

III OSA. RAADIOSAGEDUSALA 3600 MHz – 1000 GHz

Rahvusvahelise Telekommunikatsiooni Liidu konventsiooni ja põhikirja täiendavate raadioeeskirjadega määratud raadiosagedusala kasutusrežiim ja –otstarve	Raadiosagedusala kasutusrežiim ja -otstarve Eestis	Raadiosagedusala kasutusviis Eestis	Lisaandmed
3600-4200 MHz FIXED	PAIKNE SIDE Liikuv side	3600-3800 MHz Maapealsed süsteemid elektrooniliste sideteenuste osutamiseks lähtudes EK otsusest 2008/411/EÜ. Sagedusblokkide (I-IV) jaotus üleriigiliseks kasutuseks: I kuni 2x21 MHz ; II kuni 2x21 MHz; III kuni 2x21 MHz; IV kuni 2x21 MHz Sagedusblokkide jaotus regionaalseks kasutuseks V kuni 2x14 MHz	Iseplaneeritav sagedusala CEPT/ECC/REC(04)05 CEPT/ECC/DEC/(07)02 2008/411/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 301 753, EN 302 326, EN 302 623
FIXED SATELLITE (SE) Mobile	PAIKNE KOSMOSESIDE (SE)	Maajaamat 3700-4200 MHz ESV terminalid (suunal Kosmos-maa)	CEPT/ECC/DEC/(05)09 Nõuded vastavalt ESS § 20 lg 1 EN 301 447
	Lähiotimeseadmed	Ehitusmaterjalide analüüsiga seadmed Ultralairiba lähiotimeseadmed Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498 2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065 CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066
4200-4400 MHz AERONAUTICAL RADIONAVIGATION 5.440 Standard frequency and time signal-satellite service may	LENNU- RAADIONAVIGATSIOON	Kõrgusemõõtjad	
	Lähiotimeseadmed	Ehitusmaterjalide analüüsiga seadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1

use 4202 MHz (± 2 MHz) (SE)			EN 302 435 EN 302 498
5.438 Aeronautical radionavigation is limited to radio altimeters on board aircraft and for the associated transponders on the ground, however passive sensing and space research may be authorised on a secondary basis		Ultralairiba lähitoimeseadmed Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065 CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066
4400-4500 MHz FIXED MOBILE	PAIKNE SIDE LIIKUV SIDE	Riikliku kasutuse tüüp 1	Nõuded vastavalt ESS § 21 lg 1
	Lähitoimeseadmed	Ehitusmaterjalide analüüsiseadmed Ultralairiba lähitoimeseadmed Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498 2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065 CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066
4500-4800 MHz FIXED FIXED SATELLITE (SE)	PAIKNE SIDE LIIKUV SIDE	Riikliku kasutuse tüüp 1	Nõuded vastavalt ESS § 21 lg 1
5.441 Use by fixed-satellite service shall be in accordance with App. 30B	Lähitoimeseadmed	Ehitusmaterjalide analüüsiseadmed Mahutite taseme sondeerimisseadmed (TLPR) Ultralairiba lähitoimeseadmed Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498 2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372 2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065 CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066
MOBILE (Mod.)			

4800-4990 MHz	PAIKNE SIDE	Riikliku kasutuse tüüp 1	Nõuded vastavalt ESS § 21 lg 1
FIXED	LIIKUV SIDE		
MOBILE	Lähitoimeseadmed	Ehitusmaterjalide analüüs seadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
Radio Astronomy		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
5.339 The band 4950-4990 MHz is also allocated to the space research (passive), earth exploration-satellite (passive) services on a secondary basis		Ultralairiba lähitoimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
5.149 Assignment to other services shall be made bearing in mind protection of the radio astronomy service from harmful interference		Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)	CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066
5.442 Allocation for mobile services in the bands 4825-4835 MHz and 4950-4990 MHz is restricted to the mobile, except aeronautical mobile services (WRC-07)			
4990-5000 MHz	PAIKNE SIDE	Riikliku kasutuse tüüp 1	Nõuded vastavalt ESS § 21 lg 1
FIXED	LIIKUV SIDE, v.a. liikuv		
MOBILE except aeronautical mobile	Lähitoimeseadmed	Ehitusmaterjalide analüüs seadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
RADIO ASTRONOMY		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
Space Research (passive)		Ultralairiba lähitoimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
5.149 Assignment to other services shall be made bearing in mind protection of the radio astronomy service from harmful interference		Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)	CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066
5000-5010 MHz	LENNU-RAADIONAVIGATSIOON	Lennuraadionavigatsioon	
AERONAUTICAL RADIONAVIGATION			
RADIONAVIGATION-SATELLITE (ES)	Lähitoimeseadmed	Ehitusmaterjalide analüüs seadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498

		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
5.367 Additional allocation: also allocated to the aeronautical mobile-satellite_(R) service on a primary basis		Ultralairiba lähitoimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
		Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)	CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066
5010-5030 MHz AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (SE) (SS) 5.443B Aggregate power flux-density produced at the Earth's surface in the band 5030-5150 MHz by all the space stations within any radionavigation-satellite service system (SE) operating in the band 5010-5030 MHz shall not exceed –124.5 dB(W/m ²) in a 150 kHz band. Radionavigation-satellite service systems operating in the band 5010-5030 MHz shall comply with the limits in the band 4990-5000 MHz defined in Res. 741 (WRC-03) (Mod.) 5.328B The use of the band 5010-5030 MHz by systems and networks in the radionavigation-satellite service is subject to the application of the provisions of Nos. 9.12, 9.12A and 9.13. Res. 610 (WRC-03) shall also apply (WRC-03) (Add.) 5.367 Additional allocation: also allocated to the aeronautical mobile-satellite_(R) service on a primary basis	LENNU-RAADIONAVIGATSIOON	Lennuraadionavigatsioon	
5.367 Additional allocation: also allocated to the aeronautical mobile-satellite_(R) service on a primary basis	LENNU-RAADIONAVIGATSIOON	Lähitoimeseadmed	Ehitusmaterjalide analüüsiseadmed
			2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
			2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
5.367 Additional allocation: also allocated to the aeronautical mobile-satellite_(R) service on a primary basis	LENNU-RAADIONAVIGATSIOON	Ultralairiba lähitoimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
			2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 066
5030-5150 MHz AERONAUTICAL RADIONAVIGATION 5.367 Additional allocation: also allocated to the aeronautical mobile-satellite_(R) service on a primary basis	LENNU-RAADIONAVIGATSIOON	Lennuraadionavigatsioon	
	Lähitoimeseadmed	Ehitusmaterjalide analüüsiseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498

<p>5.444 The band 5 030-5 150 MHz is to be used for the operation of the international standard system (microwave landing system) for precision approach and landing. In the band 5 030-5 091 MHz, the requirements of this system shall take precedence over other uses of this band. For the use of the band 5 091-5 150 MHz, No. 5.444A and Resolution 114 (Rev.WRC-03) apply. (WRC-07)</p> <p>5.444A Additional allocation: the band 5091-5150 MHz also allocated to the fixed-satellite service on a primary basis, coordination under No. 9.11A (WRC-03) (Mod.)</p> <p>5.444B The use of the band 5 091-5 150 MHz by the aeronautical mobile service is limited to systems operating in the aeronautical mobile (R) service. Such use shall be in accordance with Resolution 748 (WRC-07); aeronautical telemetry transmissions from aircraft stations (see No. 1.82) in accordance with Resolution 418 (WRC-07); aeronautical security transmissions. Such use shall be in accordance with Resolution 419 (WRC-07). (WRC-07)</p>		<p>Mahutite taseme sondeerimisseadmed (TLPR)</p> <p>2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372</p> <p>Ultralairiba lähitoimeseadmed</p> <p>2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065</p> <p>Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)</p> <p>CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066</p>
<p>5150-5250 MHz AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE_(ES)</p> <p>5.447A Fixed-satellite service (ES) limited to feeder-links of non-geostationary-satellite systems in the mobile-satellite service, coordination under Res. 46 (WRC-97)/9.11A</p> <p>MOBILE except aeronautical mobile</p>	<p>LIIKUV SIDE</p>	<p>5150-5200 MHz Sagedusala on reserveeritud operatiivteenistuse uute tehnoloogiate kasutamiseks tulevikus</p>
<p>5.446A The use of the bands 5150-5350 MHz by the stations in the mobile service shall be in accordance with Res. 229 (WRC-03) (WRC-07)</p> <p>5.446B Stations in the mobile service shall not claim protection from earth stations in the fixed-satellite service. Number 5.43A does not apply to the mobile service with respect to FSS earth stations (WRC-03) (Add.)</p>	<p>LENNU-RAADIONAVIGATSIOON</p> <p>Lähitoimeseadmed</p>	<p>Lennuraadionavigatsioon</p> <p>5150-5350 MHz Lairiba andmeedastussüsteemid</p> <p>Ehitusmaterjalide analüüsiseadmed</p> <p>CEPT/ECC/DEC(04)08 2005/513/EÜ 2007/90/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 301 893</p> <p>2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498</p>

<p>5.446C Additional allocation: in Region 1 the band 5 150-5 250 MHz is also allocated to the aeronautical mobile service on a primary basis, limited to aeronautical telemetry transmissions from aircraft stations (see No. 1.83), in accordance with Resolution 418 (WRC-07). These stations shall not claim protection from other stations operating in accordance with Article 5. No. 5.43A does not apply. (WRC-07)</p> <p>5.447B Additional allocation: the band 5150-5216 MHz also allocated to the fixed satellite service (SE) on a primary basis, limited to feeder-links of non-geostationary-satellite systems in the mobile-satellite service, coordination under Res. 46 (WRC-97)/9.11A</p> <p>5.446 The band 5150-5216 MHz is also allocated to radietermination-satellite service (SE) on a secondary basis</p>		<p>Mahutite taseme sondeerimisseadmed (TLPR)</p> <p>Ultralairiba lähitoimeseadmed</p> <p>Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)</p>	<p>2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372</p> <p>2009/343/EC Nõuded vastavalt ESS § 20 lg 1 EN 302 065</p> <p>CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066</p>	
<p>5250-5255 MHz EARTH-EXPLORATION SATELLITE (active) RADIOLOCATION SPACE RESEARCH</p> <p>5.447D Space research services on a primary basis are limited to active spaceborne sensors, other space research services on a secondary basis MOBILE except aeronautical mobile</p>	RAADIOLOKATSIOON	<p>Riikliku kasutuse tüüp 2</p>		
<p>5.447F In the band 5250-5350 MHz, stations in the mobile service shall not claim protection from the radiolocation service, the Earth exploration-satellite service (active) and the space research service (active). Rec. ITU-R M.1638 and ITU-R SA.1632 (WRC-03) (Add.)</p>		<p>Lähitoimeseadmed</p> <p>5250-5350 MHz Lairiba andmeedastussüsteemid</p>	<p>CEPT/ECC/DEC(04)08 2005/513/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 301 893</p>	
		<p>Ehitusmaterjalide analüüsiseadmed</p>	<p>2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498</p>	
		<p>Mahutite taseme sondeerimisseadmed (TLPR)</p>	<p>2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372</p>	
		<p>Ultralairiba lähitoimeseadmed</p>	<p>2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065</p>	
<p>5.448A The Earth exploration-satellite (active) and space research (active) services in the frequency band 5250-5350 MHz shall not claim protection from the radiolocation service. Number 5.43A does not apply (WRC-03) (Mod.)</p> <p>5.446A The use of the bands 5150-5350 MHz by the stations in the mobile service shall be in accordance with Res. 229 (WRC-03) (WRC-07)</p>		<p>Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)</p>	<p>CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066</p>	
<p>5255-5350 MHz EARTH EXPLORATION- SATELLITE (active)</p>	RAADIOLOKATSIOON	<p>Riikliku kasutuse tüüp 2</p>		

<p>RADIOLOCATION</p> <p>SPACE RESEARCH (active)</p> <p>MOBILE except aeronautical mobile</p> <p>5.446A The use of the bands 5150-5350 MHz by the stations in the mobile service shall be in accordance with Res. 229 (WRC-03) (WRC-07)</p> <p>5.447F In the band 5250-5350 MHz, stations in the mobile service shall not claim protection from the radiolocation service, the Earth exploration-satellite service (active) and the space research service (active). Rec. ITU-R M.1638 and ITU-R SA.1632 (WRC-03) (Add.)</p> <p>5.448A The Earth exploration-satellite (active) and space research (active) services in the frequency band 5250-5350 MHz shall not claim protection from the radiolocation service. Number 5.43A does not apply (WRC-03) (Mod.)</p>		<p>Lähtoimeseadmed</p> <p>5255-5350 MHz Lairiba andmeedastussüsteemid</p> <p>Ehitusmaterjalide analüüs seadmed</p> <p>Mahutite taseme sondeerimisseadmed (TLPR)</p> <p>Ultralairiba lähtoimeseadmed</p> <p>Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)</p>	<p>CEPT/ECC/DEC(04)08 2005/513/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 301 893</p> <p>2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498</p> <p>2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372</p> <p>2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065</p> <p>CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066</p>
<p>5350-5460 MHz</p> <p>EARTH EXPLORATION-SATELLITE (active)</p> <p>SPACE RESEARCH (active)</p> <p>5.448C The space research service (active) operating in the band 5350-5460 MHz shall not cause harmful interference to nor claim protection from other services to which this band is allocated (WRC-03) (Add.)</p> <p>AERONAUTICAL RADIONAVIGATION</p> <p>5.449 Aeronautical radionavigation service is limited to airborne radars and associated airborne beacons</p> <p>RADIOLOCATION</p>	<p>LENNU-RAADIONAVIGATSIOON Raadiolokatsioon</p>	<p>Lennuraadionavigatsioon Riikliku kasutuse tüüp 2</p>	
<p>5.448D In the frequency band 5350-5470 MHz, stations in the radiolocation service shall not cause harmful interference to, nor claim protection from, radar systems in the aeronautical radionavigation service operating in accordance with No. 5.449 (WRC-03) (Add.)</p>	<p>Lähtoimeseadmed</p>	<p>Ehitusmaterjalide analüüs seadmed</p>	<p>2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498</p>

	Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372	
5.448B Earth exploration-satellite service (active) in the band 5350-5570 MHz shall not cause harmful interference to the aeronautical radionavigation service in the band 5350-5460 MHz (WRC-03) (Mod.)	Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065	
	Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)	CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066	
5460-5470 MHz RADIONAVIGATION 5.449 Aeronautical radionavigation service is limited to airborne radars and associated airborne beacons EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) RADIOLOCATION 5.448D In the frequency band 5350-5470 MHz, stations in the radiolocation service shall not cause harmful interference to, nor claim protection from, radar systems in the aeronautical radionavigation service operating in accordance with No. 5.449 (WRC-03) (Add.) 5.448B Earth exploration-satellite service (active) in the band 5350-5570 MHz and space research service (active) in the band 5460-5570 MHz shall not cause harmful interference to the radionavigation service in the band 5460-5470 MHz (WRC-03) (Mod.)	RAADIONAVIGATSIOON RAADIOLOKATSIOON Lähiotimeseadmed	Riikliku kasutuse tüüp 2 Ehitusmaterjalide analüüs seadmed Mahutite taseme sondeerimisseadmed (TLPR) Ultralairiba lähiotimeseadmed Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498 2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372 2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065 CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066
5470-5570 MHz MARITIME RADIONAVIGATION MOBILE except aeronautical mobile	MERE- RAADIONAVIGATSIOON RAADIOLOKATSIOON	Riikliku kasutuse tüüp 2	

<p>5.446A The use of the bands 5470-5725 MHz by the stations in the mobile service shall be in accordance with Res. 229 (WRC-03) (WRC-07)</p> <p>5.450A In the band 5470-5725 MHz, stations in the mobile service shall not claim protection from radiodetermination services. Radiodetermination services shall not impose on the mobile service more stringent protection criteria, based on system characteristics and interference criteria, than those stated in Rec. ITU-R M.1638 (WRC-03) (Add.)</p> <p>EARTH EXPLORATION-SATELLITE (active)</p> <p>SPACE RESEARCH (active)</p> <p>RADIOLOCATION</p> <p>5.450B In the frequency band 5470-5650 MHz, stations in the radiolocation service, except ground-based radars used for meteorological purposes in the band 5600-5650 MHz, shall not cause harmful interference to, nor claim protection from, radar systems in the maritime radionavigation service (WRC-03) (Add.)</p> <p>5.448B Earth exploration-satellite service (active) in the band 5350-5570 MHz shall not cause harmful interference to the maritime radionavigation service in the band 5470-5570 MHz (WRC-03) (Mod.)</p> <p>5.452 In the band 5600-5650 MHz ground-based radars for meteorological purposes are authorised on a basis of equality with stations of the maritime radionavigation service</p>	<p>Lähiotimeseadmed</p> <p>Ehitusmaterjalide analüüs seadmed</p> <p>Mahutite taseme sondeerimisseadmed (TLPR)</p> <p>Ultralairiba lähiotimeseadmed</p> <p>Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)</p>	5470-5725 MHz Lairiba andmeedastussüsteemid	CEPT/ECC/DEC(04)08 2005/513/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 301 893
		Ehitusmaterjalide analüüs seadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435; EN 302 065 EN 302 498
		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
		Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)	CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066
<p>5570-5650 MHz</p> <p>MARITIME RADIONAVIGATION</p> <p>MOBILE except aeronautical mobile</p> <p>5.446A The use of the bands 5470-5725 MHz by the stations in the mobile service shall be in accordance with Res. 229 (WRC-03) (WRC-07)</p>	<p>MERE-RAADIONAVIGATSIOON RAADIOLOKATSIOON</p> <p>Lähiotimeseadmed</p>	<p>Riikliku kasutuse tüüp 2</p> <p>5470-5725 MHz Lairiba andmeedastussüsteemid</p>	<p>CEPT/ECC/DEC(04)08 2005/513/EÜ Nõuded vastavalt ESS § 20 lg 1</p>

<p>5.450A In the band 5470-5725 MHz, stations in the mobile service shall not claim protection from radiodetermination services. Radiodetermination services shall not impose on the mobile service more stringent protection criteria, based on system characteristics and interference criteria, than those stated in Rec. ITU-R M.1638 (WRC-03) (Add.)</p> <p>RADIOLOCATION</p> <p>5.450B In the frequency band 5470-5650 MHz, stations in the radiolocation service, except ground-based radars used for meteorological purposes in the band 5600-5650 MHz, shall not cause harmful interference to, nor claim protection from, radar systems in the maritime radionavigation service (WRC-03) (Add.)</p> <p>5.452 In the band 5600-5650 MHz ground-based radars for meteorological purposes are authorised on a basis of equality with stations of the maritime radionavigation service</p>		<p>Ehitusmaterjalide analüüs seadmed</p> <p>Mahutite taseme sondeerimisseadmed (TLPR)</p> <p>Ultralairiba lähitoimeseadmed</p> <p>Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)</p>	<p>EN 301 893</p> <p>2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498</p> <p>2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372</p> <p>2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065</p> <p>CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066</p>
<p>5650-5725 MHz</p> <p>RADIOLOCATION</p> <p>MOBILE except aeronautical mobile</p>	<p>RAADIOLOKATSIOON</p>	<p>Riikliku kasutuse tüüp 2</p>	
<p>5.446A The use of the bands 5470-5725 MHz by the stations in the mobile service shall be in accordance with Res. 229 (WRC-03) (WRC-07)</p>	<p>Amatöör-raadioside</p>		<p>Nõuded vastavalt ESS § 24 EN 301 783</p>
<p>5.450A In the band 5470-5725 MHz, stations in the mobile service shall not claim protection from radiodetermination services. Radiodetermination services shall not impose on the mobile service more stringent protection criteria, based on system characteristics and interference criteria, than those stated in Rec.</p>	<p>Amatöör-kosmoseside</p>	<p>5650-5670 MHz</p>	
<p>ITU-R M.1638 (WRC-03) (Add.)</p> <p>Amateur</p> <p>Space Research (deep space)</p>	<p>Lähitoimeseadmed</p>	<p>5470-5725 MHz</p> <p>Lairiba andmeedastussüsteemid</p>	<p>CEPT/ECC/DEC(04)08 2005/513/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 301 893</p>

5.282 In the band 5650-5670 MHz amateur-satellite service not causing harmful interference to other services 5.454 Different category of service: in the Russian Federation the band 5670-5725 MHz is also allocated to the space research service on a primary basis (WRC-07) (Mod.)	Ehitusmaterjalide analüüs seadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
	Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
	Ultralairiba lähitoimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
	Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)	CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066
5725-5830 MHz FIXED SATELLITE (ES) RADIOLOCATION Amateur 5.150 5725-5875 MHz (centre frequency 5800 MHz) for ISM applications 5.455 Additional allocation: in Russia and Latvia the band 5670-5850 MHz is also allocated to the fixed service on a primary basis (WRC-07)	PAIKNE KOSMOSESIDE (ES) <u>RAADIOLOKATSIOON</u>	Riikliku kasutuse tüüp 2
	Amatöör-raadioside	Nõuded vastavalt ESS § 24 EN 301 783
	Lähitoimeseadmed	5725-5875 MHz Mittespetsiifilised lähitoimeseadmed
		Nõuded vastavalt ESS § 20 lg 1 EN 300 440
		5795-5805 MHz Maanteesidesüsteemi seadmed
		CEPT/ECC/DEC(02)01 Nõuded vastavalt ESS § 20 lg 1 EN 300 674
		5805-5815 MHz Maanteesidesüsteemi seadmed
	CEPT/ECC/DEC(02)01 CEPT/ERC/REC 70-03 (Annex 5) EN 300 674	
	Ehitusmaterjalide analüüs seadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
	Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372

		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
		Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)	CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066
	TTM aparatuur	5725-5875 MHz (kesksagedus 5800 MHz)	
5830-5850 MHz FIXED SATELLITE (ES) RADIOLOCATION Amateur Amateur-satellite (SE)	PAIKNE KOSMOSESIDER (ES) RAADIOLOKATSIOON	Riikliku kasutuse tüüp 2	
5.455 Additional allocation: in Russia and Latvia the band 5670-5850 MHz is also allocated to the fixed service on a primary basis (WRC-07) 5.150 5725-5875 MHz (centre frequency 5800 MHz) for ISM applications	Amatöör-raadioside Amatöör-kosmoseside		Nõuded vastavalt ESS § 24 EN 301 783
	Lähiotimeseadmed	5725-5875 MHz Mittespetsiifilised lähiotimeseadmed	CEPT/ERC/REC 70-03 (Annex 1) 2006/771/EÜ 2008/432/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 300 440
		Ehitusmaterjalide analüüsiseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
		Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)	CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066
	TTM aparatuur	5725-5875 MHz (kesksagedus 5800 MHz)	
5850-5925 MHz FIXED	PAIKNE SIDE PAIKNE KOSMOSESIDER (ES)		

FIXED SATELLITE (ES) MOBILE 5.150 5725-5875 MHz (centre frequency 5800 MHz) for ISM applications	Lähiotimeseadmed	5725-5875 MHz Mittespetsiifilised lähiotimeseadmed	CEPT/ERC/DEC(01)06 2008/432/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 300 440
		Ehitusmaterjalide analüüsi seadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
		5855-5875 MHz Intelligentsed transpordisüsteemid	CEPT/ECC/REC(08)01 Nõuded vastavalt ESS § 20 lg 1 EN 300 440; EN 302 571
		5875-5905 MHz Intelligentsed transpordisüsteemid	CEPT/ECC/DEC(08)01 2008/671/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 300 440; EN 302 571
		Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)	CEPT/ECC/DEC(06)08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066
5925-6700 MHz FIXED FIXED SATELLITE (ES) 5.457A In the band 5925-6425 MHz, earth stations on board vessels may communicate with space stations of the fixed-satellite service. Such use shall be in accordance with Res. 902 (WRC-03) (Add.) MOBILE 5.149 Assignment to other services shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference in the band 6650-6675.2 MHz	PAIKNE SIDE	5925-6425 MHz	CEPT/ERC/REC 14-01 – kanalijaotus EN 302 217
		6425-6700 MHz	CEPT/ERC/REC 14-02 - kanalijaotus EN 302 217
	PAIKNE KOSMOSESIDE (ES)	Maajaamat	
		5925-6425 MHz ESV terminalid (suunal Maa-kosmos)	CEPT/ECC/DEC(05)09 Nõuded vastavalt ESS § 20 lg 1 EN 301 447

		Lähiotimeseadmed	Ehitusmaterjalide analüüs seadmed Mahutite taseme sondeerimisseadmed (TLPR)	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498 2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
5.440 Standard frequency and time signal-satellite service may use 6427 MHz(± 2 MHz) (SE)			Ultralairiba lähiotimeseadmed 5925-6000 MHz Pinnase sondeerimisradar, seina sondeerimisradar (GPR, WPR)	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065 CEPT/ECC/DEC (06) 08 Nõuded vastavalt ESS § 20 lg 1 EN 302 066
5.458 In the 6425-7075 MHz passive microwave sensor measurements are carried out over the oceans		PAIKNE SIDE		CEPT/ERC/REC 14-02- kanalijaotus EN 302 217
6700-7075 MHz FIXED FIXED SATELLITE (ES) (SE) 5.441 Use in the band 6725-7025 MHz by fixed-satellite service shall be in accordance with App. 30B (Mod.) MOBILE 5.458 In the 6425-7075 MHz passive microwave sensor measurements are carried out over the oceans 5.458A Spectral line observations of the radio astronomy service in the band 6650-6675.2 MHz shall be protected from harmful interference 5.458B Space-to-earth allocation to the fixed-satellite service is limited to feeder-links for non-geostationary satellite systems of the mobile-satellite service, coordination under Res. 46 (WRC-97)/9.11A 5.458C While making submissions in the band 7025-7075 MHz for geostationary-satellite systems in the fixed-satellite service	PAIKNE KOSMOSESIDE (ES) (SE)			
	Lähiotimeseadmed	Ehitusmaterjalide analüüs seadmed 6700-7000 MHz Mahutite taseme sondeerimisseadmed (TLPR)	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498 2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372	

administrations shall consult with those that have notified and brought into use non-geostationary systems		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
7075-7145 MHz FIXED MOBILE 5.458 In the band 7 075-7 250MHz, passive microwave sensor measurements are carried out over the oceans 5.459 Additional allocation: in Russia the bands 7100-7155 MHz and 7190-7235 MHz are also allocated to the space operation service (ES) on a primary basis	PAIKNE SIDE	7075 – 7125 MHz Paiksed raadioliinid	CEPT/ERC/REC 14-02 - kanalijaotus EN 302 217
		7125-7250 MHz Paiksed raadioliinid	ITU-R F.385 - kanalijaotus EN 302 217
	Lähiotimeseadmed	Ehitusmaterjalide analüüs seadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
7145-7235 MHz FIXED MOBILE SPACE RESEARCH (ES) 5.460 The use of the band 7145-7190 MHz by the space research service (ES) is restricted to deep space; no emissions to deep space shall be effected in the band 7190-7235 MHz. Geostationary satellites in the space research service operating in the band 7190-7235 MHz shall not claim protection from existing and future stations of the fixed and mobile services and No. 5.43A does not apply (WRC-03) (Mod.) 5.458 In the band 7075-7250MHz, passive microwave sensor measurements are carried out over the oceans 5.459 Additional allocation: in Russia the bands 7100-7155 MHz and 7190-7235 MHz are also allocated to the space operation service (ES) on a primary basis	PAIKNE SIDE	7125-7250 MHz Paiksed raadioliinid	ITU-R F.385 - kanalijaotus EN 302 217
		Lähiotimeseadmed	Ehitusmaterjalide analüüs seadmed
	Lähiotimeseadmed	Ehitusmaterjalide analüüs seadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
7235-7250 MHz FIXED MOBILE	PAIKNE SIDE	7125-7250 MHz Paiksed raadioliinid	ITU-R F.385 - kanalijaotus EN 302 217
	Lähiotimeseadmed	Ehitusmaterjalide analüüs seadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498

5.458 In the band 7075-7250MHz, passive microwave sensor measurements are carried out over the oceans		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
7250-7300 MHz FIXED FIXED SATELLITE (SE) MOBILE	LIIKUV KOSMOSESIDER (SE) PAIKNE KOSMOSESIDER (SE)	Riikliku kasutuse tüüp 2	
	Lähiotimeseadmed	Ehitusmaterjalide analüüsiseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
5.461 Additional allocation: also allocated to mobile-satellite service (SE) on a primary basis		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
7300-7450 MHz FIXED FIXED SATELLITE (SE) MOBILE except aeronautical mobile	PAIKNE SIDE	Paiksed raadioliinid	ITU-R F.385 - kanalijaotus EN 302 217
	PAIKNE KOSMOSESIDER (SE)		
	Lähiotimeseadmed	Ehitusmaterjalide analüüsiseadmed	2009/343/EC Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
5.461 Additional allocation: the band 7250-7375 MHZ also allocated to mobile-satellite service (SE) on a primary basis		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
7450-7550 MHz FIXED FIXED SATELLITE (SE) METEOROLOGICAL SATELLITE (SE) MOBILE except aeronautical mobile	PAIKNE SIDE	Paiksed raadioliinid	ITU-R F.385 - kanalijaotus EN 302 217
	PAIKNE KOSMOSESIDER (SE)		
	Lähiotimeseadmed	Ehitusmaterjalide analüüsiseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
5.461A Meteorological satellite service (SE) is limited to geostationary systems		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
7550-7750 MHz FIXED FIXED SATELLITE (SE) MOBILE except aeronautical mobile	PAIKNE SIDE	7125-7725 MHz 7725-8275 MHz Paiksed raadioliinid	ITU-R F.385 ITU-R F.386 (Annex 1) - kanalijaotus EN 302 217
	PAIKNE KOSMOSESIDER (SE)		

		LIIKUV SIDE kuni 01.01.2010	TV liikuvad ülekandejaamad	Kehtivatel tehnilistel tingimustel kuni 01.01.2010
		Lähiotimeseadmed	Ehitusmaterjalide analüüsiseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
			Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
7750-7850 MHz FIXED METEOROLOGICAL-SATELLITE (SE) MOBILE except aeronautical mobile 5.461B Meteorological-satellite service (SE) is limited to non-geostationary systems		PAIKNE SIDE	Paiksed raadioliinid	ITU-R F.386 (Annex 1) - kanalijaotus EN 302 217
			Ehitusmaterjalide analüüsiseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
			Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
7850-7900 MHz FIXED MOBILE except aeronautical mobile		PAIKNE SIDE	Paiksed raadioliinid	ITU-R F.386 (Annex 1) - kanalijaotus
			Ehitusmaterjalide analüüsiseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
			Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
7900-8025 MHz FIXED FIXED SATELLITE (ES) MOBILE 5.461 Additional allocation: also allocated to mobile-satellite service (ES) on a primary basis		PAIKNE SIDE	7900-7975 MHz Paiksed raadioliinid	ITU-R F.386 (Annex 1) - kanalijaotus EN 302 217
			PAIKNE KOSMOSESIDE (ES)	7975-8025 MHz Riikliku kasutuse tüüp 2
		Lähiotimeseadmed	Ehitusmaterjalide analüüsiseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498

		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
8025-8175 MHz EARTH EXPLORATION-SATELLITE (SE) FIXED FIXED SATELLITE (ES) MOBILE 5.462A Earth exploration-satellite service using geostationary satellites shall be subjects to study under Res.124 5.463 Aircraft stations are not permitted to transmit	PAIKNE SIDE	Paiksed raadioliinid	ITU-R F.386 (Annex 1) - kanalijaotus EN 302 217
	PAIKNE KOSMOSESIDE (ES)		
	Lähiotimeseadmed	Ehitusmaterjalide analüüs seadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
8175-8215 MHz EARTH EXPLORATION-SATELLITE (SE) FIXED FIXED SATELLITE (ES) METEOROLOGICAL SATELLITE (ES) MOBILE 5.462A Earth exploration-satellite service using geostationary satellites shall be subjects to study under Res.124 5.463 Aircraft stations are not permitted to transmit	PAIKNE SIDE	Paiksed raadioliinid	ITU-R F.386 (Annex 1) - EN 302 217
	PAIKNE KOSMOSESIDE (ES)		
	Lähiotimeseadmed	Ehitusmaterjalide analüüs seadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
8215-8400 MHz Earth Exploration-Satellite (SE) FIXED FIXED SATELLITE (ES) MOBILE	PAIKNE SIDE	7725- 8275 MHz 8275 – 8500 MHz Paiksed raadioliinid Riikliku kasutuse tüüp 2	ITU-R F.386 (Annex 1) ITU-R F.386 (Annex 3) - EN 302 217
	PAIKNE KOSMOSESIDE (ES)		

5.462A Earth exploration-satellite service using geostationary satellites shall be subjects to study under Res.124	Lähiotimeseadmed	Ehitusmaterjalide analüüs seadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
8400-8500 MHz FIXED MOBILE except aeronautical mobile SPACE RESEARCH (SE) 5.465 Space research in the band 8400-8450 MHz is limited to deep space	PAIKNE SIDE	Riikliku kasutuse tüüp 2 Paiksed raadioliinid	ITU-R F.386 (Annex 3) - kanalijaotus EN 302 217
		Lähiotimeseadmed	Ehitusmaterjalide analüüs seadmed
		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 435 EN 302 498
8500-8550 MHz RADIOLOCATION 5.469 Additional allocation: in Russia also allocated to the land mobile and radionavigation services on a primary basis (Mod.)	RAADIOLOKATSIOON		
		Lähiotimeseadmed	Ultralairiba lähiotimeseadmed
			2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
8550-8650 MHz EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) 5.469 Additional allocation: in Russia also allocated to the land mobile and radionavigation services on a primary basis (Mod.) 5.469A Stations in the earth exploration-satellite (SE) and space research (active) service shall not cause interference to the stations in the radiolocation service	RAADIOLOKATSIOON	Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
		Lähiotimeseadmed	Ultralairiba lähiotimeseadmed
			2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065

		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
8650-8750 MHz RADIOLOCATION 5.469 Additional allocation: in Russia also allocated to the land mobile and radionavigation services on a primary basis	RAADIOLOKATSIOON Lähiotimeseadmed	Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
		Doppleri efektil põhinevad radarid (tuulenihke suuna ja kiiruse mõõteradarid)	
8750-8850 MHz AERONAUTICAL RADIONAVIGATION RADIOLOCATION 5.470 Aeronautical radionavitation is limited to airborne Doppler navigation aids on a centre frequency of 8800 MHz	RAADIOLOKATSIOON LENNU- RAADIONAVIGATSIOON	Riikliku kasutuse tüüp 2	
		Lähiotimeseadmed	Ultralairiba lähiotimeseadmed 2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
			Mahutite taseme sondeerimisseadmed (TLPR) 2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
	RAADIOLOKATSIOON MERE- RAADIONAVIGATSIOON	Riikliku kasutuse tüüp 2	
		Lähiotimeseadmed	Ultralairiba lähiotimeseadmed 2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
			Mahutite taseme sondeerimisseadmed (TLPR) 2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
8850-9000 MHz RADIOLOCATION MARITIME RADIONAVIGATION 5.472 Maritime radionavigation is limited to shore-based radars 5.473 Additional allocation: in Russia also allocated to the radionavigation on a primary basis (WRC-07)	LENNU- RAADIONAVIGATSIOON Raadiolokatsioon	Riikliku kasutuse tüüp 2	
9000-9200 MHz AERONAUTICAL RADIONAVIGATION Radiolocation			

5.337 Aeronautical radionavigation is restricted to ground-based radars and associated airborne transponders 5.473A In the band 9 000-9 200 MHz, stations operating in the radiolocation service shall not cause harmful interference to, nor claim protection from, systems identified in No. 5.337 operating in the aeronautical radionavigation service, or radar systems in the maritime radionavigation service operating in this band on a primary basis in the countries listed in No. 5.471. (WRC-07)	Lähiotimeseadmed	Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
9200-9300 MHz RADIOLOCATION MARITIME RADIONAVIGATION 5.472 Maritime radionavigation in the band 9200-9225 MHz is limited to shore-based radars 5.473 Additional allocation: in Russia also allocated to the radionavigation on a primary basis (WRC-07) 5.474 SART may be used, having due regard to the appropriate ITU-R Recommendation	RAADIOLOKATSIOON MERE-RAADIONAVIGATSIOON Lähiotimeseadmed	Täppislähenedemisradarid	
		SART Riikliku kasutuse tüüp 2	
		9200 - 9500 MHz Liikumisandurid ja valveseadmed	CEPT/ERC/REC 70-03 (Annex 6) Nõuded vastavalt ESS § 20 lg 1 EN 300 440
		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
		Ultralairiba lähiotimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
9300-9500 MHz RADIONAVIGATION 5.476 In the band 9300-9320 MHz in the radionavigation service the use of shipborne radars, other than those existing on 01.01.1976, is not permitted until 01.01.2001 Radiolocation 5.427 Response from radar transponders shall not be confused with response from radar beacons and cause interference to ship or aeronautical radars in the radionavigation service 5.475 Aeronautical radionavigation service is limited to airborne weather radars and ground-based radars, in the band 9300-9320 MHz ground-based radar beacons are permitted which do not cause harmful interference to the maritime radionavigation service	RAADIONAVIGATSIOON Raadiolokatsioon	Täppislähenedemisradarid	EN 302 248
		SART	
		Riikliku kasutuse tüüp 2	
	Lähiotimeseadmed	9200 - 9500 MHz Liikumisandurid ja valveseadmed	CEPT/ERC/REC 70-03 (Annex 6) Nõuded vastavalt ESS § 20 lg 1 EN 300 440

<p>5.474 SART may be used, having due regard to the appropriate ITU-R Recommendation</p> <p>5.475A The use of the band 9 300-9 500 MHz by the Earth exploration-satellite service (active) and the space research service (active) is limited to systems requiring necessary bandwidth greater than 300 MHz that cannot be fully accommodated within the 9 500-9 800 MHz band. (WRC-07)</p> <p>5.476A In the band 9 300-9 800 MHz, stations in the Earth exploration-satellite service (active) and space research service (active) shall not cause harmful interference to, nor claim protection from, stations of the radionavigation and radiolocation services. (WRC-07)</p>		<p>Mahutite taseme sondeerimisseadmed (TLPR)</p> <p>Ultralairiba lähitoimeseadmed</p>	<p>2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372</p> <p>2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065</p>
<p>9500-9800 MHz</p> <p>EARTH EXPLORATION-SATELLITE (active)</p> <p>RADIOLOCATION</p> <p>RADIONAVIGATION</p> <p>SPACE RESEARCH (active)</p> <p>5.476A In the band 9 300-9 800 MHz, stations in the Earth exploration-satellite service (active) and space research service (active) shall not cause harmful interference to, nor claim protection from, stations of the radionavigation and radiolocation services. (WRC-07)</p>	<p>RAADIOLOKATSIOON</p> <p>RAADIONAVIGATSIOON</p> <p>Lähitoimeseadmed</p>	<p>Riikliku kasutuse tüüp 2</p> <p>9500 - 9975 MHz Liikumisandurid ja valveseadmed</p> <p>Mahutite taseme sondeerimisseadmed (TLPR)</p> <p>Ultralairiba lähitoimeseadmed</p>	<p>CEPT/ERC/REC 70-03 (Annex 6) Nõuded vastavalt ESS § 20 lg 1 EN 300 440</p> <p>2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372</p> <p>2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065</p>
<p>9800-10000 MHz</p> <p>RADIOLOCATION</p> <p>Fixed</p> <p>5.479 The band 9975-10025 MHz also allocated to the meteorological-satellite service on a secondary basis for use by weather radars</p>	<p>RAADIOLOKATSIOON</p> <p>Lähitoimeseadmed</p>	<p>Riikliku kasutuse tüüp 2</p> <p>9500 - 9975 MHz Liikumisandurid ja valveseadmed</p> <p>Mahutite taseme sondeerimisseadmed (TLPR)</p> <p>Ultralairiba lähitoimeseadmed</p>	<p>CEPT/ERC/REC 70-03 (Annex 6) Nõuded vastavalt ESS § 20 lg 1 EN 300 440</p> <p>2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372</p> <p>2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065</p>
<p>10-10.45 GHz</p> <p>FIXED</p> <p>MOBILE</p> <p>RADIOLOCATION</p>	<p>RAADIOLOKATSIOON</p> <p>Amatöör-raadioside</p> <p>PAIKNE SIDE</p>	<p></p> <p></p> <p>10,15-10,30 GHz</p>	<p>Nõuded vastavalt ESS § 24 EN 301 783</p> <p>CEPT/ERC/REC 12-05 -</p>

Amateur		Paiksed raadioliinid Du Rx (+350 MHz) 10,15-10,30 GHz Juurdepääsu raadiovõrgud Du Rx (+350 MHz)	kanalijaotus EN 302 217 CEPT/ERC/REC 13-04 CEPT/ERC/REC 12-05 - kanalijaotus EN 301 753
5.479 The band 9975-10025 MHz also allocated to the meteorological-satellite service on a secondary basis for use by weather radars		10,410 GHz Si 10,30–10,45 GHz SAP/SAB lingid	CEPT/ERC/REC 25-10 EN 302 064
	Lähi-toimeseadmed	Mahutite taseme sondeerimisseadmed (TLPR) Ultralairiba lähi-toimeseadmed	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372 2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
10.45-10.5 GHz RADIOLOCATION	RAADIOLOKATSIOON		
Amateur	Amatöör-raadioside Amatöör-kosmoseside		Nõuded vastavalt ESS § 24 EN 301 783
Amateur-Satellite	Lähi-toimeseadmed	Mahutite taseme sondeerimisseadmed (TLPR) Ultralairiba lähi-toimeseadmed	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372 2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
10.5-10.55 GHz FIXED MOBILE Radiolocation	PAIKNE SIDE	10,50 - 10,65 GHz Paiksed raadioliinid Du Tx (-350 MHz) 10,50–10,65 GHz Juurdepääsu raadiovõrgud Du Tx (-350 MHz)	CEPT/ERC/REC 12-05 - kanalijaotus EN 302 217 CEPT/ERC/REC 13-04 CEPT/ERC/REC 12-05 - kanalijaotus EN 301 753
	Lähi-toimeseadmed	Mahutite taseme sondeerimisseadmed (TLPR) Ultralairiba lähi-toimeseadmed	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372 2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
10.55-10.6 GHz FIXED	PAIKNE SIDE	10,50 - 10,65 GHz Paiksed raadioliinid Du Tx	CEPT/ERC/REC 12-05 - kanalijaotus

MOBILE except aeronautical mobile Radiolocation		(-350 MHz) 10,50 - 10,65 GHz Juurdepääsu raadiovõrgud Du Tx (-350 MHz)	EN 302 217 CEPT/ERC/REC 13-04 CEPT/ERC/REC 12-05 - kanalijaotus EN 301 753
	Lähitoimeseadmed	Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
		Ultralairiba lähitoimeseadmed	2009/343/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 065
10.6-10.68 GHz EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) Radiolocation 5.149 Assignment to other services shall be made bearing in mind protection of the radio astronomy service from harmful interference	PAIKNE SIDE	10,50 - 10,65 GHz Paiksed radioliinid Du Tx (-350 MHz) 10,50 - 10,65 GHz Juurdepääsu raadiovõrgud Du Tx (-350 MHz)	CEPT/ERC/REC 12-05 - kanalijaotus EN 302 217 CEPT/ERC/REC 13-04 CEPT/ERC/REC 12-05 - kanalijaotus EN 301 753
5.482 In the band 10.6-10.68 GHz, the power delivered to the antenna of stations of the fixed and mobile, except aeronautical mobile, services shall not exceed -3 dBW. This limit may be exceeded, subject to agreement obtained under No. 9.21. (WRC-07) 5.482A For sharing of the band 10.6-10.68 GHz between the Earth exploration-satellite (passive) service and the fixed and mobile, except aeronautical mobile, services, Resolution 751 (WRC-07) applies. (WRC-07)	MAA-UURINGUTE KOSMOSESIDER (passiivne)		
	KOSMOSE-UURINGUD (passiivne)		
10.68-10.7 GHz EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) RADIO ASTRONOMY 5.340 All emissions prohibited (WRC-03) (Mod.)	KÕIK KIIRGUSED KEELATUD MAA-UURINGUTE KOSMOSESIDER (passiivne) KOSMOSE-UURINGUD (passiivne)		
10.7-11.7 GHz FIXED	PAIKNE SIDE		CEPT/ERC/REC 12-06 TU- R F.387 – kanalijaotus EN 302 217

FIXED-SATELLITE (SE) (ES)	PAIKNE	Maajaamat	CEPT/ERC/DEC (00)08
5.441 Use of the band 10.7-10.95 GHz (SE) by geostationary systems in the fixed-satellite service shall be in accordance with App. 30B, by non-geostationary systems with Res. 130	LIIKUV SIDE, v.a. liikuv lennuside	VSAT terminalid (suunal kosmos – Maa)	CEPT/ECC/DEC(06)02 CEPT/ECC/DEC(06)03 Nõuded vastavalt ESS § 20 lg 1 EN 301 428
5.484 Fixed-satellite service (ES) is limited to feeder links for broadcasting-satellite service MOBILE except aeronautical mobile		SNG (suunal kosmos – Maa)	Nõuded vastavalt ESS § 20 lg 1 EN 301 430
		Omnitrac terminalid (suunal kosmos – Maa)	CEPT/ERC/DEC(98)15 Nõuded vastavalt ESS § 20 lg 1 EN 301 427
		10,70-12,75 GHz (suunal kosmos – Maa) SIT terminalid	CEPT/ECC/DEC(06)02 CEPT/ECC/DEC(06)03 Nõuded vastavalt ESS § 20 lg 1 EN 301 459
		AES terminalid (suunal kosmos-Maa)	CEPT/ECC/DEC(05)11 Nõuded vastavalt ESS § 20 lg 1 EN 302 186
		ESV terminalid (suunal kosmos-Maa)	CEPT/ECC/DEC(05)10 Nõuded vastavalt ESS § 20 lg 1 EN 302 340
11.7-12.5 GHz	PAIKNE KOSMOSESIDE (SE)	Maajaamat	CEPT/ERC/DEC (00)08
FIXED BROADCASTING BROADCASTING-SATELLITE Mobile except aeronautical mobile	Liikuv side, v.a. liikuv lennuside	10,70 – 12,75 GHz SIT terminalid (suunal kosmos – Maa)	CEPT/ECC/DEC(06)02 CEPT/ECC/DEC(06)03 Nõuded vastavalt ESS § 20 lg 1 EN 301 459
5.487 Other services shall not cause harmful interference to or claim protection from broadcasting-satellite stations operating in accordance with App. 30 (WRC-03) (Mod.)			

<p>5.487A Additional allocation: also allocated to fixed-satellite service (SE) on a primary basis, limited to non-geostationary systems subject to application of the provisions of 9.12 for coordination with other non-geostationary-satellite systems. Non-geostationary-satellite systems in the fixed satellite service shall not claim protection from non-geostationary-satellite networks in the broadcasting satellite service. Unacceptable interference from non geostationary satellite systems in the fixed satellite service shall be eliminated (WRC-03) (Mod.)</p> <p>5.492 Assignments to BSS plan in App. 30 may also be used for transmission in FSS (SE)</p>	<p>RINGHÄÄLING (SATELLIIT)</p>	<p>Ringhäälting (satelliit) (perspektiivselt planeeritud)</p>	<p>RR App. 30</p>
<p>12.5-12.75 GHz</p> <p>FIXED-SATELLITE (SE) (ES)</p> <p>5.484A Fixed-satellite service is subject to application of the provisions of 9.12 for coordination with other non-geostationary satellite systems in the fixed satellite service</p>	<p>PAIKNE KOSMOSESIDES (SE) (ES)</p>	<p>Maajaamat VSAT terminalid (suunal kosmos – Maa) SNG (suunal kosmos – Maa) Omnitrac terminalid (suunal kosmos – Maa) 10,70-12,75 GHz SIT terminalid (suunal kosmos – Maa) AES terminalid (suunal kosmos-Maa) ESV terminalid (suunal kosmos-Maa)</p>	<p>CEPT/ECC/DEC(06)02 CEPT/ECC/DEC(06)03 Nõuded vastavalt ESS § 20 lg 1 EN 301 428 Nõuded vastavalt ESS § 20 lg 1 EN 301 430 CEPT/ERC/DEC(98)15 Nõuded vastavalt ESS § 20 lg 1 EN 301 427 CEPT/ECC/DEC(06)02 CEPT/ECC/DEC(06)03 Nõuded vastavalt ESS § 20 lg 1 EN 301 459 CEPT/ECC/DEC(05)11 Nõuded vastavalt ESS § 20 lg 1 EN 302 186 CEPT/ECC/DEC(05)10 Nõuded vastavalt ESS § 20 lg 1 EN 302 340</p>
<p>12.75-13.25 GHz</p> <p>FIXED</p> <p>FIXED-SATELLITE (ES)</p> <p>5.441 Use by geostationary systems in the fixed-satellite service shall be in accordance with App. 30B, by non-geostationary systems with Res. 130</p> <p>MOBILE</p>	<p>PAIKNE SIDE</p>	<p>Paiksed raadioliinid</p>	<p>CEPT/ERC/REC 12-02 - kanalijaotus EN 302 217</p>
		<p>PAIKNE KOSMOSESIDES (ES)</p>	

Space Research (deep space) (SE)			
13.25-13.4 GHz EARTH EXPLORATION-SATELLITE (active) AERONAUTICAL RADIONAVIGATION 5.497 Aeronautical radionavigation is limited to Doppler navigation aids SPACE RESEARCH (active) 5.498A Earth exploration-satellite (active) and space research (active) services shall not cause harmful interference to aeronautical radionavigation service	LENNU-RAADIONAVIGATSIOON		
13.4-13.75 GHz EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH Standard Frequency and Time Signal-Satellite (ES) 5.501A Space research service on a primary basis is limited to active space-borne sensors, other uses on a secondary basis 5.501B Earth exploration-satellite (active) and space research (active) services shall not cause harmful interference to the radiolocation service	RAADIOLOKATSIOON Lähiotimeseadmed	Riikliku kasutuse tüüp 2 13,4 - 14,0 GHz Liikumisandurid ja valveseadmed	CEPT/ERC/REC 70-03 (Annex 6) Nõuded vastavalt ESS § 20 lg 1 EN 300 440
13.75-14 GHz RADIOLOCATION FIXED-SATELLITE (ES) 5.484A Fixed-satellite service is subject to application of the provisions of 9.12 Standard Frequency and Time Signal-Satellite (ES) Space Research Earth exploration-satellite	RAADIOLOKATSIOON PAIKNE KOSMOSESIDE (ES)		

<p>5.502 An earth station of a geostationary fixed-satellite service network shall have a minimum antenna diameter of 1.2 m and an earth station of a non geostationary fixed-satellite service system shall have a minimum antenna diameter of 4.5 m. In addition, the e.i.r.p., averaged over one second, radiated by a station in the radiolocation or radionavigation services shall not exceed 59 dBW for elevation angles above 2° and 65 dBW at lower angles. For earth stations within the fixed-satellite service having an antenna diameter greater than or equal to 4.5 m, the e.i.r.p. of any emission should be at least 68 dBW and should not exceed 85 dBW (WRC-03) (Mod.)</p> <p>5.503 Existing geostationary space stations in space research service on an equal basis with stations in fixed-satellite service, new geostationary space stations in space research service will operate on a secondary basis (WRC-03) (Mod.)</p>	<p>Lähiotimeseadmed</p>	<p>13,4 - 14,0 GHz Liikumisandurid ja valveseadmed</p>	<p>CEPT/ERC/REC 70-03 (Annex 6) Nõuded vastavalt ESS § 20 lg 1 EN 300 440</p>
<p>14-14.25 GHz</p> <p>FIXED-SATELLITE (ES)</p>	<p>PAIKNE KOSMOSESIDE (ES)</p>	<p>Maajaamad</p>	
<p>5.484A Fixed-satellite service is subject to application of the provisions of 9.12</p> <p>5.457A In the band 14-14.5 GHz, earth stations on board vessels may communicate with space stations of the fixed-satellite service. Such use shall be in accordance with Res. 902 (WRC-03) (Add.)</p>	<p>Liikuv kosmoseside (ES)</p>	<p>14,00 – 14,50 GHz VSAT (suunal Maa – kosmos)</p>	<p>CEPT/ECC/DEC(06)02 CEPT/ECC/DEC(06)03 Nõuded vastavalt ESS § 20 lg 1 EN 301 428</p>
<p>RADIONAVIGATION</p> <p>5.504 Radionavigation service shall provide sufficient protection to space stations of the fixed-satellite service</p>		<p>14,00 – 14,50 GHz SNG (suunal Maa – kosmos)</p>	<p>CEPT/ERC/REC 13-03 Nõuded vastavalt ESS § 20 lg 1 EN 301 430</p>
<p>Mobile-Satellite (ES) except aeronautical mobile-satellite</p> <p>Mobile-satellite (ES)</p> <p>5.506A In the band 14-14.5 GHz, ship earth stations with an e.i.r.p. greater than 21 dBW shall operate under the same conditions as earth stations on board vessels, as provided in Res. 902 (WRC-03). This footnote shall not apply to ship earth stations for which the complete App. 4 information has been received by the Radiocommunication Bureau prior to 05.07.2003 (WRC-03) (Add.) Space research</p>	<p>Omnitrac terminalid (suunal Maa – kosmos)</p>	<p>CEPT/ERC/DEC(98)15 Nõuded vastavalt ESS § 20 lg 1 EN 301 427</p>	

5.504A In the band 14-14.5 GHz, aircraft earth stations in the secondary aeronautical mobile-satellite service may also communicate with space stations in the fixed-satellite service. The provisions of Nos. 5.29, 5.30 and 5.31 apply (WRC-03) (Add.)		14,00-14,50 GHz ESV terminalid (suunal Maa-kosmos)	CEPT/ECC/DEC(05)10 Nõuded vastavalt ESS § 20 lg 1 EN 302 340
14.25-14.3 GHz	RAADIONAVIGATSIOON		
FIXED-SATELLITE (ES)	PAIKNE KOSMOSESIDER (ES)	Maajaamad	
5.484A Fixed-satellite service is subject to application of the provisions of 9.12	Liikuv kosmoseside (ES)	14,00 – 14,50 GHz VSAT terminalid (suunal Maa – kosmos)	CEPT/ERC/DEC(03)04 CEPT/ERC/REC 13-03 Nõuded vastavalt ESS § 20 lg 1 EN 301 428
5.457A In the band 14-14.5 GHz, earth stations on board vessels may communicate with space stations of the fixed-satellite service. Such use shall be in accordance with Res. 902 (WRC-03) (Add.)		14,00-14,50 GHz SNG (suunal Maa – kosmos)	CEPT/ERC/REC 13-03 EN 301 430
RADIONAVIGATION		14,00-14,50 GHz AES terminalid (suunal Maa-kosmos)	CEPT/ECC/DEC(05)11 Nõuded vastavalt ESS § 20 lg 1 EN 302 186
5.504 Radionavigation service shall provide sufficient protection to space stations of the fixed-satellite service		14,00-14,50 GHz ESV terminalid (suunal Maa-kosmos)	CEPT/ECC/DEC(05)10 Nõuded vastavalt ESS § 20 lg 1 EN 302 340
5.506A In the band 14-14.5 GHz, ship earth stations with an e.i.r.p. greater than 21 dBW shall operate under the same conditions as earth stations on board vessels, as provided in Res. 902 (WRC-03). This footnote shall not apply to ship earth stations for which the complete App. 4 information has been received by the Radiocommunication Bureau prior to 05.07.2003 (WRC-03)	RAADIONAVIGATSIOON		
Space Research	PAIKNE KOSMOSESIDER (ES)	Maajaamad	
5.504A In the band 14-14.5 GHz, aircraft earth stations in the secondary aeronautical mobile-satellite service may also communicate with space stations in the fixed-satellite service. The provisions of Nos. 5.29, 5.30 and 5.31 apply (WRC-03) (Add.)	LIIKUV SIDE, v.a. liikuv lennuside	14,00 – 14,50 GHz VSAT terminalid (suunal Maa – kosmos)	CEPT/ERC/DEC(03)04 CEPT/ERC/REC 13-03 Nõuded vastavalt ESS § 20 lg 1 EN 301 428
Mobile-Satellite (ES)	Liikuv kosmoseside (ES)	14,00 – 14,50 GHz	CEPT/ERC/REC 13-03
14.3-14.4 GHz			
FIXED			
FIXED-SATELLITE (ES)			
5.484A Fixed-satellite service is subject to application of the provisions of 9.12			
5.457A In the band 14-14.5 GHz, earth stations on board vessels may communicate with space stations of the fixed-satellite service. Such use shall be in accordance with Res. 902 (WRC-03)			
MOBILE except aeronautical mobile			
Mobile-Satellite (ES)			

<p>5.506A In the band 14-14.5 GHz, ship earth stations with an e.i.r.p. greater than 21 dBW shall operate under the same conditions as earth stations on board vessels, as provided in Res. 902 (WRC-03). This footnote shall not apply to ship earth stations for which the complete App. 4 information has been received by the Radiocommunication Bureau prior to 05.07.2003 (WRC-03) (Add.)</p> <p>Radionavigation-Satellite</p> <p>5.504A In the band 14-14.5 GHz, aircraft earth stations in the secondary aeronautical mobile-satellite service may also communicate with space stations in the fixed-satellite service. The provisions of Nos. 5.29, 5.30 and 5.31 apply (WRC-03) (Add.)</p>		<p>SNG (suunal Maa – kosmos)</p> <p>14,00-14,50 GHz AES terminalid (suunal Maa-kosmos)</p> <p>14,00-14,50 GHz ESV terminalid (suunal Maa-kosmos)</p>	<p>Nõuded vastavalt ESS § 20 lg 1 EN 301 430</p> <p>CEPT/ECC/DEC(05)11 Nõuded vastavalt ESS § 20 lg 1 EN 302 186</p> <p>CEPT/ECC/DEC(05)10 Nõuded vastavalt ESS § 20 lg 1 EN 302 340</p>
<p>14.4-14.47 GHz</p> <p>FIXED</p> <p>FIXED-SATELLITE (ES)</p>	<p>PAIKNE KOSMOSESIDER (ES)</p>	<p>Maajaamat</p>	
<p>5.484A Fixed-satellite service is subject to application of the provisions of 9.12</p> <p>5.457A In the band 14-14.5 GHz, earth stations on board vessels may communicate with space stations of the fixed-satellite service. Such use shall be in accordance with Res. 902 (WRC-03) (Add.)</p>	<p>Liikuv kosmoseside</p>	<p>14,00 – 14,50 GHz VSAT terminalid (suunal Maa – kosmos)</p>	<p>CEPT/ERC/DEC(03)04 CEPT/ERC/REC 13-03 Nõuded vastavalt ESS § 20 lg 1 EN 301 428</p>
<p>MOBILE except aeronautical mobile</p> <p>Mobile-Satellite (ES)</p>	<p>Liikuv kosmoseside (ES), v.a. liikuv lennu-kosmoseside</p>	<p>14,00 – 14,50 GHz SNG (suunal Maa – kosmos)</p>	<p>CEPT/ERC/REC 13-03 Nõuded vastavalt ESS § 20 lg 1 EN 301 430</p>
<p>5.506A In the band 14-14.5 GHz, ship earth stations with an e.i.r.p. greater than 21 dBW shall operate under the same conditions as earth stations on board vessels, as provided in Res. 902 (WRC-03). This footnote shall not apply to ship earth stations for which the complete App. 4 information has been received by the Radiocommunication Bureau prior to 05.07.2003 (WRC-03) (Add.)</p>		<p>14,00 -14,50 GHz AES terminalid (suunal Maa-kosmos)</p>	<p>CEPT/ECC/DEC(05)11 Nõuded vastavalt ESS § 20 lg 1 EN 302 186</p>
<p>Space Research (SE)</p> <p>5.504A In the band 14-14.5 GHz, aircraft earth stations in the secondary aeronautical mobile-satellite service may also communicate with space stations in the fixed-satellite service. The provisions of Nos. 5.29, 5.30 and 5.31 apply (WRC-03) (Add.)</p>		<p>14,00-14,50 GHz ESV terminalid (suunal Maa-kosmos)</p>	<p>CEPT/ECC/DEC(05)10 Nõuded vastavalt ESS § 20 lg 1 EN 302 340</p>
<p>14.47-14.5 GHz</p> <p>FIXED</p>	<p>PAIKNE KOSMOSESIDER (ES)</p>	<p>14,00 – 14,50 GHz VSAT terminalid</p>	<p>CEPT/ERC/DEC(03)04 CEPT/ERC/REC 13-03</p>

FIXED-SATELLITE (ES) 5.484A Fixed-satellite service is subject to application of the provisions of 9.12	LIIKUV SIDE, v.a. liikuv lennuside	(suunal Maa – kosmos)	Nõuded vastavalt ESS § 20 lg 1 EN 301 428
5.457A In the band 14-14.5 GHz, earth stations on board vessels may communicate with space stations of the fixed-satellite service. Such use shall be in accordance with Res. 902 (WRC-03) (Add.)	Liikuv kosmoseside (ES)	14,00 – 14,50 GHz SNG (suunal Maa – kosmos)	CEPT/ERC/REC 13-03 EN 301 430
MOBILE except aeronautical mobile Mobile-Satellite (ES) 5.506A In the band 14-14.5 GHz, ship earth stations with an e.i.r.p. greater than 21 dBW shall operate under the same conditions as earth stations on board vessels, as provided in Res. 902 (WRC-03). This footnote shall not apply to ship earth stations for which the complete App. 4 information has been received by the Radiocommunication Bureau prior to 05.07.2003 (WRC-03) Radio Astronomy 5.149 Assignment to other services shall be made bearing in mind protection of the radio astronomy service from harmful interference		14,00 - 14,50 GHz AES terminalid (suunal Maa-kosmos)	CEPT/ECC/DEC(05)11 Nõuded vastavalt ESS § 20 lg 1 EN 302 186
5.504A In the band 14-14.5 GHz, aircraft earth stations in the secondary aeronautical mobile-satellite service may also communicate with space stations in the fixed-satellite service. The provisions of Nos. 5.29, 5.30 and 5.31 apply (WRC-03) (Add.)		14,00-14,50 GHz ESV terminalid (suunal Maa-kosmos)	CEPT/ECC/DEC(05)10 Nõuded vastavalt ESS § 20 lg 1 EN 302 340
14.5-14.8 GHz FIXED FIXED-SATELLITE (ES) 5.510 Fixed-satellite (ES) is limited to feeder links for broadcasting	PAIKNE SIDE	Paiksed raadioliinid	CEPT/ERC/REC 12-07 ITU-R F.636 – kanalijaotus EN 302 217
MOBILE Space Research	LIIKUV SIDE PAIKNE KOSMOSESIDE (ES)		
14.8-15.35 GHz FIXED MOBILE Space Research	PAIKNE SIDE LIIKUV SIDE	Paiksed raadioliinid 14,78275-14,80725 GHz 15,20275-15,22725 GHz Riikliku kasutuse tüüp 2 14,854-14,864 GHz Riikliku kasutuse tüüp 1	CEPT/ERC/REC 12-07 ITU-R F.636 – kanalijaotus EN 302 217 Nõuded vastavalt ESS § 21 lg 1

		14,914-14,921 GHz Riikliku kasutuse tüüp 1 15,274-15,284 GHz Riikliku kasutuse tüüp 1 15,334-15,341 GHz Riikliku kasutuse tüüp 1	
5.339 The band 15.20-15.35 GHz is also allocated to the space research (passive), earth exploration-satellite (passive) services on a secondary basis			
15.35-15.4 GHz EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 All emissions prohibited	KÕIK KIIRGUSED KEELATUD MAA-UURINGUTE KOSMOSESIDE (passiivne) KOSMOSE-UURINGUD (passiivne)		
15.4-15.43 GHz AERONAUTICAL RADIONAVIGATION 5.511D Systems in fixed-satellite service for which complete information for advanced publication was received before 21.11.1997 may operate, pfd limit on the Earth's surface is -146 dB (W/m ² /MHz)	LENNU- RAADIONAVIGATSIOON		
15.43-15.63 GHz FIXED-SATELLITE (ES) 5.511A The band is also allocated to the fixed-satellite service (SE) on a primary basis. Fixed-satellite service is limited to feeder links of non- geostationary systems in mobile-satellite service, coordinated under Res. 46 (WRC-97)/9.11A Minimum coordination distances shall be in accordance with ITU-R S.1341. The aggregate power flux-density radiated in the 15.35-15.4 GHz band shall not exceed -156 dB (W/m ²) in a 50 MHz bandwidth into any radio astronomy observatory site for more than 2% of the time AERONAUTICAL RADIONAVIGATION 5.511C Maximum e.i.r.p. and minimum coordination distance for protection of aeronautical radionavigation service shall be in accordance with Rec. ITU-R S.1340	LENNU- RAADIONAVIGATSIOON		
15.63-15.7 GHz AERONAUTICAL RADIONAVIGATION	LENNU- RAADIONAVIGATSIOON		

5.511D Systems in fixed-satellite service for which complete information for advanced publication was received before 21.11.1997 may operate, pfd limit on Earth's surface is -146 dB (W/m ² /MHz), in band 15.63-15.65 GHz shall not cause harmful interference to aeronautical radionavigation service			
15.7-16.6 GHz RADIOLOCATION 5.512 Additional allocation: in Finland also allocated to the fixed and mobile services on a primary basis (WRC-07)	RAADIOLOKATSIOON	Riikliku kasutuse tüüp 2	
16.6-17.1 GHz RADIOLOCATION Space Research (deep space) (ES) 5.512 Additional allocation: in Finland also allocated to the fixed and mobile services on a primary basis (WRC-07)	RAADIOLOKATSIOON	Riikliku kasutuse tüüp 2	
17.1-17.2 GHz RADIOLOCATION 5.512 Additional allocation: in Finland also allocated to the fixed and mobile services on a primary basis (WRC-07)	RAADIOLOKATSIOON Lähiotimeseadmed	Riikliku kasutuse tüüp 2 17,1 – 17,3 GHz Lairiba andmeedastussüsteemid	CEPT/ERC/REC 70-03 (Annex3) Nõuded vastavalt ESS § 20 lg 1
		Raadiotuvastuse seadmed	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 300 440
17.2-17.3 GHz Earth Exploration-Satellite (active) RADIOLOCATION Space Research (active) 5.512 Additional allocation: in Finland also allocated to the fixed and mobile services on a primary basis (WRC-07) 5.513A Spaceborne active sensors shall not cause harmful interference to the radiolocation and other services allocated on a primary basis	RAADIOLOKATSIOON Lähiotimeseadmed		
		17,1 – 17,3 GHz Lairiba andmeedastussüsteemid	CEPT/ERC/REC 70-03 (Annex3) Nõuded vastavalt ESS § 20 lg 1
		Raadiotuvastuse seadmed	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 300 440
17.3-17.7 GHz FIXED-SATELLITE (ES) (SE)	PAIKNE KOSMOSESIDE (SE)	Maajaamat HDFSS	CEPT/ECC/DEC(05)08

<p>5.516 Fixed-satellite service use by geostationary-satellite systems is limited to feeder links for the broadcasting-satellite service. Use of the bands 17,3-18,1 MHz for non-geostationary-satellite systems is subject to application of the 9.12 for coordination with other non-geostationary-satellite systems. Non-geostationary-satellite systems shall be operated in a way that any unacceptable interference shall be rapidly eliminated</p> <p>5.516A In the band 17.3-17.7 GHz, earth stations of the fixed-satellite service (SE) shall not claim protection from the broadcasting-satellite service feeder-link earth stations operating under App. 30A, nor put any limitations or restrictions on the locations of the broadcasting-satellite service feeder-link earth stations anywhere within the service area of the feeder link (WRC-03) (Add.)</p> <p>5.516B The the band 17.3-17.7 GHz is identified for use by high-density applications in the fixed-satellite service (HDFSS). Res. 143 (WRC-03) (Add.)</p> <p>Radiolocation</p> <p>5.514 Additional allocation: in Finland also allocated to fixed and mobile services on a secondary basis (WRC-03) (Mod.)</p>			
<p>17.7-18.1 GHz</p> <p>FIXED</p> <p>FIXED-SATELLITE (SE) (ES)</p> <p>5.516 Fixed-satellite (ES) service use by geostationary-satellite systems is limited to feeder links for the broadcasting-satellite service. Use of the bands 17,3-18,1 MHz for non-geostationary-satellite systems is subject to application of the 9.12 for coordination with other non-geostationary-satellite systems. Non-geostationary-satellite systems shall be operated in a way that any</p> <p>5.484A Fixed-satellite (SE) service is subject to application of the provisions of 9.12 for coordination with other non-geostationary satellite systems</p> <p>MOBILE</p>	<p>PAIKNE SIDE</p>	<p>Paiksed raadioliinid</p>	<p>CEPT/ERC/REC 12-03 - kanalijaotus EN 302 217</p>
	<p>PAIKNE KOSMOSESIDE (SE) (ES)</p>		<p>CEPT/ERC/DEC(00)07</p>
<p>18.1-18.4 GHz</p> <p>FIXED</p> <p>FIXED-SATELLITE (SE) (ES)</p> <p>5.484A Fixed-satellite (SE) service is subject to application of the provisions of 9.12 for coordination with other non-geostationary satellite services</p>	<p>PAIKNE SIDE</p>	<p>Paiksed raadioliinid</p>	<p>CEPT/ERC/REC 12-03 - kanalijaotus EN 302 217</p>

5.520 Fixed-satellite (ES) service is limited to feeder links for the geostationary-satellite systems in the broadcasting-satellite service			
MOBILE			
5.519 Additional allocation: band 18.1-18.3 GHz also allocated to the meteorological-satellite service (SE) on a primary basis	PAIKNE KOSMOSESIDE (SE) (ES)		CEPT/ERC/DEC(00)07
18.4-18.6 GHz	PAIKNE SIDE	Paiksed raadioliinid	CEPT/ERC/REC 12-03 - kanalijaotus EN 302 217
FIXED			
FIXED-SATELLITE (SE)	PAIKNE KOSMOSESIDE (SE)		CEPT/ERC/DEC(00)07
5.484A Fixed-satellite service is subject to application of the provisions of 9.12			
MOBILE			
18.6-18.8 GHz	PAIKNE SIDE		CEPT/ERC/REC 12-03 - kanalijaotus EN 301 753; EN 302 217
FIXED			
FIXED-SATELLITE (SE)	PAIKNE KOSMOSESIDE (SE)		CEPT/ERC/DEC(00)07
5.222B The use of the band is limited to geostationary systems and systems with an orbit apogee greater than 20 000 km	LIIKUV SIDE, v.a. liikuv lennuside		
MOBILE except aeronautical mobile	MAA-UURINGUTE KOSMOSESIDE (passiivne) Kosmose-uuringud (passiivne)		
EARTH EXPLORATION-SATELLITE (passive)			
Space Research (passive)			
5.522A The emissions of the fixed service and the fixed satellite service in the band are limited to: the power of each RF carrier frequency delivered to the input of each antenna of a station in the fixed service shall not exceed –3 dBW (21.5A). The power flux-density across the 200 MHz band produced at the surface of the Earth by emissions from a space station under assumed free-space propagation conditions shall not exceed –95 dB (W/m ²), except the less than 5% of time, when the limit may be exceeded up to 3 dB <i>(21.16.2)</i>			
18.8-19.3 GHz	PAIKNE SIDE		CEPT/ERC/REC 12-03 - kanalijaotus
FIXED			
FIXED-SATELLITE (SE)			EN 301 753; EN 302 217
MOBILE			
5.523A Fixed-satellite service networks are subject to Res. 46 (WRC-97)/9.11A, non-geostationary satellite networks shall not cause un-acceptable interference to geostationary fixed-satellite service	PAIKNE KOSMOSESIDE (SE)		CEPT/ERC/DEC(00)07
19.3-19.7 GHz	PAIKNE SIDE		CEPT/ERC/REC 12-03 - kanalijaotus

<p>FIXED</p> <p>FIXED-SATELLITE (SE) (ES)</p> <p>5.523B Fixed-satellite service in band 19.3-19.6 GHz is limited to feeder links for non-geostationary satellite orbit systems in the mobile-satellite service</p> <p>5.523C Coordination in band 19.3-19.6 GHz between feeder links of non-geostationary mobile-satellite and fixed-satellite services is subject to No. 22.2</p> <p>5.523D Geostationary fixed-satellite service systems and feeder links for non-geostationary-satellite service systems in mobile-satellite service is subject to Res. 46 (WRC-97)/9.11A</p>			EN 301 753; EN 302 217
<p>MOBILE</p> <p>5.523E Coordination in band 19.6-19.7 GHz between feeder links of non-geostationary mobile-satellite and fixed-satellite services is subject to No. 22.2, if information was received before 21.11.1997</p>	PAIKNE KOSMOSESIDE (SE)		CEPT/ERC/DEC(00)07
<p>19.7-20.1 GHz</p> <p>FIXED-SATELLITE (SE)</p> <p>5.484A Fixed-satellite service is subject to application of the provisions of 9.12 for coordination with other non-geostationary services</p> <p>5.516B The the band 19.7-20.2 GHz is identified for use by high-density applications in the fixed-satellite service (HDFSS). Res. 143 (WRC-03) (Add.)</p> <p>Mobile-Satellite (SE)</p>	PAIKNE KOSMOSESIDE (SE)	Maajaamad 19,70-20,20 GHz HFDSS	CEPT/ECC/DEC(05)08
	Liikuv kosmoseside (SE)	19,70-20,20 GHz SUT terminalid (suunal kosmos – Maa)	CEPT/ECC/DEC(06)02 CEPT/ECC/DEC(06)03 Nõuded vastavalt ESS § 20 lg 1 EN 301 459
<p>20.1-20.2 GHz</p> <p>FIXED-SATELLITE (SE)</p> <p>5.484A Fixed-satellite service is subject to application of the provisions of 9.12 for coordination with other non-geostationary satellite services</p> <p>5.516B The the band 19.7-20.2 GHz is identified for use by high-density applications in the fixed-satellite service (HDFSS). Res. 143 (WRC-03) (Add.)</p> <p>MOBILE-SATELLITE (SE)</p> <p>5.525 Carriers most susceptible to interference in the mobile-satellite service shall be located in the higher part of the band 19.7-20.2 GHz</p>	PAIKNE KOSMOSESIDE (SE)	Maajaamad 19,70-20,20 GHz HFDSS	CEPT/ECC/DEC(05)08
	LIIKUV KOSMOSESIDE (SE)	19,70-20,20 GHz SUT terminalid (suunal kosmos – Maa)	CEPT/ECC/DEC(06)02 CEPT/ECC/DEC(06)03 Nõuded vastavalt ESS § 20 lg 1 EN 301 459

5.526 Networks in fixed-satellite and mobile-satellite services may include links between earth stations 5.527 No 4.10 does not apply to the mobile-satellite service 5.528 Allocation to mobile-satellite service is intended for use by narrow spot-beam antennas and other advanced technology at the space stations			
20.2-21.2 GHz FIXED-SATELLITE (SE) MOBILE-SATELLITE (SE) Standard Frequency and Time Signal-Satellite (SE)	PAIKNE KOSMOSESIDER (SE) LIIKUV KOSMOSESIDER (SE)	Riikliku kasutuse tüüp 2	
21.2-21.4 GHz EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)	PAIKNE SIDE LIIKUV SIDE	SAP/SAB lingid	CEPT/ERC/REC 25-10 EN 302 064
21.4-22 GHz FIXED MOBILE BROADCASTING-SATELLITE	PAIKNE SIDE RINGHÄÄLING (SATELLIIT)	HDTV (perspektiivselt planeeritud)	EN 301 753; EN 302 217
5.530 In Region 1 the use of the band 21.4-22 GHz by the broadcasting-satellite service is subject to the provisions of Resolution 525 (Rev.WRC-07). (WRC-07) 5.347A In the band 1525-1559 MHz Resolution 739 (Rev.WRC-07) applies (WRC-07)	Lähiotimeseadmed	21,650-26,65 GHz Maanteesidesüsteemi seadmed	CEPT/ECC/DEC(04)10 2005/50/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 288
22-22.21 GHz FIXED MOBILE except aeronautical mobile 5.149 Assignment in band 22.01-22.21 GHz to other services shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference	PAIKNE SIDE Lähiotimeseadmed	Paiksed raadioliinid 21,650-26,65 GHz Maanteesidesüsteemi seadmed	CEPT/ERC T/R 13-02 (Annex A) ja ITU-R F.637 - kanalijaotus EN 302 217 CEPT/ECC/DEC(04)10 2005/50/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 288
22.21-22.5 GHz EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive)	PAIKNE SIDE MAA-UURINGUTE KOSMOSESIDER (passiivne)	Paiksed raadioliinid	CEPT/ERC T/R 13-02 (Annex A) ja ITU-R F.637 - kanalijaotus EN 302 217

5.149 Assignment to other services shall be made bearing in mind protection of the radio astronomy service from harmful interference	KOSMOSE-UURINGUD (passiivne)		
5.532 Earth exploration-satellite (passive) and space research (passive) services shall not impose constraints upon the fixed and mobile, except aeronautical mobile, services	Lähiotimeseadmed	21,650-26,65 GHz Maanteesidesüsteemi seadmed	CEPT/ECC/DEC(04)10 2005/50/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 288
22.5-22.55 GHz FIXED MOBILE	PAIKNE SIDE	Paiksed raadioliinid	CEPT/ERC T/R 13-02 (Annex A) ja ITU-R F.637 - kanalijaotus EN 302 217
	Lähiotimeseadmed	21,650-26,65 GHz Maanteesidesüsteemi seadmed	CEPT/ECC/DEC(04)10 2005/50/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 288
22.55-23 GHz FIXED INTER-SATELLITE 5.149 Assignment to other services in band 22.81-22.86 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference 5.338A In the bands 1 350-1 400 MHz, 1 427-1 429 MHz, 1 429-1 452 MHz, 22.55-23.55 GHz, 30-31 GHz, 31-31.3 GHz, 49.7-50.2 GHz, 50.4-50.9 GHz and 51.4-52.6 GHz, Resolution 750 (WRC-07) applies. (WRC-07) MOBILE	PAIKNE SIDE		CEPT/ERC T/R 13-02 (Annex A) ja ITU-R F.637 - kanalijaotus EN 302 217
	Lähiotimeseadmed	21,650-26,65 GHz Maanteesidesüsteemi seadmed	CEPT/ECC/DEC(04)10 2005/50/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 288
23-23.55 GHz FIXED INTER-SATELLITE 5.149 Assignment to other services in band 23.07-23.12 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference 5.338A In the bands 1 350-1 400 MHz, 1 427-1 429 MHz, 1 429-1 452 MHz, 22.55-23.55 GHz, 30-31 GHz, 31-31.3 GHz, 49.7-50.2 GHz, 50.4-50.9 GHz and 51.4-52.6 GHz, Resolution 750 (WRC-07) applies. (WRC-07) MOBILE	PAIKNE SIDE		CEPT/ERC T/R 13-02 (Annex A) ja ITU-R F.637 - kanalijaotus EN 302 217
	Lähiotimeseadmed	21,650-26,625 GHz Maanteesidesüsteemi seadmed	CEPT/ECC/DEC(04)10 2005/50/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 288
23.55-23.6 GHz FIXED	PAIKNE SIDE		CEPT/ERC T/R 13-02 (Annex A) ja ITU-R F.637 - kanalijaotus

MOBILE			EN 302 217
	Lähitoimeseadmed	21,650-26,65 GHz Maanteesidesüsteemi seadmed	CEPT/ECC/DEC(04)10 2005/50/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 288
23.6-24 GHz EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 All emissions prohibited	KÕIK KIIRGUSED KEELATUD MAA-UURINGUTE KOSMOSE-UURINGUD (passiivne)		
	Lähitoimeseadmed	21,650-26,65 GHz Maanteesidesüsteemi seadmed	CEPT/ECC/DEC(04)10 2005/50/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 288
24 - 24.05 GHz AMATEUR AMATEUR-SATELLITE 5.150 24-24.25 GHz (centre frequency 24.125 GHz) for ISM applications	AMATÖÖR-RAADIOSIDE AMATÖÖR-KOSMOSESIDE		Nõuded vastavalt ESS § 24 EN 301 783
	Lähitoimeseadmed	21,650-26,65 GHz Maanteesidesüsteemi seadmed	CEPT/ECC/DEC(04)10 2005/50/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 288
	TTM aparatuur	24-24,25 GHz (keskagedus 24.125 GHz)	
24.05-24.25 GHz RADIOLOCATION	RAADIOLOKATSIOON		
Amateur	Amatöör-raadioside		Nõuded vastavalt ESS § 24 EN 301 783
Earth Exploration-Satellite (active)	Lähitoimeseadmed	24,15-24,25 GHz Mittespetsiifilised lähitoimeseadmed	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 300 440
5.150 24-24.25 GHz (centre frequency 24.125 GHz) for ISM applications		21,650-26,65 GHz Maanteesidesüsteemi seadmed	CEPT/ECC/DEC(04)10 2005/50/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 288
		24,05 - 24,25 GHz Liikumisandurid ja valveseadmed	CEPT/ERC/REC 70-03 (Annex 6) Nõuded vastavalt ESS § 20 lg 1 EN 300 440
		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372

	TTM aparatuur	24-24.25 GHz (keskagedus 24.125 GHz)	
24.25-24.45 GHz FIXED	PAIKNE SIDE Lähitoimeseadmed	21,650-26,65 GHz Maanteesidesüsteemi seadmed	CEPT/ECC/DEC(04)10 2005/50/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 288
		24,25-25,25 GHz Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
24.45-24.65 GHz FIXED INTER-SATELLITE	PAIKNE SIDE	24,5-24,77 GHz Du(+1008 MHz) Paiksed raadioliinid BWA Maksimaalne kanalisamm 28 MHz Kanalimahu maakondlik jaotus: I – kuni 112 MHz, II – kuni 112 MHz, III – kuni 112 MHz, IV – kuni 112 MHz, V – kuni 112 MHz, VI – kuni 112 MHz	CEPT/ERC T/R 13-02 (Annex B) – kanalijaotus EN 302 217
24.65-24.75 GHz FIXED INTER-SATELLITE			CEPT/ERC T/R 13-02 (Annex B) – kanalijaotus EN 301 753
24.75-25.25 GHz FIXED			
25.25-25.5 GHz FIXED MOBILE INTER-SATELLITE	Lähitoimeseadmed	21,650-26,65 GHz Maanteesidesüsteemi seadmed	CEPT/ECC/DEC(04)10 2005/50/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 288
5.536 Inter-satellite service is limited to space research and Earth exploration-satellite applications, transmissions of data originating from industrial and medical activities in space Standard Frequency and Time Signal-Satellite (ES)		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
25.5-27 GHz EARTH EXPLORATION-SATELLITE	PAIKNE SIDE	25,5-25,78 GHz Du (-1008 MHz) Paiksed raadioliinid	CEPT/ERC T/R 13-02 (Annex B) – kanalijaotus EN 302 217
5.536A Earth exploration-satellite or the space research earth-stations shall not claim protection from fixed and mobile stations operated by other administrations, taking into account Rec. ITU-R SA. 1278 and ITU-R SA.1625 (WRC-03) (Mod.) 5.536B In Sweden, Estonia and Finland earth stations in the earth-exploration service shall not claim protection from stations in		BWA Maksimaalne kanalisamm 28 MHz Kanalimahu maakondlikjaotus: I – kuni 112 MHz;	

fixed and mobile service (WRC-07) FIXED MOBILE INTER-SATELLITE 5.536 Inter-satellite service is limited to space research and Earth exploration-satellite applications, transmissions of data originating from industrial and medical activities in space SPACE RESEARCH (SE) 5.536C In Estonia and Finland, earth stations operating in the space research service in the band 25.5-27 GHz shall not claim protection from, or constrain the use and deployment of, stations of the fixed and mobile services (WRC-03) (Add.)		II – kuni 112 MHz, III – kuni 112 MHz IV – kuni 112 MHz, V – kuni 112 MHz, VI – kuni 112 MHz	CEPT/ERC T/R 13-02 (Annex B) – kanalijaotus EN 301 753
Standard Frequency and Time Signal-Satellite (ES)	Lähitoimeseadmed	21,650-26,65 GHz Maanteesidesüsteemi seadmed	CEPT/ECC/DEC(04)10 2005/50/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 288
		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
27-27.5 GHz FIXED MOBILE INTER-SATELLITE 5.536 Inter-satellite service is limited to space research and Earth exploration-satellite applications, transmissions of data originating from industrial and medical activities in space	PAIKNE SIDE		
27.5-28.5 GHz FIXED FIXED-SATELLITE (ES) 5.484A Fixed-satellite service is subject to application of the provisions of 9.12 5.539 Fixed-satellite service (ES) may be used for feeder links of the broadcasting-satellite service 5.537A In Russian Federation the allocation to the fixed service in the band 27.9-28.2 GHz may also be used by high altitude platform stations (HAPS) within the territory of these countries. Furthermore, the development of these other services shall not be constrained by HAPS. See Resolution 145 (Rev.WRC-07). (WRC-07) 5.516B The the bands 27.5-27.82 GHz and 28.45-28.94 GHz are identified for use by high-density applications in the fixed-	PAIKNE KOSMOSESIDE (ES) (SE) /5.538/ Paikne kosmoseside (SE) /5.540/	HDTV süsteemid	CEPT/ECC/DEC(05)01

<p>satellite service (HDFSS). Res. 143 (WRC-03) (Add.)</p> <p>5.540 Additional allocation: band 27.501-29.999 GHz also allocated to the fixed-satellite service (SE) on a secondary basis for beacon stations intended for uplink power control</p> <p>5.538 Additional allocation: band 27.500-27.501 GHz also allocated to fixed-satellite service (SE) on a primary basis for beacon transmission intended for uplink power control (WRC-07)</p> <p>MOBILE</p>	PAIKNE SIDE	Paiksed raadioliinid Juurdepääsu raadiovõrgud	CEPT/ERC T/R 13-02 (Annex C) - kanalijaotus EN 302 217 CEPT/ECC/DEC(05)01 CEPT/ERC/REC 13-04 CEPT/ERC T/R 13-02 (Annex C) - kanalijaotus EN 301 753
<p>28.5-29.1 GHz</p> <p>FIXED</p> <p>FIXED-SATELLITE (ES)</p> <p>5.484A Fixed-satellite service in band 27.5-28.6 GHz is subject to application of the provisions of 9.12</p> <p>5.523A Fixed-satellite service networks in band 28.6-29.1 GHz are subject to Res. 46 (WRC-97)/9.11A, non-geostationary satellite networks shall not cause unacceptable interference to geostationary fixed-satellite service</p> <p>5.539 Fixed-satellite service (ES) may be used for feeder links of the broadcasting-satellite service</p>	PAIKNE KOSMOSESIDESIDE (ES) Paikne kosmoseside (SE) /5.540/	HDTV süsteemid	CEPT/ECC/DEC(05)01
<p>5.516B The the band 28.45-28.94 GHz is identified for use by high-density applications in the fixed-satellite service (HDFSS). Res. 143 (WRC-03) (Add.)</p> <p>MOBILE</p> <p>Earth Exploration-Satellite (ES)</p> <p>5.541 Earth exploration-satellite service is limited to the transfer of data between stations, not to collect of information</p> <p>5.540 Additional allocation: also allocated to the fixed-satellite service (SE) on a secondary basis for beacon stations intended for uplink power control</p>	PAIKNE SIDE	Paiksed raadioliinid Juurdepääsu raadiovõrgud	CEPT/ERC T/R 13-02 (Annex C) - kanalijaotus EN 302 217 CEPT/ECC/DEC(05)01 CEPT/ERC/REC 13-04 CEPT/ERC T/R 13-02 (Annex C) - kanalijaotus EN 301 753
<p>29.1-29.5 GHz</p> <p>FIXED</p> <p>FIXED-SATELLITE (ES)</p> <p>5.523C Coordination in band 29.1-29.4 GHz between feeder links of non-geostationary mobile-satellite and fixed-satellite services is subject to No. 22.2</p>	PAIKNE KOSMOSESIDESIDE (ES) Paikne kosmoseside (SE) /5.540/	HDTV süsteemid	CEPT/ECC/DEC(05)01

<p>5.523E Coordination in band 29.4-29.5 GHz between feeder links of non-geostationary mobile-satellite and fixed-satellite services is subject to No. 22.2, if information was received before 21.11.1997</p> <p>5.535A Fixed-satellite service is limited to geostationary satellite systems and feeder links to non-geostationary satellite systems in mobile-satellite service, subject to Res. 46 (WRC-97)/9.11A</p>			
<p>5.539 Fixed-satellite service (ES) may be used for feeder links of the broadcasting-satellite service</p> <p>MOBILE</p> <p>5.541A In the band 29.1-29.5 GHz, feeder links of non-geostationary networks in the mobile-satellite service and geostationary networks in the fixed-satellite service shall employ uplink adaptive power control or other methods of fade compensation (WRC-2000)</p> <p>5.516B The the band 29.46-30 GHz is identified for use by high-density applications in the fixed-satellite service (HDFSS). Res. 143 (WRC-03) (Add.)</p> <p>Earth Exploration-Satellite (ES)</p> <p>5.541 Earth exploration-satellite service is limited to the transfer of data between stations, not to collect of information</p> <p>5.540 Additional allocation: also allocated to the fixed-satellite service (SE) on a secondary basis for beacon stations intended for uplink power control</p>	PAIKNE SIDE	Paiksed raadioliinid Juurdepääsu raadiovõrgud	CEPT/ERC T/R 13-02 (Annex C) - kanalijaotus EN 302 217 CEPT/ECC/DEC(05)01 CEPT/ERC/REC 13-04 CEPT/ERC T/R 13-02 (Annex C) - kanalijaotus EN 301 753
<p>29.5-29.9 GHz</p> <p>FIXED-SATELLITE (ES)</p> <p>5.484A Fixed-satellite service is subject to application of the provisions of 9.12</p> <p>5.539 Fixed-satellite service (ES) may be used for feeder links of the broadcasting-satellite service</p> <p>5.516B The the band 29.46-30 GHz is identified for use by high-density applications in the fixed-satellite service (HDFSS). Res. 143 (WRC-03) (Add.)</p> <p>Earth Exploration-Satellite (ES)</p> <p>5.541 Earth exploration-satellite service is limited to the transfer of data between stations, not to collect of information</p> <p>Mobile-Satellite (ES)</p>	PAIKNE KOSMOSESIDE (ES) Liikuv kosmoseside (ES)	29,50-30,00 GHz HDFSS 29,50-30,00 GHz SIT terminalid (suunal Maa – kosmos)	CEPT/ECC/DEC(05)08 CEPT/ECC/DEC(06)02 CEPT/ECC/DEC(06)03 Nõuded vastavalt ESS § 20 lg 1 EN 301 459
	Paikne kosmoseside (SE) /5.540/	29,50-30,00 GHz SUT terminalid (suunal Maa – kosmos)	CEPT/ECC/DEC(06)02 CEPT/ECC/DEC(06)03 Nõuded vastavalt ESS § 20 lg 1 EN 301 459

5.540 Additional allocation: also allocated to the fixed-satellite service (SE) on a secondary basis for beacon stations intended for uplink power control		HDTV süsteemid	
29.9-30 GHz FIXED-SATELLITE (ES)	PAIKNE KOSMOSESIDE (ES) /5.538/	Maajaamat 29,50-30,00 GHz HDFSS	CEPT/ECC/DEC(05)08
5.484A Fixed-satellite service is subject to application of the provisions of 9.12 MOBILE-SATELLITE (ES)		29,50-30,00 GHz SIT terminalid (suunal Maa – kosmos)	CEPT/ECC/DEC(06)02 CEPT/ECC/DEC(06)03 Nõuded vastavalt ESS § 20 lg 1 EN 301 459
5.539 Fixed-satellite service (ES) may be used for feeder links of the broadcasting-satellite service 5.516B The the band 29.46-30 GHz is identified for use by high-density applications in the fixed-satellite service (HDFSS). Res. 143 (WRC-03) (Add.) Earth Exploration-Satellite (ES)		29,50-30,00 GHz SUT terminalid (suunal Maa – kosmos)	CEPT/ECC/DEC(06)02 CEPT/ECC/DEC(06)03 Nõuded vastavalt ESS § 20 lg 1 EN 301 459
5.541 Earth exploration-satellite service is limited to the transfer of data between stations, not to collect of information 5.525 Carriers most susceptible to interference in the mobile-satellite service shall be located in the higher part of the band 29.5-30 GHz 5.526 Networks in fixed-satellite and mobile-satellite services may include links between earth stations 5.527 No S4.10 does not apply to the mobile-satellite service 5.538 Additional allocation: band 29.999-30.000 GHz also allocated to fixed-satellite service (SE) on a primary basis for beacon transmission intended for uplink power control (WRC-07) 5.540 Additional allocation: band 27.501-29.999 GHz also allocated to the fixed-satellite service (SE) on a secondary basis for beacon stations intended for uplink power control 5.543 Band 29.95-30 GHz may be used for space-to-space links in the earth exploration-satellite service for telemetry, tracking, and control purposes on a secondary basis	Paikne kosmoseside (SE) /5.540/ LIIKUV KOSMOSESIDE (ES)	HDTV süsteemid	
30-31 GHz FIXED-SATELLITE (ES) MOBILE-SATELLITE (ES)	PAIKNE KOSMOSESIDE (ES) LIIKUV KOSMOSESIDE (ES)		

Standard Frequency and Time Signal-Satellite (SE) 5.338A In the bands 1 350-1 400 MHz, 1 427-1 429 MHz, 1 429-1 452 MHz, 22.55-23.55 GHz, 30-31 GHz, 31-31.3 GHz, 49.7-50.2 GHz, 50.4-50.9 GHz and 51.4-52.6 GHz, Resolution 750 (WRC-07) applies. (WRC-07)			
31-31.3 GHz FIXED MOBILE 5.543A In the Russian Federation, allocation to the fixed service in the band 31-31.3 GHz may also be used by systems using high altitude platform stations (HAPS) in the ground-to-HAPS direction. See Res. 145 (Rev. WRC-07) (WRC-07) Standard Frequency and Time Signal-Satellite (SE) Space Research 5.544 Space research service pfd limits are in Art. 21, Table 21-4 5.149 Assignment to other services in frequency band 31.2-31.3 MHz shall be made bearing in mind protection of the radio astronomy service from harmful interference 5.338A In the bands 1 350-1 400 MHz, 1 427-1 429 MHz, 1 429-1 452 MHz, 22.55-23.55 GHz, 30-31 GHz, 31-31.3 GHz, 49.7-50.2 GHz, 50.4-50.9 GHz and 51.4-52.6 GHz, Resolution 750 (WRC-07) applies. (WRC-07)	PAIKNE SIDE LIIKUV SIDE		CEPT/ECC/REC 02-02-kanalijaotus
31.3-31.5 GHz EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 All emissions prohibited	KÕIK KIIRGUSED KEELATUD MAA-UURINGUTE KOSMOSESIDE (passiivne) KOSMOSE-UURINGUD (passiivne)		
31.5-31.8 GHz EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile 5.149 Assignment to other services shall be made bearing in mind protection of the radio astronomy service from harmful interference	PAIKNE SIDE MAA-UURINGUTE KOSMOSESIDE (passiivne)		

5.546 Different category of service: in Estonia and Russia allocated to fixed and mobile, except aeronautical mobile, services on a primary basis (WRC-07)	KOSMOSE-UURINGUD (passiivne)		
31.8-32 GHz FIXED 5.547A Administrations should take practical measures to minimize potential interference between stations in the fixed service and airborne stations in the radionavigation service taking into account the operational needs of the airborne radar systems	PAIKNE SIDE	HDFS süsteemid	CEPT/ERC/REC 01-02 - kanalijaotus EN 301 753 EN 302 217
RADIONAVIGATION SPACE RESEARCH (deep space) (SE) 5.547 High-density applications in the fixed service (Res.75) (WRC-2000) and (Res. 79) (WRC-2000). (WRC-07) 5.548 In designing systems for the space research service (deep space) in the band 31.8-32.3 GHz, prevent harmful interference bearing in mind safety aspects of radionavigation service (WRC-03) (Mod.)	RAADIONAVIGATSIOON		
32-32.3 GHz FIXED 5.547A Administrations should take practical measures to minimize potential interference between stations in the fixed service and airborne stations in the radionavigation service taking into account the operational needs of the airborne radar systems	PAIKNE SIDE	HDFS süsteemid	CEPT/ERC/REC 01-02 - kanalijaotus EN 301 753 EN 302 217
RADIONAVIGATION SPACE RESEARCH (deep space) (SE) 5.547 High-density applications in the fixed service (Res.75) (WRC-2000) and (Res. 79) (WRC-2000). (WRC-07) 5.548 In designing systems for the radionavigation services in the band 32-33 GHz and space research service (deep space) in the band band 31.8-32.3 GHz, prevent harmful interference bearing in mind safety aspects of radionavigation service (WRC-03) (Mod.)	RAADIONAVIGATSIOON		
32.3-33 GHz FIXED	PAIKNE SIDE	HDFS süsteemid	CEPT/ERC/REC 01-02 - kanalijaotus EN 301 753

5.547A Administrations should take practical measures to minimise potential interference between stations in the fixed service and airborne stations in the radionavigation service taking into account the operational needs of the airborne radar systems			EN 302 217
INTER-SATELLITE RADIONAVIGATION 5.547 High-density applications in the fixed service (Res.75) (WRC-2000) and (Res. 79) (WRC-2000). (WRC-07) 5.548 In designing systems for the inter-satellite in the band 32.3-33 GHz and radionavigation services in the band 32-33 GHz, prevent harmful interference bearing in mind safety aspects of radionavigation service (WRC-03) (Mod.)	RAADIONAVIGATSIOON		
33-33.4 GHz FIXED 5.547A Administrations should take practical measures to minimise potential interference between stations in the fixed service and airborne stations in the radionavigation service taking into account the operational needs of the airborne radar systems	PAIKNE SIDE	HDFS süsteemid	CEPT/ERC/REC 01-02 - kanalijaotus EN 301 753 EN 302 217
RADIONAVIGATION 5.547 High-density applications in the fixed service (Res.75) (WRC-2000) and (Res. 79) (WRC-2000). (WRC-07)	RAADIONAVIGATSIOON		
33.4-34.2 GHz RADIOLOCATION	RAADIOLOKATSIOON	Riikliku kasutuse tüüp 2	
Lähitoimeseadmed	Mittespetsiifilised lähitoimeseadmed		Nõuded vastavalt ESS § 20 lg 1 EN 300 440
34.2-34.7 GHz	RAADIOLOKATSIOON	Riikliku kasutuse tüüp 2	
RADIOLOCATION SPACE RESEARCH (deep space) (ES)	Lähitoimeseadmed	Mittespetsiifilised lähitoimeseadmed	Nõuded vastavalt ESS § 20 lg 1 EN 300 440
34.7-35.2 GHz RADIOLOCATION Space Research 5.550 Different category of service: in Russia allocated to space research service on a primary basis (WRC-07)	RAADIOLOKATSIOON	Riikliku kasutuse tüüp 2	
Lähitoimeseadmed	Mittespetsiifilised lähitoimeseadmed		Nõuded vastavalt ESS § 20 lg 1 EN 300 440
35.2-35.5 GHz METEOROLOGICAL AIDS RADIOLOCATION	RAADIOMETEOROLOOGIA RAADIOLOKATSIOON		
Lähitoimeseadmed	Mittespetsiifilised lähitoimeseadmed		Nõuded vastavalt ESS § 20 lg 1 EN 300 440
35.5-36 GHz	RAADIOMETEOROLOOGIA		

METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)	RAADIOLOKATSIOON		
5.549A In the band 35.5-36.0 GHz, the mean power flux-density at the Earth's surface, generated by any spaceborne sensor in the Earth exploration-satellite service (active) or space research service (active), for any angle greater than 0.8° from the beam centre shall not exceed 73.3 dB(W/m ²) in this band (WRC-03) (Add.)	Lähitoimeseadmed	Mittespetsiifilised lähitoimeseadmed	Nõuded vastavalt ESS § 20 lg 1 EN 300 440
36-37 GHz EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) 5.149 Assignment to other services in band 36.43-36.5 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference 5.550A For sharing of the band 36-37 GHz between the Earth exploration-satellite (passive) service and the fixed and mobile services, Resolution 752 (WRC-07) shall apply. (WRC-07)	PAIKNE SIDE LIIKUV SIDE	Riikliku kasutuse tüüp 1	Nõuded vastavalt ESS § 21 lg 1
MAA-UURINGUTE KOSMOSE-SIDE (passiivne) KOSMOSE-UURINGUD (passiivne)			
37-37.5 GHz FIXED MOBILE SPACE RESEARCH (SE) 5.547 High-density applications in the fixed service (Res.75) (WRC-2000) and (Res. 79) (WRC-2000). (WRC-07)	PAIKNE SIDE	37,086 – 37,170 GHz Riikliku kasutuse tüüp 2 Paiksed raadioliinid	CEPT/ERC T/R 12-01 - kanalijaotus EN 302 217
PAIKNE SIDE	Paiksed raadioliinid	CEPT/ERC/DEC(00)02 CEPT/ERC T/R 12-01 – kanalijaotus EN 302 217	
Paikne kosmoseside (SE)			
38-39.5 GHz FIXED FIXED-SATELLITE (SE)	PAIKNE SIDE Paikne kosmoseside (SE)	38,346 – 38,430 GHz Riikliku kasutuse tüüp 2	CEPT/ERC/DEC(00)02 CEPT/ERC T/R 12-01 – kanalijaotus

MOBILE Earth Exploration-Satellite (SE) 5.547 High-density applications in the fixed service (Res.75) (WRC-2000) and (Res. 79) (WRC-2000). (WRC-07)		Paiksed raadioliinid	EN 302 217
39.5-40 GHz FIXED FIXED-SATELLITE (SE) 5.516B The the band 39.5-40 GHz is identified for use by high-density applications in the fixed-satellite service (HDFSS). Res. 143 (WRC-03) (Add.) MOBILE MOBILE-SATELLITE (SE) Earth Exploration-Satellite (SE) 5.547 High-density applications in the fixed service (Res.75) (WRC-2000), (Res. 79) (WRC-2000) and No 5.516B (WRC-07)	PAIKNE KOSMOSESIDE (SE) LIIKUV KOSMOSESIDE (SE)		CEPT/ERC/DEC(00)02
40-40.5 GHz FIXED FIXED-SATELLITE (SE) 5.516B The the band 40-40.5 GHz is identified for use by high-density applications in the fixed-satellite service (HDFSS). Res. 143 (WRC-03) (Add.) MOBILE MOBILE-SATELLITE (SE) EARTH EXPLORATION-SATELLITE (ES) SPACE RESEARCH (ES) Earth Exploration-Satellite (SE)	PAIKNE KOSMOSESIDE (SE) LIIKUV KOSMOSESIDE (SE)		CEPT/ERC/DEC(00)02
40.5-41 GHz FIXED FIXED-SATELLITE (SE) BROADCASTING BROADCASTING-SATELLITE Mobile 5.547 High-density applications in the fixed service (Res.75) (WRC-2000), (Res. 79) (WRC-2000) and No 5.516B (WRC-07)	PAIKNE SIDE Paikne kosmoseside (SE) Ringhäälting (satelliit) RINGHÄÄLING	MWS	CEPT/ERC/DEC(99)15 CEPT/ECC/DEC(02)04 CEPT/ECC/REC 01-04 EN 301 997
41-42,5 GHz FIXED FIXED-SATELLITE (SE) BROADCASTING	PAIKNE SIDE Paikne kosmoseside (SE)	MWS	CEPT/ERC/DEC(99)15 CEPT/ECC/DEC(02)04 CEPT/ECC/REC 01-04 EN 301 997

BROADCASTING-SATELLITE Mobile 5.547 High-density applications in the fixed service (Res.75) (WRC-2000), (Res. 79) (WRC-2000) and No 5.516B (WRC-07)	Ringhäälting (satelliit) RINGHÄÄLING		
42.5-43.5 GHz FIXED FIXED-SATELLITE (ES) MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149 Assignment to other services shall be made bearing in mind protection of the radio astronomy service from harmful interference	PAIKNE SIDE	MWS	CEPT/ERC/DEC (99)15 CEPT/ECC/REC 01-04 EN 301 997
5.547 High-density applications in the fixed service (Res.75) (WRC-2000) and (Res. 79) (WRC-2000). (WRC-07) 5.551H The equivalent power flux-density (epfd) produced in the band 42.5-43.5 GHz by all space stations in any non-geostationary-satellite system in the fixed-satellite service (SE), or in the broadcasting-satellite service (SE) operating in the 42-42.5 GHz band, shall not exceed values of Rec. ITU-R S.1586 and antenna pattern and the maximum gain of an antenna Rec. ITU-R RA.1631 (WRC-03) (Add.) 5.551I The power flux-density in the band 42.5-43.5 GHz produced by any geostationary space station in the fixed-satellite service (SE), or the broadcasting-satellite service (SE) operating in the 42-42.5 GHz band (WRC-07)	PAIKNE KOSMOSESIDE (ES)		
43.5-47 GHz MOBILE 5.553 Stations in land mobile service shall not cause harmful interference to the space radiocommunication services MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.554 Satellite links connecting land stations at specified fixed points are also authorized when used in conjunction with mobile-satellite or radionavigation-satellite service	RAADIONAVIGATSIOON LIIKUV SIDE LIIKUV KOSMOSESIDE	43,5-45,5 GHz Riikliku kasutuse tüüp 2	
47-47.2 GHz AMATEUR AMATEUR-SATELLITE	AMATÖÖR-RAADIOSIDE AMATÖÖR-KOSMOSESIDE		Nõuded vastavalt ESS § 24

47.2-47.5 GHz FIXED FIXED-SATELLITE (ES) 5.552 To take all practicable steps to reserve band 47.2-49.2 GHz for feeder links for broadcasting-satellite service operating in band 40.5-42.5 GHz MOBILE 5.552A Fixed service in band 47.2-47.5 GHz and 47.9-48.2 GHz is designated for use by high altitude platform stations, subject to Res. 122 (WRC-07)	PAIKNE SIDE LIIKUV SIDE	47,2-48,5 GHz SAP/SAB lingid	CEPT/ERC/REC 25-10 EN 302 064
	PAIKNE KOSMOSESIDER (ES)		
47.5-47.9 GHz FIXED FIXED-SATELLITE (ES) (SE) 5.552 To take all practicable steps to reserve band 47.2-49.2 GHz for feeder links for broadcasting-satellite service operating in band 40.5-42.5 GHz 5.516B The the band 47.5-47.9 GHz is identified for use by high-density applications in the fixed-satellite service (HDFSS). Res. 143 (WRC-03) (Add.) 5.554A The use of the band 47.5-47.9 GHz by the fixed-satellite service (SE) is limited to geostationary satellites (WRC-03) (Add.) MOBILE	PAIKNE SIDE LIIKUV SIDE	47,2-48,5 GHz SAP/SAB lingid	CEPT/ERC/REC 25-10 EN 302 064
	PAIKNE KOSMOSESIDER (ES)		CEPT/ECC/DEC(05)08
47.9-48.2 GHz FIXED FIXED-SATELLITE (ES) 5.552 To take all practicable steps to reserve band 47.2-49.2 GHz for feeder links for broadcasting-satellite service operating in band 40.5-42.5 GHz MOBILE 5.552A Fixed service in band 47.2-47.5 GHz and 47.9-48.2 GHz is designated for use by high altitude platform stations, subject to Res. 122 (WRC-07)	PAIKNE SIDE LIIKUV SIDE	47,2-48,5 GHz SAP/SAB lingid	CEPT/ERC/REC 25-10 EN 302 064
	PAIKNE KOSMOSESIDER (ES)		CEPT/ECC/DEC(05)08
48.2-48.54 GHz FIXED FIXED-SATELLITE (ES) (SE)	PAIKNE SIDE LIIKUV SIDE	47,2-48,5 GHz SAP/SAB lingid	CEPT/ERC/REC 25-10 EN 302 064

<p>5.552 To take all practicable steps to reserve band 47.2-49.2 GHz for feeder links for broadcasting-satellite service operating in band 40.5-42.5 GHz</p> <p>5.516B The the band 48.2-48.54 GHz is identified for use by high-density applications in the fixed-satellite service (HDFSS). Res. 143 (WRC-03) (Add.)</p> <p>5.554A The use of the band 48.2-48.54 GHz by the fixed-satellite service (SE) is limited to geostationary satellites (WRC-03) (Add.)</p> <p>5.555B The power flux-density in the band 48.94-49.04 GHz produced by any geostationary space station in the fixed-satellite service (SE) operating in the bands 48.2-48.54 GHz and 49.44-50.2 GHz shall not exceed -151.8 dB(W/m²) in any 500 kHz band at the site of any radio astronomy station (WRC-03) (Add.)</p> <p>MOBILE</p>	PAIKNE KOSMOSESIDE (ES)		CEPT/ERC/REC 12-10 kanalijaotus CEPT/ECC/DEC(05)08
<p>48.54-49.44 GHz</p> <p>FIXED</p> <p>FIXED-SATELLITE (ES)</p> <p>5.552 To take all practicable steps to reserve band 47.2-49.2 GHz for feeder links for broadcasting-satellite service operating in band 40.5-42.5 GHz</p> <p>MOBILE</p> <p>5.149 Assignment to other services shall be made bearing in mind protection of the radio astronomy service from harmful interference</p> <p>5.340 In band 48.94-49.04 GHz all emissions from airborne stations are prohibited</p> <p>5.555 Additional allocation: band 48.94-49.04 GHz also allocated to radio astronomy service on a primary basis</p>	PAIKNE SIDE		CEPT/ERC/REC 12-10 kanalijaotus
<p>49.44-50.2 GHz</p> <p>FIXED</p> <p>FIXED-SATELLITE (ES) (SE)</p> <p>5.552 To take all practicable steps to reserve band 47.2-49.2 GHz for feeder links for broadcasting-satellite service operating in band 40.5-42.5 GHz</p> <p>5.516B The the band 49.44-50.2 GHz is identified for use by high-density applications in the fixed-satellite service (HDFSS). Res. 143 (WRC-03) (Add.)</p>	PAIKNE KOSMOSESIDE (ES)		CEPT/ERC/REC 12-10 kanalijaotus CEPT/ECC/DEC(05)08

<p>5.554A The use of the bands 47.5-47.9 GHz, 48.2-48.54 GHz and 49.44-50.2 GHz by the fixed-satellite service (space-to-Earth) is limited to geostationary satellites (WRC-03)</p> <p>5.555B The power flux-density in the band 48.94-49.04 GHz produced by any geostationary space station in the fixed-satellite service (SE) operating in the bands 48.2-48.54 GHz and 49.44-50.2 GHz shall not exceed -151.8 dB(W/m²) in any 500 kHz band at the site of any radio astronomy station (WRC-03) (Add.) 5.338A In the bands 1 350-1 400 MHz, 1 427-1 429 MHz, 1 429-1 452 MHz, 22.55-23.55 GHz, 30-31 GHz, 31-31.3 GHz, 49.7-50.2 GHz, 50.4-50.9 GHz and 51.4-52.6 GHz, Resolution 750 (WRC-07) applies.</p> <p>(WRC-07) MOBILE</p>			
<p>50.2-50.4 GHz</p> <p>EARTH EXPLORATION-SATELLITE (passive)</p> <p>SPACE RESEARCH (passive)</p> <p>5.340 All emissions prohibited (shall not impose undue constraints on the use of adjacent bands by the primary allocated services in those bands)</p>	<p>KÕIK KIIRGUSED KEELATUD</p> <p>MAA-UURINGUTE</p> <p><u>KOSMOSE</u>SIDE (passiivne)</p> <p>KOSMOSE-UURINGUD (passiivne)</p>		
<p>50.4-51.4 GHz</p> <p>FIXED</p> <p>FIXED-SATELLITE (ES)</p> <p>MOBILE</p> <p>Mobile-Satellite (ES)</p> <p>5.338A In the bands 1 350-1 400 MHz, 1 427-1 429 MHz, 1 429-1 452 MHz, 22.55-23.55 GHz, 30-31 GHz, 31-31.3 GHz, 49.7-50.2 GHz, 50.4-50.9 GHz and 51.4-52.6 GHz, Resolution 750 (WRC-07) applies. (WRC-07)</p>	<p>PAIKNE SIDE</p> <p>LIIKUV SIDE</p> <p>PAIKNE KOSMOSESIDE (ES)</p>	Riikliku kasutuse tüüp 2	
<p>51.4-52.6 GHz</p> <p>FIXED</p> <p>MOBILE</p> <p>5.547 For use by high-density applications in fixed service (Res.75) (WRC-2000) and (Res. 79) (WRC-2000). (WRC-07)</p>	<p>PAIKNE SIDE</p>	HDFS süsteemid	<p>CEPT/ERC/REC 12-11 - kanalijaotus</p> <p>EN 301 753</p> <p>EN 302 217</p>

5.556 Radio astronomy observations may be carried out under national arrangements 5.338A In the bands 1 350-1 400 MHz, 1 427-1 429 MHz, 1 429-1 452 MHz, 22.55-23.55 GHz, 30-31 GHz, 31-31.3 GHz, 49.7-50.2 GHz, 50.4-50.9 GHz and 51.4-52.6 GHz, Resolution 750 (WRC-07) applies. (WRC-07)			
52.6-54.25 GHz EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340 All emissions prohibited 5.556 Radio astronomy observations may be carried out under national arrangements	KÕIK KIIRGUSED KEELATUD MAA-UURINGUTE KOSMOSESIDE (passiivne) KOSMOSE-UURINGUD (passiivne)		
54.25-55.78 GHz EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.556A Inter-satellite service is limited to geostationary-satellite orbits SPACE RESEARCH (passive)	MAA-UURINGUTE KOSMOSESIDE (passiivne) KOSMOSE-UURINGUD (passiivne)		
55.78-56.9 GHz EARTH EXPLORATION-SATELLITE (passive) FIXED 5.557A In the bands 55.78-56.26 GHz the maximum power density delivered by a transmitter to the antenna of a fixed service station is limited to 26 dB (W/MHz) INTER-SATELLITE 5.556A Inter-satellite service is limited to geostationary-satellite orbits MOBILE 5.558 Stations in the aeronautical mobile service may be operated subject to not causing harmful interference to the inter-satellite service SPACE RESEARCH (passive) 5.547 For use by high-density applications in fixed service (Res.75) (WRC-2000) and (Res. 79) (WRC-2000). (WRC-07)	PAIKNE SIDE MAA-UURINGUTE KOSMOSESIDE (passiivne) KOSMOSE-UURINGUD (passiivne)	HDFS süsteemid	CEPT/ERC/REC 12-12 - kanalijaotus EN 301 753 EN 302 217
56.9-57 GHz EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE	PAIKNE SIDE	HDFS süsteemid	CEPT/ERC/REC 12-12 - kanalijaotus EN 301 753 EN 302 217

5.558A Inter-satellite service is limited to links between satellites in geostationary-satellite orbit and to transmission from non-geostationary satellites in high-Earth orbit to those in low-Earth orbit MOBILE 5.558 Stations in the aeronautical mobile service may be operated subject to not causing harmful interference to the inter-satellite service SPACE RESEARCH (passive) 5.547 For use by high-density applications in fixed service (Res.75) (WRC-2000) and (Res. 79) (WRC-2000). (WRC-07)	LIIKUV SIDE MAA-UURINGUTE KOSMOSESIDE (passiivne)		
	KOSMOSE-UURINGUD (passiivne)		
	PAIKNE SIDE	HDFS süsteemid FWS	CEPT/ERC/REC 12-09 - kanalijaotus EN 301 753; EN 302 217 ECC/REC/(09)01
	MAA-UURINGUTE KOSMOSESIDE (passiivne)		
57-58.2 GHz EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.556A Inter-satellite service is limited to geostationary-satellite orbits MOBILE 5.558 Stations in the aeronautical mobile service may be operated subject to not causing harmful interference to the inter-satellite service SPACE RESEARCH (passive) 5.547 For use by high-density applications in fixed service (Res.75) (WRC-2000) and (Res. 79) (WRC-2000). (WRC-07)	KOSMOSE-UURINGUD (passiivne)		
	Lähitoimeseadmed	Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
		Lairiba andmeedastussüsteem (WAS/RLAN)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 567
	PAIKNE SIDE	HDFS süsteemid FWS	CEPT/ERC/REC 12-09 - kanalijaotus EN 301 753; EN 302 217 ECC/REC/(09)01
58.2-59 GHz EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) 5.547 For use by high-density applications in fixed service (Res.75) (WRC-2000) and (Res. 79) (WRC-2000). (WRC-07) 5.556 Radio astronomy observations may be carried out under	MAA-UURINGUTE KOSMOSESIDE (passiivne)		
	KOSMOSE-UURINGUD (passiivne)		

national arrangements	Lähitoimeseadmed	Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
		Lairiba andmeedastussüsteem (WAS/RLAN)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 567
59-59.3 GHz EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.556A Inter-satellite service is limited to geostationary-satellite orbits MOBILE 5.558 Stations in the aeronautical mobile service may be operated subject to not causing harmful interference to the inter-satellite service RADIOLOCATION 5.559 Airborne radars in radiolocation service may be operated to not causing harmful interference to inter-satellite service SPACE RESEARCH (passive)	PAIKNE SIDE LIIKUV SIDE RAADIOLOKATSIOON MAA-UURINGUTE KOSMOSESIDER (passiivne) KOSMOSE-UURINGUD (passiivne)	Riikliku kasutuse tüüp 2 FWS	ECC/REC/(09)01
		Lähitoimeseadmed	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
			2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 567
	PAIKNE SIDE LIIKUV SIDE RAADIOLOKATSIOON Lähitoimeseadmed	Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
		Lairiba andmeedastussüsteem (WAS/RLAN)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 567
			2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
		61,0-61,5 GHz Mittespetsiifilised lähitoimeseadmed	ECC/REC/(09)01
			2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1
			CEPT/ERC/DEC(02)01 Nõuded vastavalt ESS § 20 lg 1
		63-64 GHz Maanteeidesüsteemi seadmed	CEPT/ECC/DEC(09)01 Nõuded vastavalt ESS § 20 lg 1
			CEPT/ECC/DEC(09)01 Nõuded vastavalt ESS § 20 lg 1

		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
		Lairiba andmeedastussüsteem (WAS/RLAN)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 567
5.138 61-61.5 GHz (centre frequency 61.25 GHz) for ISM applications	TTM aparatuur	61-61.5 GHz (kesksagedus 61.25 GHz)	
64-65 GHz FIXED INTER-SATELLITE MOBILE except aeronautical mobile 5.547 For use by high-density applications in fixed service (Res.75) (WRC-2000) and (Res. 79) (WRC-2000). (WRC-07) 5.556 Radio astronomy observations may be carried out under national arrangements	PAIKNE SIDE	HDFS süsteemid	CEPT/ECC/REC 05-02
	Lähitoimeseadmed	Lairiba andmeedastussüsteem (WAS/RLAN)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 567
65-66 GHz EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH 5.547 For use by high-density applications in fixed service (Res.75) (WRC-2000) and (Res. 79) (WRC-2000). (WRC-07)	PAIKNE SIDE	HDFS süsteemid	CEPT/ECC/REC 05-02
	Lähitoimeseadmed	Lairiba andmeedastussüsteem (WAS/RLAN)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 567
66-71 GHz INTER-SATELLITE MOBILE 5.553 Stations in land mobile service shall not cause harmful interference to the space radiocommunication services 5.558 Stations in the aeronautical mobile service may be operated subject to not causing harmful interference to the inter-satellite service MOBILE-SATELLITE	RAADIONAVIGATSIOON LIIKUV SIDE LIIKUV KOSMOSESIDER KOSMOSE -		

RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.554 Satellite links connecting land stations at specified fixed points are also authorized when used in conjunction with mobile-satellite or radionavigation-satellite service	RAADIONAVIGATSIOON		
71-74 GHz FIXED FIXED-SATELLITE (SE) MOBILE MOBILE-SATELLITE (SE)	PAIKNE SIDE PAIKNE KOSMOSESIDE (SE) LIIKUV SIDE LIIKUV KOSMOSESIDE (SE)		CEPT/ECC/REC 05-07 EN 302 217
74-75.5 GHz FIXED FIXED-SATELLITE (SE) MOBILE BROADCASTING BROADCASTING-SATELLITE Space Research (SE) 5.561 In the band 74-76 GHz, stations in the fixed, mobile and broadcasting services shall not cause harmful interference to stations of the fixed-satellite service operating in accordance with the decisions of the appropriate frequency assignment planning conference for the broadcasting-satellite service	PAIKNE SIDE PAIKNE KOSMOSESIDE (ES) RINGHÄÄLING RINGHÄÄLING (SATELLIIT) LIIKUV SIDE Kosmose-uuringud (SE)		CEPT/ECC/REC 05-07 EN 302 217
Lähitoimeseadmed	75-75.5 GHz Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372	
75.5-76 GHz FIXED FIXED-SATELLITE (SE) MOBILE BROADCASTING BROADCASTING-SATELLITE Space Research (SE) 5.561 In the band 74-76 GHz, stations in the fixed, mobile and broadcasting services shall not cause harmful interference to stations of the fixed-satellite service operating in accordance with the decisions of the appropriate frequency assignment planning conference for the broadcasting-satellite service 5.559A The band 75.5-76 GHz is also allocated to the amateur and amateur-satellite services on a primary basis until 2006	PAIKNE SIDE PAIKNE KOSMOSESIDE (SE) RINGHÄÄLING RINGHÄÄLING (SATELLIIT) Kosmose-uuringud (SE)		CEPT/ECC/REC 05-07 EN 302 217
Lähitoimeseadmed	Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372	
76-77.5 GHz	RAADIOLOKATSIOON		

RADIO ASTRONOMY	Kosmose-uuringud (SE)		
RADIOLOCATION	Amatöör-raadioside	Nõuded vastavalt ESS § 24	
Amateur	Amatöör-kosmoseside	EN 301 783	
Amateur-Satellite	Lähiotimeseadmed	76-77 GHz Maanteesidesüsteemi seadmed	CEPT/ERC/DEC(02)01 Nõuded vastavalt ESS § 20 lg 1
Space Research (SE)		EN 301 091	
5.149 Assignment to other services in band 76-86 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference		77-81 GHz Maanteesidesüsteemi seadmed	CEPT/ECC/DEC(04)03 2004/545/EÜ Nõuded vastavalt ESS § 20 lg 1
		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1
		EN 302 372	
77.5-78 GHz	AMATÖÖR-RAADIOSIDE		Nõuded vastavalt ESS § 24
AMATEUR			EN 301 783
AMATEUR-SATELLITE	AMATÖÖR-KOSMOSESIDE		
Radio astronomy	Kosmose-uuringud (SE)		
Space research (SE)	Lähiotimeseadmed	77-81 GHz Maanteesidesüsteemi seadmed	CEPT/ECC/DEC(04)03 2004/545/EÜ Nõuded vastavalt ESS § 20 lg 1
5.149 Assignment to other services in band 76-86 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1
		EN 302 372	
78-79 GHz	RAADIOLOKATSIOON		
RADIOLOCATION	Maa-uuringute kosmoseside		
Amateur	Kosmose-uuringud (SE)		
Amateur-satellite	Amatöör -raadioside	Nõuded vastavalt ESS § 24	
Radio astronomy	Amatöör-kosmoseside	EN 301 783	
Space research (SE)	Lähiotimeseadmed	77-81 GHz Maanteesidesüsteemi seadmed	CEPT/ECC/DEC(04)03 2004/545/EÜ Nõuded vastavalt ESS § 20 lg 1
5.149 Assignment to other services in band 76-86 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference		Mahutite taseme sondeerimisseadmed (TLPR)	2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1
5.560 In band 78-79 GHz radars located on space stations may be operated on a primary basis in the earth exploration-satellite and in the space research services		EN 302 372	
79-81 GHz	RAADIOLOKATSIOON		
RADIOLOCATION			

RADIO ASTRONOMY Amateur Amateur-Satellite Space Research (SE) 5.149 Assignment to other services in band 76-86 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference	Kosmose-uuringud (SE) Amatöör-raadioside Amatöör-kosmoseside Lähitoimeseadmed PAIKNE SIDE PAIKNE KOSMOSESIDE (ES) LIIKUV SIDE LIIKUV KOSMOSESIDE (ES) Kosmose-uuringud (SE)		Nõuded vastavalt ESS § 24 EN 301 783 CEPT/ECC/DEC(04)03 2004/545/EÜ Nõuded vastavalt ESS § 20 lg 1 2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372 CEPT/ECC/REC 05-07 EN 302 217
81-84 GHz FIXED FIXED-SATELLITE (ES) MOBILE MOBILE-SATELLITE (ES) RADIO ASTRONOMY Space Research (SE) 5.149 Assignment to other services in band 76-86 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference 5.560A The 81-81.5 GHz band is also allocated to the amateur and amateur-satellite services on a secondary basis	Amatöör-raadioside Amatöör-kosmoseside Lähitoimeseadmed PAIKNE SIDE PAIKNE KOSMOSESIDE (ES) LIIKUV SIDE LIIKUV KOSMOSESIDE (ES) Kosmose-uuringud (SE)		Nõuded vastavalt ESS § 24 EN 301 783 2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
84-86 GHz FIXED FIXED-SATELLITE (ES) MOBILE RADIO ASTRONOMY 5.149 Assignment to other services in band 76-86 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference	PAIKNE SIDE PAIKNE KOSMOSESIDE (ES) LIIKUV SIDE Lähitoimeseadmed 84-85 GHz Mahutite taseme sondeerimisseadmed (TLPR)		CEPT/ECC/REC 05-07 EN 302 217 2009/381/EÜ Nõuded vastavalt ESS § 20 lg 1 EN 302 372
86-92 GHz EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 All emissions prohibited	KÕIK KIIRGUSED KEELATUD MAA-UURINGUTE KOSMOSESIDE (passiivne) KOSMOSE-UURINGUD (passiivne)		

92-94 GHz FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149 Assignment to other services in band 92-94 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference	PAIKNE SIDE LIIKUV SIDE RAADIOLOKATSIOON		
94-94.1 GHz EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) Radio astronomy 5.562 Earth exploration-satellite (active) and space research (active) services are limited to spaceborne cloud radars 5.562A Space agencies operating the transmitters and the radio astronomy stations should mutually plan their operations to avoid the damage of radio astronomy receivers caused by the transmissions from space stations of the Earth exploration-satellite service (active) that are directed into the main beam of a radio astronomy antenna	RAADIOLOKATSIOON MAA-UURINGUTE KOSMOSESIDE (aktiivne) KOSMOSE-UURINGUD (aktiivne)		
94.1-95 GHz FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149 Assignment to other services in band 94.1-100 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference	PAIKNE SIDE LIIKUV SIDE RAADIOLOKATSIOON		
95-100 GHz FIXED MOBILE RADIONAVIGATION RADIONAVIGATION-SATELLITE RADIOLOCATION RADIO ASTRONOMY	PAIKNE SIDE LIIKUV SIDE RAADIONAVIGATSIOON KOSMOSE- RAADIONAVIGATSIOON RAADIOLOKATSIOON		

<p>5.149 Assignment to other services in band 94.1-100 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference</p> <p>5.554 Satellite links connecting land stations at specified fixed points are also authorized when used in conjunction with mobile-satellite or radionavigation-satellite service</p>			
<p>100-102 GHz</p> <p>EARTH EXPLORATION-SATELLITE (passive)</p> <p>RADIO ASTRONOMY</p> <p>SPACE RESEARCH (passive)</p> <p>5.341 By some countries band 101-120 GHz used for search of extraterrestrial emissions</p> <p>5.340 All emissions are prohibited in the band 100-102 GHz</p>	<p>KÕIK KIIRGUSED KEELATUD MAA-UURINGUTE KOSMOSESIDE (passiivne) KOSMOSE-UURINGUD (passiivne)</p>		
<p>102-105 GHz</p> <p>FIXED</p> <p>RADIO ASTRONOMY</p> <p>MOBILE</p> <p>5.341 By some countries used for search of extraterrestrial emissions</p> <p>5.149 Assignment to other services in band 102-109.5 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference</p>	<p>PAIKNE SIDE</p> <p>LIIKUV SIDE</p>		
<p>105-109.5 GHz</p> <p>FIXED</p> <p>MOBILE</p> <p>RADIO ASTRONOMY</p> <p>SPACE RESEARCH (passive)</p> <p>5.562B Use of this allocation is limited to space-based radio astronomy only</p> <p>5.341 By some countries used for search of extraterrestrial emissions</p> <p>5.149 Assignment to other services in band 102-109.5 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference</p>	<p>PAIKNE SIDE</p> <p>LIIKUV SIDE</p> <p>KOSMOSE-UURINGUD (passiivne)</p>		
<p>109.5-111.8 GHz</p> <p>EARTH EXPLORATION- SATELLITE (passive)</p> <p>RADIO ASTRONOMY</p> <p>SPACE RESEARCH (passive)</p>	<p>KÕIK KIIRGUSED KEELATUD MAA-UURINGUTE KOSMOSESIDE (passiivne)</p>		

5.341 By some countries used for search of extraterrestrial emissions 5.340 All emissions are prohibited in the band 109.5-111.8 GHz	KOSMOSE-UURINGUD (passiivne)		
111.8-114.25 FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B Use of this allocation is limited to space-based radio	PAIKNE SIDE LIIKUV SIDE KOSMOSE-UURINGUD (passiivne)		
5.341 By some countries used for search of extraterrestrial emissions 5.149 Assignment to other services in band 111.8-114.25 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference			
114.25-116 GHz EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 All emissions prohibited 5.341 By some countries used for search of extra terrestrial emissions	KÕIK KIIRGUSED KEELATUD MAA-UURINGUTE KOSMOSESID (passiivne) KOSMOSE-UURINGUD (passiivne)		
116-119.98 GHz EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562C Use of the band 116-122.25 GHz by the inter-satellite service is limited to satellites in the geostationary-satellite orbit. The single -entry power flux-density produced by a station in the inter-satellite service, for all conditions and methods of modulation, at all altitudes from 0 to 1000 km above the Earth surface and the vicinity of all geostationary orbital positions occupied by passive sensors shall not exceed -148 dB (W/(m ² *MHz)) for all angles of arrival SPACE RESEARCH (passive) 5.341 By some countries used for search of extra terrestrial emissions	MAA-UURINGUTE KOSMOSESID (passiivne) KOSMOSE-UURINGUD (passiivne)		
119.98-120.02 GHz EARTH EXPLORATION-SATELLITE (passive)	PAIKNE SIDE		

FIXED INTER-SATELLITE 5.562C Use of the band 116-122.25 GHz by the inter-satellite service is limited to satellites in the geostationary-satellite orbit. The single –entry power flux-density produced by a station in the inter-satellite service, for all conditions and methods of modulation, at all altitudes from 0 to 1000 km above the Earth surface and the vicinity of all geostationary orbital positions occupied by passive sensors shall not exceed -148 dB (W/(m ² *MHz)) for all angles of arrival SPACE RESEARCH (passive) 5.341 By some countries used for search of extra terrestrial emissions	MAA-UURINGUTE KOSMOSESIDE (passiivne) KOSMOSE-UURINGUD (passiivne)		
120.02-122.25 GHz EARTH EXPLORATION SATELLITE (passive) INTER-SATELLITE 5.562C Use of the band 116-122.25 GHz by the inter-satellite service is limited to satellites in the geostationary-satellite orbit. The single –entry power flux-density produced by a station in the inter-satellite service, for all conditions and methods of modulation, at all altitudes from 0 to 1000 km above the Earth surface and the vicinity of all geostationary orbital positions occupied by passive sensors shall not exceed -148 dB (W/(m ² *MHz)) for all angles of arrival SPACE RESEARCH (passive) 5.138 122-123 GHz (centre frequency 122.5 GHz) for ISM applications	MAA-UURINGUTE KOSMOSESIDE (passiivne) KOSMOSE-UURINGUD (passiivne)		
Lähitoimeseadmed	122-123 GHz Mittespetsiifilised lähitoimeseadmed	CEPT/ERC/REC 70-03 (Annex1) Nõuded vastavalt ESS § 20 lg 1	
TTM aparatuur	122-123 GHz (keskagedus 122.5 GHz)		
122.25-123 GHz FIXED INTER-SATELLITE 5.558 Stations in the aeronautical mobile service may be operated subject to not causing harmful interference to the inter-satellite service MOBILE Amateur 5.138 122-123 GHz (centre frequency 122.5 GHz) for ISM applications	PAIKNE SIDE LIIKUV SIDE Amatöör-raadioside		Nõuded vastavalt ESS § 24
Lähitoimeseadmed	122-123 GHz Mittespetsiifilised lähitoimeseadmed	CEPT/ERC/REC 70-03 (Annex1) Nõuded vastavalt ESS § 20 lg 1	

123-126 GHz FIXED-SATELLITE (SE) MOBILE-SATELLITE (SE) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy 5.554 Satellite links connecting land stations at specified fixed points are also authorized when used in conjunction with mobile-satellite or radionavigation-satellite service	PAIKNE KOSMOSESIDER (SE) LIIKUV KOSMOSESIDER (SE) RAADIONAVIGATSIOON KOSMOSE- RAADIONAVIGATSIOON		
126-130 GHz FIXED-SATELLITE (SE) MOBILE-SATELLITE (SE) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy 5.554 Satellite links connecting land stations at specified fixed points are also authorized when used in conjunction with mobile-satellite or radionavigation-satellite service 5.149 Assignment to other services in band 128.33-128.59 GHz and 129.23-129.49 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference	PAIKNE KOSMOSESIDER (SE) LIIKUV KOSMOSESIDER (SE) RAADIONAVIGATSIOON KOSMOSE- RAADIONAVIGATSIOON		
130-134 GHz EARTH EXPLORATION-SATELLITE (active) 5.562E The allocation to the Earth exploration-satellite service (active) is limited to the band 133.5-134 GHz FIXED INTER-SATELLITE MOBILE 5.558 Stations in the aeronautical mobile service may be operated subject to not causing harmful interference to the inter-satellite service RADIO ASTRONOMY 5.149 Assignment to other services in band 130-134 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference	MAA-UURINGUTE KOSMOSESIDER (aktiivne) PAIKNE SIDE LIIKUV SIDE		

5.562A Space agencies operating the transmitters and the radio astronomy stations should plan their operations to avoid the damage of radio astronomy receivers caused by the transmissions from space stations of the Earth exploration-satellite service (active) that are directed into the main beam of a radio astronomy antenna			
134-136 GHz AMATEUR AMATEUR-SATELLITE Radio astronomy	AMATÖÖR-RAADIOSIDE AMATÖÖR-KOSMOSESIDE		Nõuded vastavalt ESS § 24
136-141 GHz RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite	RAADIOLOKATSIOON		
5.149 Assignment to other services in band 136-148.5 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference	Amatöör-raadioside Amatöör-kosmoseside		Nõuded vastavalt ESS § 24
141-148.5 GHz FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149 Assignment to other services in band 136-148.5 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference	PAIKNE SIDE LIIKUV SIDE RAADIOLOKATSIOON		
148.5-151.5 GHz EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 All emissions prohibited	KÕIK KIIRGUSED KEELATUD MAA-UURINGUTE KOSMOSESIDE (passiivne) KOSMOSE-UURINGUD (passiivne)		
151.5-155.5 GHz FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	PAIKNE SIDE LIIKUV SIDE RAADIOLOKATSIOON		

5.149 Assignment to other services in band 151.5-158.5 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference			
155.5-158.5 GHz FIXED MOBILE EARTH EXPLORATION-SATELLITE (passive) 5.562F The allocation to the Earth exploration-satellite (passive) and space research (passive) services shall terminate on 01.01.2018 SPACE RESEARCH (passive) 5.562B Use of this allocation is limited to space-based radio astronomy only RADIO ASTRONOMY 5.149 Assignment to other services in band 151.5-158.5 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference 5.562G The date of entry into force of the allocation to the fixed and mobile services shall be 01.01.2018	PAIKNE SIDE LIIKUV SIDE MAA-UURINGUTE KOSMOSESID (passiivne) (kuni 01.01.2018) KOSMOSE-UURINGUD (passiivne) (kuni 01.01.2018)		
158.5-164 GHz FIXED FIXED-SATELLITE (SE) MOBILE MOBILE-SATELLITE (SE)	PAIKNE SIDE PAIKNE KOSMOSESID (SE) LIIKUV SIDE LIIKUV KOSMOSESID (SE)		
164-167 GHz EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 All emissions prohibited	KÕIK KIIRGUSED KEELATUD MAA-UURINGUTE KOSMOSESID (passiivne) KOSMOSE-UURINGUD (passiivne)		
167-168 GHz FIXED FIXED-SATELLITE (SE) INTER-SATELLITE MOBILE 5.558 Stations in the aeronautical mobile service may be operated subject to not causing harmful interference to the inter-satellite service	PAIKNE SIDE PAIKNE KOSMOSESID (SE) LIIKUV SIDE		
168-170 GHz	PAIKNE SIDE		

FIXED FIXED-SATELLITE (SE) INTER-SATELLITE MOBILE 5.558 Stations in the aeronautical mobile service may be operated subject to not causing harmful interference to the inter-satellite service 5.149 Assignment to other services in band 168.59-168.93 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference	PAIKNE KOSMOSESIDE (SE) LIIKUV SIDE		
170-174.5 GHz FIXED FIXED-SATELLITE (SE) INTER-SATELLITE MOBILE 5.558 Stations in the aeronautical mobile service may be operated subject to not causing harmful interference to the inter-satellite service 5.149 Assignment to other services in band 171.11-171.45 GHz, 172.31-172.65 GHz and 173.52-173.85 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference	PAIKNE SIDE PAIKNE KOSMOSESIDE (SE) LIIKUV SIDE		
174.5-174.8 GHz FIXED INTER-SATELLITE MOBILE 5.558 Stations in the aeronautical mobile service may be operated subject to not causing harmful interference to the inter-satellite service	PAIKNE SIDE LIIKUV SIDE		
174.8-182 GHz INTER-SATELLITE	MAA-UURINGUTE KOSMOSESIDE (passiivne)		

<p>5.562H Use of the band 174.8-182 GHz and 185-190 GHz by the inter-satellite service is limited to satellites in the geostationary-satellite orbit. The single -entry power flux-density produced by a station in the inter-satellite service, for all conditions and methods of modulation, at all altitudes from 0 to 1000 km above the Earth surface and the vicinity of all geostationary orbital positions occupied by passive sensors shall not exceed –144 dB (W/(m²*MHz)) for all angles of arrival</p> <p>EARTH EXPLORATION-SATELLITE (passive)</p> <p>SPACE RESEARCH (passive)</p>	<p>KOSMOSE-UURINGUD (passiivne)</p>		
<p>182-185 GHz</p> <p>EARTH EXPLORATION-SATELLITE (passive)</p> <p>5.340 All emissions prohibited</p> <p>RADIO ASTRONOMY</p> <p>SPACE RESEARCH (passive)</p>	<p>KÕIK KIIRGUSED KEELATUD MAA-UURINGUTE KOSMOSESIDE (passiivne) KOSMOSE-UURINGUD (passiivne)</p>		
<p>185-190 GHz</p> <p>EARTH EXPLORATION-SATELLITE (passive)</p> <p>INTER-SATELLITE</p> <p>SPACE RESEARCH (passive)</p> <p>5.562H Use of the band 174.8-182 GHz and 185-190 GHz by the inter-satellite service is limited to satellites in the geostationary-satellite orbit. The single -entry power flux-density produced by a station in the inter-satellite service, for all conditions and methods of modulation, at all altitudes from 0 to 1000 km above the Earth surface and the vicinity of all geostationary orbital positions occupied by passive sensors shall not exceed –144 dB (W/(m²*MHz)) for all angles of arrival</p>	<p>MAA-UURINGUTE KOSMOSESIDE (passiivne) KOSMOSE-UURINGUD (passiivne)</p>		
<p>190-191.8 GHz</p> <p>EARTH EXPLORATION-SATELLITE (passive)</p> <p>SPACE RESEARCH (passive)</p> <p>5.340 All emissions prohibited</p>	<p>KÕIK KIIRGUSED KEELATUD MAA-UURINGUTE KOSMOSESIDE (passiivne) KOSMOSE-UURINGUD (passiivne)</p>		
<p>191.8-200 GHz</p> <p>FIXED</p> <p>INTER-SATELLITE</p> <p>MOBILE</p>	<p>PAIKNE SIDE LIIKUV SIDE LIIKUV KOSMOSESIDE RAADIONAVIGATSIOON</p>		

<p>5.558 Stations in the aeronautical mobile service may be operated subject to not causing harmful interference to the inter-satellite service</p> <p>MOBILE-SATELLITE</p> <p>RADIONAVIGATION</p> <p>RADIONAVIGATION-SATELLITE</p> <p>5.341 By some countries band 197-220 GHz used for search of extraterrestrial emissions</p> <p>5.554 Satellite links connecting land stations at specified fixed points are also authorized when used in conjunction with mobile-satellite or radionavigation-satellite service</p> <p>5.149 Assignment to other services in band 195.75-196.15 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference</p>	<p>KOSMOSE-RAADIONAVIGATSIOON</p>		
<p>200-202 GHz</p> <p>EARTH EXPLORATION-SATELLITE (passive)</p> <p>RADIO ASTRONOMY</p> <p>SPACE RESEARCH (passive)</p> <p>5.341 By some countries used for search of extraterrestrial emissions</p> <p>5.340 All emissions prohibited</p> <p>5.563A In the bands 200-209 GHz, 235-238 GHz, 250-252 GHz and 265-275 GHz, ground –based passive atmospheric sensing is carried out to monitor atmospheric constituents</p>	<p>KÕIK KIIRGUSED KEELATUD</p> <p>MAA-UURINGUTE</p> <p>KOSMOSESIDE (passiivne)</p> <p>KOSMOSE-UURINGUD (passiivne)</p>		
<p>202-209 GHz</p> <p>EARTH EXPLORATION –SATELLITE (passive)</p> <p>RADIO ASTRONOMY</p> <p>SPACE RESEARCH (passive)</p> <p>5.340 All emissions prohibited</p> <p>5.341 By some countries used for search of extraterrestrial emissions</p> <p>5.563A In the bands 200-209 GHz, 235-238 GHz, 250-252 GHz and 265-275 GHz, ground –based passive atmospheric sensing is carried out to monitor atmospheric constituents</p>	<p>KÕIK KIIRGUSED KEELATUD</p> <p>MAA-UURINGUTE</p> <p>KOSMOSESIDE (passiivne)</p> <p>KOSMOSE-UURINGUD (passiivne)</p>		
<p>209-217 GHz</p> <p>FIXED</p> <p>FIXED-SATELLITE (ES)</p>	<p>PAIKNE SIDE</p> <p>PAIKNE KOSMOSESIDE (ES)</p> <p>LIIKUV SIDE</p>		

MOBILE RADIO ASTRONOMY 5.149 Assignment to other services in band 209-226 GHz shall be made bearing in mind protection of the radio astronomy service (spectral line observation) from harmful interference 5.341 By some countries used for search of extraterrestrial emissions			
217-226 GHz FIXED FIXED-SATELLITE (ES) MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B Use of this allocation is limited to space-based radio astronomy only 5.149 Assignment to other services in band 209-226 GHz shall be made bearing in mind protection of the radio astronomy service from harmful interference 5.341 By some countries used for search of extraterrestrial emissions	PAIKNE SIDE PAIKNE KOSMOSESIDE (ES) LIIKUV SIDE KOSMOSE-UURINGUD (passiivne)		
226-231.5-GHz EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 All emissions prohibited	KÕIK KIIRGUSED KEELATUD MAA-UURINGUTE KOSMOSESIDE (passiivne) KOSMOSE-UURINGUD (passiivne)		
231.5-232 GHz FIXED MOBILE Radiolocation	PAIKNE SIDE LIIKUV SIDE Raadiolokatsioon		
232-235 GHz FIXED FIXED-SATELLITE (SE) MOBILE Radiolocation	PAIKNE SIDE PAIKNE KOSMOSESIDE (SE) LIIKUV SIDE Raadiolokatsioon		
235-238 GHz EARTH EXPLORATION-SATELLITE (passive) FIXED-SATELLITE (SE)	PAIKNE KOSMOSESIDE (SE) MAA-UURINGUTE		

SPACE RESEARCH (passive) 5.563A In the bands 200-209 GHz, 235-238 GHz, 250-252 GHz and 265-275 GHz, ground –based passive atmospheric sensing is carried out to monitor atmospheric constituents 5.563B The band 237.9-238 GHz is also allocated to the Earth exploration-satellite service (acrtive) and the space research service (active) for spaceborne radars only	KOSMOSESIDER (passiivne) KOSMOSE-UURINGUD (passiivne)		
238-240 GHz FIXED RADIONAVIGATION-SATELLITE FIXED-SATELLITE (SE) MOBILE RADIOLOCATION RADIONAVIGATION	PAIKNE SIDE PAIKNE KOSMOSESIDER (SE) LIIKUV SIDE RAADIOLOKATSIOON RAADIONAVIGATSIOON KOSMOSE- RAADIONAVIGATSIOON		
240-241 GHz FIXED MOBILE RADIOLOCATION	PAIKNE SIDE LIIKUV SIDE RAADIOLOKATSIOON		
241-248 GHz RADIOLOCATION RADIO ASTRONOMY Amateur Amateur-Satellite 5.138 244-246 GHz (centre frequency 245GHz) for ISM applications 5.149 Assignment to other services in band 241-250 GHz shall be made bearing in mind protection of the radio astronomy service from harmful interference	RAADIOLOKATSIOON Amatöör-kosmoseside Amatöör-raadioside Lähitoimeseadmed TTM aparatuur	244-246 GHz Mittespetsiifilised lähitoimeseadmed 244-246 GHz (keskagedus 245GHz)	Nõuded vastavalt ESS § 24 CEPT/ERC/REC 70-03 (Annex1) Nõuded vastavalt ESS § 24 Nõuded vastavalt ESS § 24
248-250 GHz AMATEUR AMATEUR-SATELLITE Radio astronomy 5.149 Assignment to other services in band 241-250 GHz shall be made bearing in mind protection of the radio astronomy service from harmful interference	AMATÖÖR-RAADIOSIDE AMATÖÖR-KOSMOSESIDER		
250-252 GHz EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY	KÕIK KIIRGUSED KEELATUD MAA-UURINGUTE KOSMOSESIDER (passiivne)		

SPACE RESEARCH (passive) 5.340 All emissions prohibited 5.563A In the bands 200-209 GHz, 235-238 GHz, 250-252 GHz and 265-275 GHz, ground -based passive atmospheric sensing is carried out to monitor atmospheric constituents	KOSMOSE-UURINGUD (passiivne)		
252-265 GHz FIXED MOBILE MOBILE-SATELLITE (ES) RADIO ASTRONOMY RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149 Assignment to other services in bands 252-275 GHz shall be made bearing in mind protection of the radio astronomy service from harmful interference 5.554 Satellite links connecting land stations at specified fixed points are also authorized when used in conjunction with mobile-satellite or radionavigation-satellite service	PAIKNE SIDE LIIKUV SIDE LIIKUV KOSMOSESIDE (ES) RAADIONAVIGATSIOON KOSMOSE- RAADIONAVIGATSIOON		
265-275 GHz FIXED FIXED-SATELLITE (ES) MOBILE RADIO ASTRONOMY 5.149 Assignment to other services in bands 252-275 GHz shall be made bearing in mind protection of the radio astronomy service from harmful interference 5.563A In the bands 200-209 GHz, 235-238 GHz, 250-252 GHz and 265-275 GHz, ground -based passive atmospheric sensing is carried out to monitor atmospheric constituents	PAIKNE SIDE PAIKNE KOSMOSESIDE (ES) LIIKUV SIDE		
275-1000 GHz (Not allocated) 5.565 The band may be used for experimentation and development of various active and passive services			