

CISPR 32 第三版草稿差异说明

目前CISPR 32正在进行第三版起草，根据已发布的草稿(COMMITTEE DRAFT,CD)内容，主要有以下三点值得关注：

- ◆1. 增加无线电力传输 (Wireless Power Transfer (WPT)) 的概念 (如无线充电设备) 以及限值要求。限值包括辐射 (9K~30MHz) 和传导 (9K~150KHz) ，分为Class A和Class B设备限值。下面是Class B设备限值要求。

Table A.15 – Requirements for radiated emissions at frequencies below 30 MHz of Class B equipment with WPT ports

Table clause	Frequency range MHz	Measurement				Class B limits	
		Facility	Antenna	Distance	Detector type / bandwidth	dB(μA/m)	dB(μA)
A15.1	0,009 to 0,10	OATS / SAC	"0,6 m" loop	3 m	Quasi Peak / 200 Hz	30	-
	7 to 4					-	
	Quasi Peak / 9 kHz				4 to -22	-	
					-22	-	
A15.2	0,009 to 0,10	Any	LLAS	-	Quasi Peak / 200 Hz	-	50
	-					27 to 24	
	Quasi Peak / 9 kHz				-	24 to -2.5	
					-	-2.5 to -7	

Apply the requirements of A.15.1 or A.15.2 across the entire frequency range

These limits only apply when the WPT function is active.

Table A.17 – Requirements for conducted emissions at frequencies below 150 kHz from the AC mains power ports of Class B equipment with WPT ports

Table clause	Frequency range MHz	Measurement		Class B limits dB(μV)
		Coupling device (see Table A.8)	Detector type / bandwidth	
A17.1	0,009 to 0,050	AMN	Quasi Peak / 200 Hz	110
	0,050 to 0,150			90 to 80

These limits only apply when the WPT function is active.

◆2. 修改1G Hz以上辐射限值

- 1G以上限值中的1G~3GHz频段的限值有所放宽，调整和3G-6GHz频段的限值相同。以下是Class B设备的限值：

第二版Class B 设备限值：AV值——50dB (1~3G)、54 dB (3~6G)

PK值——70dB (1~3G)、74dB (3~6G)

Table A.5 – Requirements for radiated emissions at frequencies above 1 GHz for class B equipment

Table clause	Frequency range MHz	Measurement			Class B limits dB(μV/m)
		Facility (see table A.1)	Distance m	Detector type/ bandwidth	
A5.1	1 000 to 6 000	FSOATS	3	Average/ 1 MHz	54
A5.2	1 000 to 6 000			Peak/ 1 MHz	74
A5.3	1 000 to 6 000	RVC	n/a	Average / 1 MHz	54
A5.4	1 000 to 6 000			Peak / 1 MHz	74

Apply A5.1 and A5.2 or A5.3 and A5.4 across the frequency range from 1 000 MHz to the highest required frequency of measurement derived from Table 1 .

These requirements are not applicable to the local oscillator and harmonics frequencies of equipment covered by Table A.7.

- ◆3. 增加直流电网电源端口 (DC distribution network , DC power port) 的概念及传导限值要求。
- 以下是Class B设备的DC电源端口传导限值要求，限值同Class A设备的AC端口限值相同。

Table A.YY – Requirements for conducted emissions from the DC power ports of Class B equipment

Applicable to				
1. DC power ports (3.1.12) where the connection from the DC port to the power source may be with a cable 3m or greater in length				
Table clause	Frequency range MHz	Coupling device (see Table A.8)	Detector type / bandwidth	Class B limits dB(μ V)
AY.1	0,15 to 0,5	AMN	Quasi Peak / 9 kHz	79
	0,5 to 30			73
AY.2	0,15 to 0,5	AMN	Average / 9 kHz	66
	0,5 to 30			60

Apply AY.1 and AY.2 across the entire frequency range.