

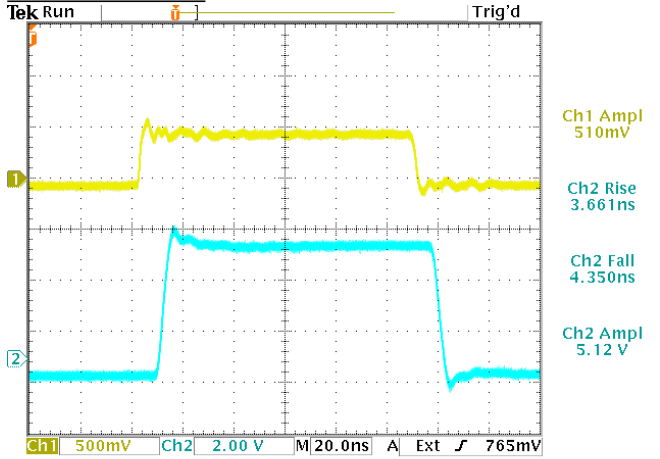
PULSE GENERATOR  
PERFORMANCE CHECK

Model: AV-141F-145C2-PS-PNLA

S.N.: 10189

Date: April 29, 2002

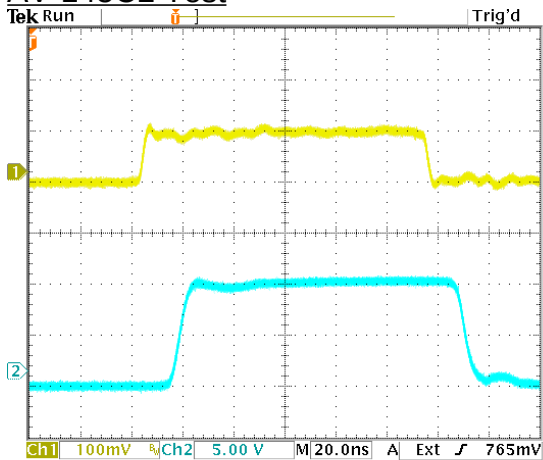
AV-141F Test



29 Apr 2002  
15:16:25

Top: IN, +0.5V pulse, 0.5V / div, 20 ns / div  
Bottom: OUT, +5V pulse into 50Ω, 2V / div

AV-145C2 Test



29 Apr 2002  
15:19:42

Top: IN, +0.1V pulse, 0.1V / div, 20 ns / div  
Bottom: OUT, +10V pulse into 50Ω, 5V / div

a) Output Signal Amplitude:

141F: 0 to ±5V

145C2: 0 to ±10V

b) Gain:

141F: 20 dB, fixed

145C2: 0 to ±40 dB, variable

c) Rise Time:

141F: 4 ns

145C2: 5 ns

d) Fall Time:

141F: 4 ns

145C2: 5 ns

e) Bandwidth:

141F: 75 MHz

145C2: 35 MHz

f) Jitter, Stability: OK

g) Prime Power: 120/240V, 50-60 Hz