LSF010x Waveform With Different Pull Up Resistors

Ting Ye

Test Configuration

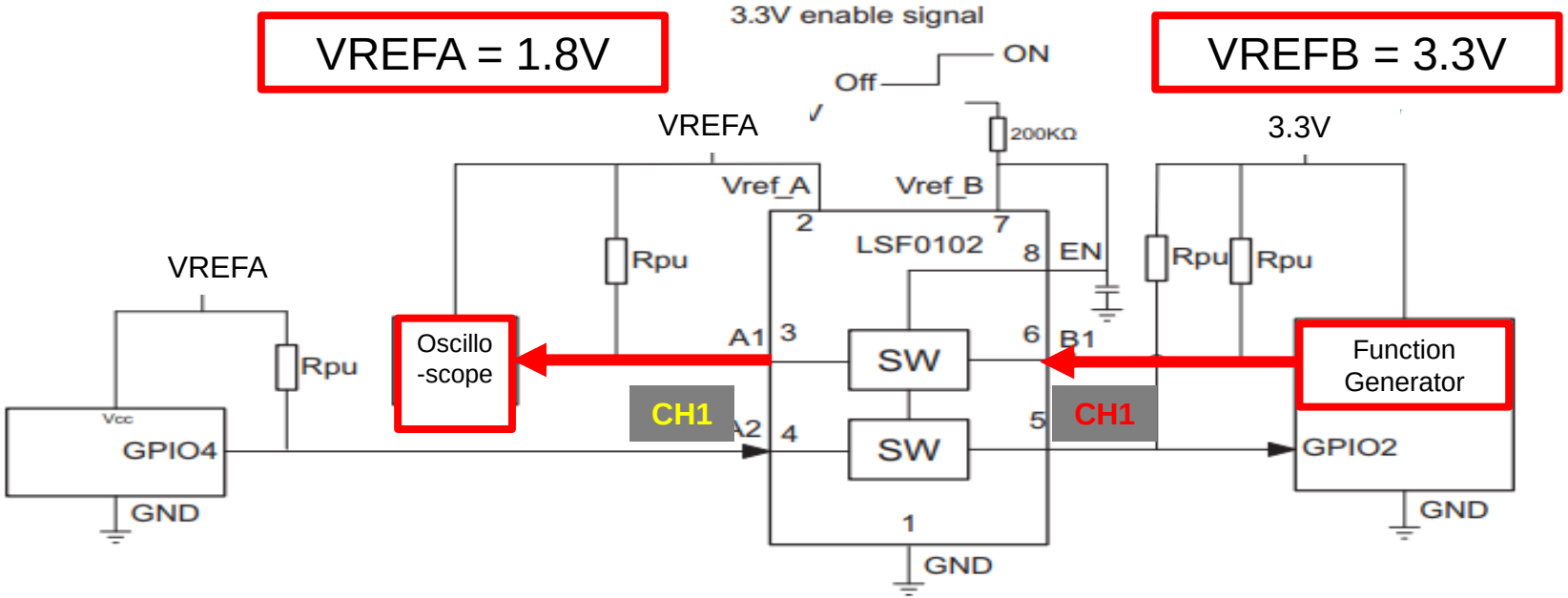
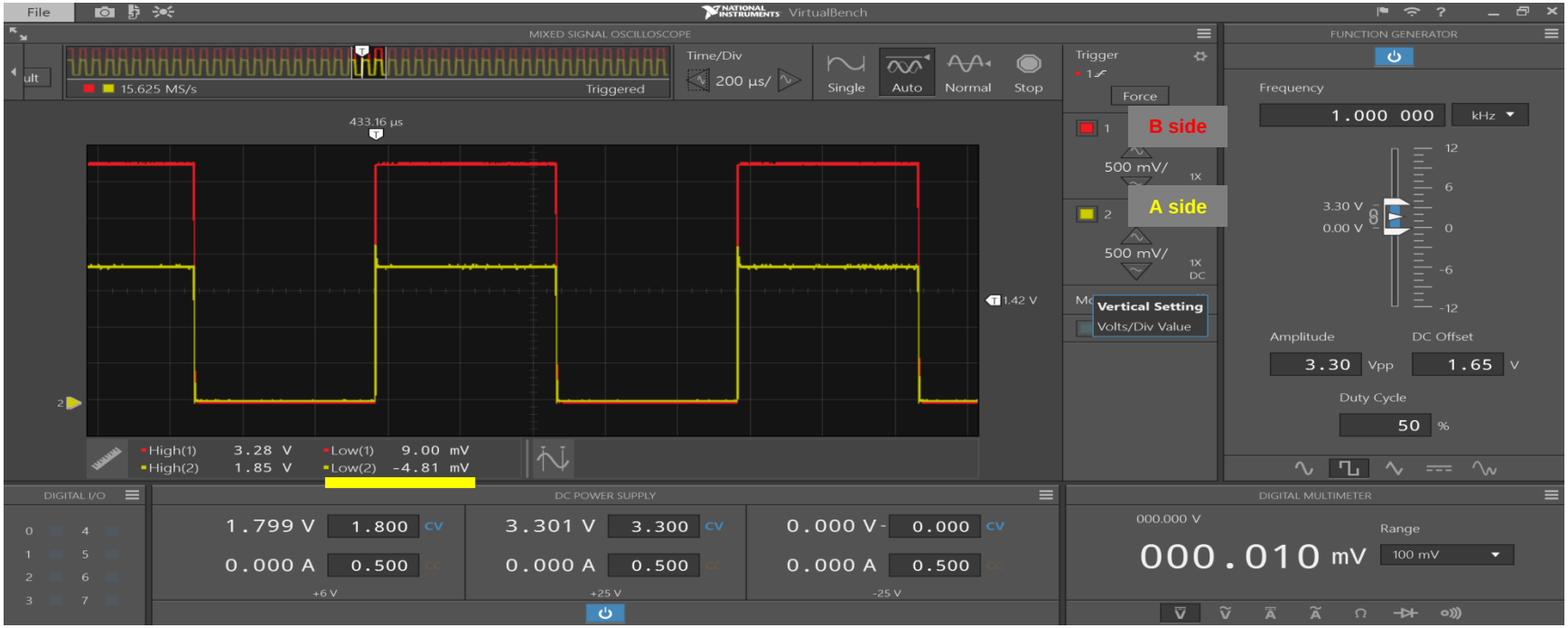
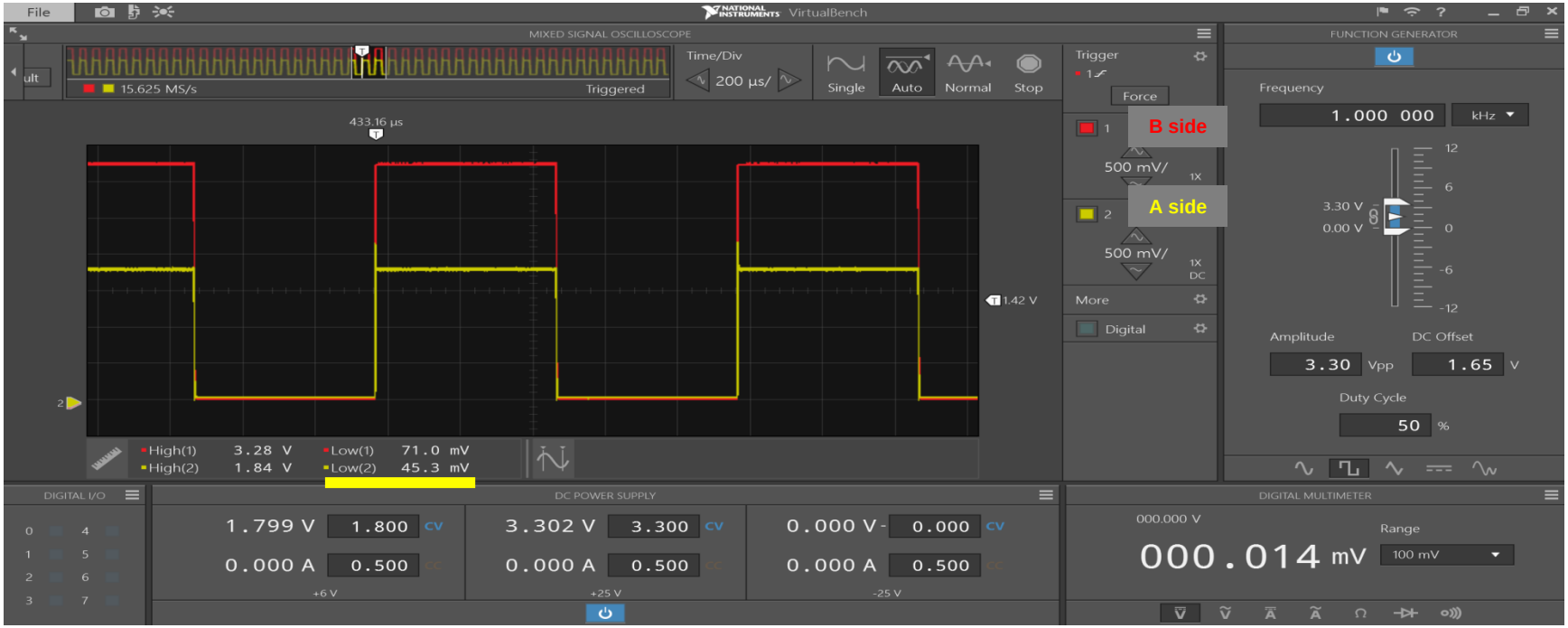


Figure 6. Bidirectional Translation to Multiple Voltage Levels

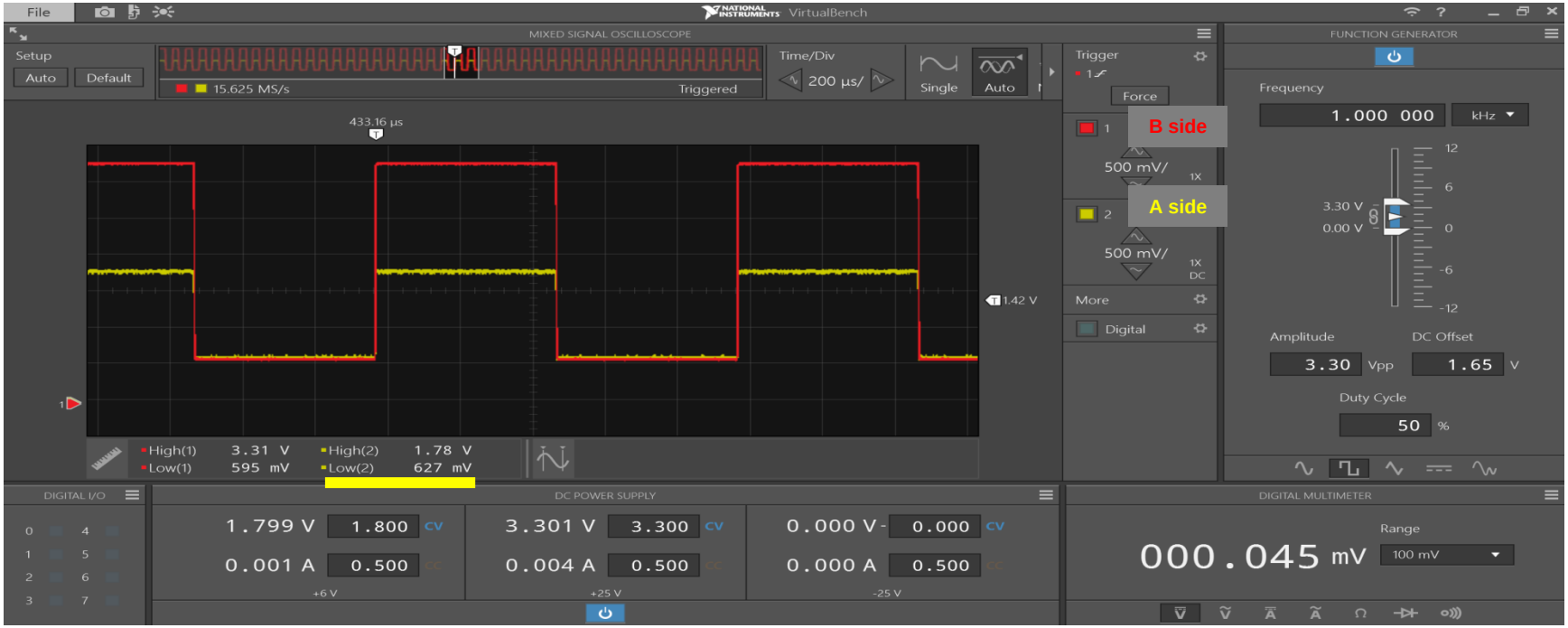
Input signal frequency = 1kHz
Rpu = 47k-ohm



Input signal frequency = 1kHz
Rpu = 4.7k-ohm

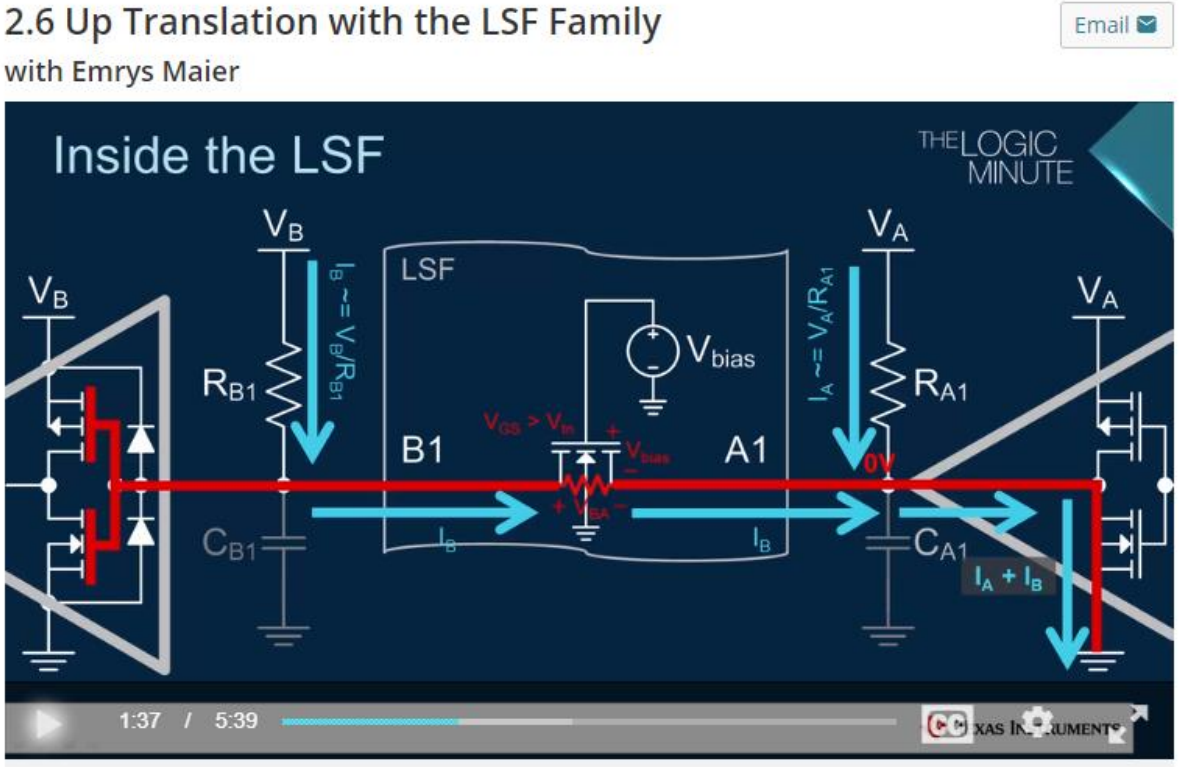


Input signal frequency = 1kHz
Rpu = 0.3k-ohm



LSF Family Training Video

https://training.ti.com/tlm-lsf-up



Application Note to Explain Receiver I_{SINK} and Level Shifter V_{OL}

- Effects of External Pullup and Pulldown Resistors on TXS and TXB Devices

http://www.ti.com/lit/an/scea054/scea054.pdf

- Factors Affecting VOL for TXS and LSF Auto-bidirectional Translation Devices

http://www.ti.com/lit/an/scea056/scea056.pdf