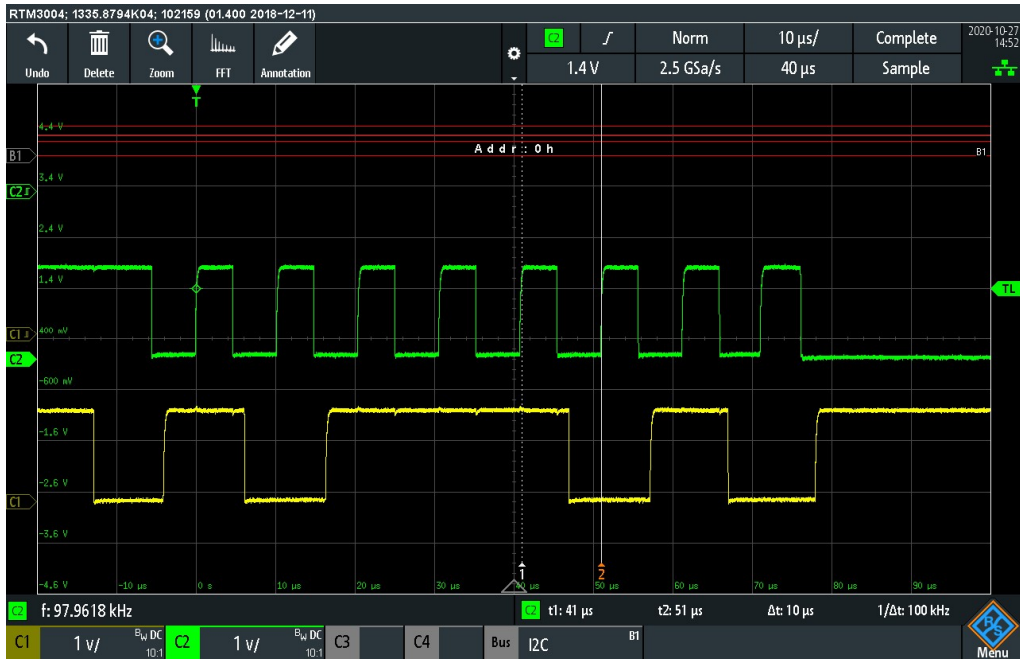


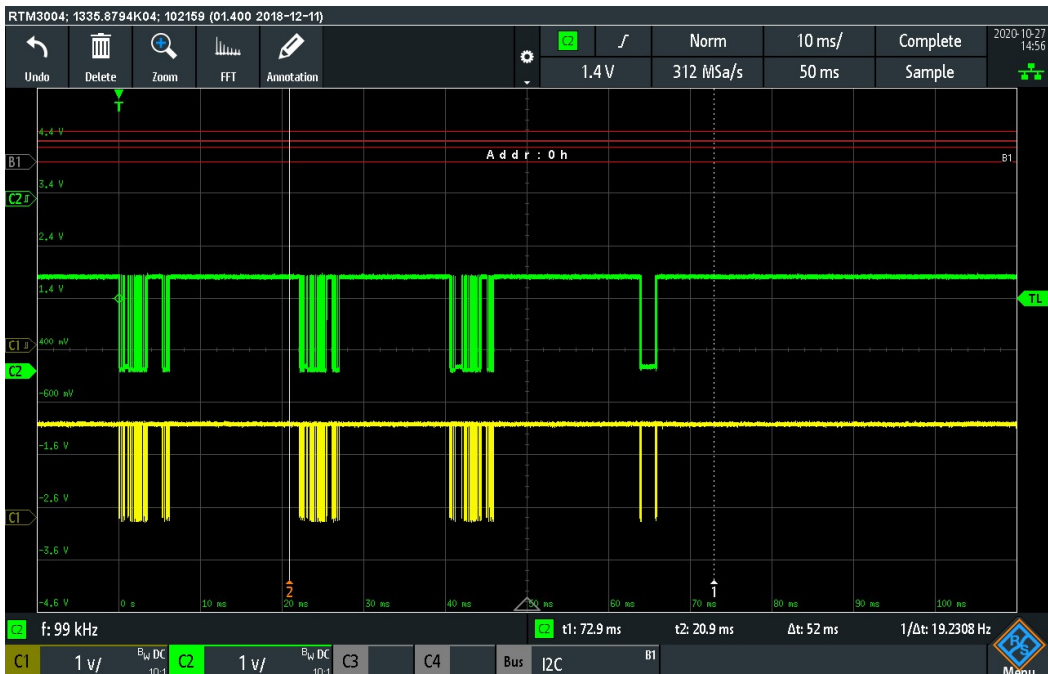
With DSI Clock - 76 MHz (0x56=0):

Serialiser side (Master I2C): I2C on touch event

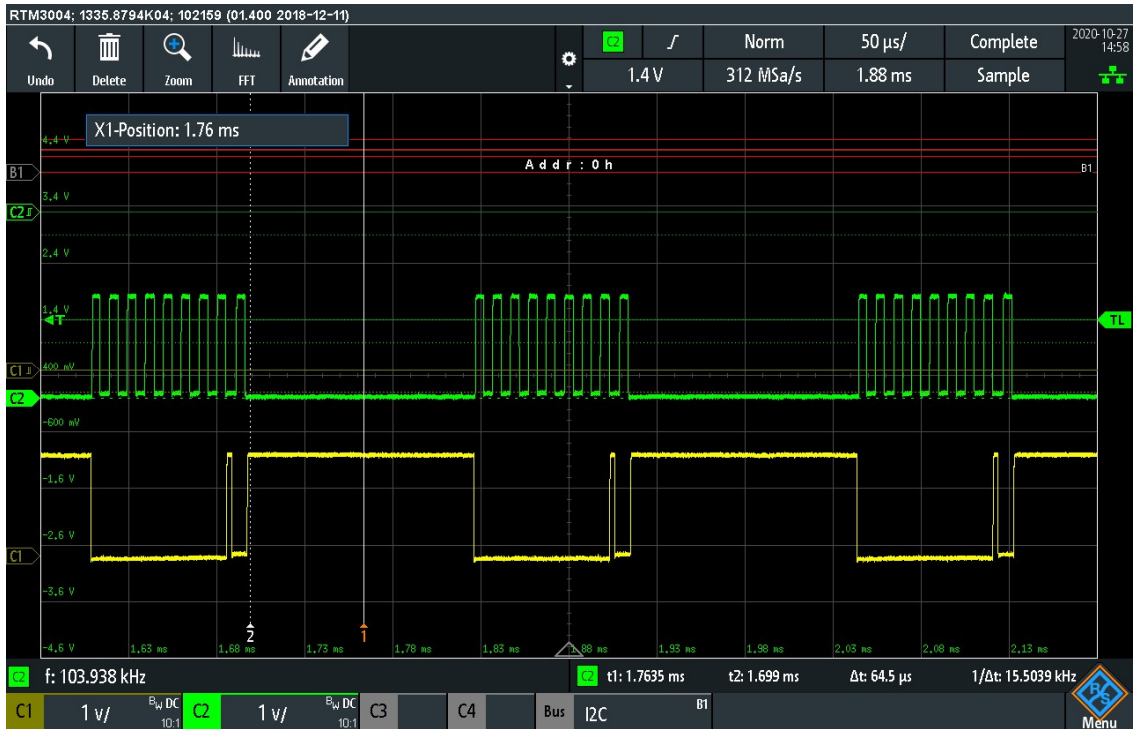
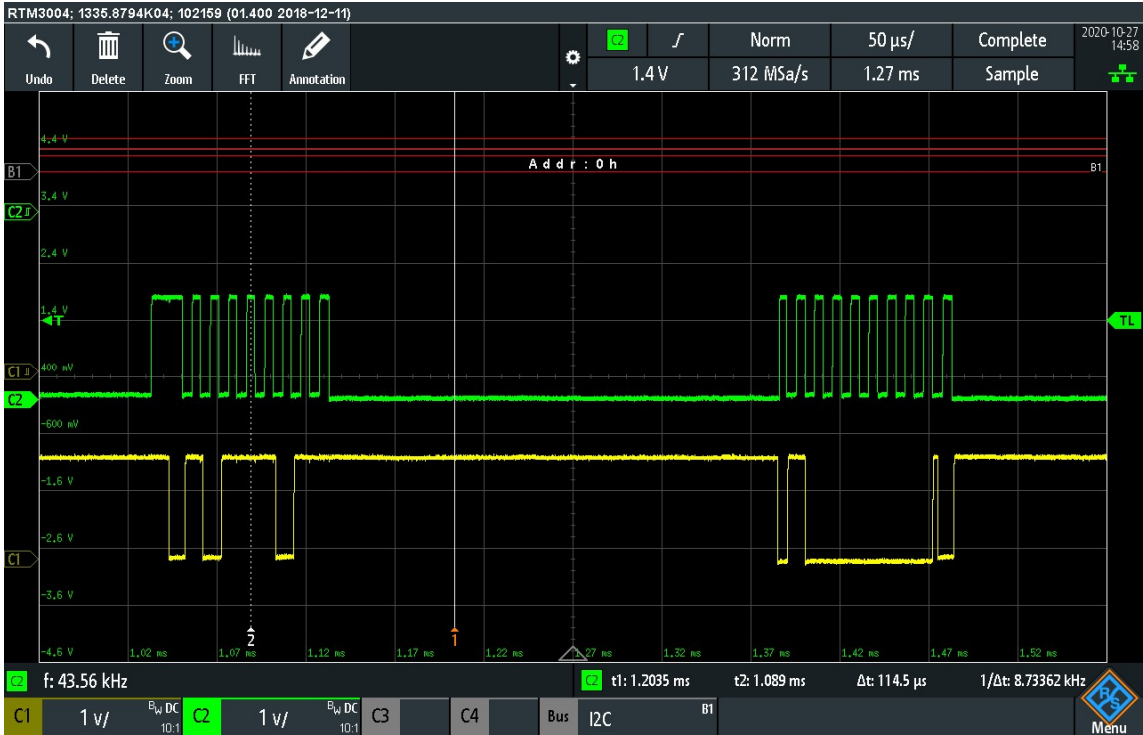
I2C Clock = 100 KHz

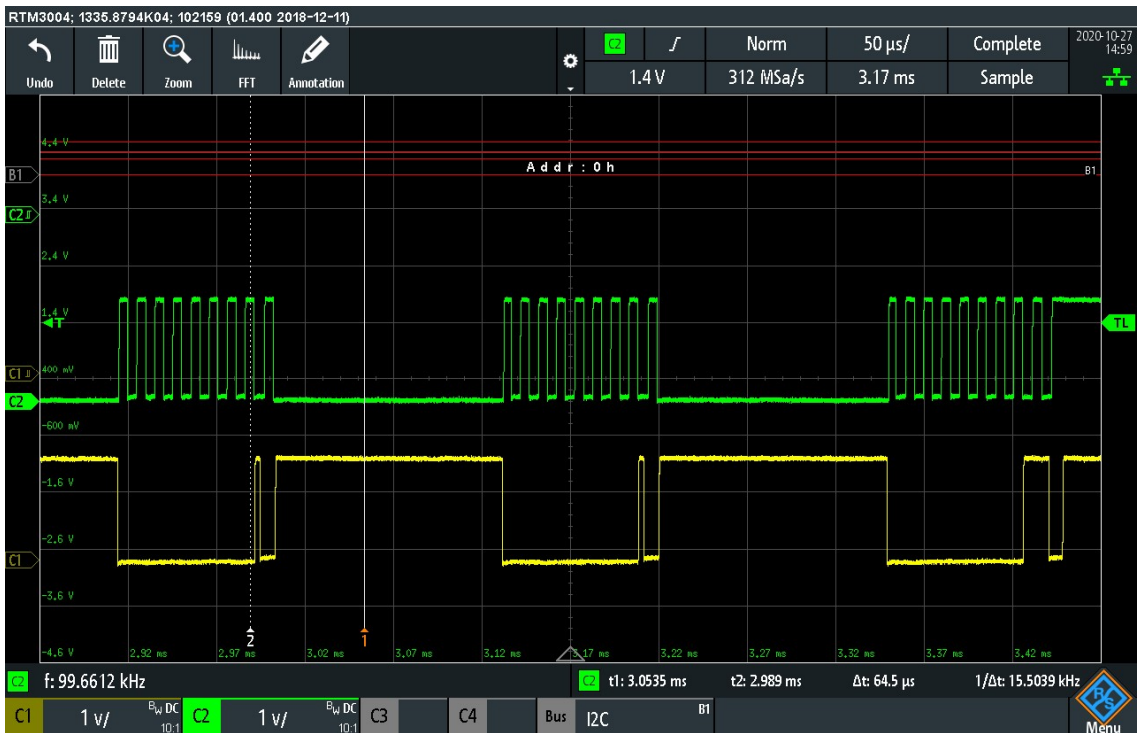
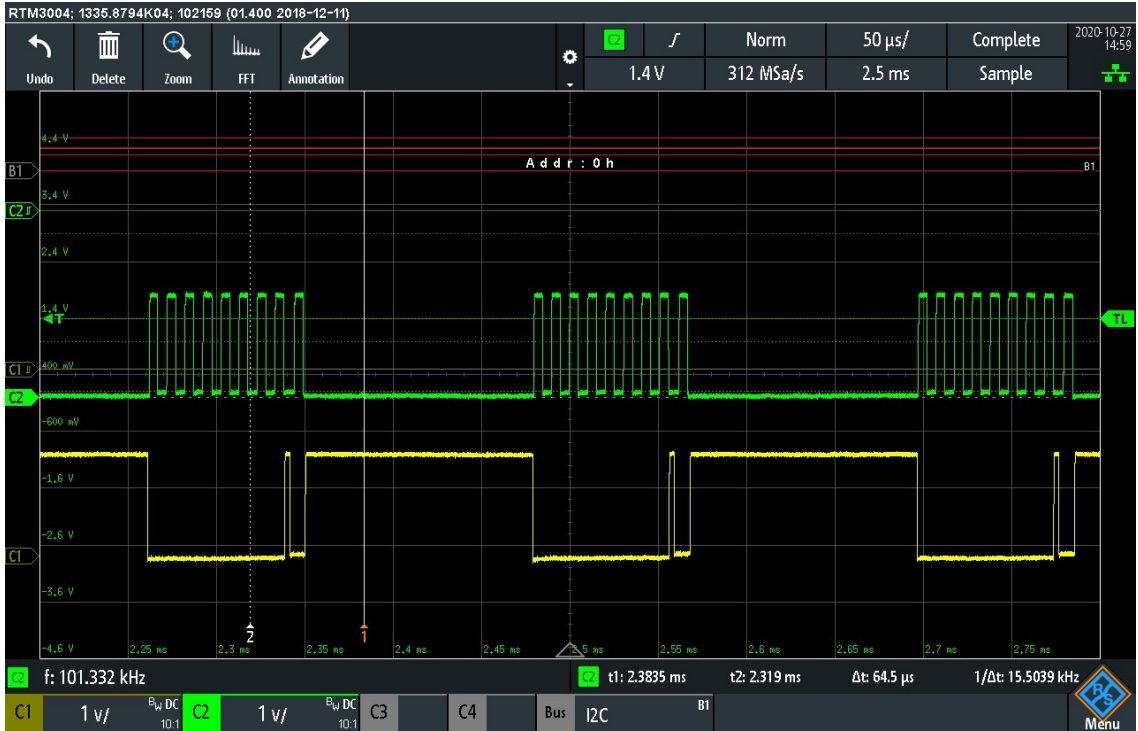


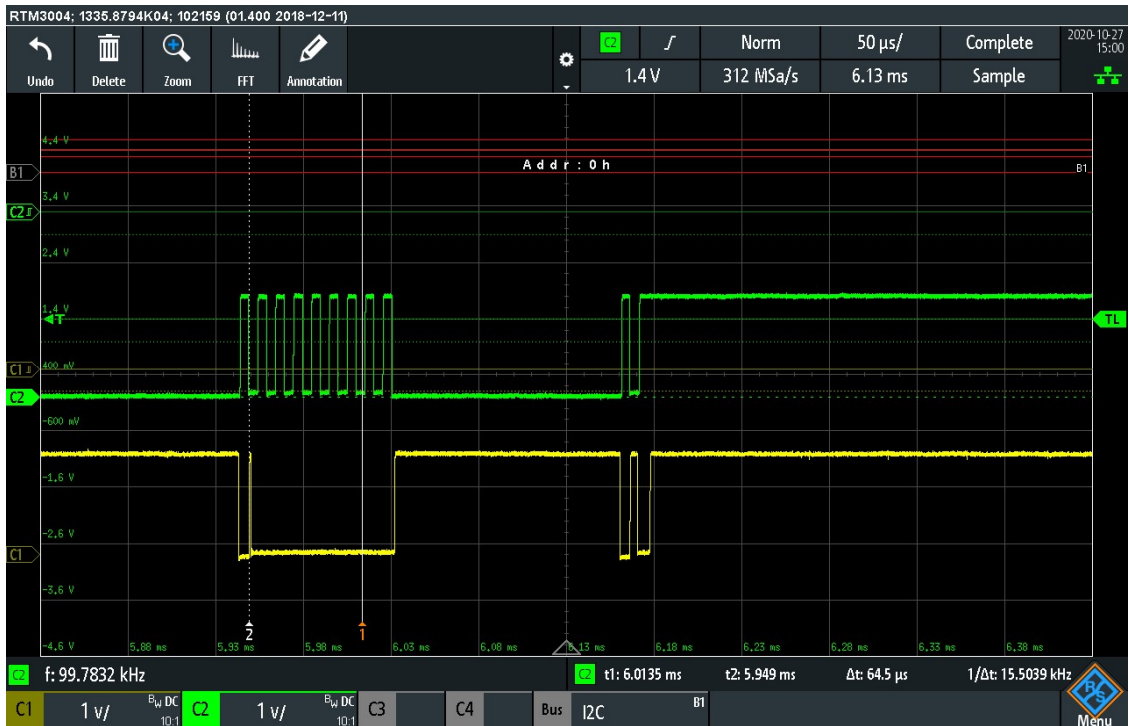
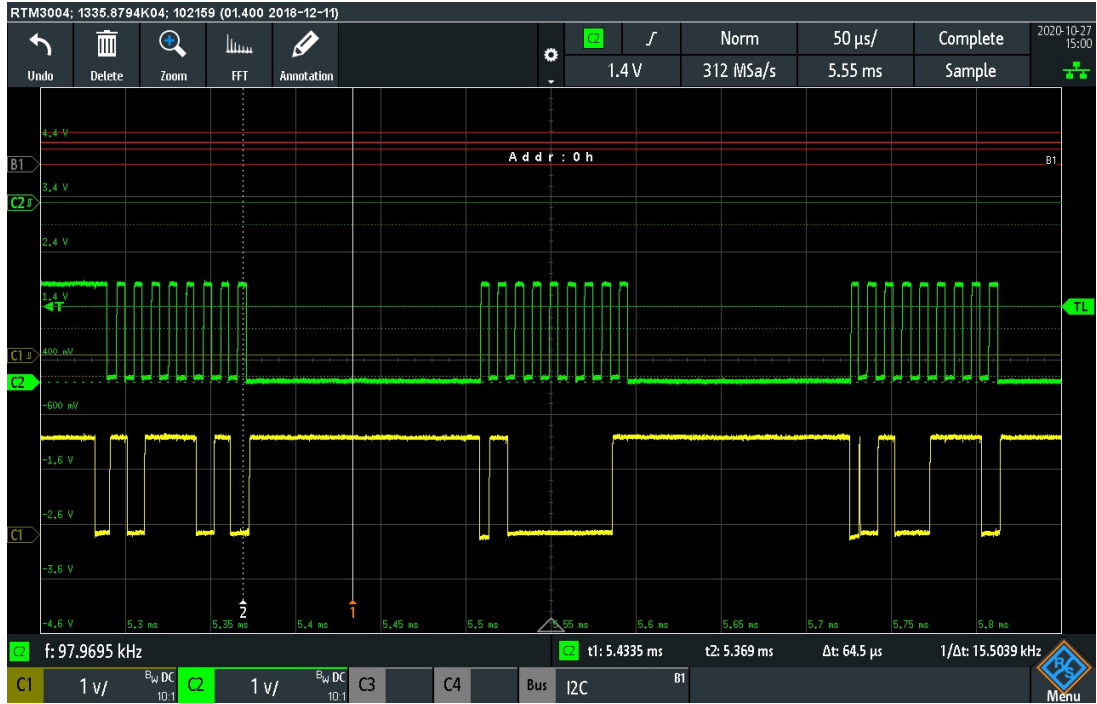
I2C upon a touch event: Timescale= 10mS

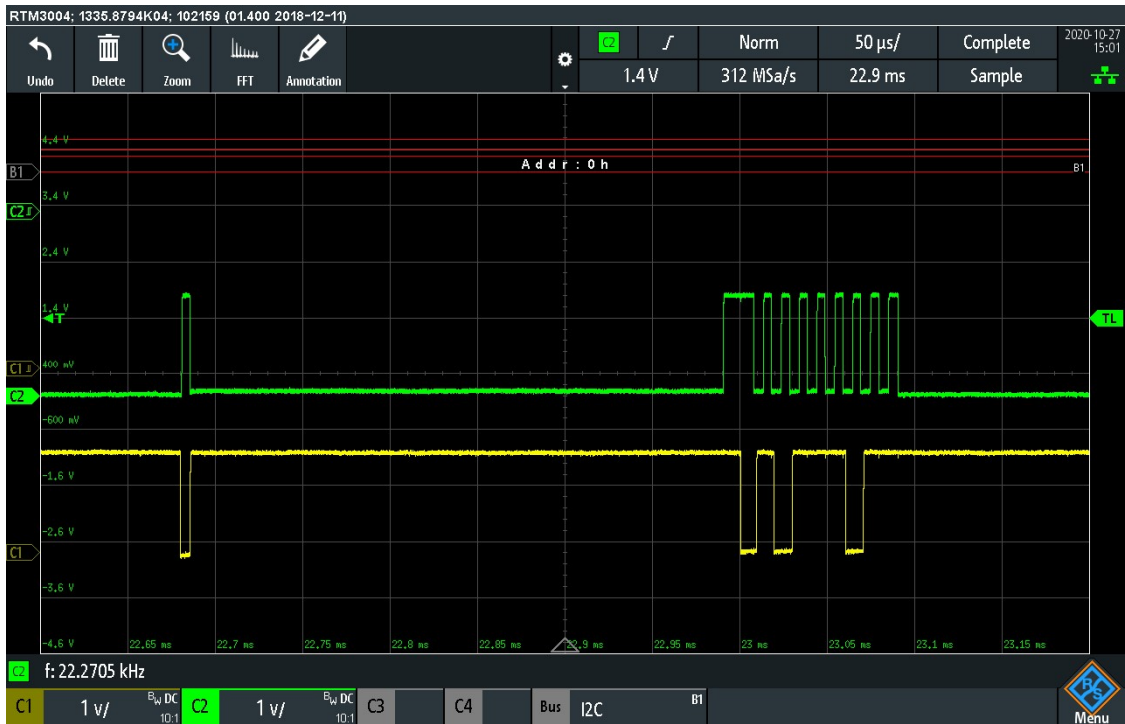
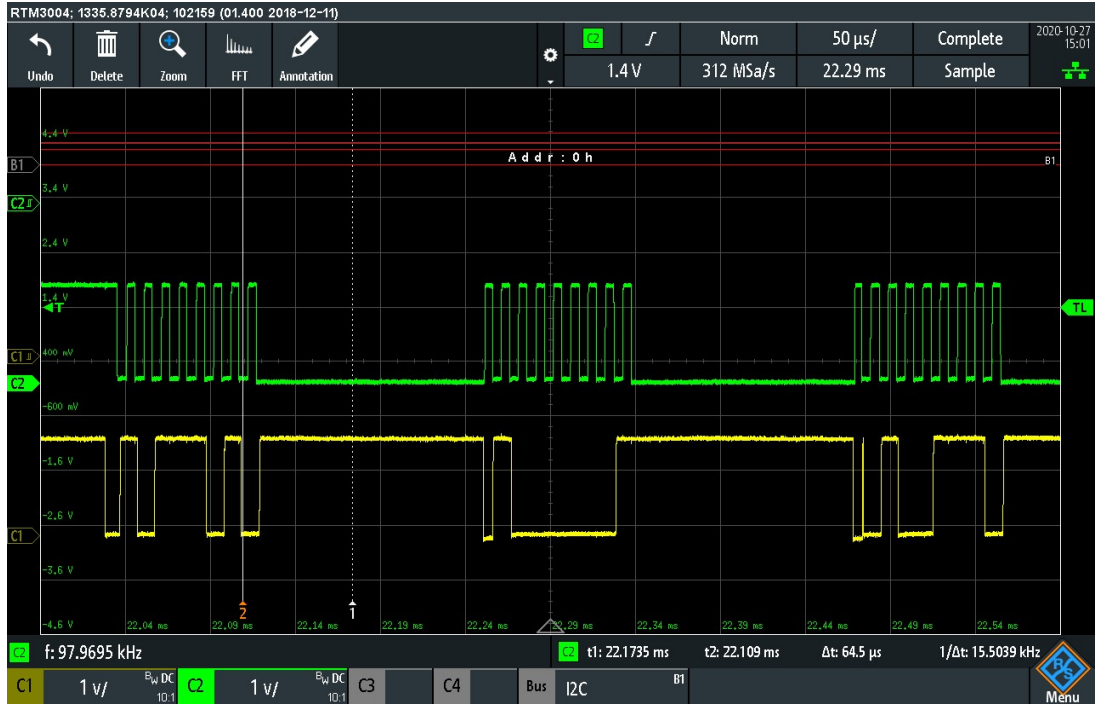


Above waveform timescale is changed to 50µs and captured in order for readability:







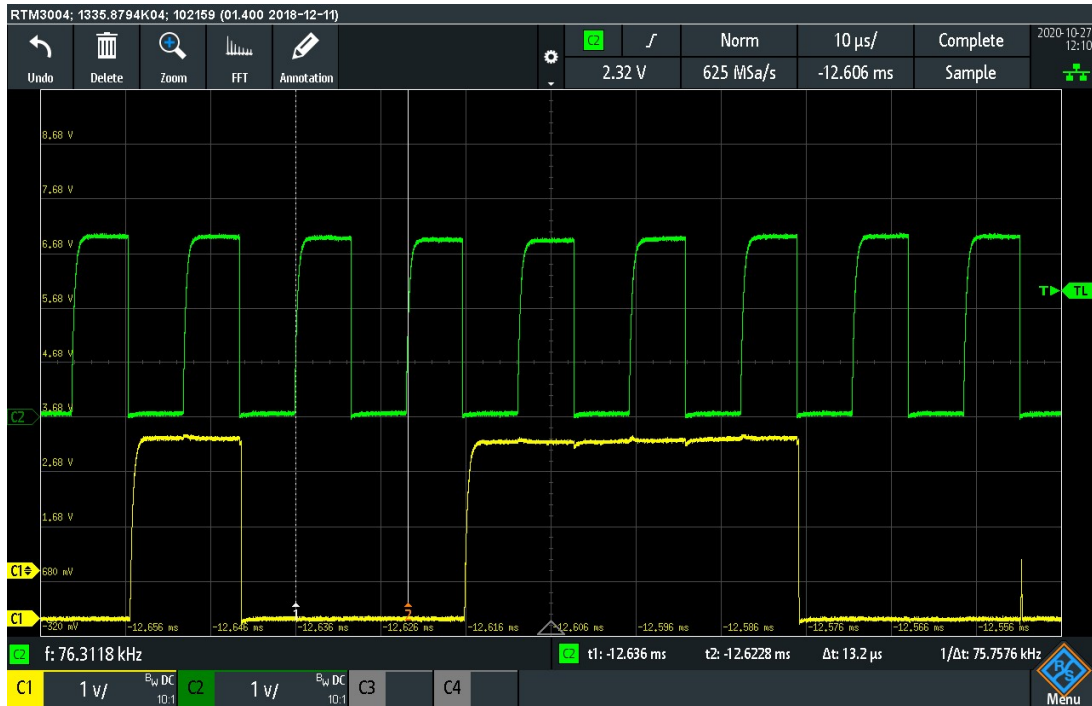


Observation:

1. Screen is stable, not flickering
2. Touch is not proper
3. Screen flickers when touch, else stable

De-Serialiser side (Slave I2C): I2C on touch event

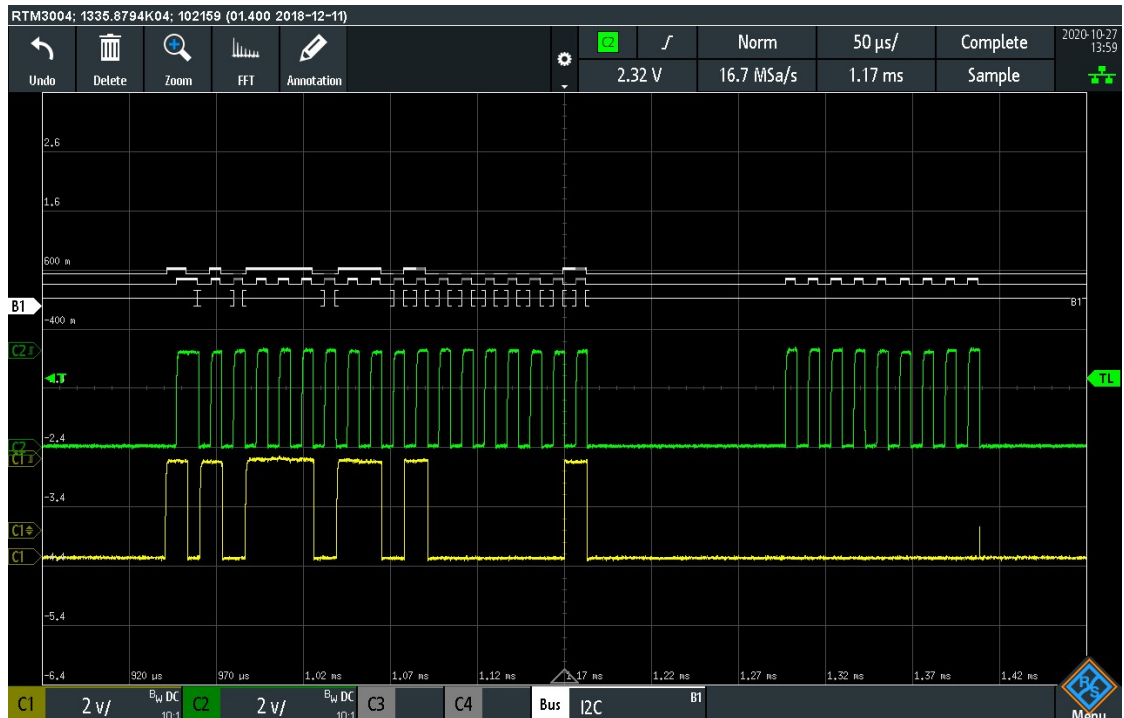
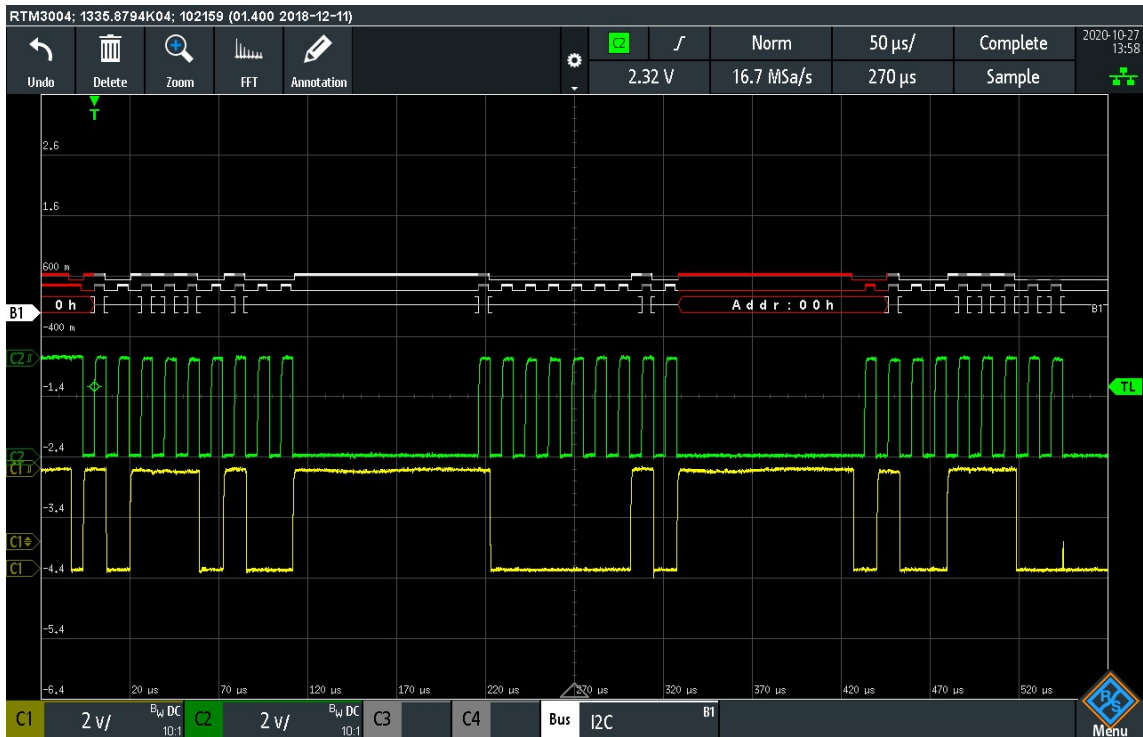
I2C Clock = 76.332 KHz

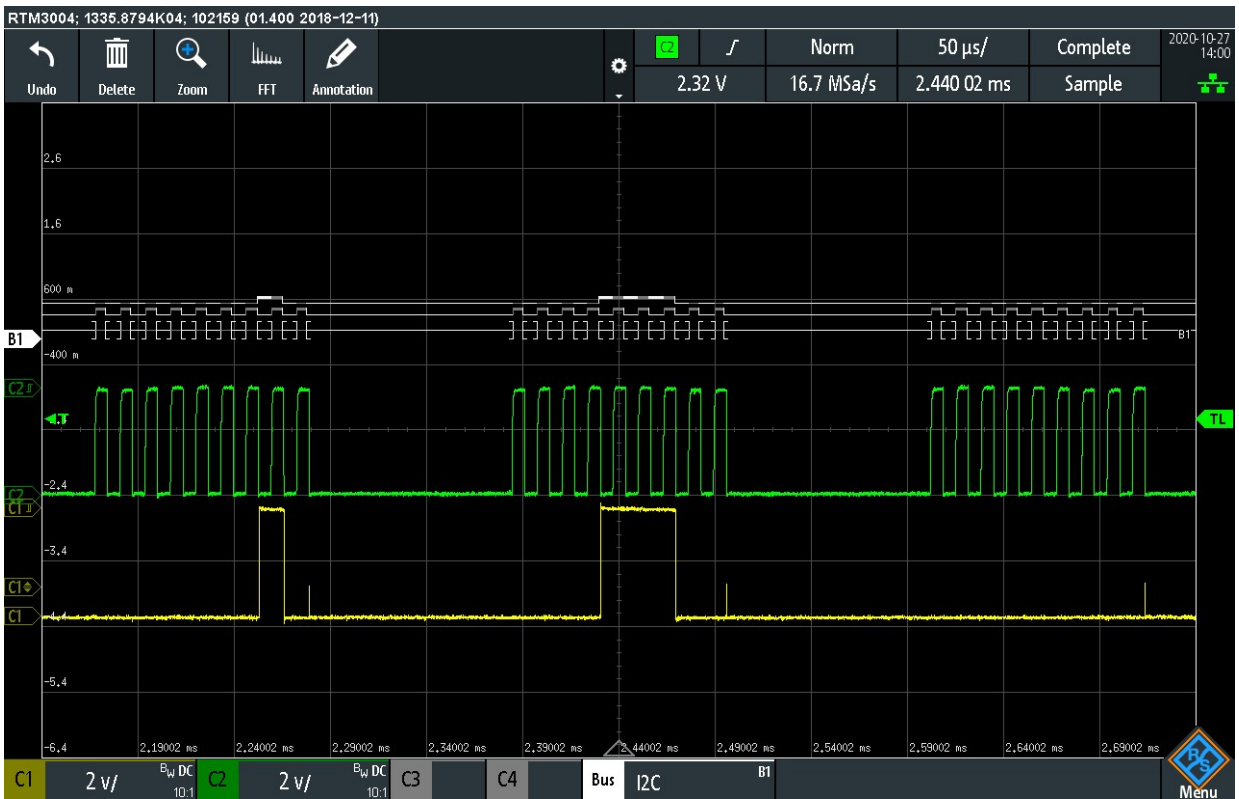
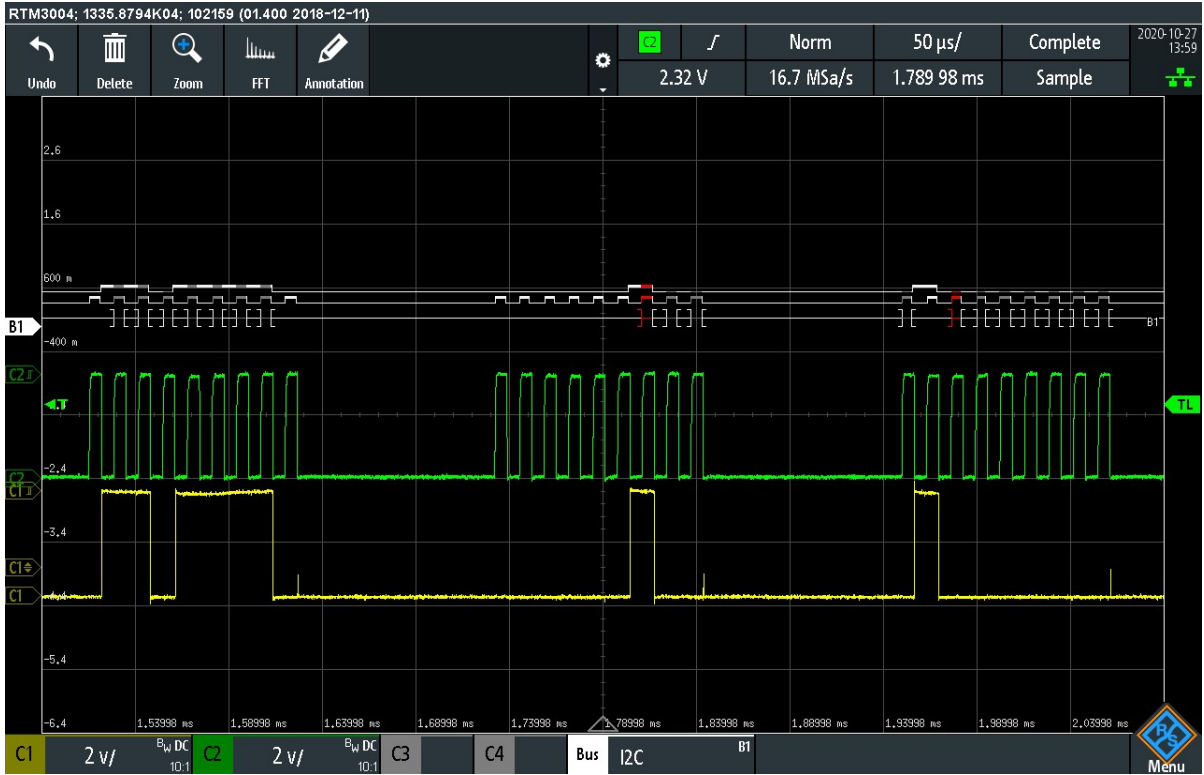


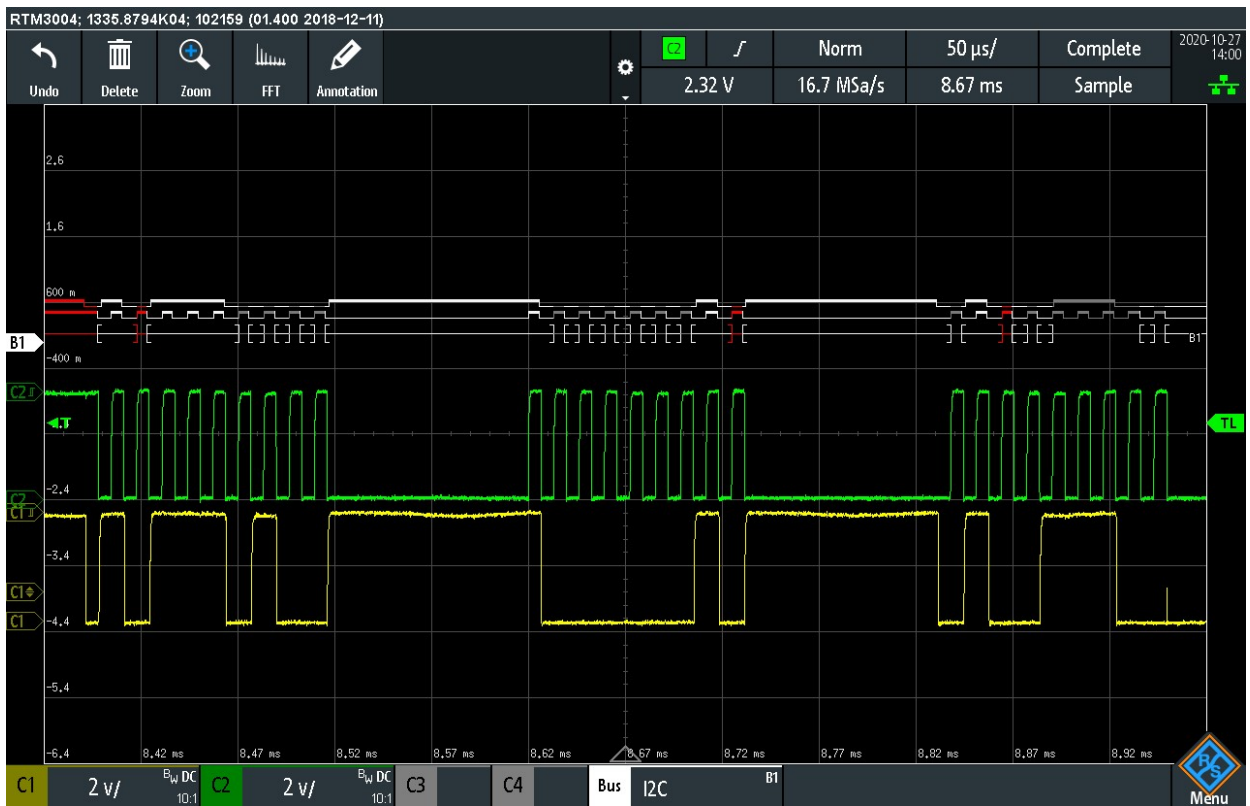
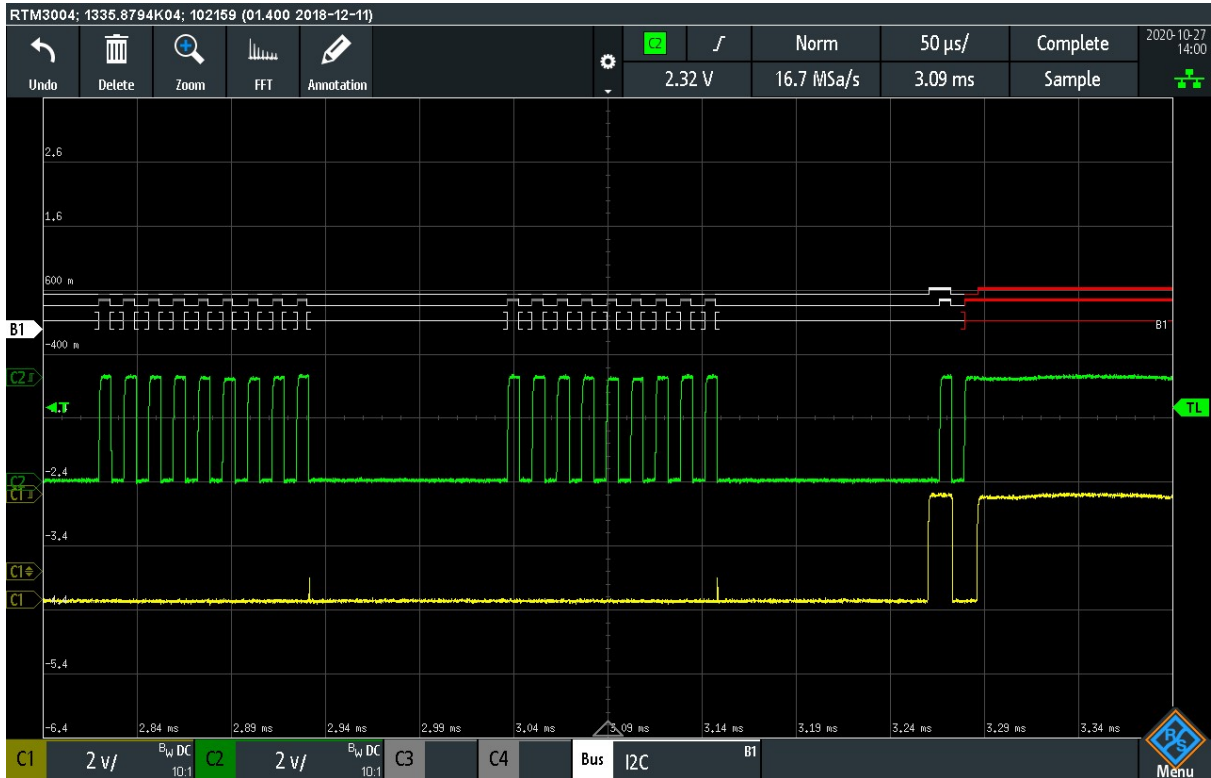
I2C upon a touch event: Timescale= 50mS

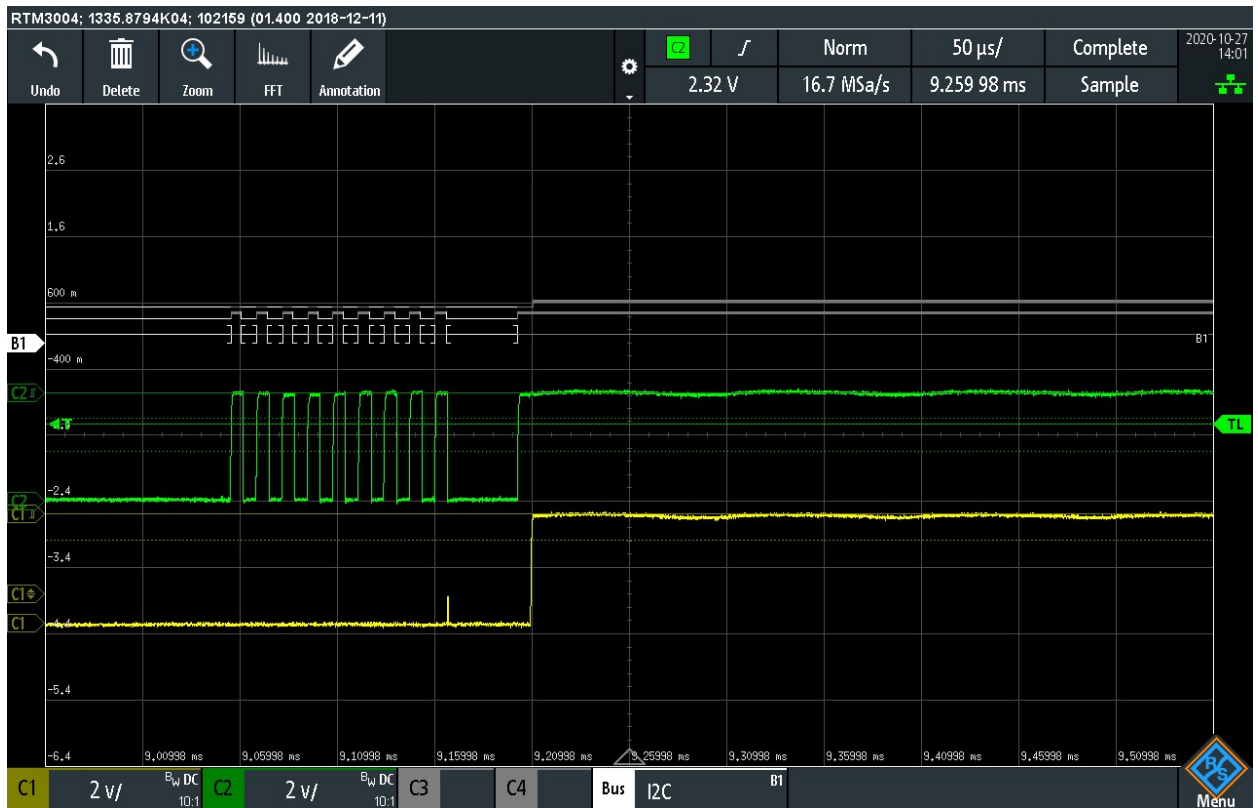


Above waveform timescale is changed to 50uS and captured in order for readability:









Observation:

1. Screen is stable, not flickering
2. Touch is not proper
3. Screen flickers when touch, else stable