

«Kolchuga-M»

electronic reconnaissance station

It is intended for monitoring of radio devices with pulse and continuous emission in the following frequency bands: 135 to 170 MHz, 230 to 470 MHz, 750 to 18,000 MHz.



Technical Characteristics

Operation frequency range of the seven sub-bands, MHz	135-470, 750-18,000
The receiver's sensitivity at the antenna inputs (depending on band), dB/W	90-110
Antenna system azimuth rotation range, manually and automatically, deg	± 300
Frequency rotation, min⁻¹:	
minimal, not more than	0.07
maximal, not less than	1
Sector scanning range in any azimuth direction, deg	30-240
Pulse duration measuring range, mcsec	0.5-31.25
Impulse generation period measuring range, mcsec	2-79,999
MSE of pulse duration and generation period measuring, mcsec, not more than	0.1
Number of marked and accompanied simple pulse sequences with pre-set periods, not more than	32
Number of simple pulse sequences excluded from processing, not more than	24
Continuous operation time, h	24
Power consumption, kW, not over	8
Station's round the clock operation personnel, men	7
Operation temperature, °C	± 55
Panoramic view range, GHz	0.135-18
Analysis band, GHz	0.5
Detail view range, MHz	0.5-50