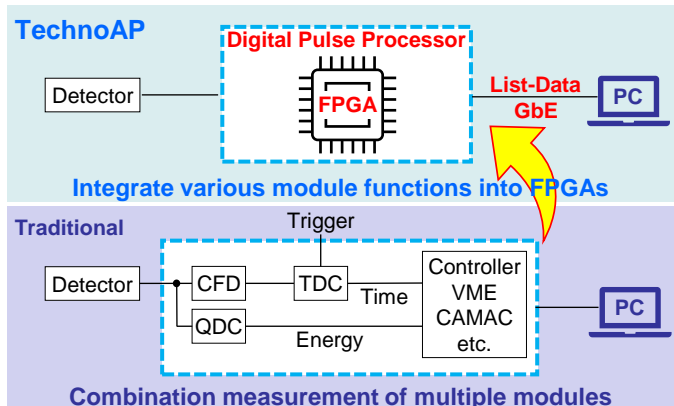


Features

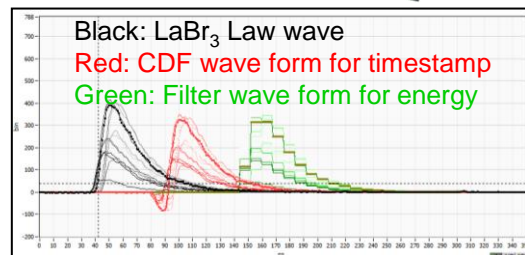
- ADC: 500 Mps, 16 channels, Resolution: 14-bit
- Time resolution: Coarse: 2 ns | Fine: 7.8 ps, LSB
- Throughput: 1Mcps and more / channel
- Analyze more: List(TDC+QDC), Wave, Histogram
- Functions: (digital)CFD, TDC, QDC, PSD, **List-Wave^{*1}**, **Coincidence^{*1}**
- Communication I/F: TCP/IP, Gigabit ethernet
- Data transfer: 10MByte (Gigabit) / second and more
- Usage example: Multi channel system using plastic scintillator
Multi channel system using scintillators and wire chamber etc.



*1 Addition of options, specification change is possible.

List data example

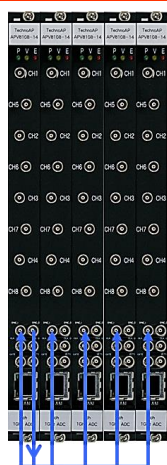
	80	15	11	0
Event#1	TDC[63..0]	CH[3..0]	QDC[11..0]	
Event#2	TDC[63..0]	CH[3..0]	QDC[11..0]	
Event#N	TDC[63..0]	CH[3..0]	QDC[11..0]	



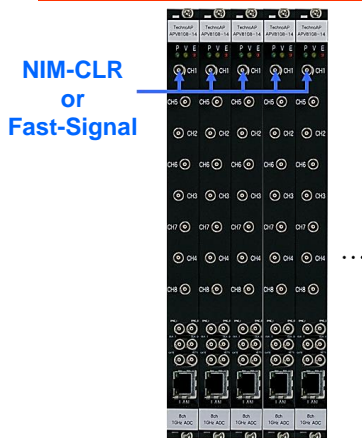
Wave mode
LaBr₃ detector used

Usage example using multi board

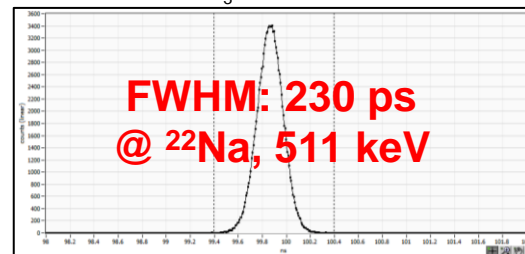
List mode measurement



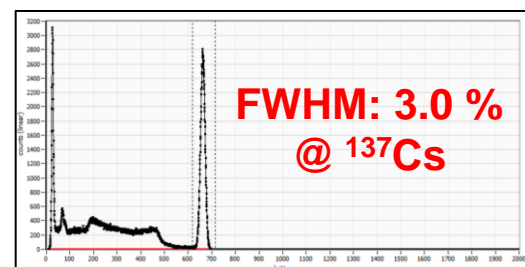
List-Com mode measurement



* Option



Time Spectrum:
LaBr₃ detector vs LaBr₃ detector



Energy Spectrum
LaBr₃ detector used

Connect Sync-CLR of board #0 to other Sync-CLR-I

Repeated CLR is entered, and when measuring the time difference spectrum from T₀, input CLR to CH 1 of each board. Use a fast rise signal such as NIM.

*Images is for illustration purpose.
*Please note that contents may change without prior notice.

