

RO-IR 14

TECHNICAL REGULATION

for the radio interface

concerning Citizens' Band (CB) radio equipment

98/34/EC Notification number: 2014/610/RO

1. Basic considerations

The Radio Equipment and Telecommunications Terminal Equipment Directive 1999/5/EC (R&TTE Directive) was implemented in Romania (RO) by Government Decision No. 130/2015.

This technical regulation contains the necessary equipment parameters for the use of licence exempt Citizens' Band (CB) radio communications in the specified frequency band and considers especially compliance with Articles 3.2, 4.1, 6 and 7.2 of Directive 1999/5/EC.

Nothing in this technical regulation shall preclude the need for equipment placed on the market in Romania to comply with Directive 1999/5/EC.

The obligations arising from Directive 98/34/EC of the European Parliament and of the Council of 22 June 1998 laying down a procedure for the provision of information in the field of technical standards and regulations and of rules on Information Society services (OJ L 204 p. 37), as amended by Directive 98/48/EC of the European Parliament and of the Council of 20 July 1998 (OJ L 217 p. 18), have been met.

All Romanian technical regulations notified under Directive 1998/34/EC will be published and will be made available free of charge from the ANCOM web-site at:

http://www.ancom.org.ro/en/interface-regulations-_2723

2. Radio Interface Specifications

Citizens' Band (CB) radio communications

Frequency band	Annex
26.960-27.410 MHz (Angle-modulation – F3E/G3E)	RO-IR 14–01
26.960-27.410 MHz (Amplitude Modulation – A3E or J3E)	RO-IR 14–02

Angle modulations: F3E/G3E classes of emission as defined in the ITU Radio Regulations, corresponding to modulation with an audio pre-emphasis characteristic for the FM transmitter and an audio de-emphasis characteristic for the receiver.

Double Side Band (DSB) modulation: A3E class of emission as defined in the ITU Radio Regulations, corresponding to double side band amplitude modulation.

Single Side Band (SSB) modulation: J3E class of emission as defined in the ITU Radio Regulations, corresponding to single side band suppressed carrier amplitude modulation, using either USB (Upper Side Band) or LSB (Lower Side Band).

The use of radio spectrum by Citizens' Band (CB) radio equipment is allowed provided that such equipment meets the conditions set out in the Annexes.

ROMANIA	Radio Interface Specification	Citizens' Band (CB) radio communications	RO-IR 14-01	Edition 1/ 2014
---------	-------------------------------	--	-------------	-----------------

	Nr	Parameter	Description	Comments
Normative part	1	Radio communication service	Mobile	
	2	Application	Citizens' Band (CB) radio communications	
	3	Frequency band	26.960-27.410 MHz excluding the channels with central frequencies 26.995 MHz, 27.045 MHz, 27.095 MHz, 27.145 MHz and 27.195 MHz	
	4	Channelling	10 kHz	
	5	Modulation / Occupied bandwidth	F3E/G3E (angle modulation with appropriate pre-emphasis and de-emphasis)	
	6	Direction / Separation	-	
	7	Transmit power / Power density	Max. 4 W effective radiated power (e.r.p.)	
	8	Channel access and occupation rules	Transmission and reception takes place on the same channel (single frequency simplex mode)	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements		
	11	Frequency planning assumptions	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 300 433; EN 300 135; ECC/DEC/(11)03	
	14	Notification number	2014/610/RO	
	15	Remarks	-	

ROMANIA	Radio Interface Specification	Citizens' Band (CB) radio communications	RO-IR 14-02	Edition 1/ 2014
---------	-------------------------------	--	-------------	-----------------

	Nr	Parameter	Description	Comments
Normative part	1	Radio communication service	Mobile	
	2	Application	Citizens' Band (CB) radio communications	
	3	Frequency band	26.960-27.410 MHz excluding the channels with central frequencies 26.995 MHz, 27.045 MHz, 27.095 MHz, 27.145 MHz and 27.195 MHz	
	4	Channelling	10 kHz	
	5	Modulation / Occupied bandwidth	a) A3E b) J3E	
	6	Direction / Separation	-	
	7	Transmit power / Power density	a) Max. 4 W e.r.p. (measured as a root mean square) b) Max. 12 W e.r.p. (measured as a peak envelope power)	a) For Double Side Band (DSB) amplitude modulated equipment b) For Single Side Band (SSB) amplitude modulated equipment
	8	Channel access and occupation rules	Transmission and reception takes place on the same channel (single frequency simplex mode)	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements	-	
	11	Frequency planning assumptions	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 300 433; ECC/DEC/(11)03	
	14	Notification number	2014/610/RO	
	15	Remarks	-	