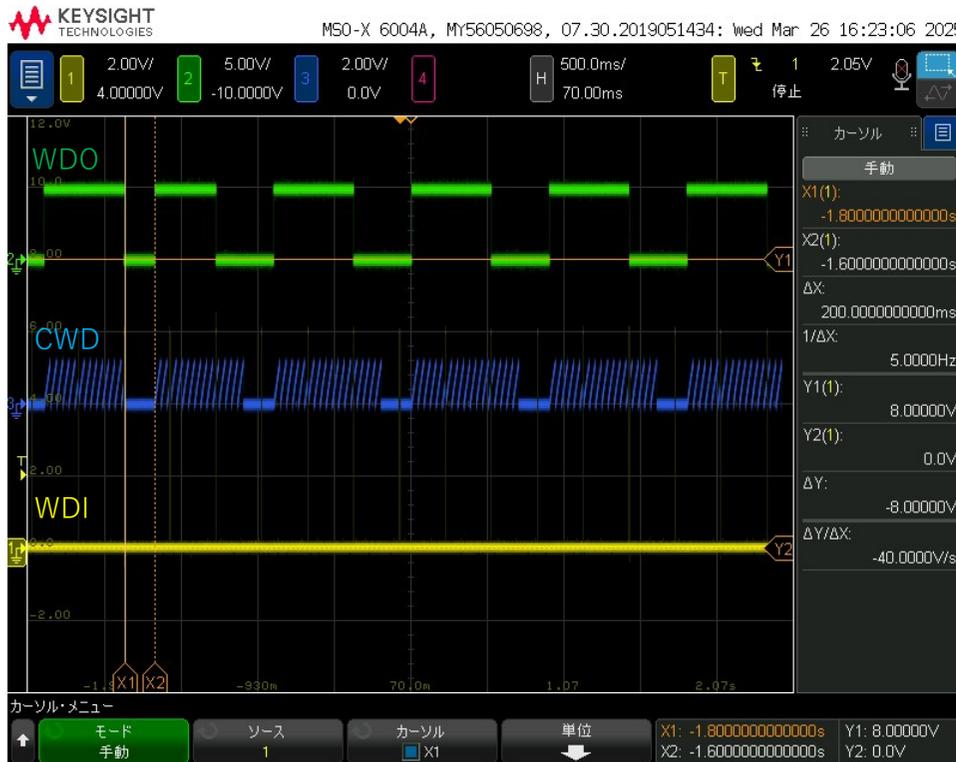
TPS3430EVM



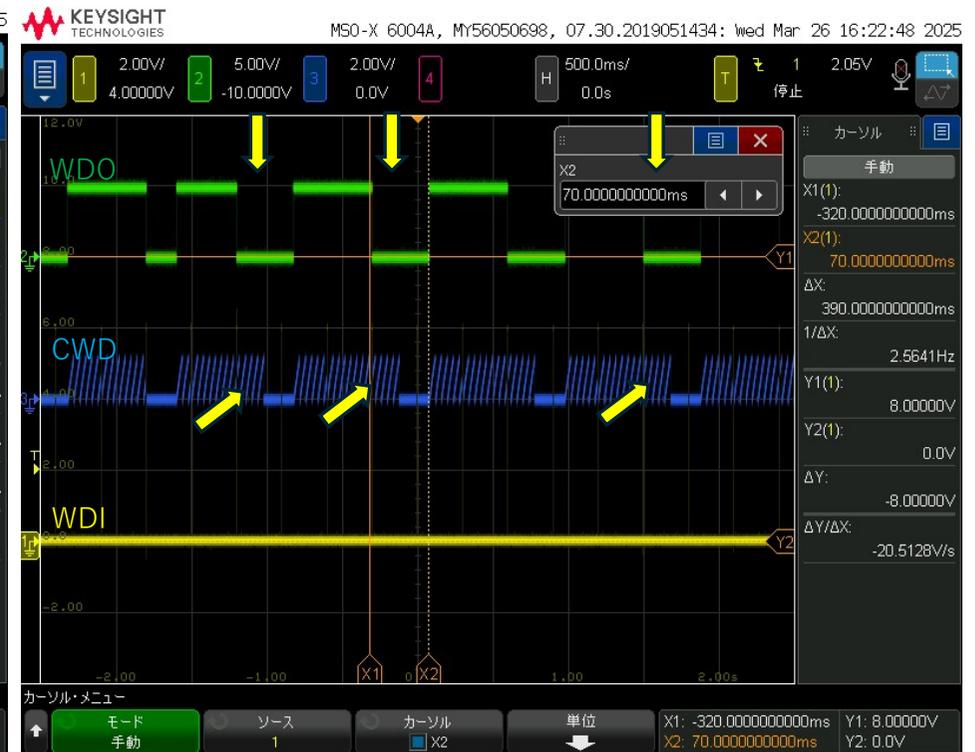
CRST=Open
 CWD=0.01uF
 SET0=High
 SET1=High

TRST=200ms
 Twdu=829ms
 Twdl=414.5ms

Double Pulse ~Early Fault

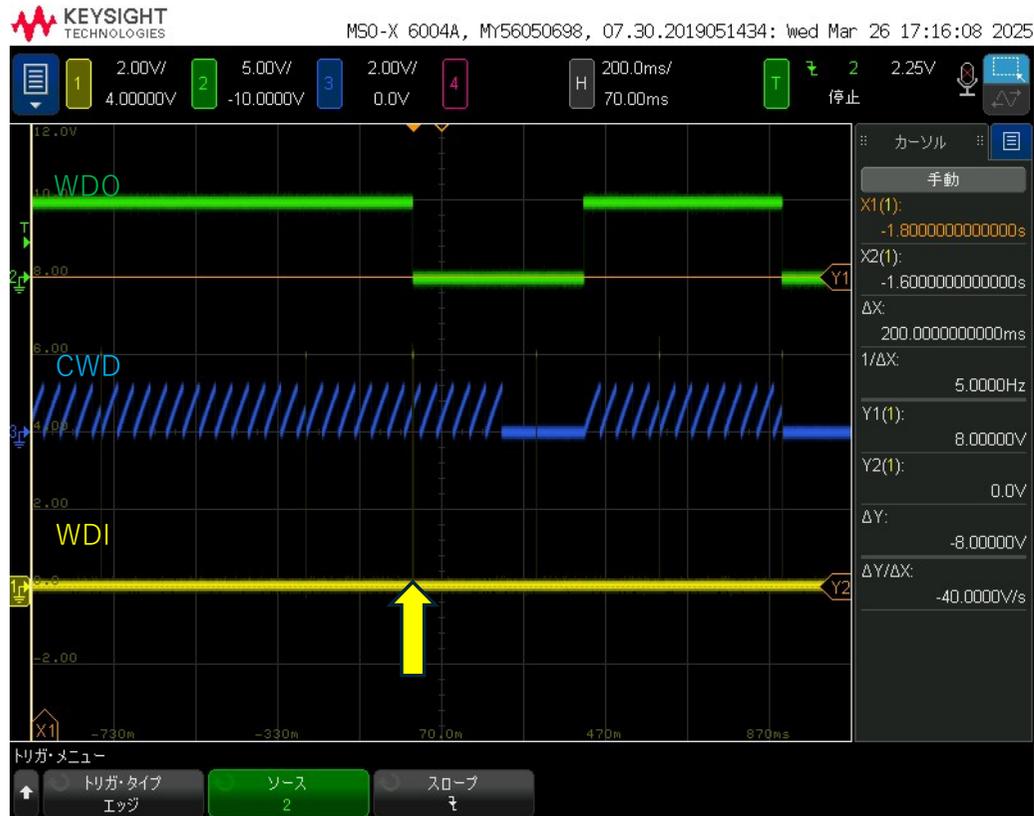


Correct
Pulse frequency~3Hz,
Period~333ms
WDO=Low
Stop CWD charge/discharge
TRST=200ms



Incorrect
Pulse frequency~3Hz
Period~333ms
WDO=Low
Don't Stop CWD charge/discharge
TRST=390ms

Double Pulse ~Correct operation ⇒ Early Fault



Incorrect

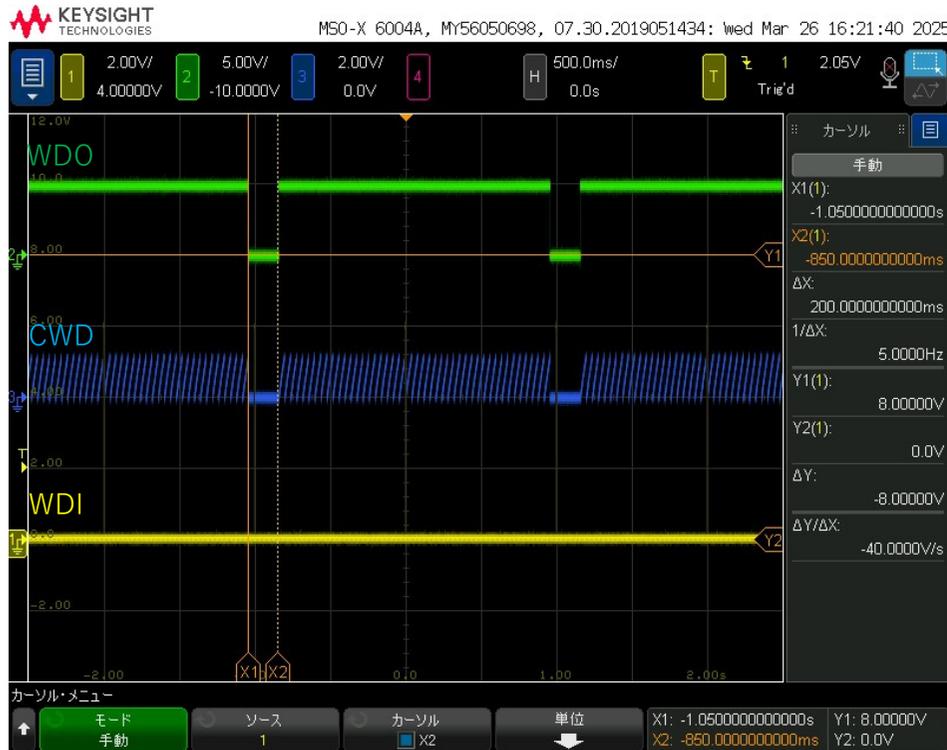
Pulse frequency~1Hz⇒3Hz

Early Fault, WDO=Low

Don't Stop CWD charge/discharge

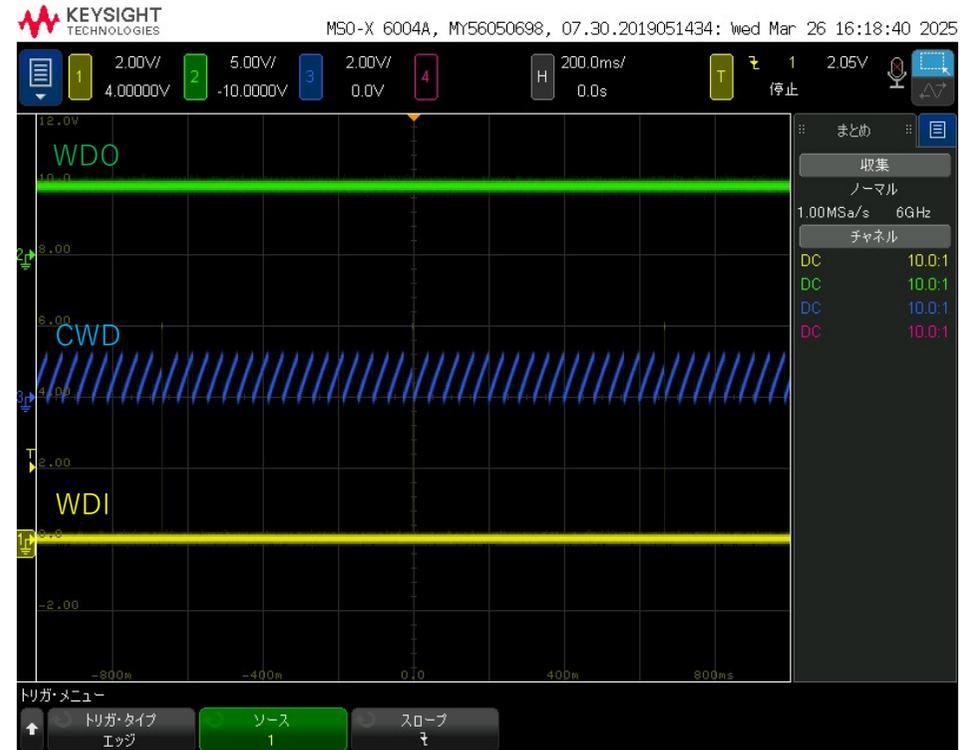
TRST=390ms

Double Pulse ~Late Fault



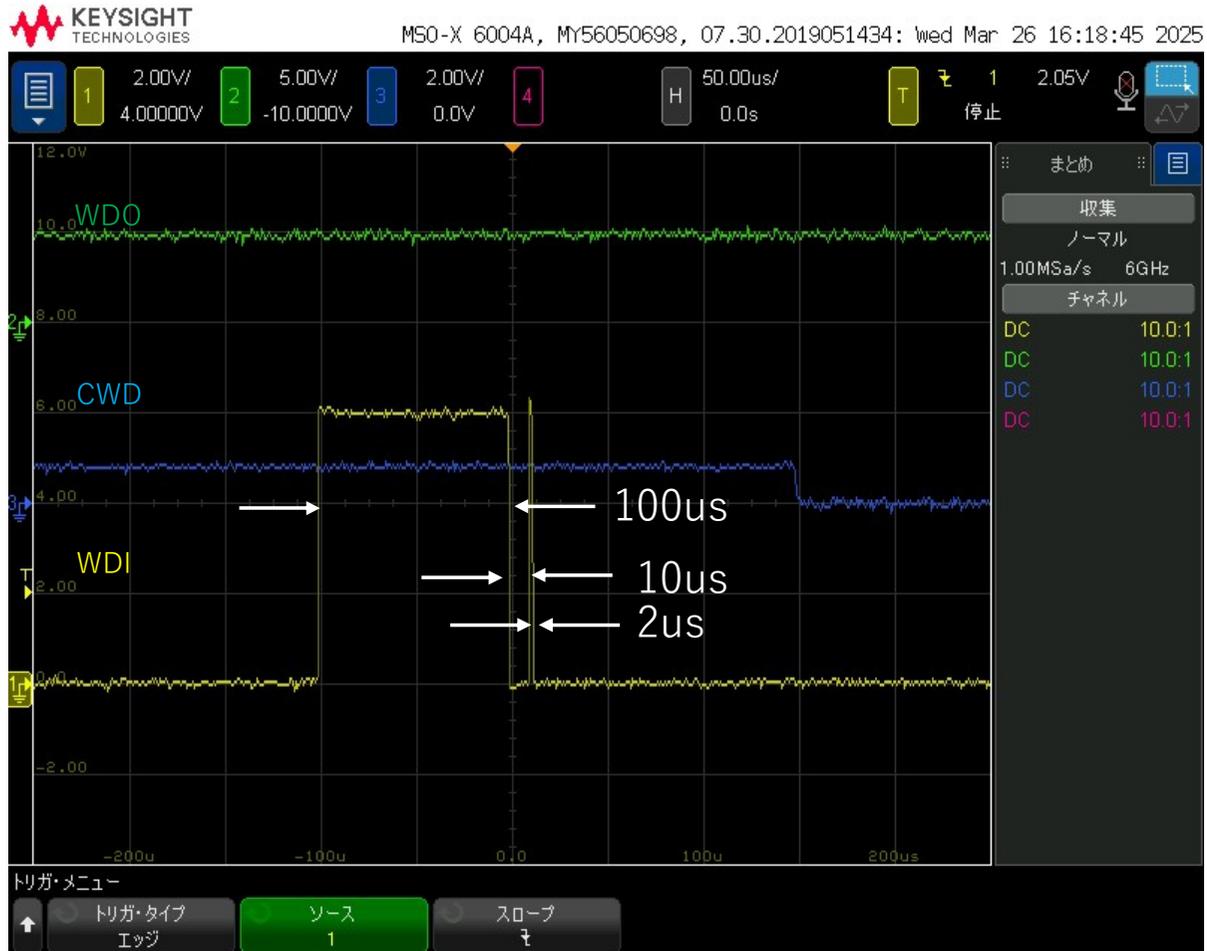
Pulse frequency~1Hz
Period~1sec
WDO=Low
Stop CWD charge/discharge
Trst~200ms

Double Pulse ~Correct Operation

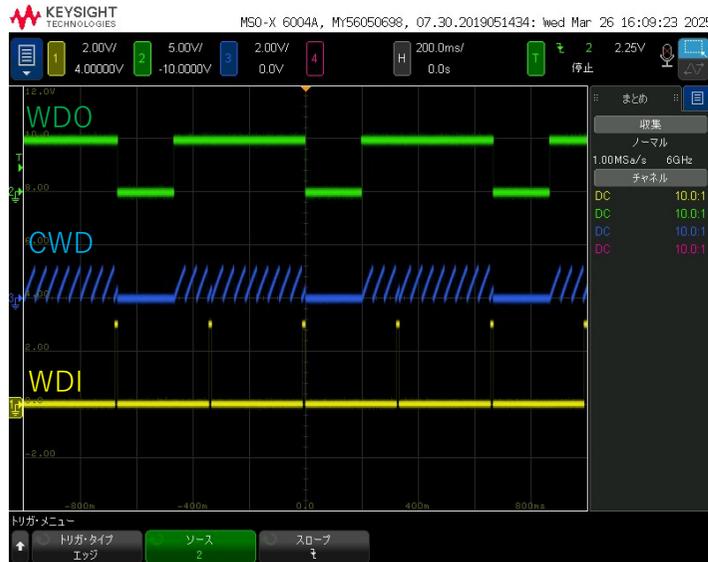


Pulse frequency~1.5Hz
Period~660ms
WDO=High

Double Pulse Waveform

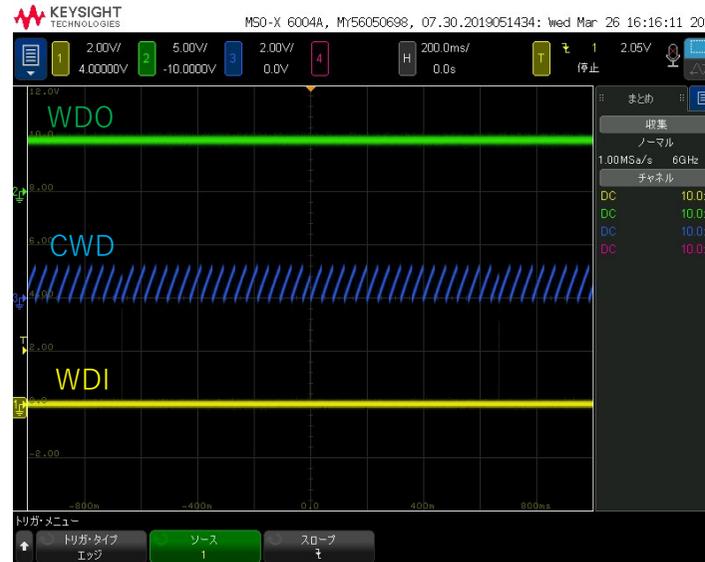


Narrow Pulse ~Early Fault



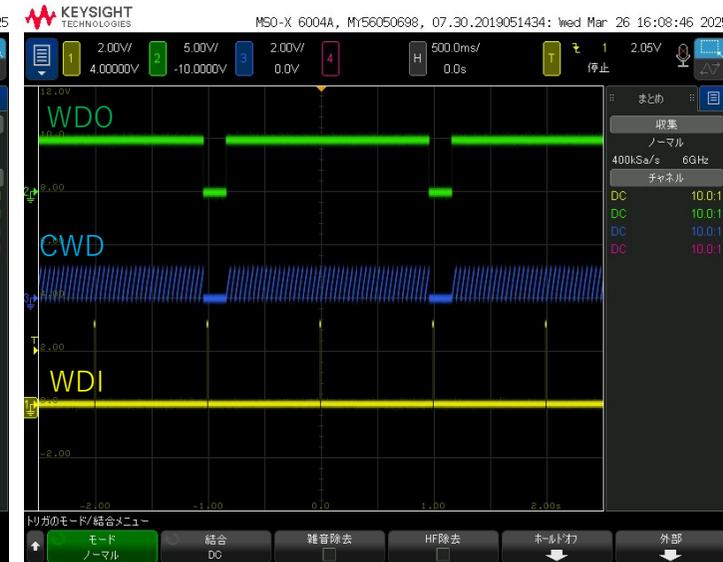
Pulse frequency~3Hz
 Period~333ms
 WDO=Low
 Stop CWD charge/discharge
 TRST=200ms

Narrow Pulse ~Correct Operation



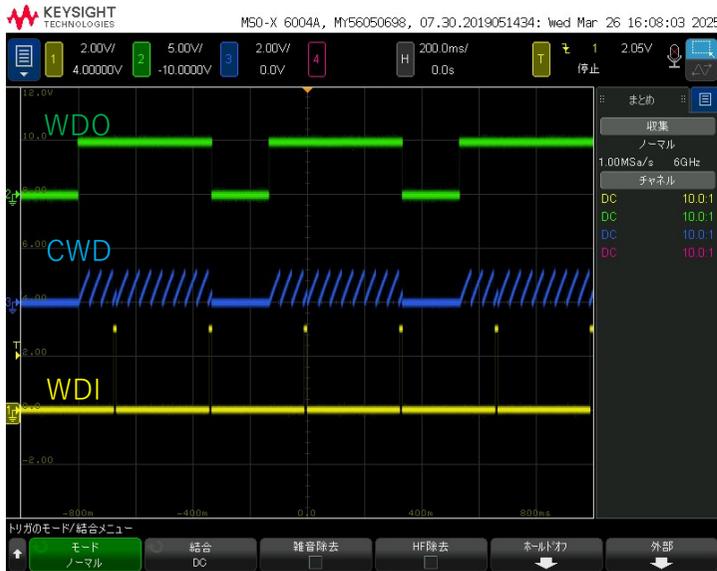
Pulse frequency~1.5Hz
 Period~660ms
 WDO=High

Narrow Pulse ~Late Fault



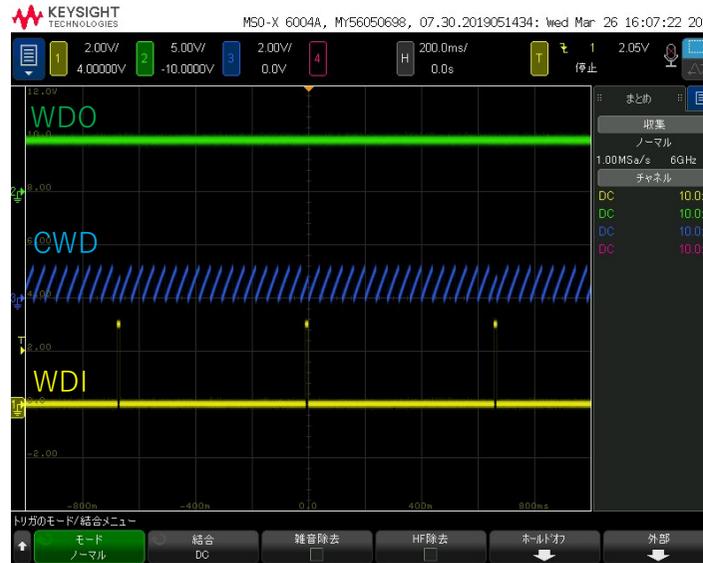
Pulse frequency~1Hz
 Period~1sec
 WDO=Low
 Stop CWD charge/discharge
 Trst~200ms

Wide Pulse ~Early Fault



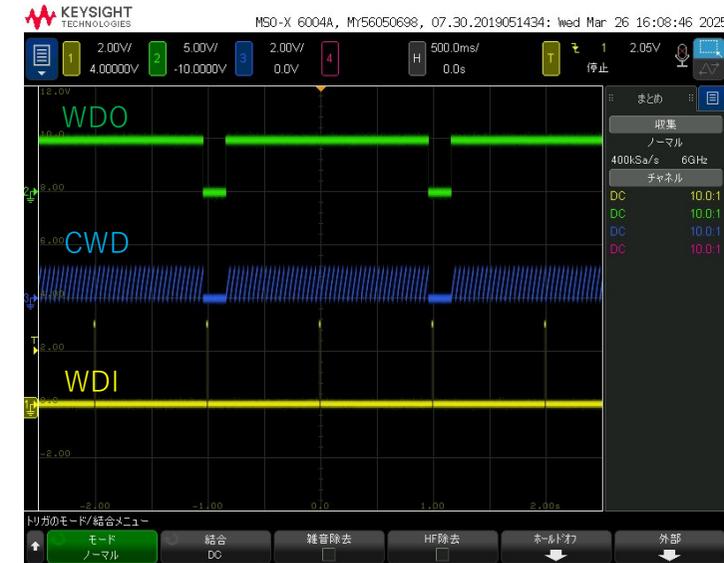
Pulse frequency~3Hz
 Period~333ms
 WDO=Low
 Stop CWD charge/discharge
 TRST=200ms

Wide Pulse ~Correct Operation



Pulse frequency~1.5Hz
 Period~660ms
 WDO=High

Wide Pulse ~Late Fault



Pulse frequency~1Hz
 Period~1sec
 WDO=Low
 Stop CWD charge/discharge
 Trst~200ms