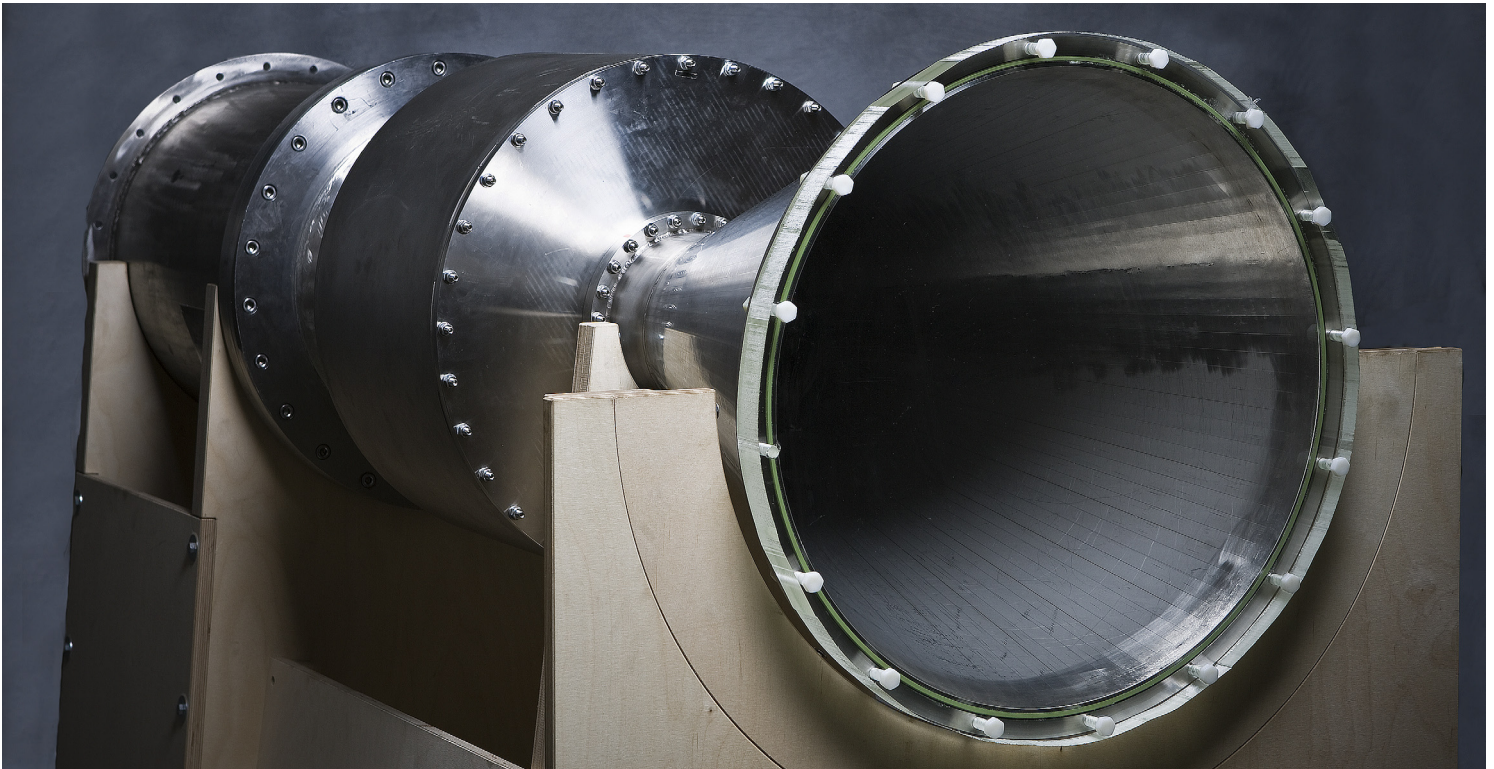# Bofors HPM Blackout

The BAE Systems Bofors HPM Blackout is a versatile and compact stand alone High Power Microwave system suitable for evaluation, research and as a decision tool for microwave effects and/or protection.

It is a fact that on the modern battlefield the deployment of electromagnetic effects is becoming a natural prolongation and complement of the current traditional weapon capabilities. Electromagnetic effects are a reality and during the last decades a considerable effort has been put on protective countermeasures to face this emerging threat. Up until now evaluation of the capabilities has been limited to research labs

and expensive non-mobile equipment. The Bofors HPM Blackout is a GW-level mobile microwave source aimed for evaluating the threats from electromagnetic effects. With this system a realistic perspective is possible with regard to tactical adaptation and the generated level of microwave radiation. Bofors HPM Blackout has proven destructive effects at considerable distance against a broad field of COTS equipment.
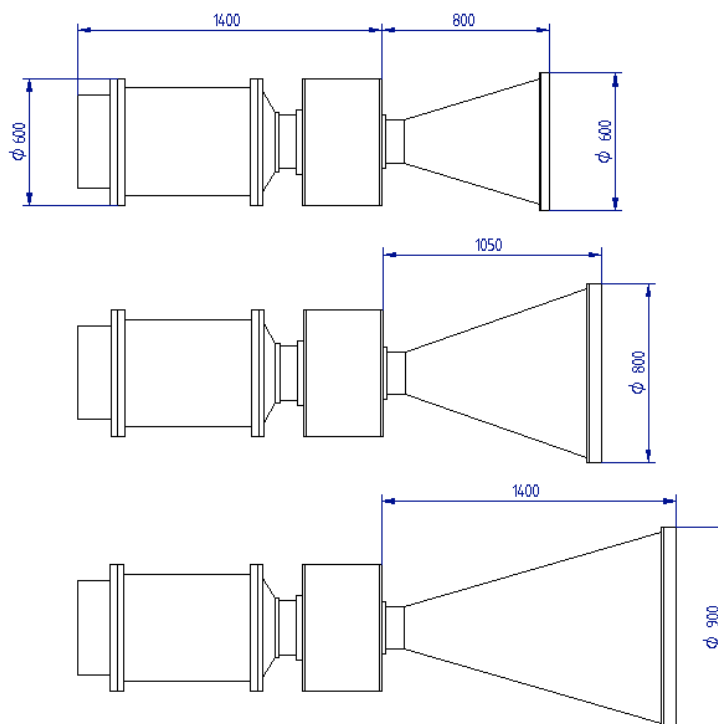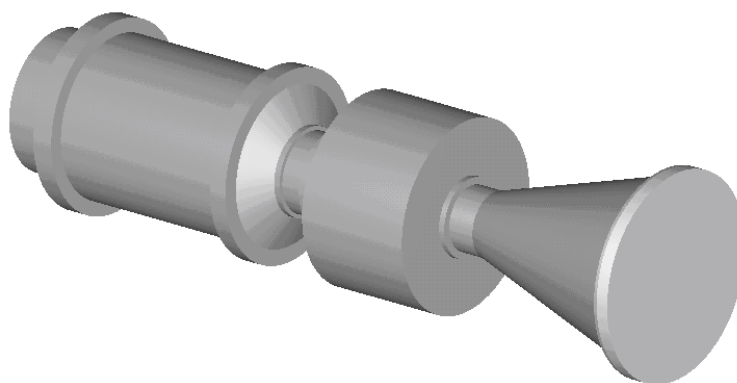
Performance data

The system is composed of an integrated
modulator, a microwave source and an antenna.
Adjoining support systems are a vacuum
system for the microwave tube and a gas supply
system for the modulator. The integrated battery
supply makes the system operational in all
terrains and independent of standard utilities.

Technical data

Length	< 250 cm
Diameter	< 100 cm
Frequency	L to S band
Pulse length	400 ns
Antenna gain	10-25 dBi

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