

Time Spectrometer APV85G4

5GHz 4CH 10bit ADC Digital Waveform Processing High-time resolution / High-throughput

APV85G4 is a spectrometer for time analysis that carried high-speed 5GHz ADC every CH.

APV85G4 unified the functions of several radiation measurement modules, such as Differential CFD, Delay, TAC, MCA, etc., which is necessary for time analysis.

- ADC : 4CH, Sampling 5GHz, Resolution 10bit
- Analysis Mode : Wave height, Time difference, Waveform,
(Option) Pulse Shape
- Functions : Digital CFD (WALK, THRESHOLD, LLD, ULD)
- Interface : Gigabit Ethernet (TCP/IP)



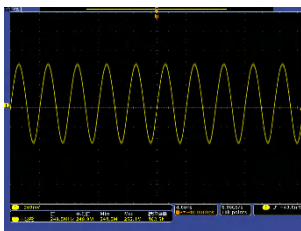
High-Speed Function Generator APV6002

2.5GS/s 2CH 16bit, High-speed DAC output, Arbitrary function generator

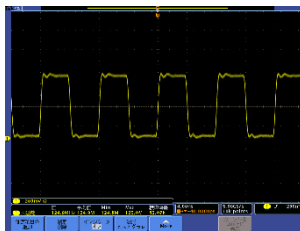
APV6002 is an arbitrary function generator with latest high-speed DAC.

- Channel : 2CH, Differential output
- Sampling : 2.5GS/s
- Resolution : 16bit
- Interface : Ethernet (TCP/IP)
- Output waveform : Math function, such as Sine wave, Rectangle wave, and arbitrary waveform*

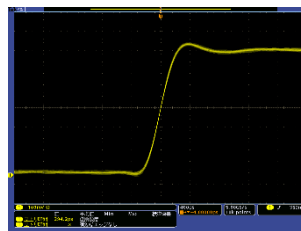
*Setting of waveform pattern by PC in advance.



Sine, 250MHz



Square, 125MHz



Risetime, 395ps



※ Please note that contents may change without prior notice.

Techno AP

Design and fabrication of electronic circuit associated with measurement control and radiation measurement

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