KB RADAR
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Optima-3.2

GPS and GLONASS user navigation equipment jamming Complex

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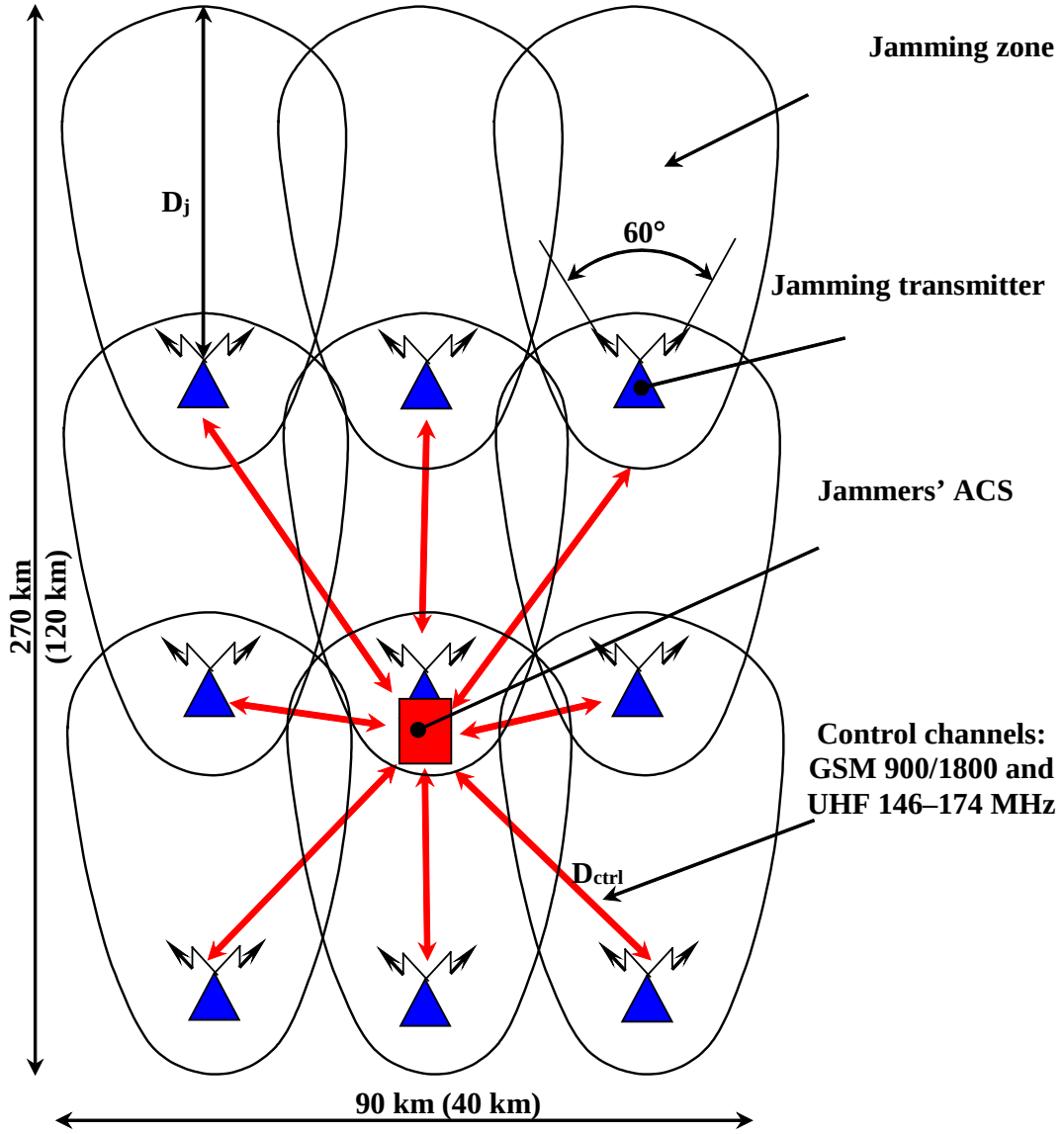
Designation

Generation of space-distributed remote-controlled jamming field disabling navigation equipment of aviation assets, precision weapons, weapon control systems, individual GPS, GLONASS, GALILEO (option) users.



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Advantages

- generation of jamming of optimal structure at two frequencies (L1 and L2) of the GPS system and two bands (L1 and L2) of the GLONASS;
- continuous round-the-clock operation;
- effective impact of jamming on navigation equipment of cruise missiles and aircraft outfitted with adaptive antenna arrays;
- the “gapless” jamming field complicates detection and destruction of individual transmitters;
- separate remote On/Off control of territorially distributed jamming transmitters.

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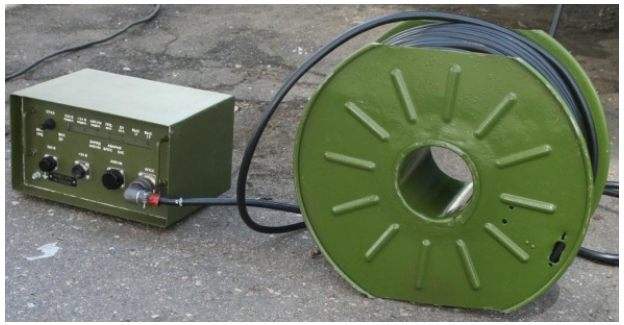
Composition

jamming transmitter (9 sets)



automated control system module

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Jamming Transmitter

power supply and control unit

control and communication unit

special signals transmitter

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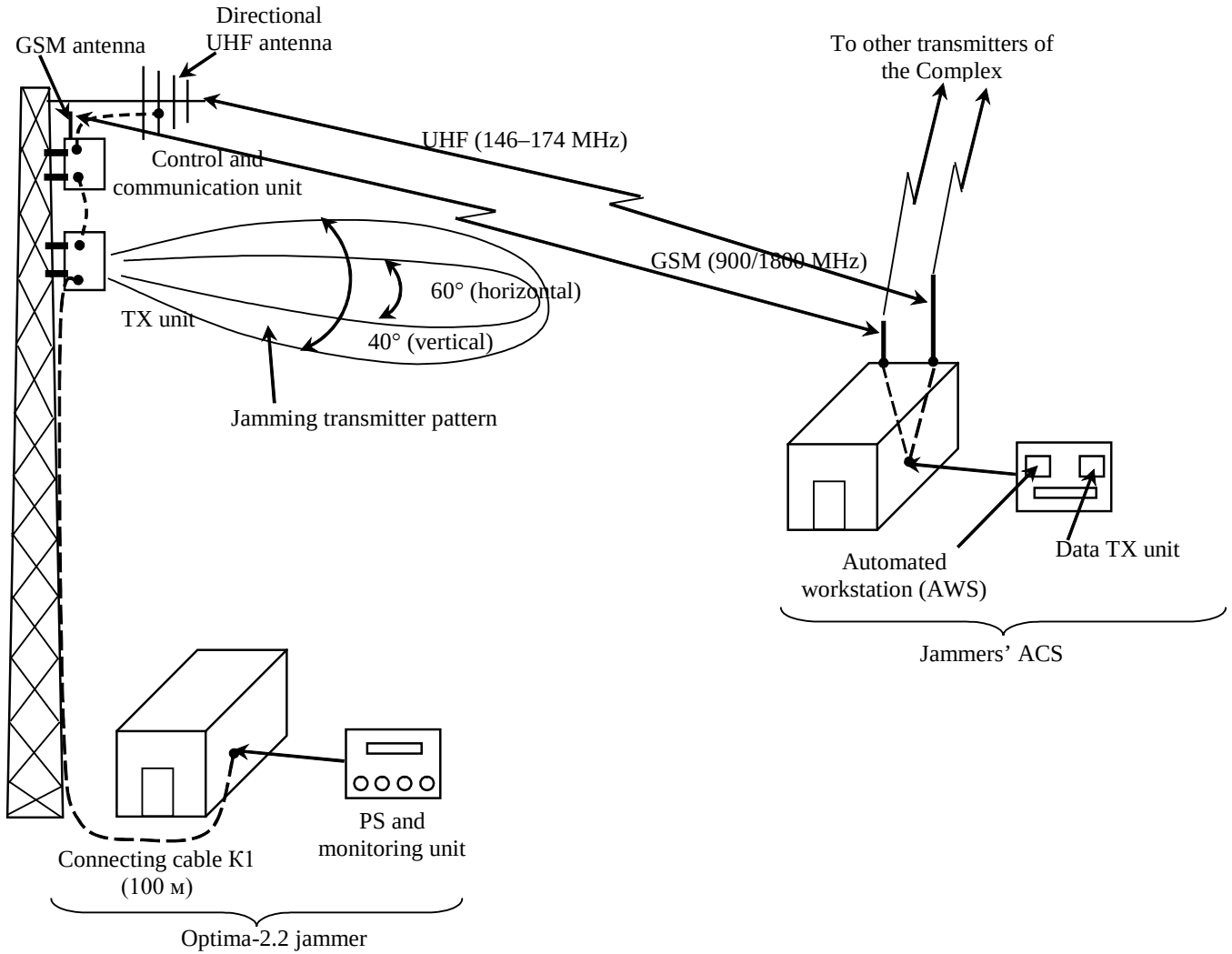
Способ размещения



Specifications

Transmitter output power at each frequency	15 W
Transmitting antennas pattern width:	
horizontal	60±10˚
vertical	40±10˚
Jamming type	signal of complex frequency-time structure
Jamming transmitters remote control range:	
via GSM channel	within GSM coverage
via radio channel	30–50 km
Frequency range of data transmission via radio channels:	
via GSM channel	2G/3G/4G
via radio channel	UHF

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