



P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-226-5772 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-226-2802 (Intl)

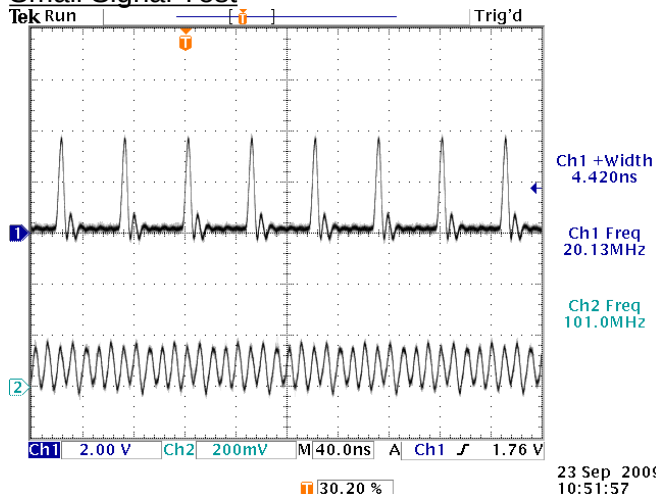
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVX-FD2-PS-EP-IP-XN
Type: Frequency Divider
S.N.: 12314
Date: September 23, 2009

Small Signal Test



23 Sep 2009
10:51:57

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

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

b) Pulse Width: 5 ns - 5 us

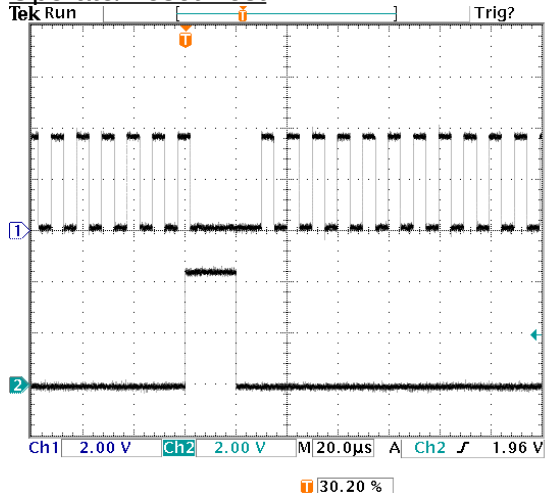
c) Division Factor: 0 to 65535

d) PRF: 0 - 100 MHz

e) Jitter, Stability: OK

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

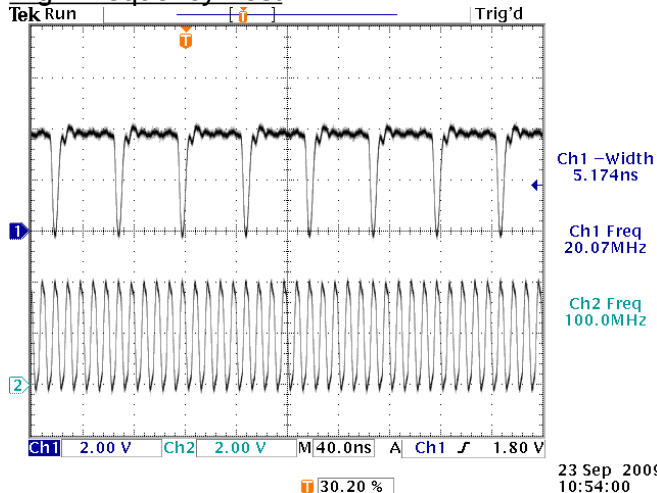
Operate/Reset Test



23 Sep 2009
10:42:22

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

High Frequency Test



23 Sep 2009
10:54:00

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