

Belgium	Radio Interface Specification	Intelligent Transport Systems (ITS)	I01-05 - V1.1 - 02/07/2024	
	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication service	Mobile	
	2	Application	Inductive applications	
	3	Frequency band	823,5-875 kHz	823,5 kHz and 875 KHz
	4	Channelling		
	5	Modulation/Occupied bandwidth		
	6	Direction/Separation		
	7	Transmit power/Power density	10 dB $\mu$ A/m at 10 m	In case of external antennas only loop coil antennas may be employed.
	8	Channel access and occupation rules		
	9	Authorisation regime	General authorisation	Operation on NIB/NPB (Non interference basis/ Non protection basis)
	10	Additional essential requirements		
	11	Frequency planning assumption		
Informative part	12	Planned Change		
	13	Reference	EN 300 330	Only the version(s) mentioned in the most recent list of Harmonised Standards under the directive 2014/53/EU (RED) as published by the European Commission in the OJEU can be used to enjoy presumption of conformity.
	14	Notification number	2024/0145/B	
	15	Remarks	Class 2 according Decision 2000/299/EC	

Belgium	Radio Interface Specification	Intelligent Transport Systems (ITS)	I01-02 - V4.1 - 08/05/2025	
	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication service	Mobile	
	2	Application	Intelligent Transport Systems	This set of usage conditions is only available to vehicle-to-vehicle, vehicle-to-infrastructure and infrastructure-to-vehicle systems.
	3	Frequency band	5855-5875 MHz	
	4	Channelling	10 MHz	
	5	Modulation/Occupied bandwidth		
	6	Direction/Separation		
	7	Transmit power/Power density	33 dBm e.i.r.p., 23 dBm/MHz e.i.r.p. density and a Transmit Power Control (TPC) able to reduce the total power from its maximum to 3 dBm e.i.r.p.	
	8	Channel access and occupation rules	Techniques to access spectrum and mitigate interference that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques are described in harmonised standards or parts thereof the references of which have been published in the Official Journal of the European Union under Directive 2014/53/EU, performance at least equivalent to these techniques shall be ensured.	
	9	Authorisation regime	General authorisation	Operation on NIB/NPB (Non interference basis/ Non protection basis)
	10	Additional essential requirements		
	11	Frequency planning assumption		
Informative part	12	Planned Change		
	13	Reference	Most recent version of Decision 2006/771/EU ECC/REC(08)01 EN302 571	Only the version(s) mentioned in the most recent list of Harmonised Standards under the directive 2014/53/EU (RED) as published by the European Commission in the OJEU can be used to enjoy presumption of conformity.
	14	Notification number		
	15	Remarks	Class 2 according Decision 2000/299/EC	

Belgium	Radio Interface Specification	Intelligent Transport Systems (ITS)	I01-01 - V3.1 - 20/12/2022	
	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication service	Mobile	
	2	Application	Intelligent Transport Systems	Road ITS
	3	Frequency band	5875-5925 MHz	5 915-5 925 MHz is limited to applications involving infrastructure-to-vehicle (I2V) connectivity only.
	4	Channelling	<=10 MHz	
	5	Modulation/Occupied bandwidth		
	6	Direction/Separation		
	7	Transmit power/Power density	Maximum spectral power density (mean e.i.r.p.): 23 dBm/MHz; Maximum total transmit power (mean e.i.r.p.): 33 dBm with transmit power control (TPC) able to reduce the total power from its maximum to 3 dBm e.i.r.p	
	8	Channel access and occupation rules	Techniques to access spectrum and mitigate interference that provide an appropriate level of performance shall be used in line with Directive 2014/53/EU of the European Parliament and of the Council. If relevant techniques are described in harmonised standards or parts thereof the references of which have been published in the Official Journal of the European Union under Directive 2014/53/EU, performance at least equivalent to the performance level associated to those techniques shall be ensured. equivalent to the performance level associated to those techniques shall be ensured	
	9	Authorisation regime	General authorisation	Operation on NIB/NPB (Non interference basis/ Non protection basis)
	10	Additional essential requirements		
	11	Frequency planning assumption		
Informative part	12	Planned Change		
	13	Reference	Commission Implementing Decision (EU) 2020/1426; ECC DEC(08)01; EN 302 571	Only the version(s) mentioned in the most recent list of Harmonised Standards under the directive 2014/53/EU (RED) as published by the European Commission in the OJEU can be used to enjoy presumption of conformity.
	14	Notification number		
	15	Remarks	Class 2 according Decision 2000/299/EC	

Belgium	Radio Interface Specification	Intelligent Transport Systems (ITS)	I01-04 - V1.1 - 20/12/2022	
	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication service	Mobile	
	2	Application	Intelligent Transport Systems	Urban rail ITS
	3	Frequency band	5875-5935 MHz	Road ITS applications have priority below 5 915 MHz.
	4	Channelling	<= 10 MHz below 5915 MHz, up to 20 MHz above 5915 MHz	
	5	Modulation/Occupied bandwidth		
	6	Direction/Separation		
	7	Transmit power/Power density	Maximum spectral power density (mean e.i.r.p.): 23 dBm/MHz; Maximum total transmit power (mean e.i.r.p.): 33 dBm with transmit power control (TPC) able to reduce the total power from its maximum to 3 dBm e.i.r.p	
	8	Channel access and occupation rules	Techniques to access spectrum and mitigate interference that provide an appropriate level of performance shall be used in line with Directive 2014/53/EU of the European Parliament and of the Council. If relevant techniques are described in harmonised standards or parts thereof the references of which have been published in the Official Journal of the European Union under Directive 2014/53/EU, performance at least equivalent to the performance level associated to those techniques shall be ensured. equivalent to the performance level associated to those techniques shall be ensured	
	9	Authorisation regime	General authorisation	Operation on NIB/NPB (Non interference basis/ Non protection basis)
	10	Additional essential requirements		
	11	Frequency planning assumption		
Informative part	12	Planned Change		
	13	Reference	Commission Implementing Decision (EU) 2020/1426; ECC DEC(08)01; EN 303 867	Only the version(s) mentioned in the most recent list of Harmonised Standards under the directive 2014/53/EU (RED) as published by the European Commission in the OJEU can be used to enjoy presumption of conformity.
	14	Notification number		
	15	Remarks	Class 2 according Decision 2000/299/EC	