República Argentina - Poder Ejecutivo Nacional
2017 - Year of Renewable Energy

Annex

Number: IF-2017-11926154-APN-ENACOM#MCO

CIUDAD DE BUENOS AIRES
Viernes 16 de Junio de 2017

Reference: ANEXO EXPCNC 13949/98 - ACTA 21

ALLOCATED FREQUENCY BANDS TO BE USED BY LOW POWER DEVICES

Band	Electrical Field Strength	Bandwidth	Non-desired Emissions Level
[MHz]	[µV/m]		
0,009 to 0,490	2.400 / f(kHz) @ 300 m	Contained within the allocated band @ -20 dB	≤ fundamental band
3,155 to 3,400	100 @ 30 m (1)	Contained within the allocated band @ -20 dB	≤ fundamental band
7,400 to 8,800	100 @ 30 m (1)	Contained within the allocated band @ -20 dB	≤ fundamental band
10,440 to 10,760	30 @ 30 m (2)	320 kHz @ -15 dB	≤ fundamental band
13,553 to 13,567	15.848 @ 30 m (2)	- - -	(3)
30 to 37,5	100 @ 3 m	Contained within the allocated band @ -20 dB	≤ fundamental band
88 to 108	250 @ 3 m	Contained within the allocated band @ -20 dB	≤ fundamental band
138,200 to 138,450	150 @ 3 m	Contained within the allocated band @ -20 dB	≤ fundamental band
216 to 217	200 @ 3 m	Contained within the allocated band @ -20 dB	≤ fundamental band
310 to 314	200 @ 3 m	Contained within the allocated band @ -20 dB	≤ fundamental band
401 to 402	18.260 @ 3 m	100 kHz@ -20 dB	≤ fundamental band
402 to 405	18.260 @ 3 m	300 kHz @ -20 dB	≤ fundamental band
405 to 406	18.260 @ 3 m	100 kHz @ -20 dB	≤ fundamental band
433,075 to 434,775	366.000 @ 3 m	Contained within the allocated band @ -20 dB	≤ fundamental band
902 to 928	50.000 @ 3 m	Contained within the allocated band @ -20 dB	≤ fundamental band
		Contained within the	

2.400,0 to 2.483,5	50.000 @ 3 m	allocated band @ -20 dB	≤ fundamental band
3.100 to 10.600	1.000 @ 3 m (4)	Contained within the allocated band @ -10 dB	≤ fundamental band
22.000 to 26.650	1.000 @ 3 m (4)	Contained within the allocated band @ -10 dB	≤ fundamental band

The electrial field limits are referenced to measurements performed in an Open Zone Testing Site (OATS).

NOTES:

(1) Except that the bandwidth at 6 dB (AB) of the emission is less than 10% of the central frequency (fc), in which case the limit is, E = AB(kHz) / fc(MHz) in µV/m, but not less than 15 µV/m.

(2) The involved HF channels have secondary attribution under the ITU Radio Regulations.

(3) Within 13,410-13,553 MHz and 13,567-13,710 frequency bands, the field strength of any emission shall not exceed 334 µV/m measured at 30 m.

Within 13,110-13,410 MHz and 13,710-14,010 MHz bands, the field strength of any emission shall not exceed 106 µV/m measured at 30 m.

The field strength of emissions occurring outside the 13,110 - 14,010MHz shall not exceed 30 µV/m measured at 30 m.

(4) The value of 1000 µV/m corresponds to the average field value, measured with a resolution bandwidth of 1MHz, at a distance of 3 m. The emission shall not exceed a field peak value of 6926 µV/m, measured with a resolution bandwidth of 3 MHz, at a distance of 3 m.

Miguel Angel De Godoy
Presidente
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