Target Generator
(EW Technique Generator)

Target Generator is very useful to generate the target echo signal(s) of Radar(s) without real operation of the Radar and launching Targets such as flights, battle ships, etc. It can be used for Radar System T&E or Radar operator Training/Practice. Also using this, the EW officers and the designers of EW systems can develop and estimate the very effective EW Technique with saving time, cost as well as their efforts.

Features

▷ Flexibilities to create Technique : Precisely adjusting the parameters using GUI software
▷ Wide Instantaneous Bandwidth : Up to 1 GHz
▷ Generate the Coherent Technique on the Received Signals
▷ Various Modulations can be programmed
▷ Cost-Effective Solution in the field of developing Jamming Technique, EW Training, Radar's ECM Vulnerability Test, and verification of ECCM Effectiveness
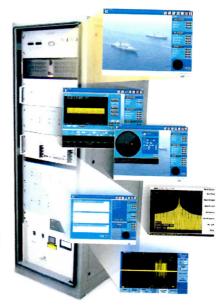▷ Easy to customize on the Customer's Requirements
▷ Various Platforms Available

Specifications

Parameter	Description
Frequency Coverage	Up to 18 GHz (Customization Applicable)
Instantaneous BW	Up to 1 GHz or more (Optional)
Input Sensitivity	<-65 dBm
Range Delay	~ 3 ms (max)
Delay Resolution	>10 ns
Pulse Width	<100 ns to CW
Technique	
Range Gate Deceptions	Pattern : Linear, J-Shape, S-Shape Dwell / Walk / Hold time : $1 \sim 100$s Range Delay : ~ 3 ms (max) Keeper
Velocity Gate Deceptions	Doppler Frequency Range : Up to ± 300 KHz Synchronized with RGPO / RGPI
MFT (Multiple False Target)	False Target Numbers : 255 (max) Interval Range Between Targets : 10 ns ~ 3 ms
Noise Jamming	SSR, LFN Pattern : Sinusoidal, Triangle, Sawtooth Sweep Rate : $0.125 \sim 500$ Hz Duty Cycle : $1 \sim 90\%$

* The other band models are available on requests