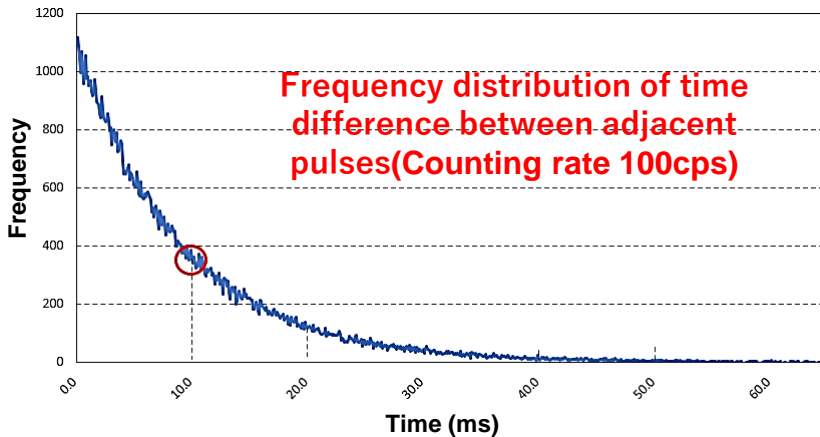


Overview

The NIM2 width sized random pulse generator APN6001 uses digital signal processing to generate Decay pulses specific to radiation measurements. A liquid crystal display is provided on the front panel, and any peak value, Risetime, Decay, and period can be set from the front panel.

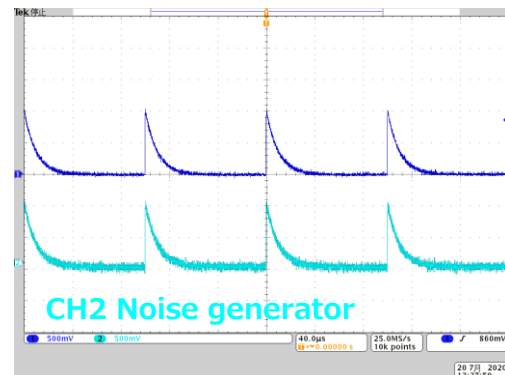
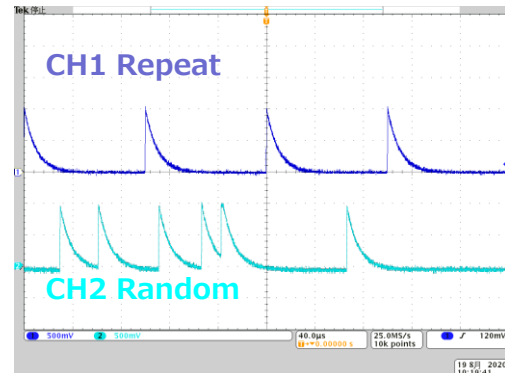
Features

- * Reproduce the stochastic event of Poisson distribution by the exponential random number generation algorithm by the digital method.
- * Digital white noise generation algorithm.



Specifications

Output	2 channel
Output Impedance	50 Ω
Count Rate	1CPS - 1MCPS (1Hz - 1MHz)
Mode	Random or Repeat
Random distribution	Poisson distribution
Pulse shape	Tail pulse with adjustable rise and fall time
Offset	±0 mV – 1000 mV
Random Noise	±0 mV – 122 mV
Delay	10 us – 650 us
Decay	100 ns – 130 us
Rise time	10 ns – 500 ns Changeable every 10 ns
Amplitude	±1 mV – 1000 mV
External trigger	10 kΩ input impedance
Trigger output	1 V pulse, rise 500 ns
Required power	+ 12 V / 2 A
Form	NIM 2 width W: 6.85 x H: 22.1 cm
Weight	1033 g



*Images is for illustration purpose.

*Please note that contents may change without prior notice.

