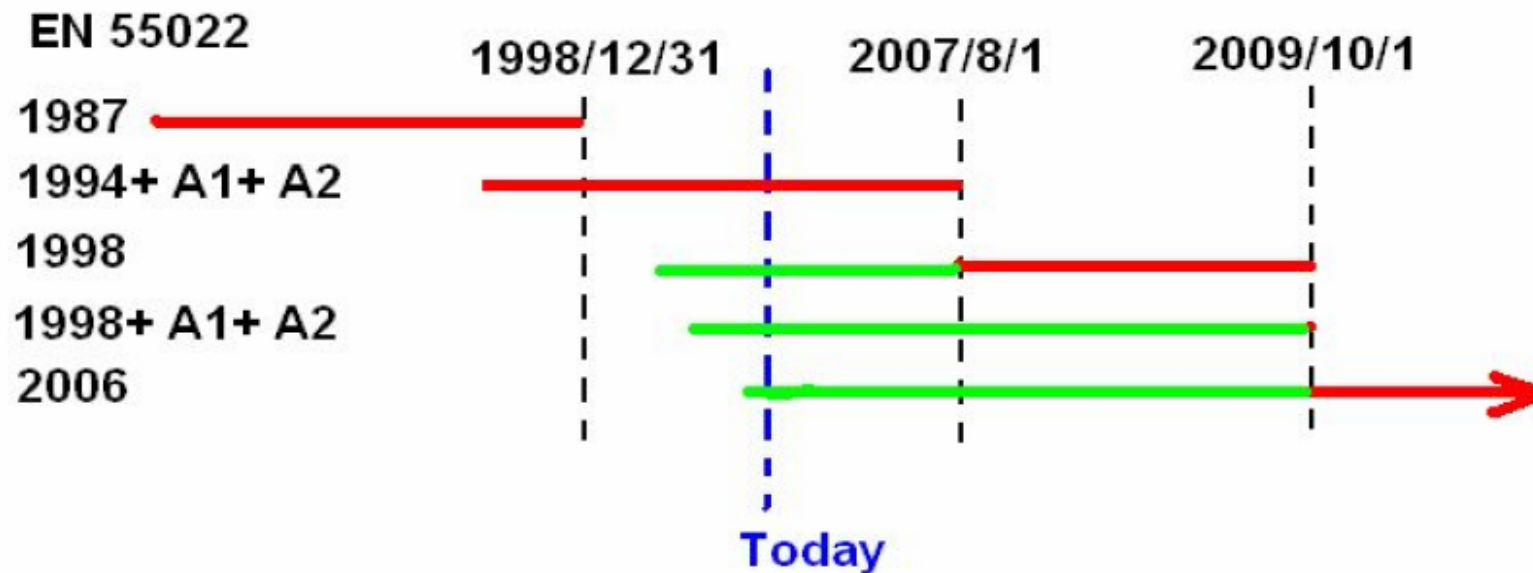


EN 55022 版本:

1. EN 55022:1994 +A1:1995 +A2:1997只能用到2007/7/31
2. EN 55022 : 1998只能用到2009/9/31
3. EN 55022 : 1998 + A1:2000 + A2:2003只能用到2009/9/31
4. EN 55022 : 2006可以用到下一個版本出現

詳見下圖:(綠色/紅色表示可引用,紅色表示強制取代之前版本)



各版本主要差異:

1. A2:1997 增加ISN 測試
2. EN 55022:1998: 更改 ISN 規格
3. A1:2000 測試 radiated emission時必須使用 ferrite clamp
4. EN 55022:2006 : 取消使用 ferrite clamp

1997增加ISN Test Item

CISPR 22 © IEC:1997

- 17 -

Table 4 – Limits of conducted common mode (asymmetric mode) disturbance at telecommunication ports in the frequency range 0,15 MHz to 30 MHz for class B equipment

Frequency range MHz	Voltage limits dB (μV)		Current limits dB (μA)	
	Quasi-peak	Average	Quasi-peak	Average
0,15 to 0,5	84 to 74	74 to 64	40 to 30	30 to 20
0,5 to 30	74	64	30	20

NOTE 1 – The limits decrease linearly with the logarithm of the frequency in the range 0,15 MHz to 0,5 MHz.

NOTE 2 – The current and voltage disturbance limits are derived for use with an impedance stabilization network (ISN) which presents a common mode (asymmetric mode) impedance of 150 Ω to the telecommunication port under test (conversion factor is $20 \log_{10} 150 / I = 44$ dB).

NOTE 3 – Provisionally, a relaxation of 10 dB over the frequency range of 6 MHz to 30 MHz is allowed for high-speed services having significant spectral density in this band. However, this relaxation is restricted to the common mode disturbance converted by the cable from the wanted signal.

EN55022:1998 更改 ISN 規定

5.2 Limits of conducted common mode (asymmetric mode) disturbance at telecommunication ports ¹⁾

Table 3 – Limits of conducted common mode (asymmetric mode) disturbance at telecommunication ports in the frequency range 0,15 MHz to 30 MHz for class A equipment

Frequency range MHz	Voltage limits dB (μV)		Current limits dB (μA)	
	Quasi-peak	Average	Quasi-peak	Average
0,15 to 0,5	97 to 87	84 to 74	53 to 43	40 to 30
0,5 to 30	87	74	43	30

NOTE 1 The limits decrease linearly with the logarithm of the frequency in the range 0,15 MHz to 0,5 MHz.

NOTE 2 The current and voltage disturbance limits are derived for use with an impedance stabilization network (ISN) which presents a common mode (asymmetric mode) impedance of 150 Ω to the telecommunication port under test (conversion factor is $20 \log_{10} 150 / 1 = 44$ dB).

EN55022:1998 更改 ISN 規定

CISPR 22 © IEC:2003

Table 4 – Limits of conducted common mode (asymmetric mode) disturbance at telecommunication ports in the frequency range 0,15 MHz to 30 MHz for class B equipment

Frequency range MHz	Voltage limits dB(μ V)		Current limits dB(μ A)	
	Quasi-peak	Average	Quasi-peak	Average
0,15 to 0,5	84 to 74	74 to 64	40 to 30	30 to 20
0,5 to 30	74	64	30	20

NOTE 1 The limits decrease linearly with the logarithm of the frequency in the range 0,15 MHz to 0,5 MHz.
NOTE 2 The current and voltage disturbance limits are derived for use with an impedance stabilization network (ISN) which presents a common mode (asymmetric mode) impedance of 150 Ω to the telecommunication port under test (conversion factor is $20 \log_{10} 150 / I = 44$ dB).

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NOTE 3 – Provisionally, a relaxation of 10 dB over the frequency range of 6 MHz to 30 MHz is allowed for high-speed services having significant spectral density in this band. However, this relaxation is restricted to the common mode disturbance converted by the cable from the wanted signal.

EN55022:2005-2008.01.01

CISPR 22 Amend. 1 © IEC:2005

The EUT shall meet the limits of Table 8 or Table 9 when measured in accordance with the method described in Clause 10 and the conditional testing procedure described below.

**Table 8 – Limits for radiated disturbance of Class A ITE
at a measurement distance of 3 m**

Frequency range GHz	Average limit dB(μ V/m)	Peak limit dB(μ V/m)
1 to 3	56	76
3 to 6	60	80

NOTE The lower limit applies at the transition frequency.

**Table 9 – Limits for radiated disturbance of Class B ITE
at a measurement distance of 3 m**

Frequency range GHz	Average limit dB(μ V/m)	Peak limit dB(μ V/m)
1 to 3	50	70
3 to 6	54	74

NOTE The lower limit applies at the transition frequency.

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课程网址: <http://www.edatop.com/peixun/antenna/134.html>



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课程网址: <http://www.edatop.com/peixun/hfss/11.html>

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