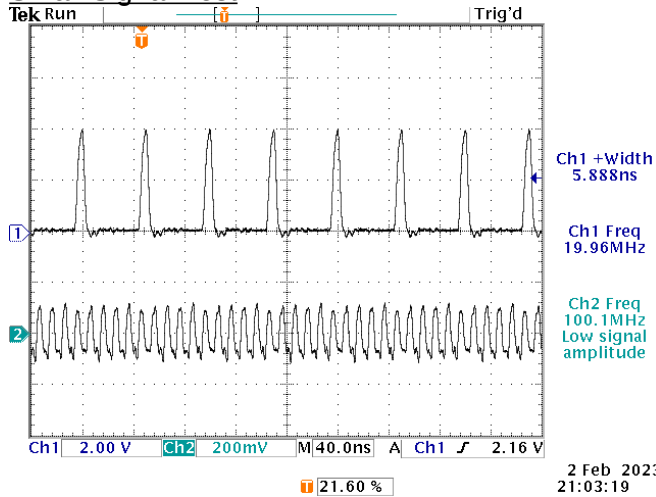




PERFORMANCE CHECKSHEET

Model: AVX-FD2-PS-CC1-IP-XN-EP-AC00-ATA3
 Type: Frequency Divider
 S.N.: 14316
 Date: February 6, 2023

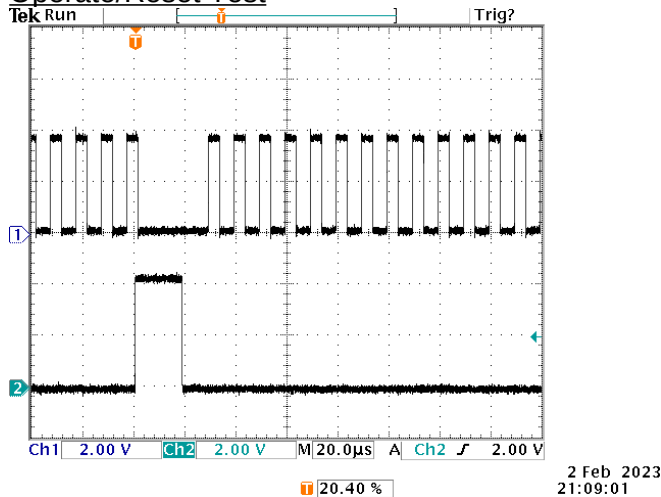
Small Signal Test



- a) Output Signal Amplitude: TTL, $R_L \geq 50\Omega$
- b) Pulse Width: $< 6.5 \text{ ns} - 5 \text{ us}$
- c) Division Factor: 0 to 65535
- d) Maximum PRF: 250 MHz in, 50 MHz out
- e) Jitter, Stability: OK
- f) Prime Power: 100-240V AC, 50-60 Hz.

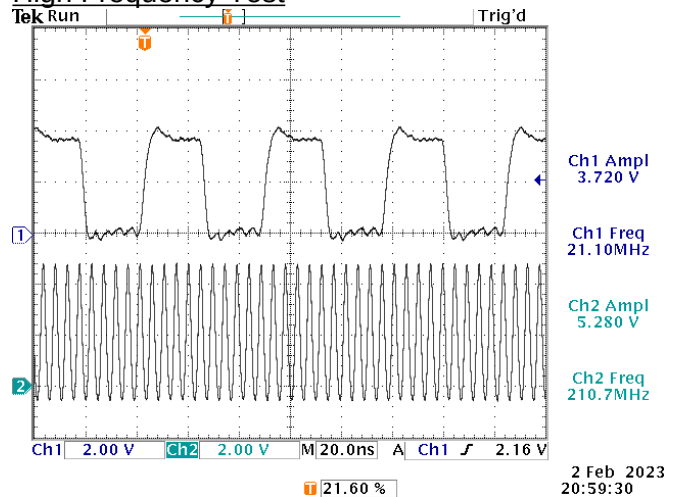
Top: OUT, $\div 5$, 50 Ω load. 2 V/div.
 Bottom: 100 MHz sine wave in. 200 mV/div.
 Both: IP 50 Ω mode, 40 ns/div.

Operate/Reset Test



Top: OUT, $\div 1000$, $f_{IN} = 100 \text{ MHz}$.
 Bottom: RESET input.
 Both: TTL 50 Ω mode, 2V/div, 20 us/div.

High Frequency Test



Top: NOT-OUT, $\div 10$, 50 Ω load.
 Bottom: $> 200 \text{ MHz}$ TTL in.
 Both: TTL 50 Ω mode, 2 V/div, 20 ns/div.