

## **Substantiation and synthesis of priority lines of onboard devices of a special-purpose designation for Remote sounding of the Earth (DZZ)**

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The approach to the decision of a problem of definition of the program of creation of onboard equipment DZZ for the period up to 2010-2015. is considered in view of necessity of minimization of mass parameters of devices, that is a problem of development of priority lines of devices DZZ in which a worthy place should occupy low-sized devices. Offers in the project " Programs on creation outstripping are developed has touched on the onboard equipment of a special-purpose designation for perspective space system DZZ for the period 2006-2015. " which is based on the analysis of a condition and opportunities of development low-mass-dimension film-making systems seen, IR-and the MICROWAVE of a range with the account приоритетности various classes of new devices and conformity to their global level and modern requirements of numerous users. Problem questions of a technological structure are considered in the field of creation of polyzonal film-making systems seen and near IR ranges, radars with the synthesized aperture of the aerial, onboard IR Fourier-spectrometers with the purpose of creation of perspective onboard devices DZZ.