

Status of Control system

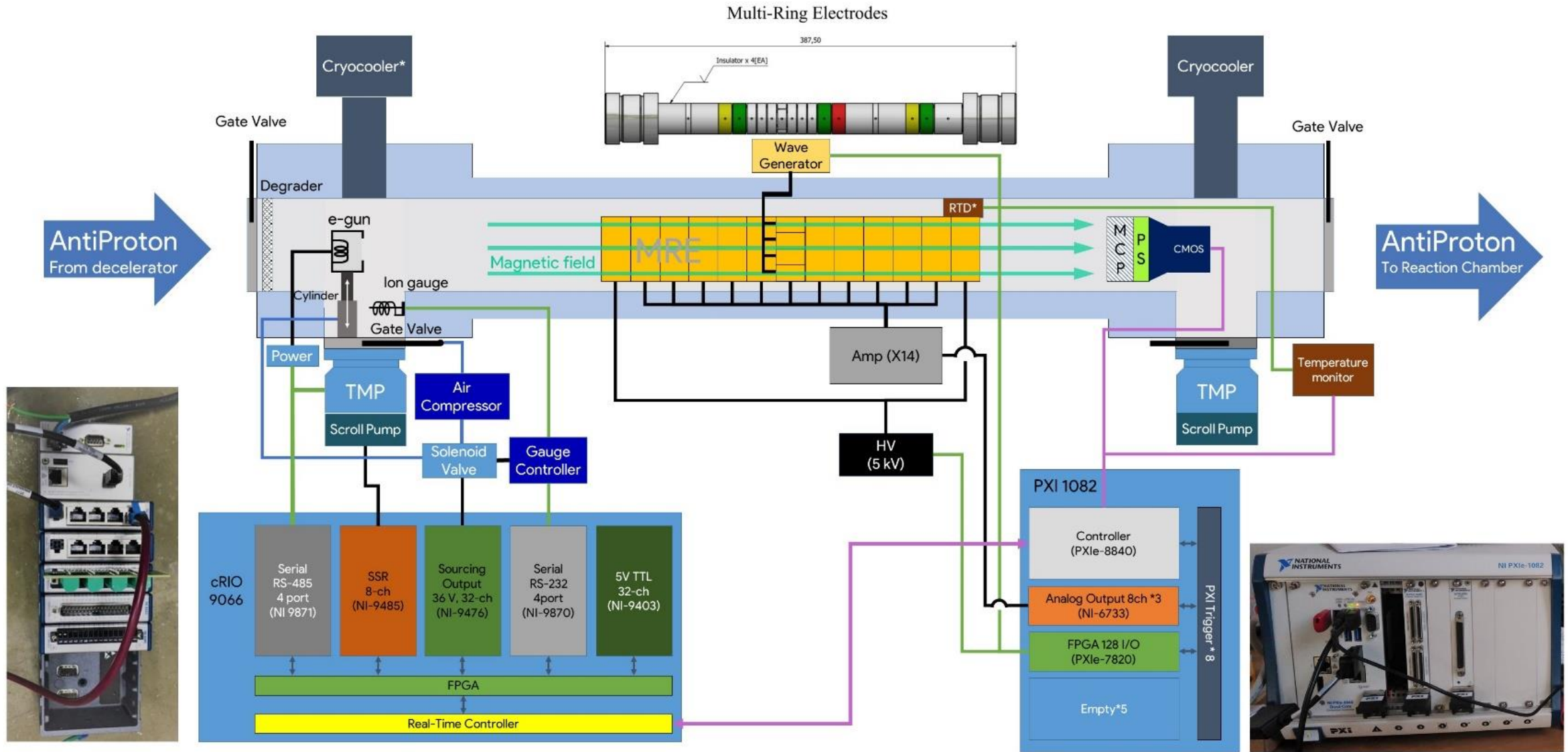
SNU

Kwanhyung Park

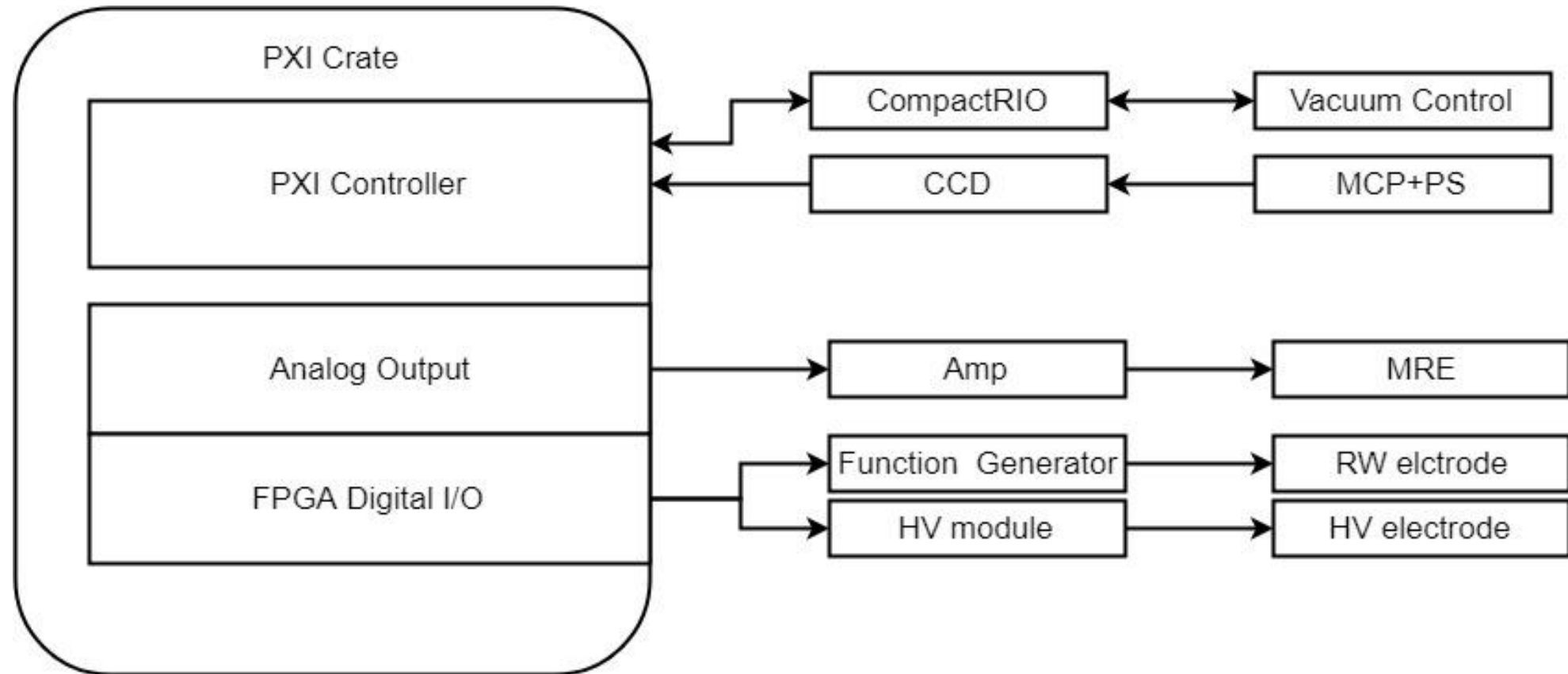
190823

Control system

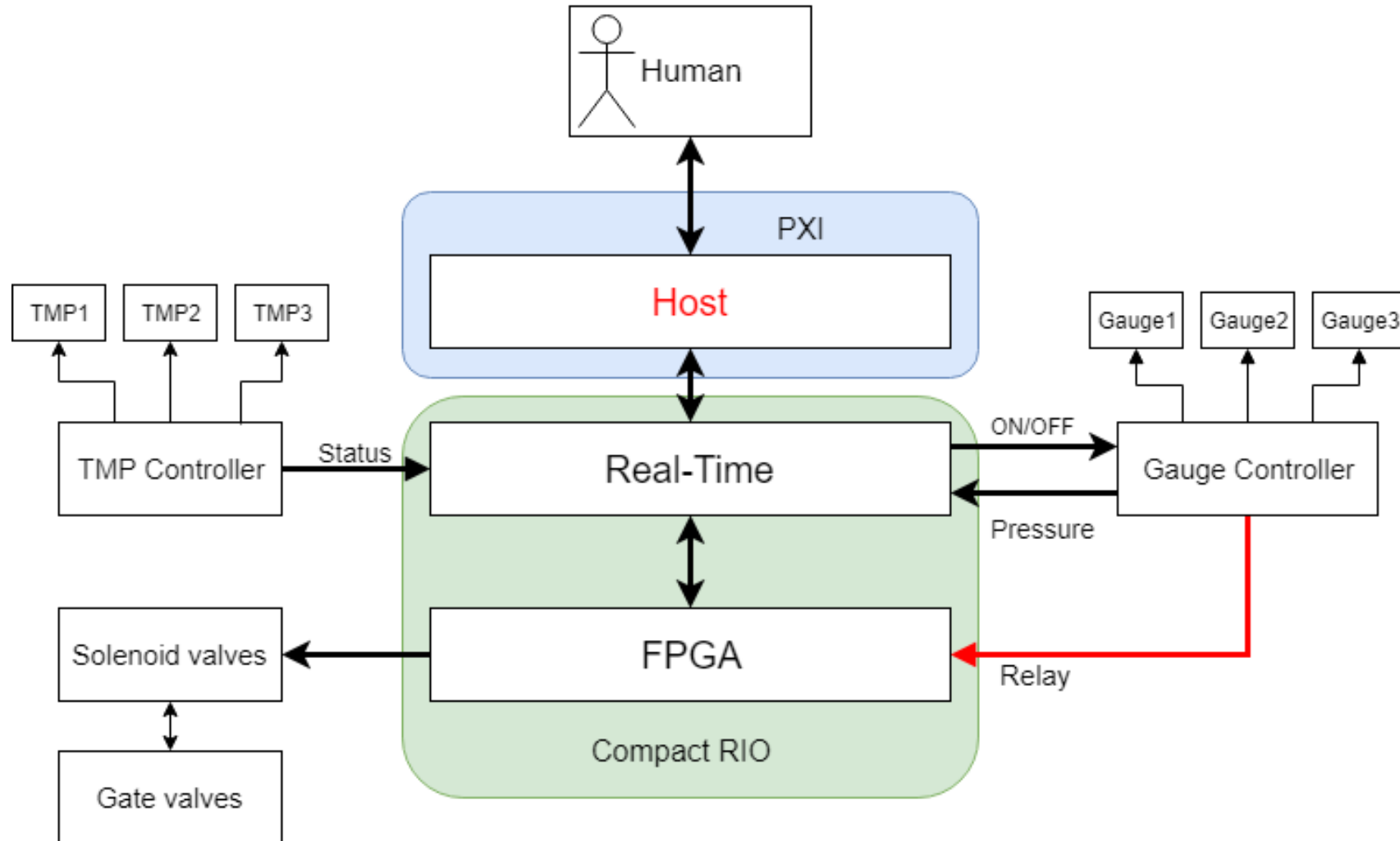
- PXI
 - Analog output
 - Rotating wall trigger
 - HV trigger
 - →Sequence
- Vacuum control (CompactRIO)
 - Pumps
 - Valve
 - Gauge
 - →Safety condition



PXI

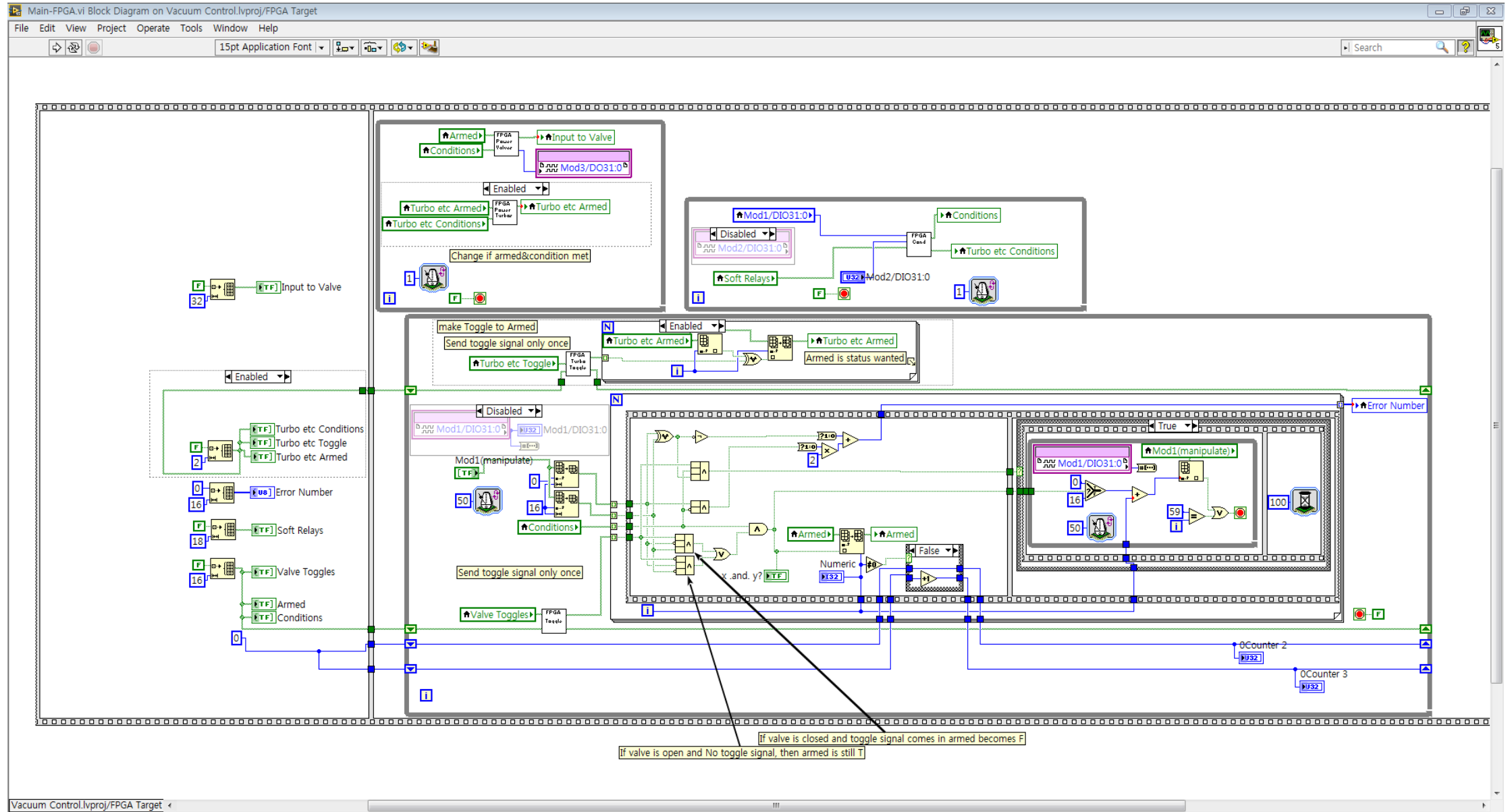


Safety system Architecture

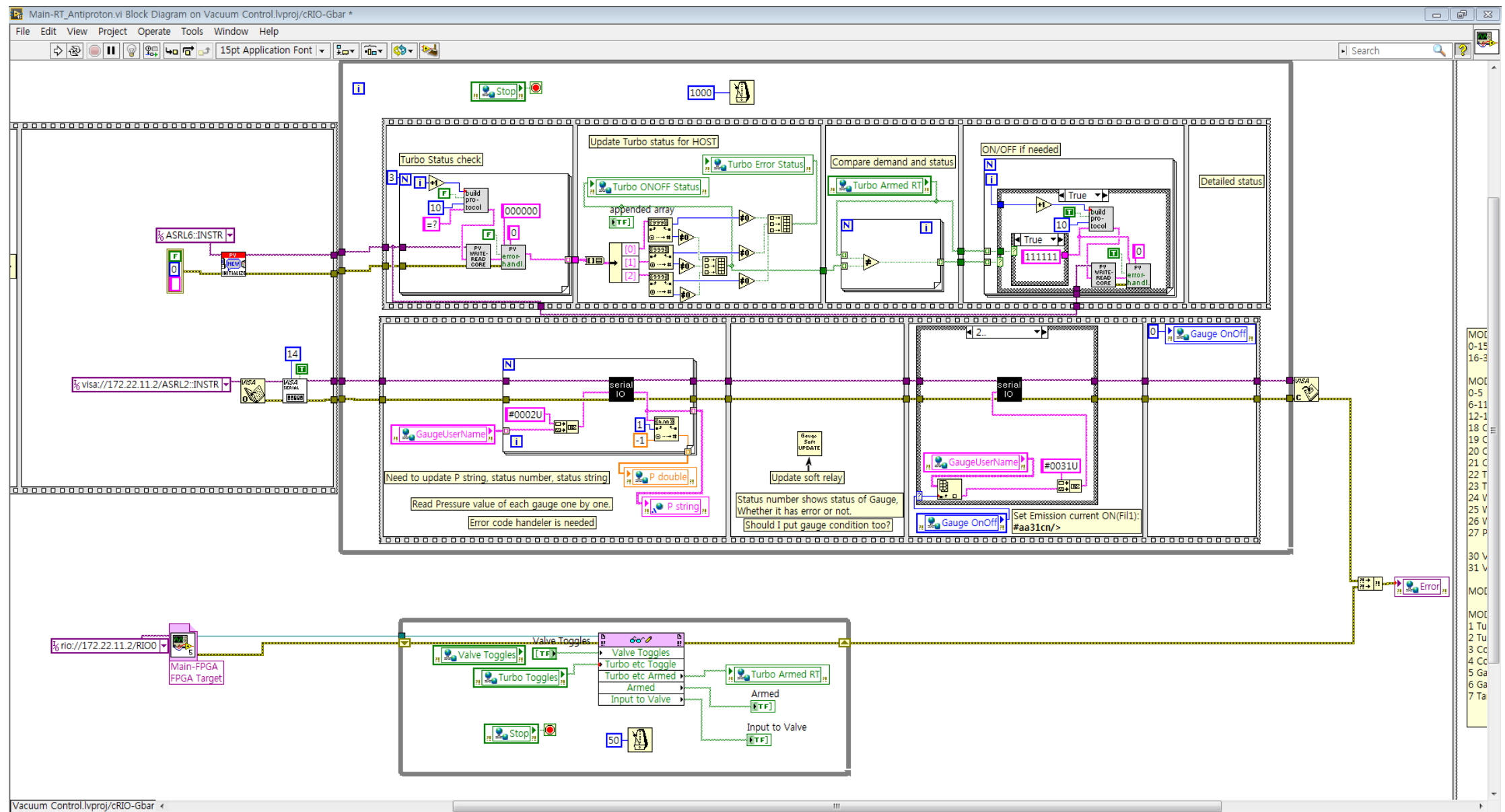


*** Backup Slides**

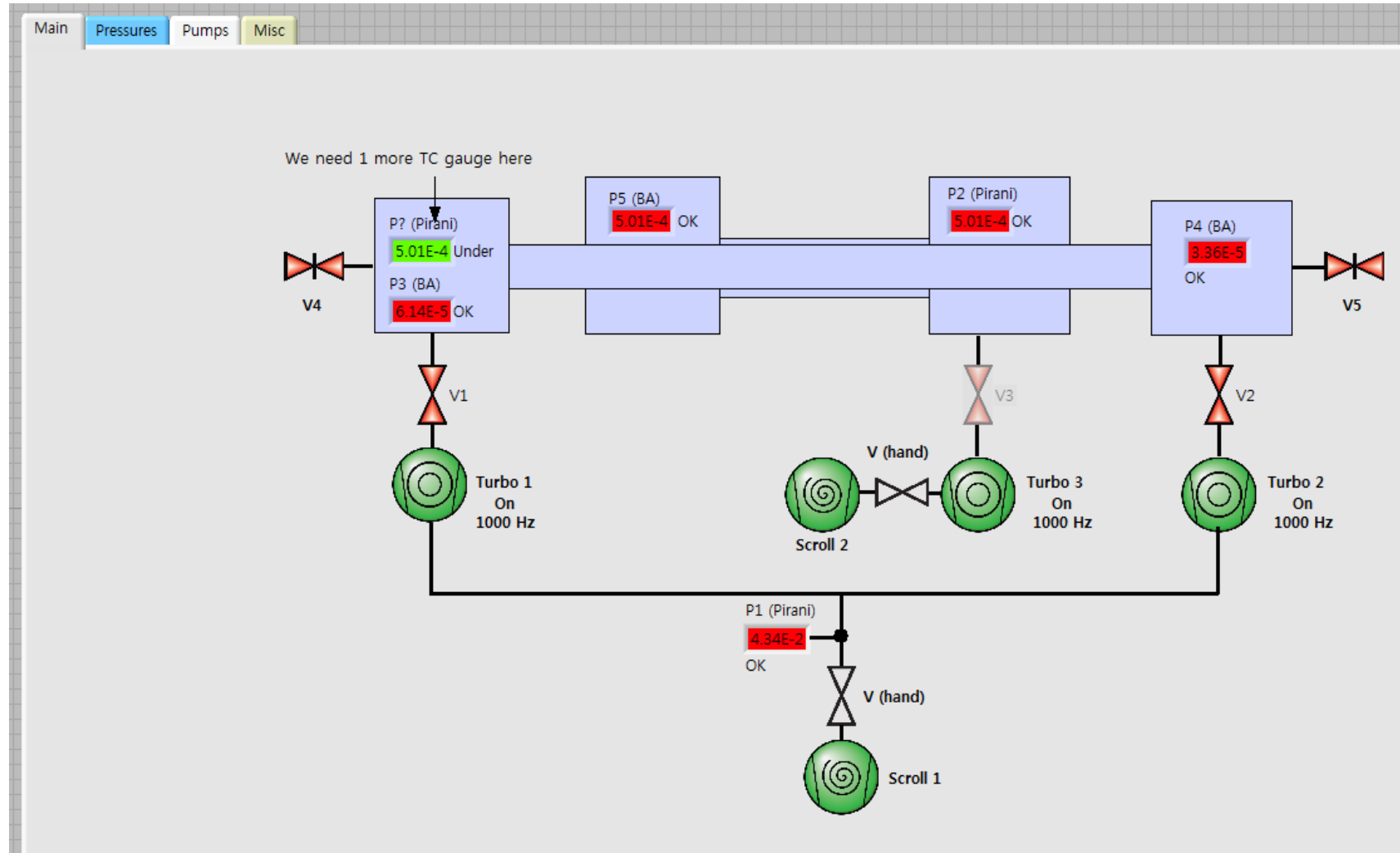
FPGA



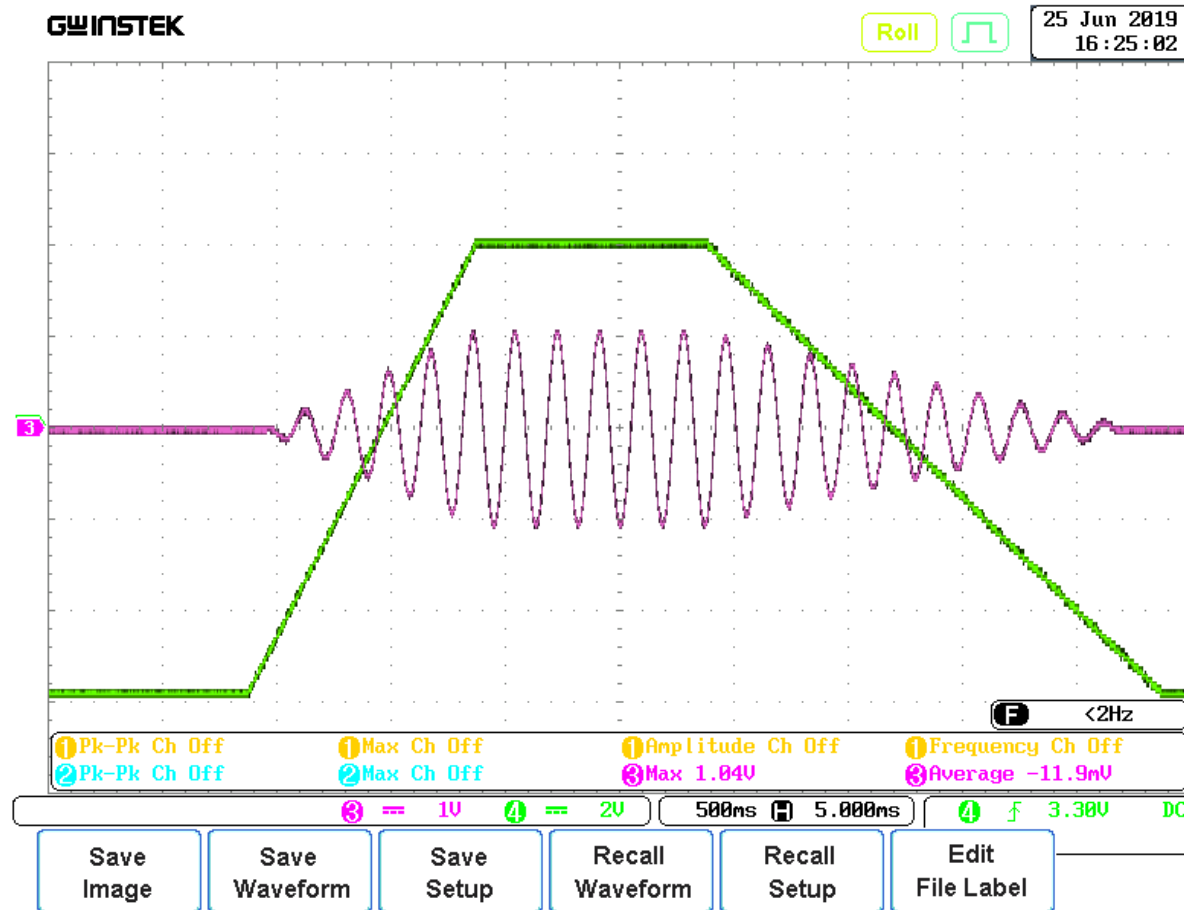
RT



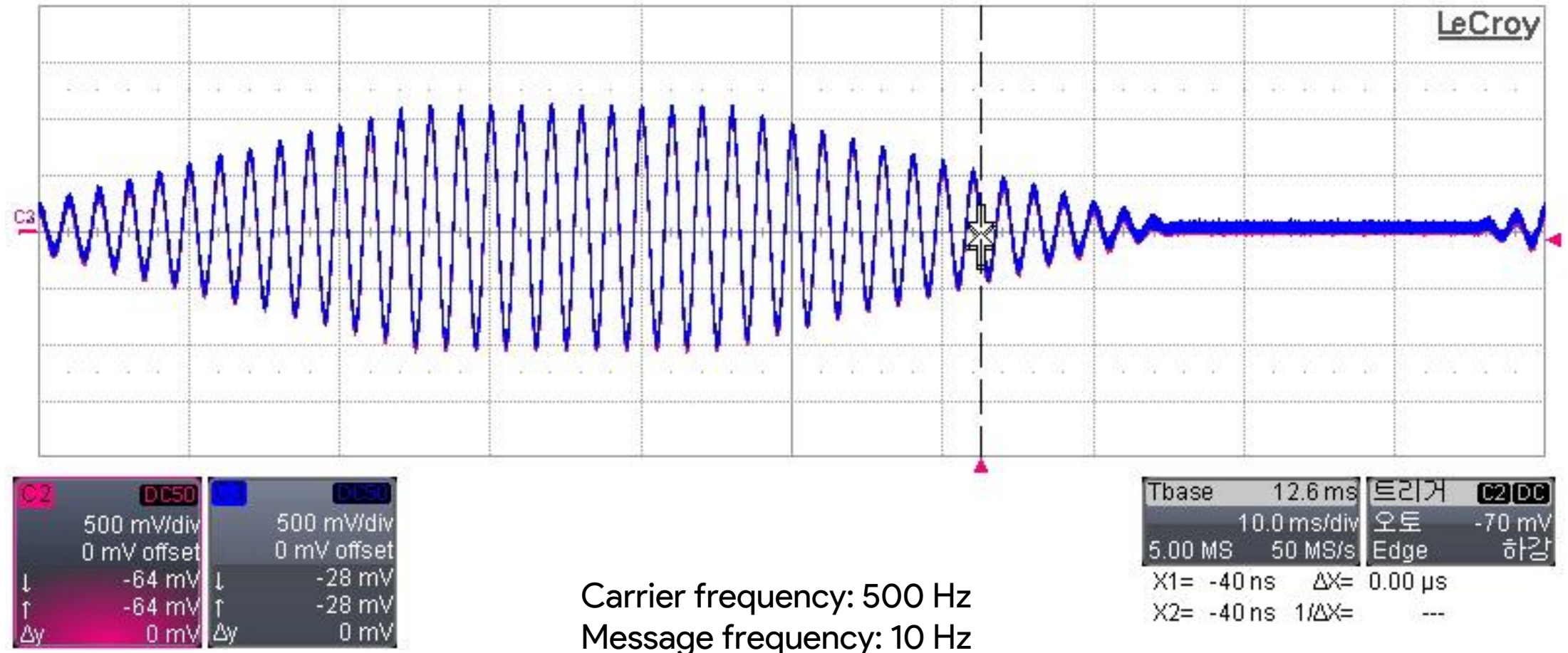
HOST



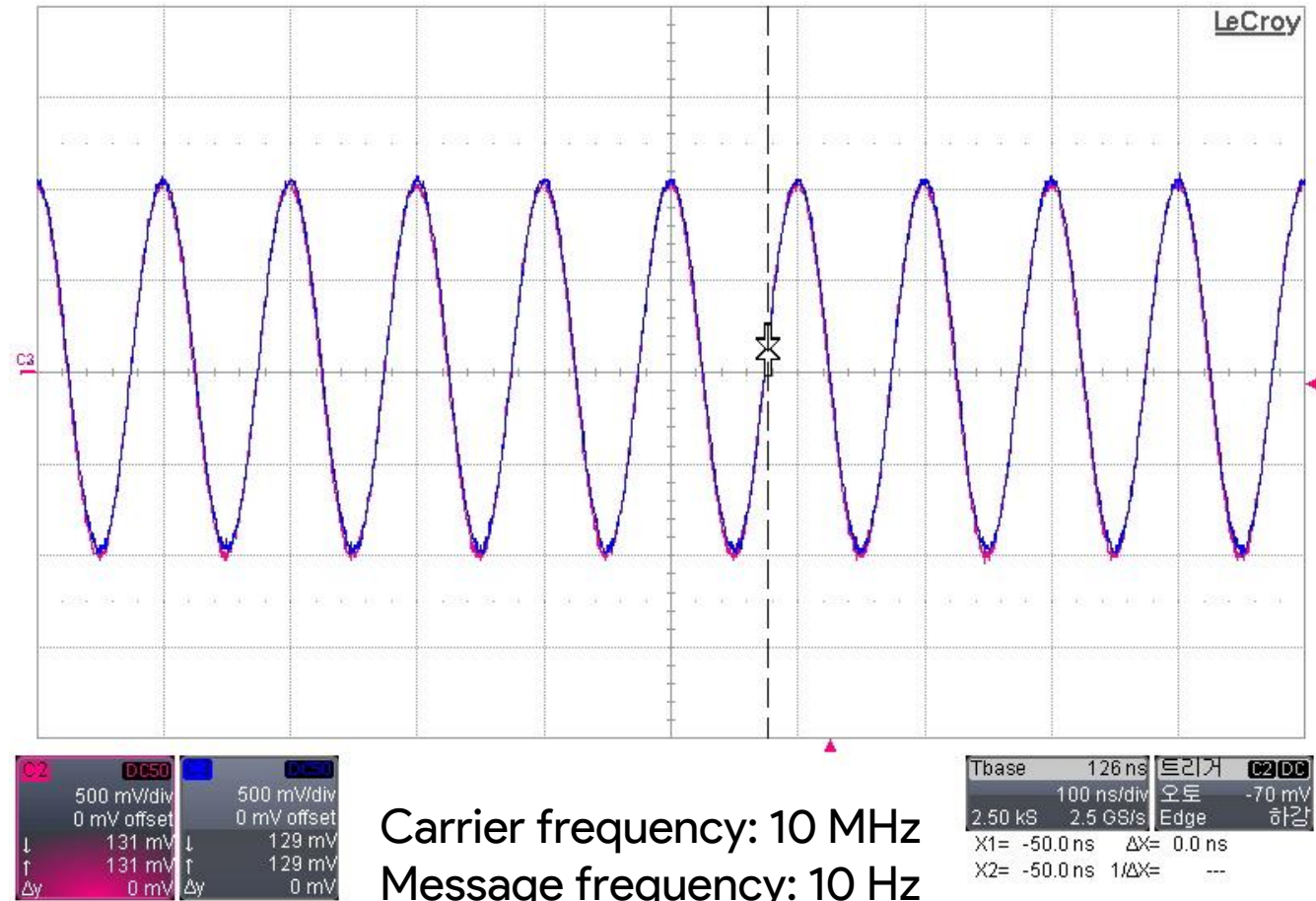
Amplitude Modulation



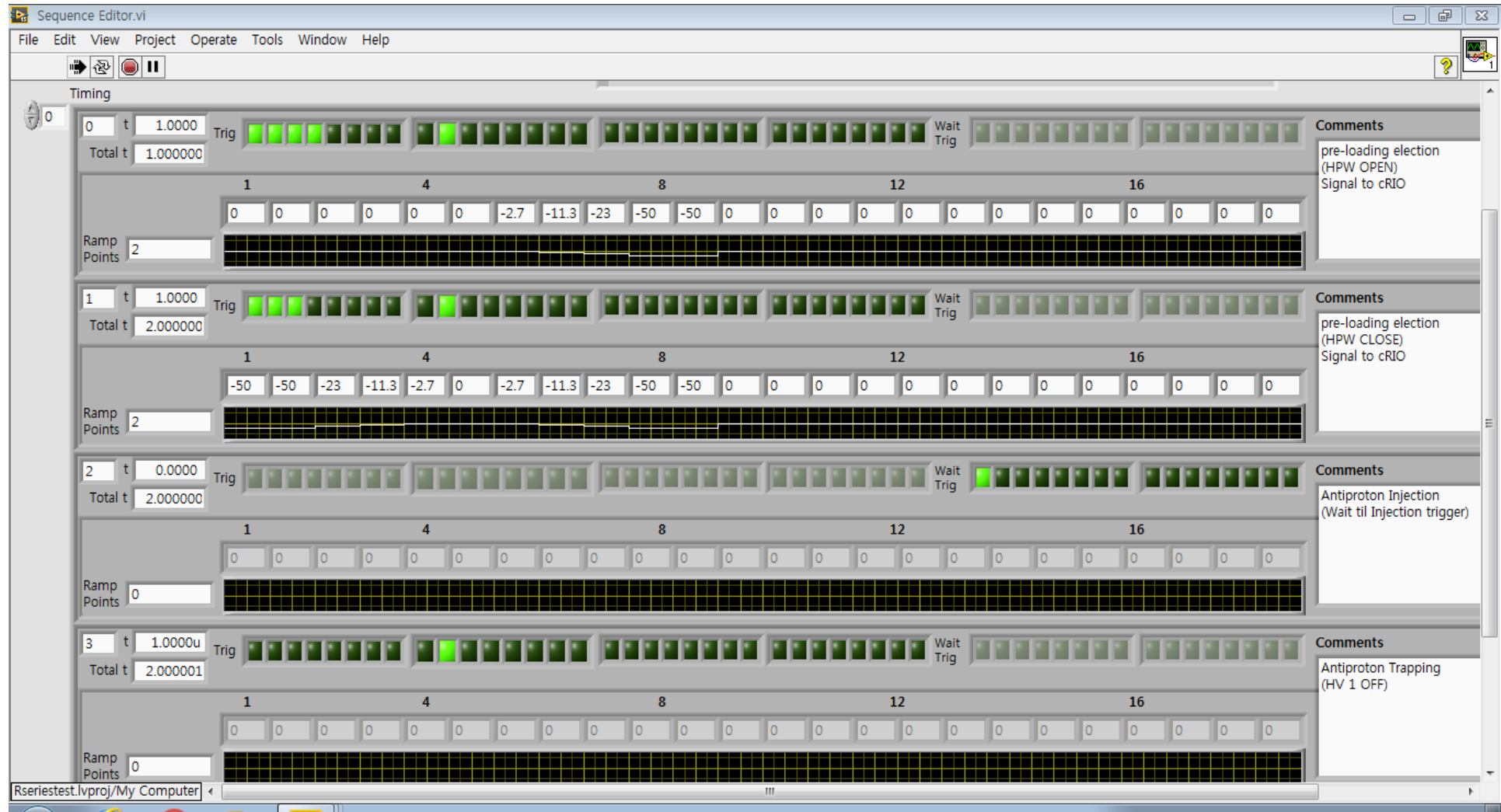
Amplitude Modulation



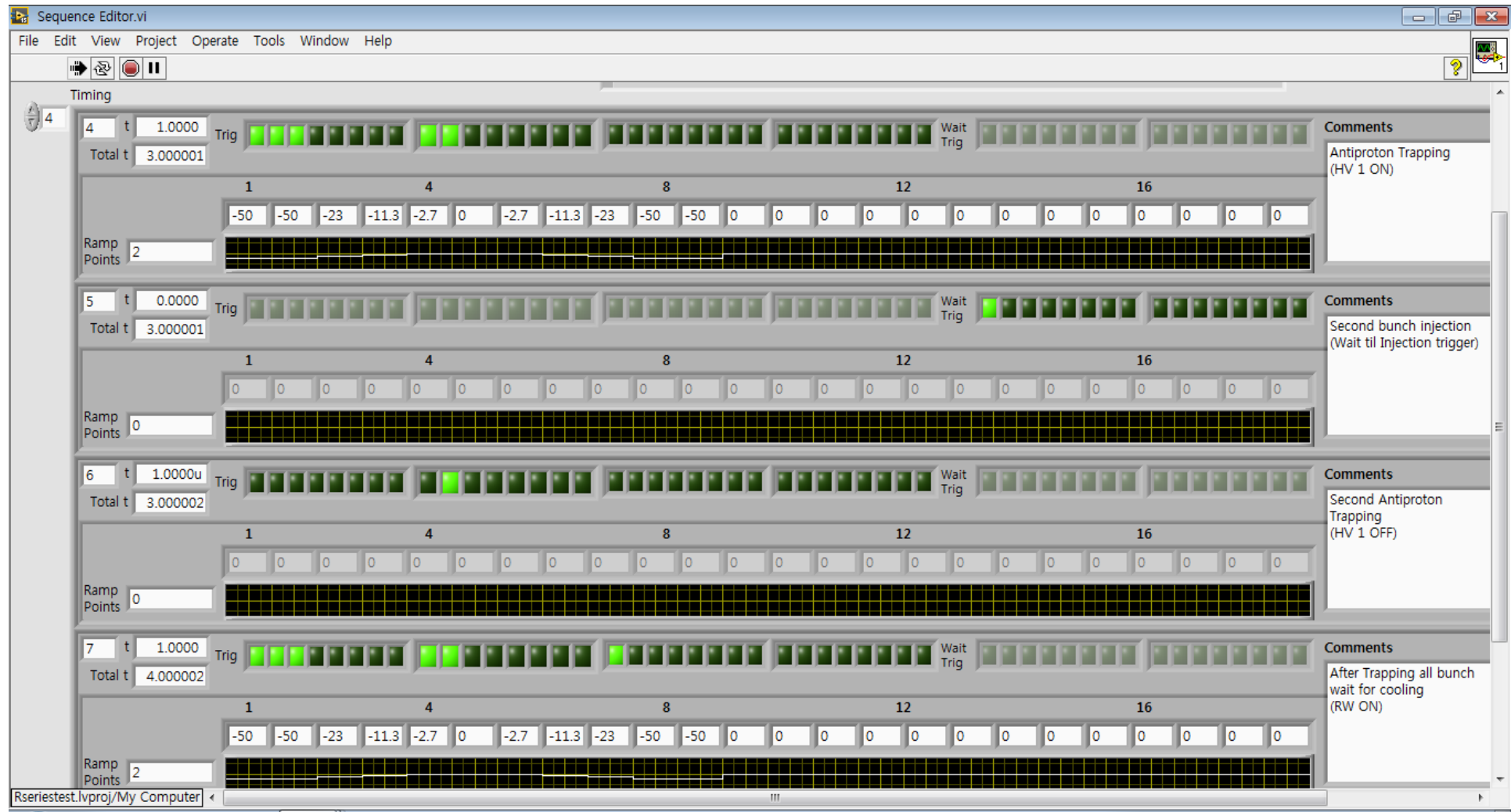
Amplitude Modulation



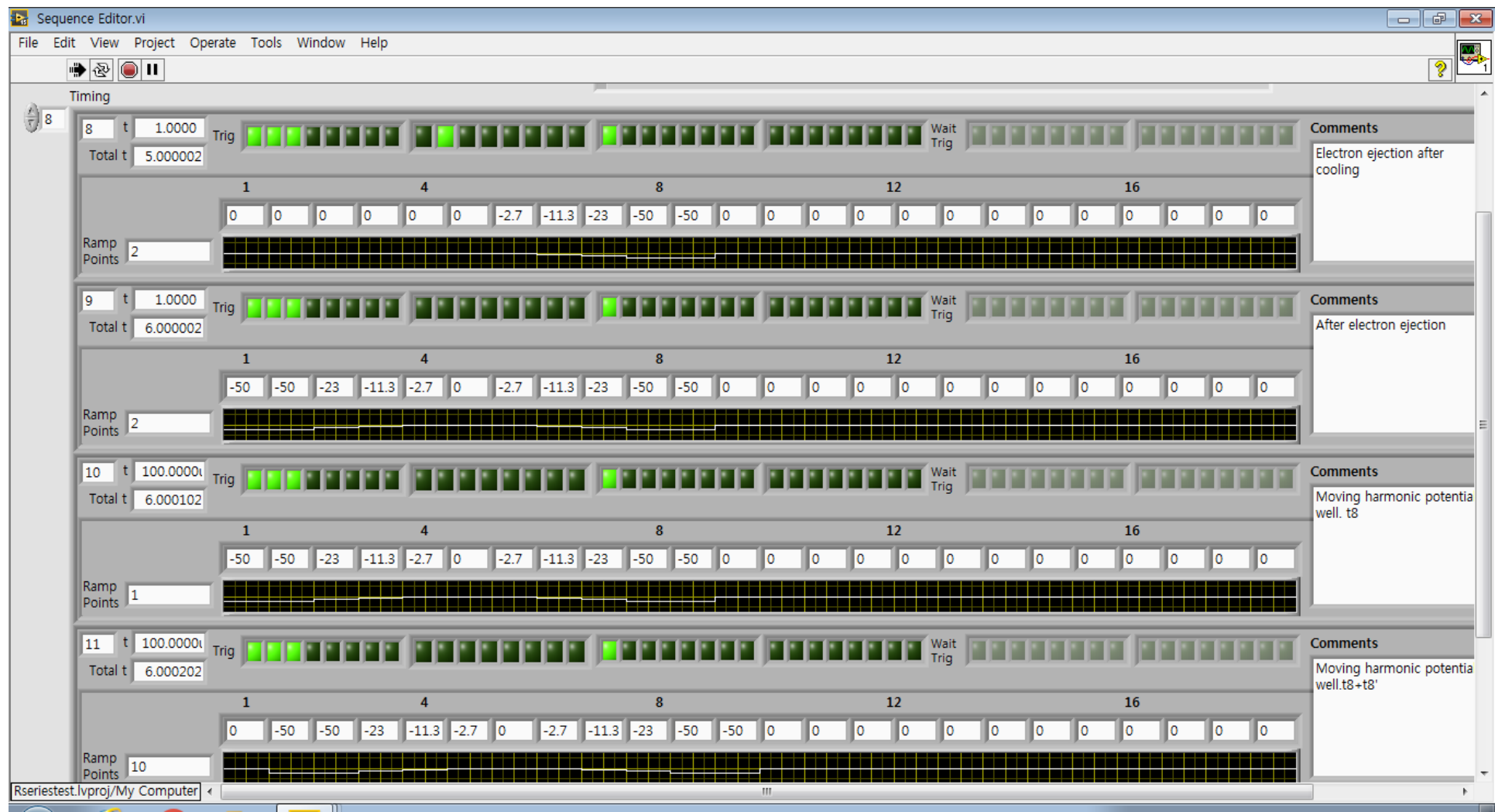
Demo sequence 1



Demo sequence 2



Demo sequence 3



Demo sequence 4

