

Oscilloscope measurement

Yellow: The C++ application set this pin to high when it enters the driver function "axidma_oneway_transfer" and to low when it leaves it

Blue: The data count of the FIFO is greater than 4000 (Depth 4096)

Violet: s_axis_tlast signal of the FIFO

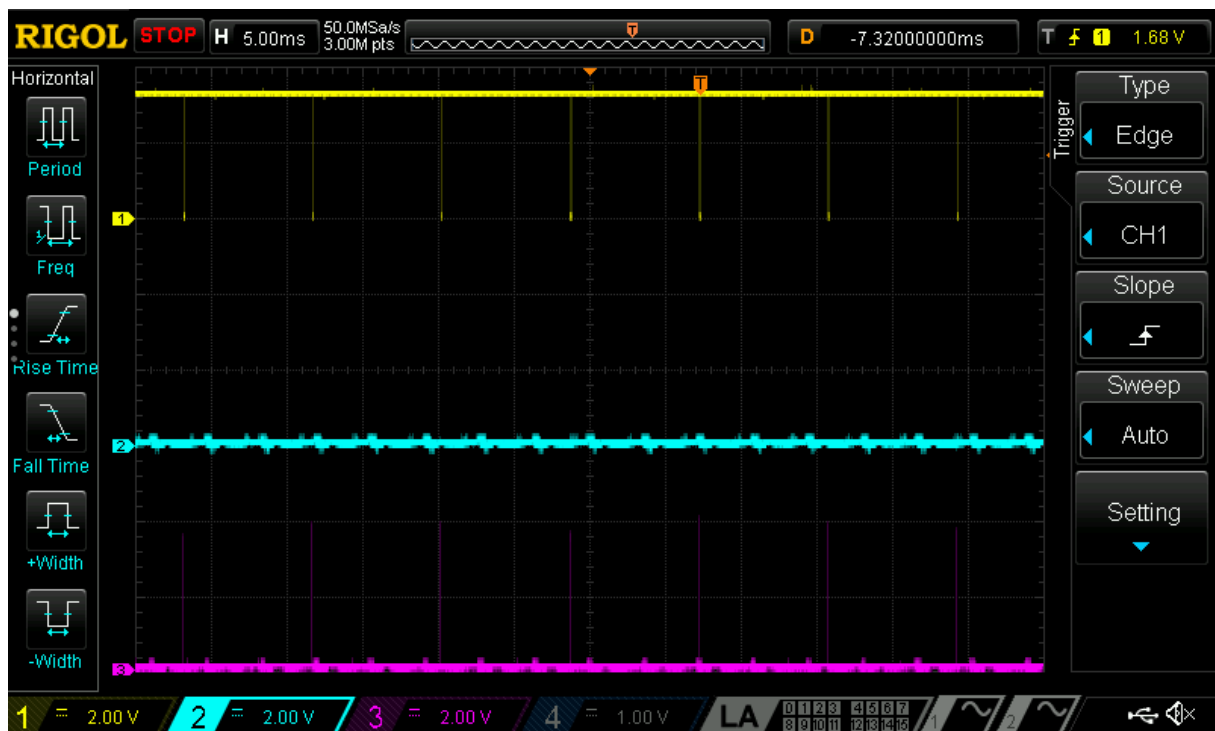


Abbildung 1: Standard – everything is fine

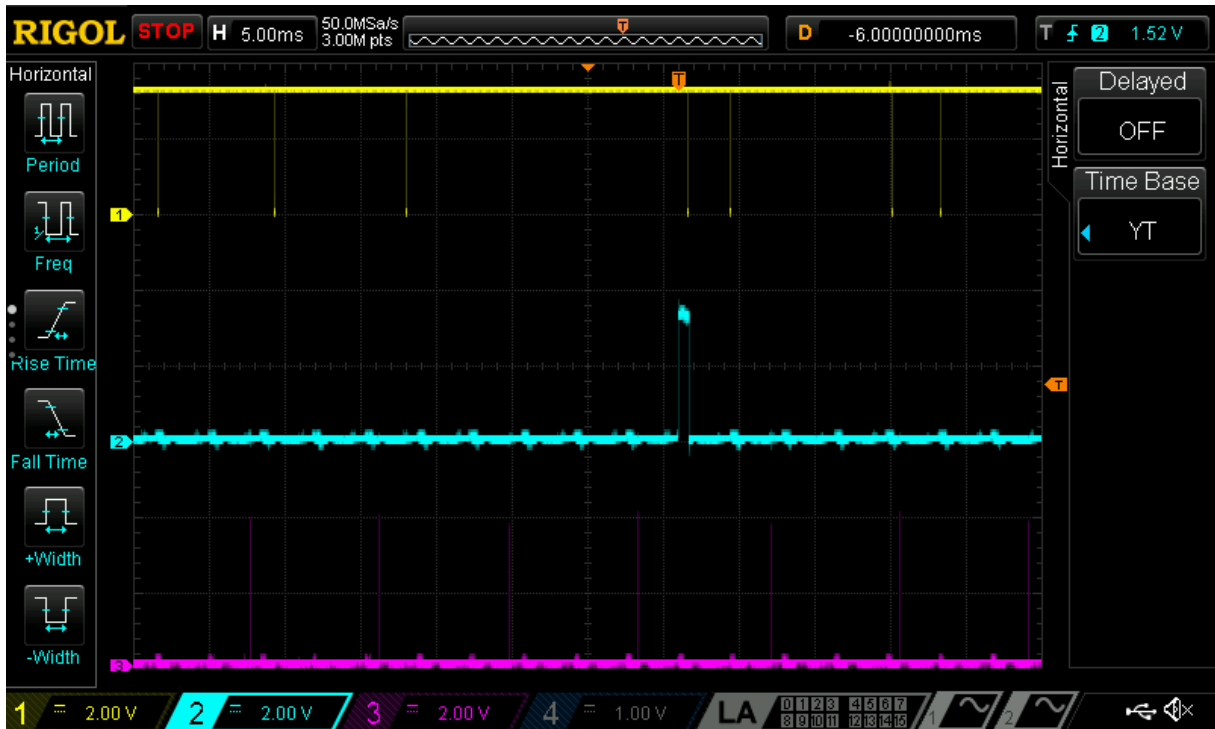


Image 2: Data loss in the FIFO because the application did not took the data in time

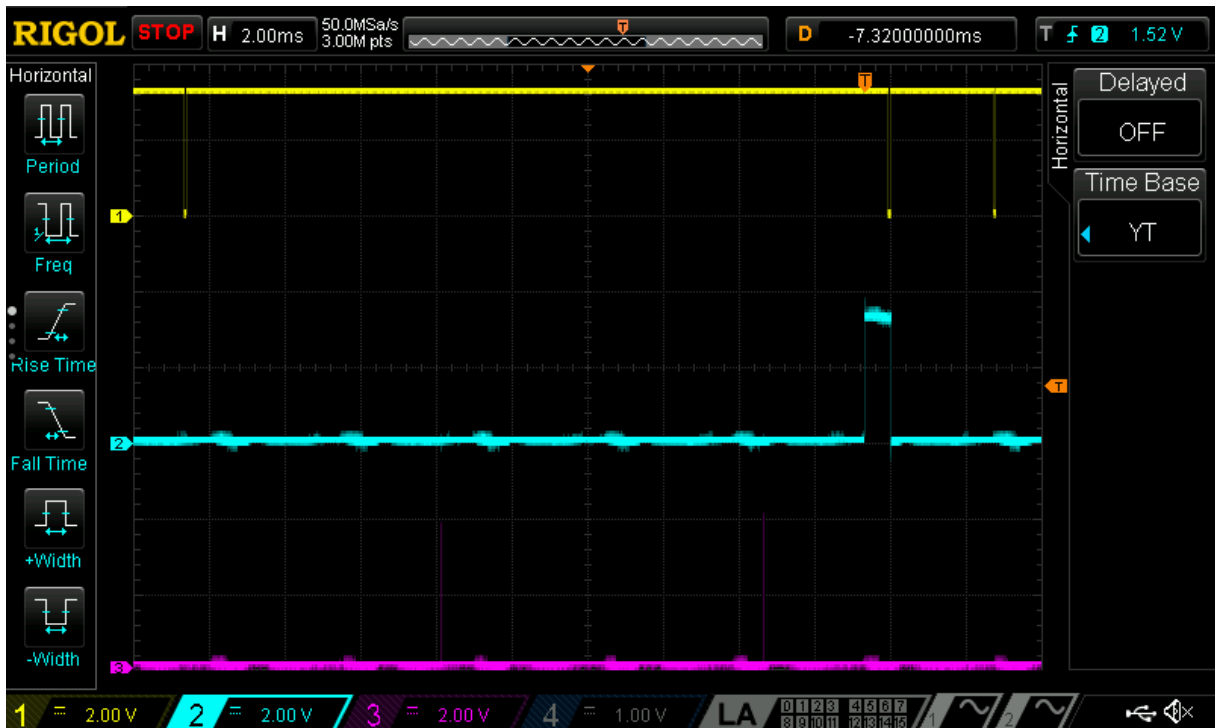


Image 3: Data loss in the FIFO because the application did not took the data in time (Zoom of Image 2)