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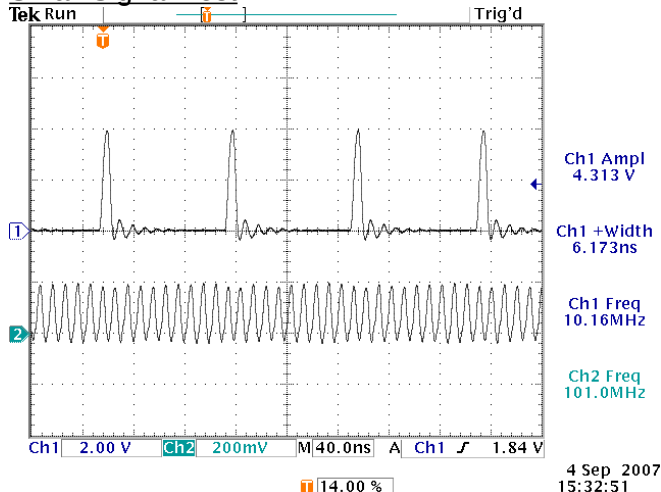
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVX-FD2-PS-EP-IP-XN  
Type: Frequency Divider  
S.N.: 11703 (upgraded to add -EP-IP-XN)  
Date: September 4, 2007

Small Signal Test



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

b) Pulse Width: 5 ns - 5 us

c) Division Factor: 0 to 65535

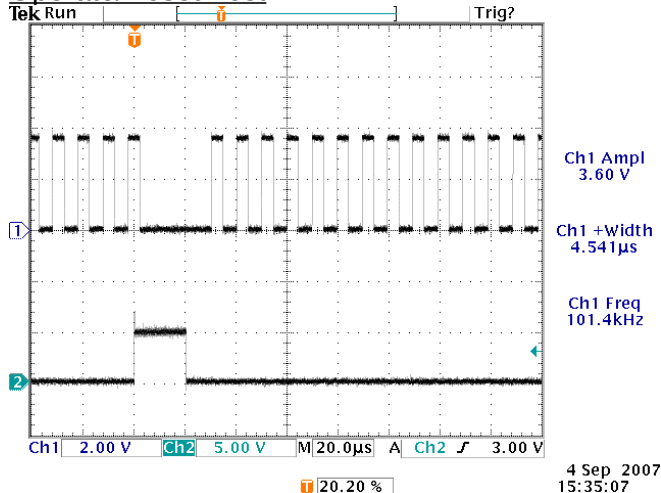
d) PRF: 0 - 100 MHz

e) Jitter, Stability: OK

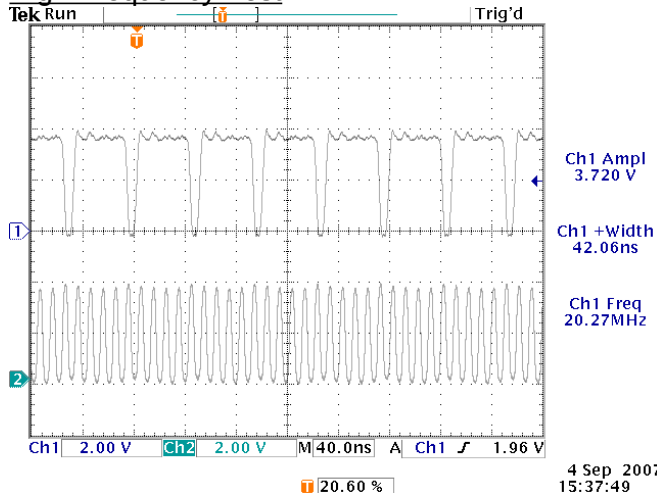
f) Prime Power: 100-240V AC, 50-60 Hz.

Top: OUT,  $\div 10$ ,  $50\Omega$  load. 2 V/div.  
Bottom: 100 MHz sine wave in. 200 mV/div.  
Both: IP  $50\Omega$  mode, 40 ns/div.

Operate/Reset Test



High Frequency Test



Top: OUT,  $\div 1000$ ,  $f_{IN} = 100$  MHz, 2 V/div.  
Bottom: RESET input. 5V/div.  
Both: TTL  $50\Omega$  mode, 20 us/div.

Top: NOT-OUT,  $\div 5$ ,  $50\Omega$  load. 2 V/div  
Bottom: 100 MHz TTL in. 2 V/div.  
Both: TTL  $50\Omega$  mode, 40 ns/div.