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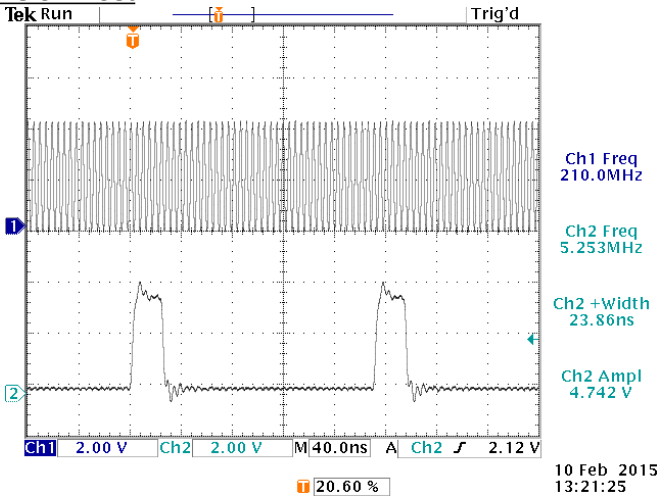
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVX-FD1-PS-XN  
Type: Frequency Divider  
S.N.: 13259  
Date: February 10, 2015

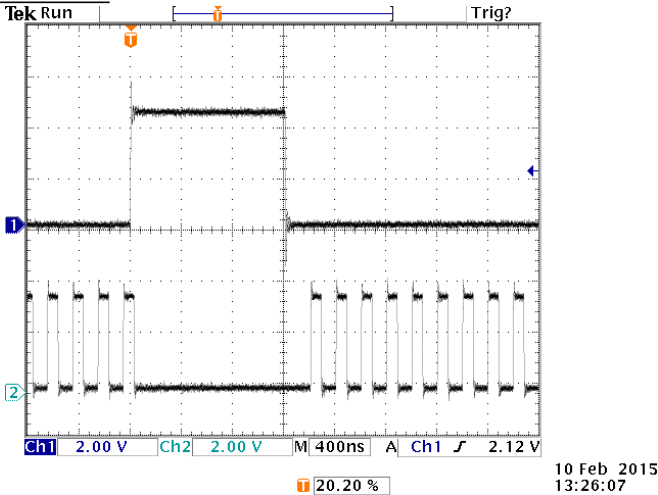
Division Test



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

Top: TTL input, 210 MHz,  $50\Omega R_{IN}$ .  
Bottom: TTL output,  $\pm 40$ ,  $< 50$  ns pulse width,  $50\Omega$  load. Both: 2V/div, 40 ns/div.

Reset Test



Top: RESET input.  
Bottom: TTL output,  $\pm 5$ ,  $f_{IN}=25$  MHz.  
Both: 2V/div, 400 ns/div.