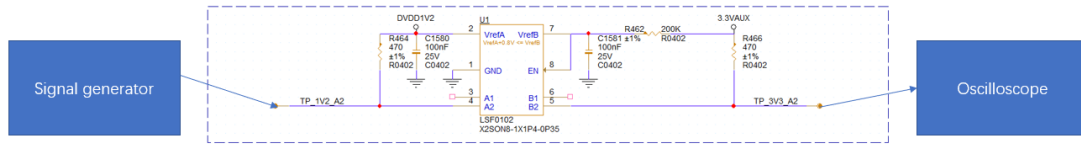
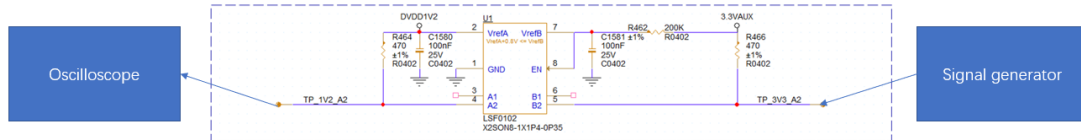


LSF0102 SIGQUAL test issue

1. Test circuit and environment:



Test1. 1V2 Vpp square wave to TP_1V2_A2, monitoring 3V3 output TP_3V3_2



Test2. 3V3 Vpp square wave to TP_3V3_A2, monitoring 1V2 output TP_1V2_A2

2. Target:

The target is 25MHz.

3. Test result:

The signal generator's output square wave signal frequency 1MHz, 2MHz, 4MHz, 8MHz.

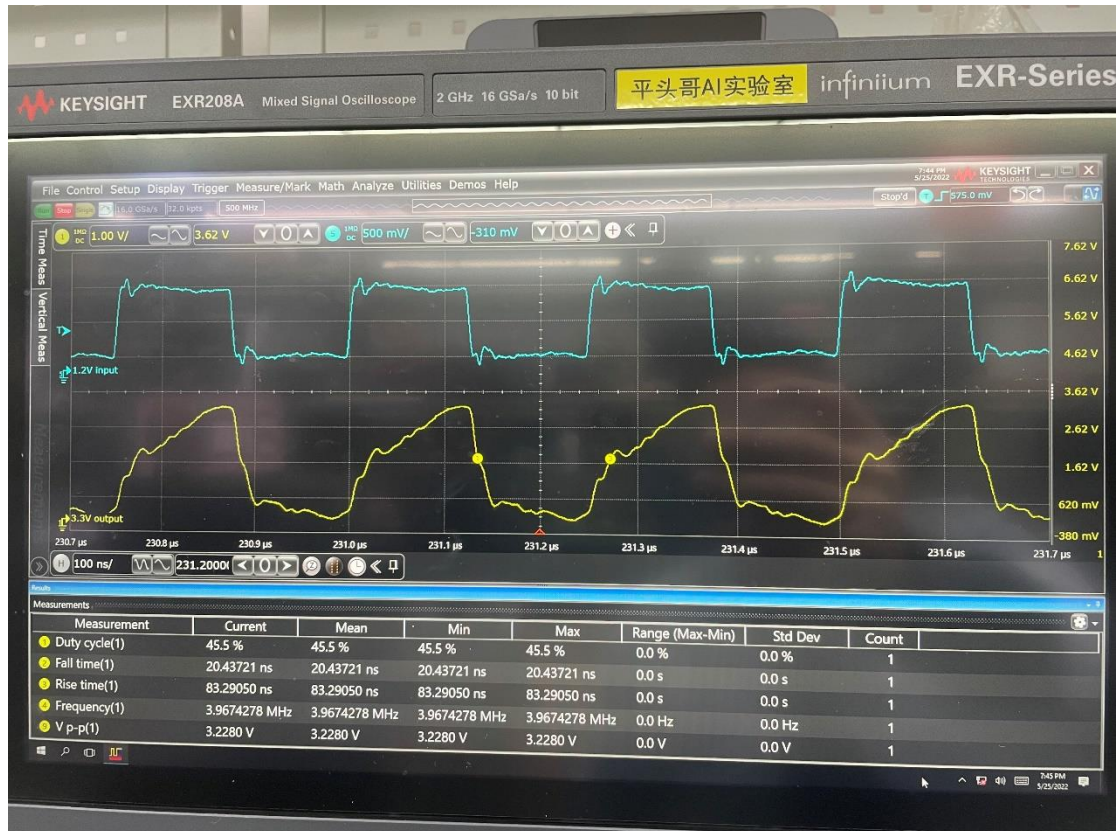
The output signal's edge worse and worse with the raising of frequency.



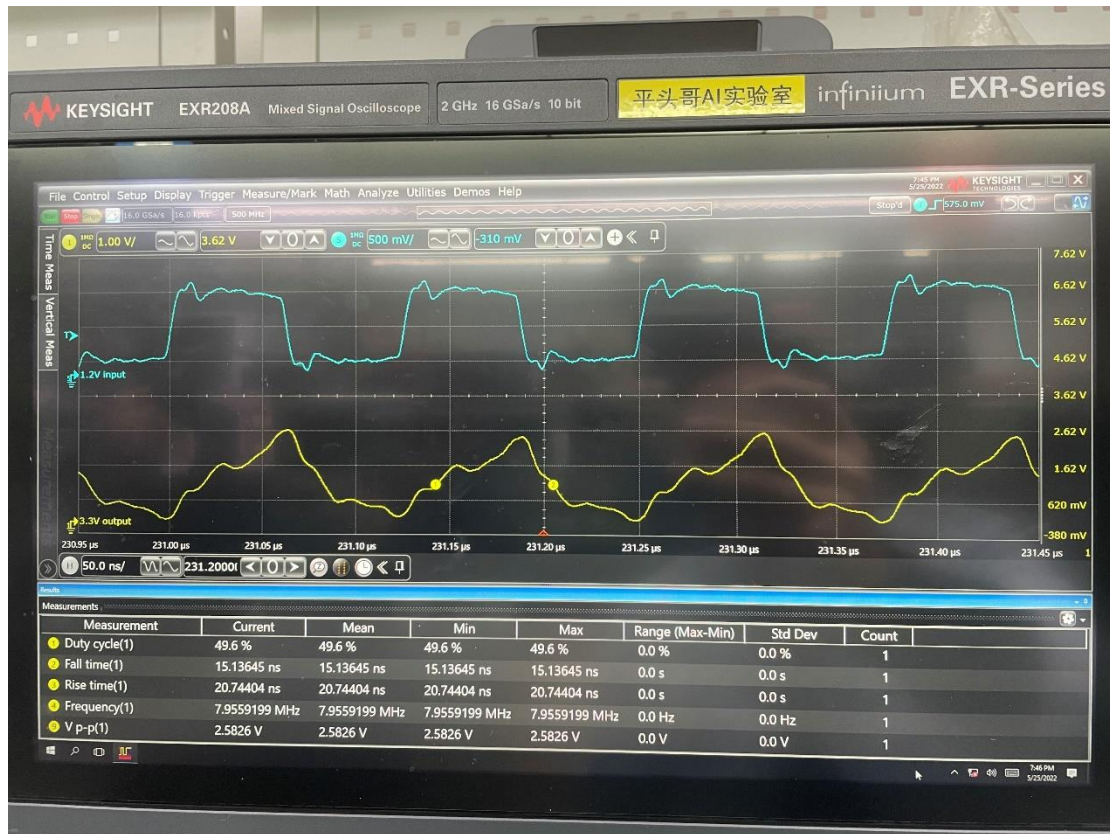
1V2_IN 3V3_OUT FREQ=1M



1V2_IN 3V3_OUT FREQ=2M



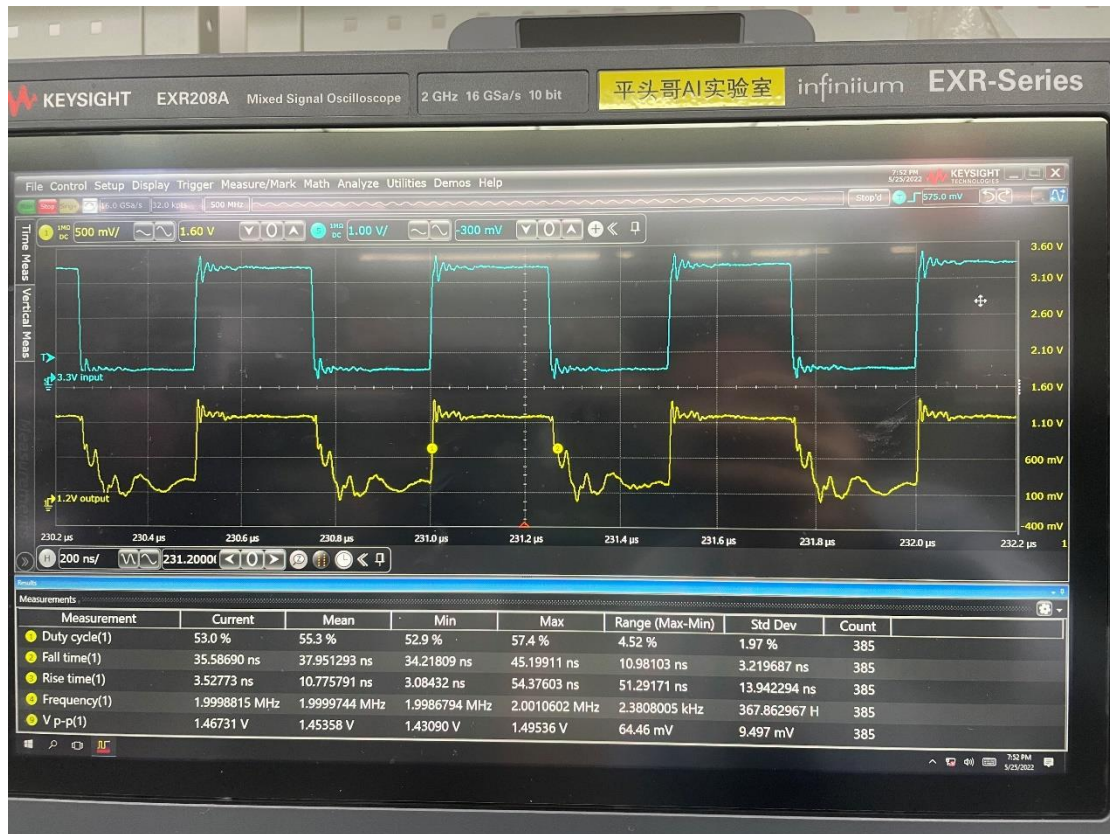
1V2_IN 3V3_OUT FREQ=4M



1V2_IN 3V3_OUT FREQ=8M



3V3_IN 1V2_OUT FREQ=1M



3V3_IN 1V2_OUT FREQ=2M



3V3_IN 1V2_OUT FREQ=4M



3V3_IN 1V2_OUT FREQ=8M