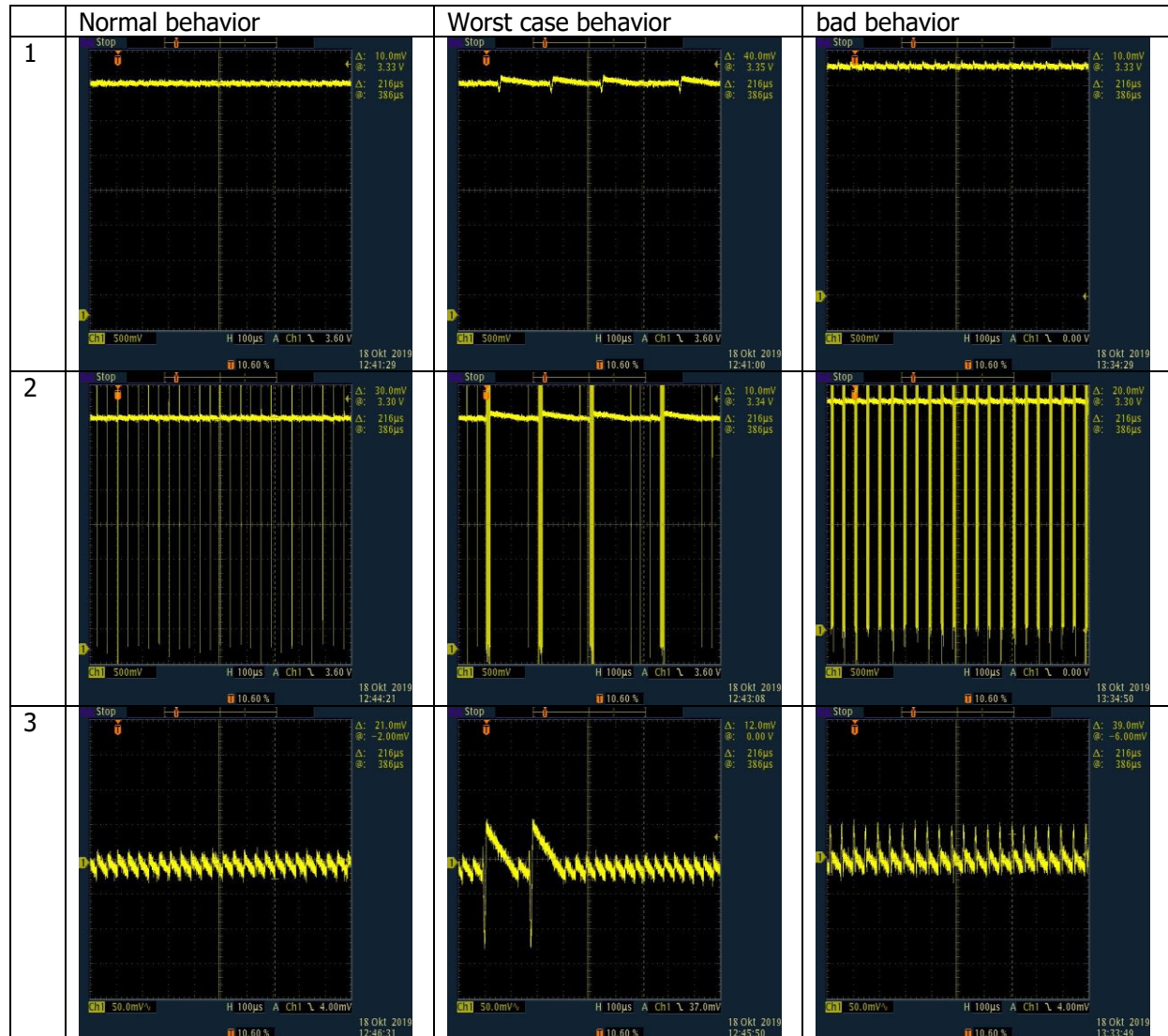


„Failure“ TI DC/DC Converter TPS62260DRV



Row 1: 3,3V output with DC coupling
 Row 2: SW output of the IC
 Row 3: 3,3V output with AC coupling

All measurements were made with Tek TDS3054. But as you can see the pictures of one row are not done at the same time. So the peaks in row 3 does not correspond with the SW impulses from row 2.

During the normal case I see a single impulse at the SW pin of the IC every 30-50µs. The DC output is clean and the AC shows a normal ripple of max. 40mV pp.
 In the worst case I do not see a single pulse. Most it comes burst on the SW pin, but not always. On the output I see a large ripple in DC and AC waveforms.