Application

to the solution of the SCR 15 December 2009

№ 09-05-09

Appendix № 2

to the solution of SCR May 7, 2007 № 07-20-03-001

Main technical characteristics and conditions of use devices short range wireless networks in data

The bands of radio frequencies	Technical characteristics			Additional Terms
	Name	Value	Dimension	
1. Devices with pseudo-random rearrangement of the working frequency (frequency hopping)				
2400-2483,5 MHz	Channel width	least 1	MHz	no
	Duration of stay (working) on a single carrier, the choice of which is carried by pseudo-law	not more than 0,4	with	
	The number of used channels frequency hopping	79		
	Maximum EIRP	2.5	mW	
2400-2483,5 MHz	Channel width	least 1	MHz	Permitted to use RECs outside the closed area only when the mounting height REF no more than 10 m from the surface of the Earth. For the purposes of gathering information in automated telemetry systems for monitoring and accounting resources, or protection systems may be applied without restrictions on the installation height of the RECs.
	Duration of stay (work) on a single carrier, the choice of which is carried by pseudo-law	not more than 0,4	with	
	The number of used channels frequency hopping	79		
	Maximum EIRP	100	mW	
2. Devices with direct spread-spectrum and other types of modulation *				
2400-2483,5 MHz	Maximum EIRP spectral density	2	mW / MHz	no
	Maximum EIRP	100	mW	
2400-2483,5 MHz	Maximum EIRP spectral density	20	mW / MHz	Permitted to use RECs exteriors only for the purposes of gathering information in automated telemetry systems for monitoring and accounting resources, or protection systems
	Maximum EIRP	100	mW	

The bands of radio frequencies	Technical characteristics			Additional Terms
	Name	Value	Dimension	
3. Devices with pseudo-random rearrangement of the working frequency (frequency hopping)				
2400-2483,5 MHz	Channel width	least 1	MHz	For use in indoor **
	Duration of stay (work) on a single carrier, the choice of which is carried by pseudo-law	not more than 0,4	with	
	Number of channels frequency hopping	least 15		
	Maximum EIRP	100	mW	
4. Devices with direct spread-spectrum and other types of modulation				
2400-2483,5 MHz	Maximum EIRP spectral density	10	mW / MHz	For use in indoor **
	Maximum EIRP	100	mW	

5150-5250 MHz	Maximum EIRP spectral density	5	mW / MHz	For use in indoor **
	Maximum EIRP	200	mW	

The bands of radio frequencies	Technical characteristics			Additional Terms
	Name	Value	Dimension	
5. Devices with direct spread-spectrum and other types of modulation				
5150-5250 MHz	Maximum EIRP	100	mW	The use on board aircraft
	Harmonized Standard	EN 301 893		
5250-5350 MHz	Maximum EIRP	100	mW	The use on board aircraft: 1. For Ethernet service communication of the flight crew - are allowed to use on board aircraft in the vicinity of the airport and at all stages of flight. 2. For wireless LANs for general use - permitted use on board aircraft in flight at an altitude not lower than 3000 m
	Harmonized Standard	EN 301 893		
5650-5825 MHz	Maximum EIRP	100	mW	Permitted use on board aircraft in flight at an altitude not lower than 3000 m
	Harmonized Standard	EN 301 893		