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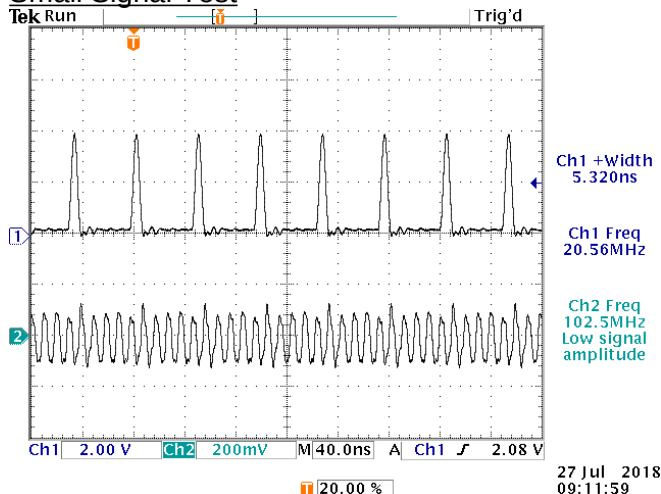
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H5

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AVX-FD2-PS-EP-IP-XN  
Type: Frequency Divider  
S.N.: 13767  
Date: July 27, 2018

Small Signal Test



a) Output Signal Amplitude: TTL,  $R_L \geq 50\Omega$

b) Pulse Width: < 6.5 ns - 5 us

c) Division Factor: 0 to 65535

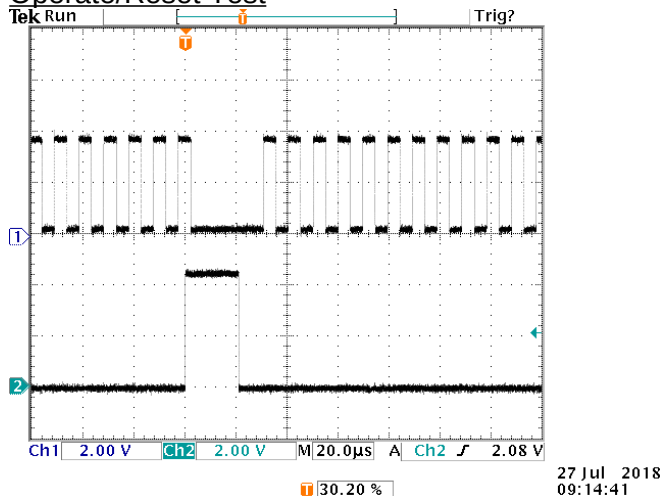
d) Maximum PRF: 250 MHz in, 50 MHz out

e) Jitter, Stability: OK

f) Prime Power: 100-240V AC, 50-60 Hz.

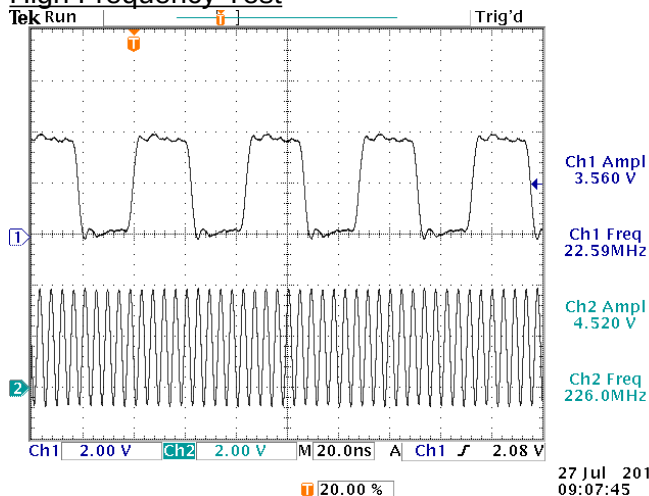
Top: OUT,  $\div 5$ ,  $50\Omega$  load. 2 V/div.  
Bottom: 100 MHz sine wave in. 200 mV/div.  
Both: IP  $50\Omega$  mode, 40 ns/div.

Operate/Reset Test



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

High Frequency Test



Top: NOT-OUT,  $\div 10$ ,  $50\Omega$  load.  
Bottom: 226 MHz TTL in.  
Both: TTL  $50\Omega$  mode, 2 V/div, 20 ns/div.