PERFORMANCE CHECKSHEET

Model: AVPP-1-C-P-AC02-AK1
Type: Ultra-High-Speed Pulse Generator
S.N.: 13764
Date: August 21, 2018

Basic specifications:

Output Amplitude: up to +10V, to 50Ω
Pulse Width (FWHM): 0.2 to 100 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 120 or 420 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Test Waveforms

Full pulse at 100 kHz, > 100 ns, > +10V, 20 ns/div. 5 V/div (50 mV/div × 40 dB):

Leading edge at 100 kHz, 100 ns, > +10V, 1 ns/div. 5 V/div (50 mV/div × 40 dB):

/fileserver2/production/check-sheets/sn13764,AVPP-1-C-P-AC02-AK1.odt
Full pulse at 100 kHz, < 200 ps, +10V,
500 ps/div. 5 V/div (50 mV/div × 40 dB):

Full pulse at 1 MHz, 4 ns, > +10V,
1 ns/div. 5 V/div (50 mV/div × 40 dB):
Full pulse at 100 kHz, 12 ns, +10V,

2 ns/div. 5 V/div (50 mV/div × 40 dB):