



ITOPP

ALCEN

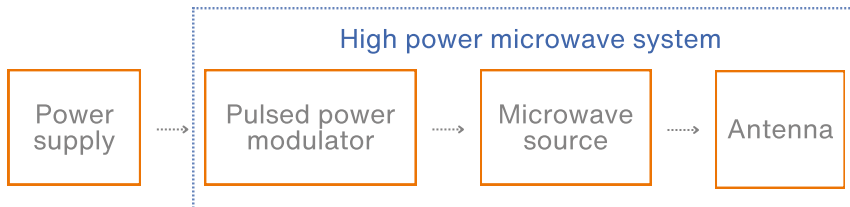
ITOPP, Leader in High Power Microwave Systems

High-Power Microwave Defense Solutions for Electronic Warfare

With nearly 30 years of applied expertise, ITOPP leads in High-Power Microwave (HPM) technologies, specializing in electromagnetic hardening and defense systems. ITOPP has mastered the core components of HPM platforms —including pulse power systems, microwave source integration, and system-level control architectures—to deliver advanced directed energy weapons (DEWs).

SKYPULSE: High power Microwave System for Neutralization of Autonomous Drones

SKYPULSE is a high-power microwave (HPM) weapon system engineered for aerial threat neutralization. It integrates a pulsed-power Marx generator (~400 kV) with a Backward Wave Oscillator (BWO) to generate directional electromagnetic pulses capable of disabling drone electronics in real time.



Non-contractual photo

The system emits microwave radiation that impacts electronics from destruction to disturbance. These effects gradually decrease with distance.

Main features

- Compatible with current and future threats:
 - Piloted or autonomous drones
 - Single or swarming drones
- Safe, non lethal solution
- Mobile:
 - Installation on a carrier
 - System can be used with batteries and generator for greater autonomy
- Installation on various platforms

NON KINETIC NEUTRALIZATION



LOWER COST PER ENGAGEMENT



WIDE AREA COVERAGE



INSTANTANEOUS EFFECT

