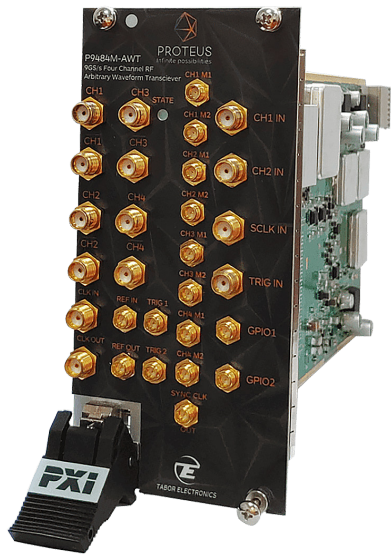


# Tabor Proteus AWT – Advanced Scalable Instrumentation Architecture

Modular Advanced Direct to RF/uW, Programmable Real-Time Measurement Processing System

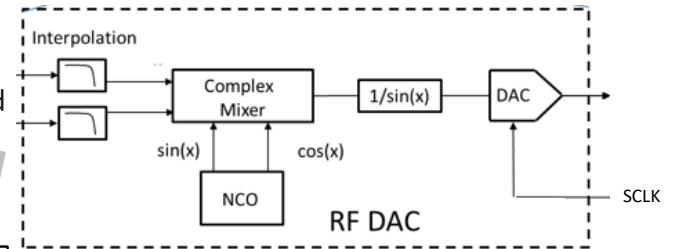
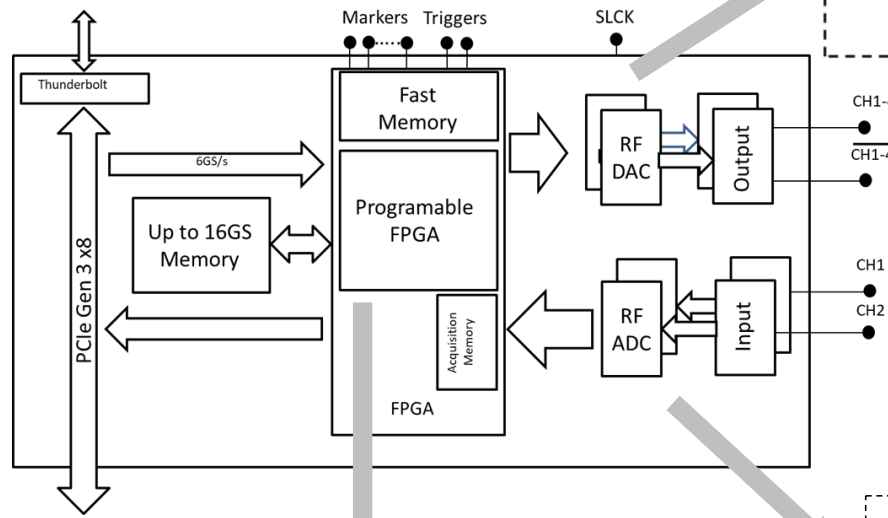


### Data Transfer

High Speed PCIe  
Gen-3 x8 Data Transfer  
Back Plane

### Closed Loop System

Closed Loop Real-time  
Measurement Analysis and  
Signal Generation System

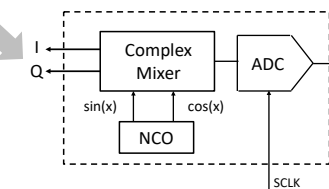


### RF DAC Subsystem

IQ Modulator and NCO.  
9GS/s, Multiple Nyquist Zone signal  
generation capability up to 10GHz

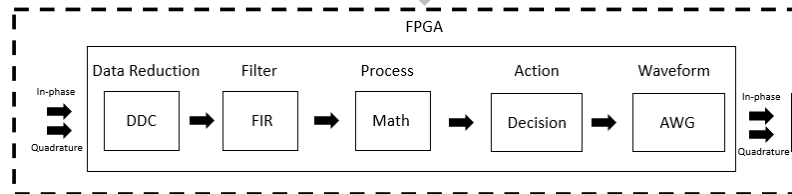
### RF ADC Subsystem

IQ Demodulator and NCO.  
Real and Quadrature Modes, 5.4GS/s,  
Multiple Nyquist Zone  
signal acquisition  
capability up  
to 10 GHz



### Signal Processing Subsystem

User Programmable  
Real-Time FPGA based signal  
processing and control block



For more information or to schedule a demo call today or visit our website [www.taborelec.com](http://www.taborelec.com)



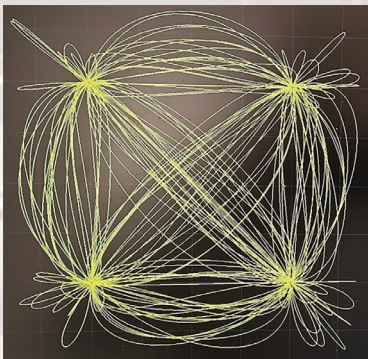
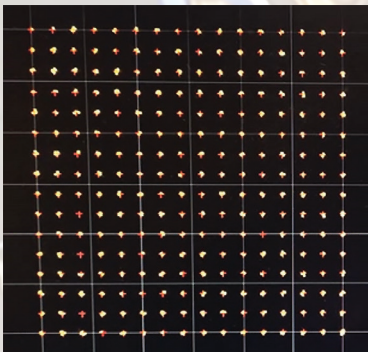
## Tabor Proteus Arbitrary Waveform Transceiver

Redefining the way you do measurements

Scalable Modular Advanced Direct to RF/uW,  
 Programmable Real-Time Measurement Processing System  
 Wide Bandwidth Signal Generation and Analysis

### Semiconductor Test

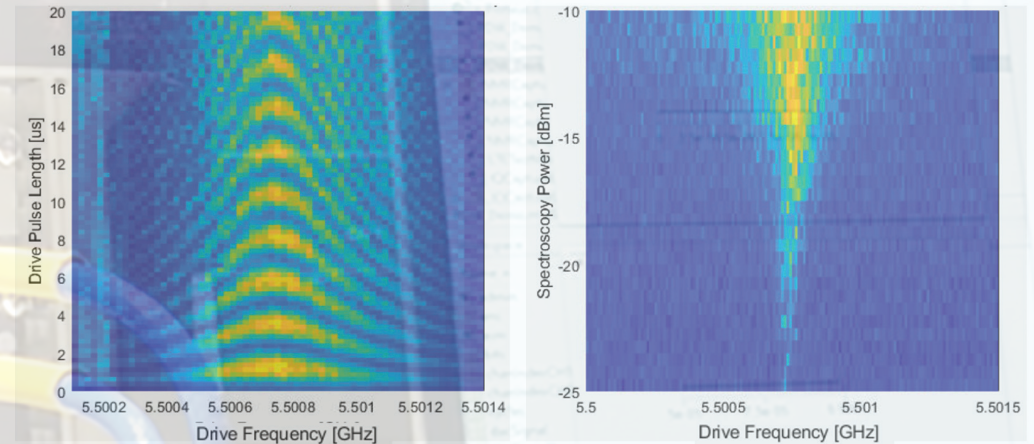
256QAM, 60MBaud, utilizing DUC and DDC @ 1 GHz



**PROTEUS**  
 Infinite possibilities

### Quantum Physics

Qubit Spectroscopy 5.5GHz



### Radar and Electronic Warfare

2GHz Bandwidth Signal Generation and Acquisition

