

根據強制性能源效益標籤計劃(強制性標籤計劃)進行的能源表現監察測試結果 (電視機) - 2025年

Results of Compliance Monitoring Tests on Energy Performance under Mandatory Energy Efficiency Labelling Scheme (MEELS)

(Televisions) - Year 2025

項目 No.	品牌 Brand	型號 Model Name	獲機電工程署 編配參考編號 EMSD Assigned Reference Number	強制性標籤計劃下的能源效益級別 Energy Efficiency Grade under MEELS	額定每年耗電量 (千瓦小時) Rated Annual Consumption (kWh)	額定屏幕對角尺寸(厘米) Rated Diagonal Screen Size (cm)	呈交的能源效益指數 <sup>註2</sup> Submitted Energy Efficiency Index <small>Note 2</small>	測試出的每年耗電量 (千瓦小時) <sup>註2</sup> Measured Annual Energy Consumption (kWh) <small>Note 2</small>	測試出的屏幕對角尺寸(厘米) <sup>註2</sup> Measured Diagonal Screen Size (cm) <small>Note 2</small>	測試出的能源效益指數 <sup>註2</sup> Measured Energy Efficiency Index <sup>Note 2</sup>	是否符合強制性標籤計劃的要求? <sup>註1</sup> Conformance with MEELS Requirements? <sup>Note 1</sup>	備註 Remark
測試結果發放日期: 2025年03月 Test Results Release Date: March 2025												
1	Panasonic	TH-55MX950H	T230165	3	112.0	138.7	0.20	110.7	138.6	0.2025	是 Yes	
2	創維 SKYWORTH	55SUE8500	T230201	3	108.0	138.0	0.20	102.3	138.7	0.1870	是 Yes	
3	三星 Samsung	QA55S90DAJXZK	T240042	3	120.0	138.0	0.22	110.6	138.2	0.2018	是 Yes	
4	LG	55QNE86TCA	T240057	2	90.0	139.0	0.16	85.6	138.5	0.1549	是 Yes	
5	三星 Samsung	QA55QN85DBJXZK	T240071	2	91.0	138.0	0.16	75.9	138.8	0.1371	是 Yes	
6	LG	OLED55B4PCA	T240076	3	140.0	139.0	0.25	107.6	138.6	0.1946	是 Yes	
7	海信 Hisense	55A6N	T240108	3	113.0	139.0	0.21	95.6	138.7	0.1747	是 Yes	
8	TCL	55C655	T240135	2	104.0	139.0	0.19	94.2	138.5	0.1725	是 Yes	
9	Sony	K-55XR80	T240141	3	115.0	138.8	0.21	116.4	138.5	0.2129	是 Yes	

註: 1. 如電視機某表列型號的單一樣本的測試結果符合以下標準 (產品能源標籤實務守則2024 (守則) 第 12.9 段), 則該表列型號會獲接納為符合有關規定:

(a) 所測試出的處於預設影像設定的開啓模式功率消耗量, 不得高於額定功率消耗量超過 7%。

(b) 所測試出的備用模式平均功率消耗量不得高於額定備用模式功率消耗量超過 0.1 瓦。

(c) 由製造商送遞的電視機, 其所測試出的處於預設影像設定的最高亮度比率不得低於電視機所提供的最光開啓模式狀態下的最高亮度的 60% (適用於第 1 至第 4 級的評級)。就第 5 級的評級而言, 所測試出的處於預設影像設定的最高亮度比率不得低於指明人士向機電工程署呈交的測試結果所釐定的處於預設影像設定的最高亮度的 95%。

(d) 所測試出的可視屏幕尺寸對角長度不得超過額定可視屏幕尺寸 ±1 厘米。

(e) 所測試出的能源效益級別符合以下其中一項規定:

(i) 在監察測試中所計算出的能源效益級別, 相等於指明人士向機電工程署呈交的測試結果所釐定的能源效益級別或較該級別為佳; 或

(ii) 在監察測試中所計算出的能源效益級別, 如不等於指明人士向機電工程署呈交的測試結果所釐定的能源效益級別或較該級別為差, 則在監察測試中所計算出的能源效益指數, 不得高於向機電工程署呈交的測試結果所計算出的能源效益指數的 110%。

2. 表列的數值經四捨五入方式顯示。

Note: 1. A listed model of television will be accepted as conformance if the test results of a single sample of the listed model meet the following criteria (clause 12.9 of the Code of Practice on Energy Labelling of Products 2024 (the Code)):

(a) The tested on-mode power consumption at the default picture setting shall not exceed the rated power consumption by more than 7%.

(b) The average of tested standby power consumption shall not be greater than the rated standby power consumption by more than 0.1W.

(c) The tested peak luminance ratio at the default picture setting of a television as delivered by the manufacturer shall not be less than 60% of the peak luminance of the brightest on-mode condition provided by the television for Grade 1 to 4. For Grade 5, the tested peak luminance ratio at the default picture setting shall not be less than 95% of the peak luminance at the default picture setting determined by the test results submitted to the EMSD by the specified person.

(d) The tested visible screen size diagonal dimension shall not exceed the rated visible screen size by ±1cm.

(e) The tested energy efficiency grade meeting either one of the followings:-

(i) The energy efficiency grade calculated in the compliance monitoring testing being equal to or better than the energy efficiency grade determined by the test results submitted to the EMSD by the specified person; or

(ii) If the energy efficiency grade calculated in the compliance monitoring testing being not equal to nor better than the energy efficiency grade determined by the test results submitted to the EMSD, the tested energy efficiency index calculated in the compliance monitoring testing being not greater than 110% of the measured energy efficiency index calculated by the test results submitted to the EMSD.

2. All values are rounded figures.