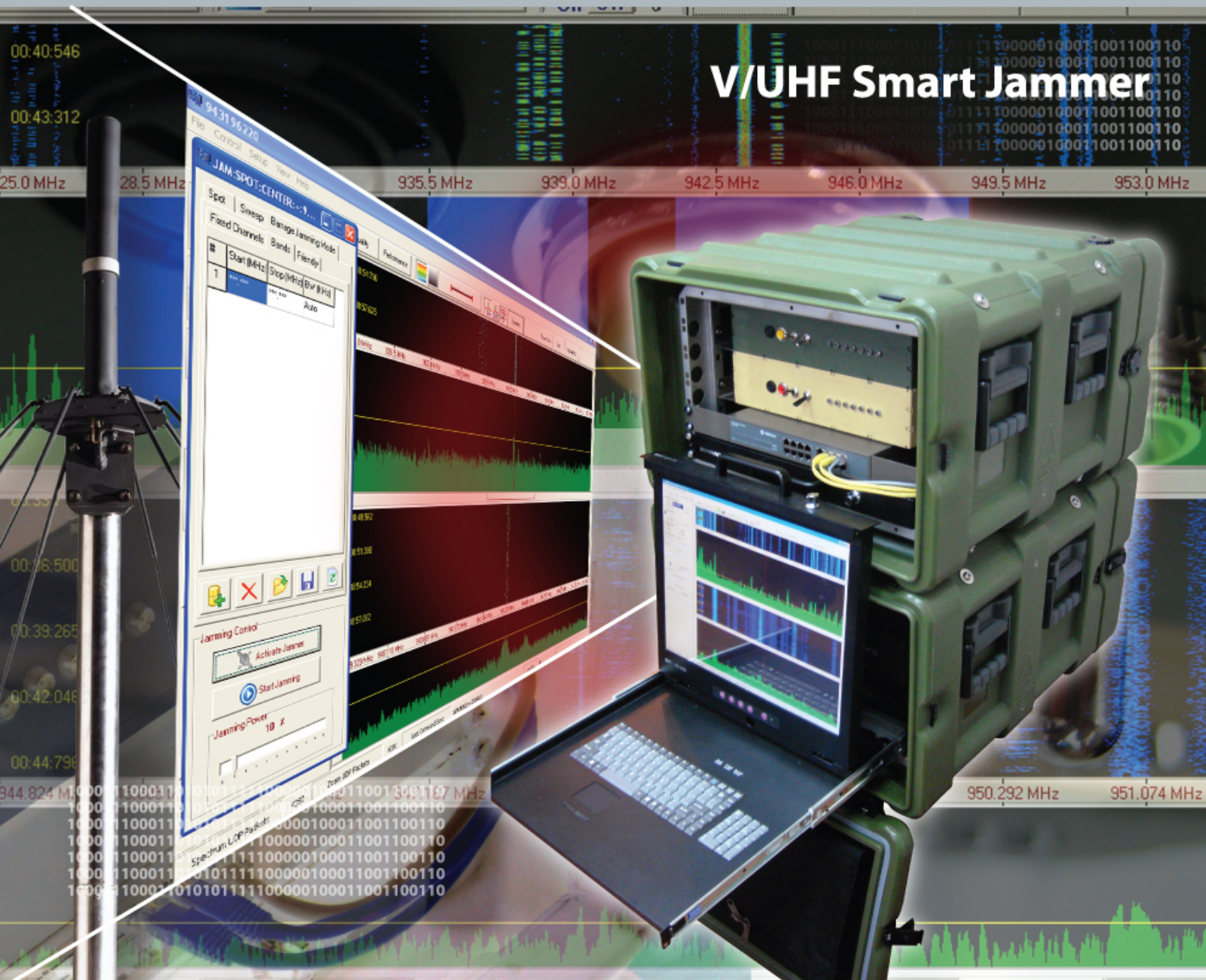
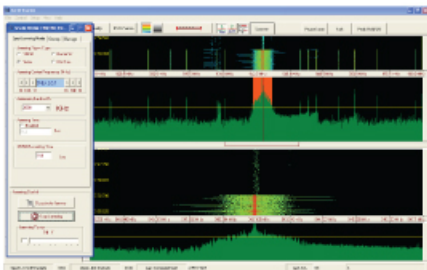
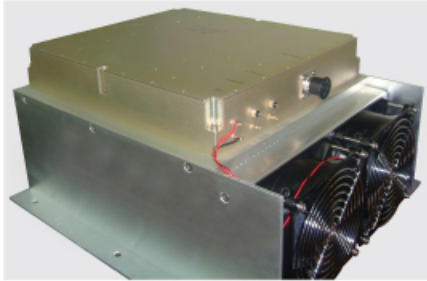
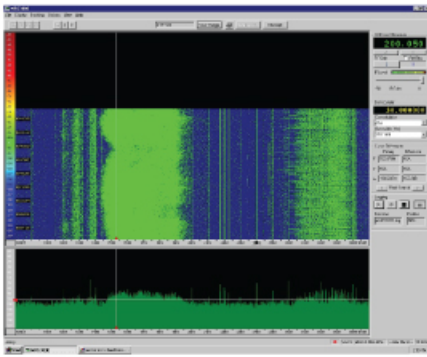


Winning the Battle of Signal WaveStorm

V/UHF Smart Jammer



WaveStorm is a cost effective high performance V/UHF smart jammer. Beside its capabilities to search, monitor the spectrum and listen to the intercepted signals, it can generate a spot or band barrage jamming signal to effectively shutdown any communication system within its radiated power zone. Although the conventional communications systems can be knocked down using an interfering signal, the new systems that uses spread spectrum techniques are more immune to these kinds of Jamming. WaveStorm uses a an implementation of digital radio frequency memory (DRFM) technique to defeat these systems.



Features

- Frequency range 50MHz to 2850MHz.
- Can generate instantaneous spot barrage jamming signal bandwidth from 10KHz up to 8MHz (optional up to 32MHz).
- Jamming modes include spot, sweep and barrage jamming.
- DRFM Jamming for complex transmission.
- Jamming interfering signal can be selected from digitally generated noise interfering signal, digitally off-line mathematically prepared interfering signal or digitally recorded one.
- Capability to select forbidden jamming spectrum regions (friendly frequencies) when using sweep or bands jamming.
- Less than 1msec jamming response time from the moment of receiving control command.
- Sufficient jammer RF output power enough to drive any external high power RF amplifier.
- Built-in spectrum searching and monitoring capabilities.
- Intercepted signal immediate demodulation and listening.
- TCP/IP based application programming Interface.
- Easy to use Windows based graphical user interface (GUI).

Frequency Range	50 MHz to 2850MHz
Instantaneous Jamming Bandwidth	Operator selected from 10 KHz to 8MHz (Optional up to 32MHz)
Jamming Modes	Sweep, spot, and multiple bands
Jamming Response Time	< 1 msec
Interfering Signal Types	Digitally generated noise, recorded interfering and DRFM signals
RF Output Power	-40 to +20 dBm
Signal Listening	AM, FM, PM, DSB, SSB, NBFM
Demodulation Types	
Graphical User Interface	Windows XP
Control Interface	RJ-45 LAN connector for TCP/IP
Operating Temperature	-10C to +55C
Power Supply	12 V DC
Weight	4 Kg
Dimensions	400mm X 400mm X 80mm