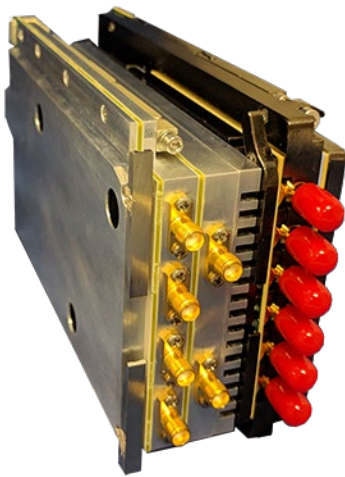


ADEP™ ULTRA 3U/VPX Module Dynamic Engagement System



FEATURES:

- Rugged module for tactical and range systems
- Flight qualified
- 100 MHz to 20 GHz tunable
- Generate up to 4000 false targets
- Kinematic scenario programming environment
- Supports multiple complex target cluster scenarios
- Multiple output channels for complex simulations, MTI and SAR simulation
- 1 GHz instantaneous bandwidth
- Multiple resolution options
- >60 dB dynamic range
- Variable target range delay
- Remote Ethernet operation
- Extensive target generation capabilities

FEATURES	SPECIFICATIONS
Frequency	100 MHz to 20 GHz tunable
Independent Targets False Targets	16 per board 4000 per board
Instantaneous Bandwidth	1GHz
Bit Depth	12 in, 12 out (LVDS) 14 in, 16 out (JESD)
Dynamic Range	>60 dB
Pulse Width	15 ns to CW
PRF Range	1 Hz to 5 MHz
Target Delay	200ns to 750us (Pipeline) 200ns to 1s (Pulse Storage)
Delay Resolution	0.625 ns
Doppler Range	+/-650 MHz
Phase Resolution	0.1 degrees
Amplitude Resolution	0.25 dB
Target Update Rate	>25 KHz
Gain Flatness	<+/- 1 dB
Operating Temperature	-20 to 85°C
Control Interface	VPX/Ethernet
Dimensions	3U VPX