



CABINET OF MINISTERS OF UKRAINE
RESOLUTION

No. 735 of 14 August 2019
Kyiv

**On Approval of the Technical Regulation on Ecodesign
Requirements for Televisions**

In accordance with [Article 5](#) of the Law of Ukraine ‘On Technical Regulations and Conformity Assessment’, the Cabinet of Ministers of Ukraine hereby **resolves**:

1. To approve the **Technical Regulation on Ecodesign Requirements for Televisions**, as attached to the original.
2. The State Agency on Energy Efficiency and Energy Saving shall provide for the implementation of the Technical Regulation approved by this Resolution.
3. To introduce to the [list of types of products subject to state market surveillance by state market surveillance authorities](#), approved by the Resolution of the Cabinet of Ministers of Ukraine No. 1069 of 28 December 2016 (Official Journal of Ukraine, 2017, No. 50, p. 1550; 2018, No. 23, p. 798; 2019, No. 21, p. 730), amendments, as attached.
4. This Resolution shall enter into force after six months following its publication.

Prime Minister of Ukraine

VOLODYMYR GROYSMAN

Ind. 21

APPROVED
by the Resolution of the Cabinet of Ministers of Ukraine
No. 735 of 14 August 2019

AMENDMENTS,
to be introduced to the list of types of products subject to state
market surveillance by state market surveillance authorities

1. Point 43¹ shall be deleted.
2. Point 46 shall be replaced by the following:

‘46. Televisions	Resolution of the Cabinet of Ministers of Ukraine No. 359 of 24 May 2017 ‘On Approval of the Technical Regulation on Energy Labelling of Televisions’	State Service of Ukraine on Food Safety and Consumer Protection’.
	Resolution of the Cabinet of Ministers of Ukraine No. 735 of 14 August 2019 ‘On Approval of the Technical Regulation on Ecodesign Requirements for Televisions’	

3. The **list** shall be supplemented with point 46¹ to read as follows:

‘46 ¹ . Simple set-top boxes	Resolution by the Cabinet of Ministers of Ukraine No. 156 of 27 February 2019 ‘On Approval of the Technical Regulation on Ecodesign Requirements for Simple Set-top Boxes’	State Service of Ukraine on Food Safety and Consumer Protection’.
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{The text of the Technical Regulation was taken from the official website of the Cabinet of Ministers of Ukraine}

TECHNICAL REGULATION

on Ecodesign Requirements for Televisions

General part

1. This Regulation establishes ecodesign requirements for televisions, placed on the market.

This Technical Regulation is based on the Commission Regulation (EC) No 642/2009 of 22 July 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for televisions.

2. For the purposes of this Technical Regulation, the terms used herein shall have the following meanings:

‘network availability’ means the capability of the television to resume functions after a remotely initiated trigger has been detected by a network port;

‘information or status display’ means a continuous function providing information or indicating the status of the equipment on a display, including clocks;

‘router’ means a network device that, as its primary function, determines the optimal path along which network traffic should be forwarded, as well as forwards packets from one network to another, based on network layer information (L3);

‘network’ means a communication infrastructure with a topology of links, an architecture including the physical components, organisational principles, communication procedures and formats (protocols);

‘network switch’ means a network device that, as its primary function, filters, forwards, and distributes frames based on the destination address of each frame, as well as ensures the functioning of switches at the data link layer (L2);

‘network port’ means a wired or wireless physical interface of the network connection located at the television through which the television can be remotely activated;

‘networked standby’ means a condition in which the television is able to resume a function through a remotely initiated trigger via a network connection;

‘networked television’ means a television that can connect to a network and has one or more network ports;

‘networked television with high network availability functionality’ (a television with HiNA functionality) means a television with the functionality of a router, network switch, wireless network access point (not being a terminal) or combination thereof included;

‘forced menu’ means a set of television settings pre-defined by the manufacturer, of which the user of the television must select a particular setting upon initial start-up of the television;

‘on-mode’ means the condition where the television is connected to the mains power source and produces sound and picture;

‘home-mode’ means the television setting which is recommended by the manufacturer for normal home use;

‘off-mode’ means a condition in which the television is connected to the mains power source and is not providing any function, providing only an indication of off-mode condition and the functionalities intended to ensure electromagnetic compatibility pursuant to Technical Regulation on Electromagnetic Compatibility of Equipment, approved by the Resolution of the Cabinet of Ministers of Ukraine No. 1077 of 16 December 2015 (Official Journal of Ukraine, 2016, No. 2, p. 72);

‘standby-mode’ means a condition where the television is connected to the mains power source, depends on energy input from the mains power source to function properly and offers the following functions only, which may persist for an indefinite time: the reactivation function (reactivation function and an indication of enabled reactivation function) and/or information or status display;

‘full HD resolution’ means a screen resolution with physical pixel count of at least 1920×1080 pixels;

‘remotely initiated trigger’ means a signal that comes from outside the television via a network;

‘television’ means a television set or a television monitor;

‘television monitor’ means a device designed to display on an integrated screen a video signal from a variety of sources, including television broadcast signals, which controls and reproduces audio signals from an external source device, which is linked through standardised video signal paths including cinch (component, composite), SCART, HDMI, and wireless standards (but excluding non-standardised video signal paths like DVI and SDI), but cannot receive and process broadcast signals;

‘television set’ means a device designed primarily for the display and reception of audiovisual signals which is placed on the market under one model or system designation, and which consists of a display and one or more tuners/receivers and optional devices providing additional functions for data storage and/or display such as digital versatile disc (DVD) and/or hard disk drive (HDD) and/or videocassette recorder (VCR). The optional devices may be either in a single unit combined with the display, or in one or more separate units;

‘wireless network access point’ means a device that, as its primary function, provides IEEE 802.11 (Wi-Fi) connectivity to multiple clients;

‘reactivation function’ means a function facilitating the activation of other modes, including on-mode, by remote switch including remote control, internal sensor, timer to a condition providing additional functions.

Other terms used herein shall have meanings set out in the Laws of Ukraine ‘On Technical Regulations and Conformity Assessment’, ‘On State Market Surveillance and Control of Non-Food Products’, ‘On Standardization’, ‘On General Safety of Non-Food Products’ and in the Technical Regulation Establishing a Framework for the Setting of Ecodesign Requirements for Energy-Related Products, approved by the Resolution of the Cabinet of Ministers of Ukraine No. 804 of 3 October 2018 (Official Journal of Ukraine, 2018, No. 80, p. 2678).

Ecodesign requirements

3. The ecodesign requirements for televisions are laid down in Annex 1.

Compliance with the ecodesign requirements shall be measured in accordance with the methods set out in Annex 2.

Conformity assessment

4. Conformity of televisions with the requirements of this Technical Regulation shall be assessed by applying the internal design control procedure or the management system conformity assessment procedure set out, respectively, in Annexes 3 and 4 to the Technical Regulation establishing a framework for the setting of ecodesign requirements for energy-related products, approved by the Resolution of the Cabinet of Ministers of Ukraine No 804 of 3 October 2018 (Official Journal of Ukraine, 2018, No 80, p. 2678).

State market surveillance

5. Verification of conformity of the characteristics of televisions with the requirements of this Technical Regulation in the course of state market surveillance shall be made in accordance with the requirements set out in Annex 3.

Correlation table

6. The correlation table of the provisions of Commission Regulation (EC) No 642/2009 of 22 July 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for televisions and the provisions of this Technical Regulation is set out in Annex 4.

ECODESIGN REQUIREMENTS

On-mode power consumption

1. From the date when the Technical Regulation on Ecodesign Requirements for Televisions (hereinafter referred to as the 'Technical Regulation') has come into force, the on-mode power consumption of a television with visible screen area (A) (in sq.dm) shall not exceed the following limits:

Type of device	Resolution	
	Full HD	other
Television sets	$20 \text{ W} + A \times 1,12 \times 4,3224 \text{ W/dm}^2$	$20 \text{ W} + A \times 4,3224 \text{ W/dm}^2$
Television monitors	$15 \text{ W} + A \times 1,12 \times 4,3224 \text{ W/dm}^2$	$15 \text{ W} + A \times 4,3224 \text{ W/dm}^2$

2. Two years after the Technical Regulation has come into force, the on-mode power consumption of a television with visible screen area (A) (in sq.dm) shall not exceed the following limits:

Type of device	Resolution
Television sets	$16 \text{ W} + A \times 3,4579 \text{ W/dm}^2$
Television monitors	$12 \text{ W} + A \times 3,4579 \text{ W/dm}^2$

Standby/off mode power consumption

3. From the date when the Technical Regulation has come into force:

1) power consumption of televisions in off-mode shall not exceed 1 W;

2) power consumption of televisions in standby-mode shall not exceed:

where it is providing the reactivation function, or providing the reactivation function and an indication of enabled reactivation function — 1 W;

where it is providing the information or status display, or providing a combination of reactivation function and information or status display — 2 W;

3) televisions shall have an off-mode and/or standby-mode, and/or another condition which does not exceed the applicable power consumption requirements for off-mode and/or standby-mode when the television is connected to the mains power source;

4) for television sets which consist of a display, and one or more tuners/receivers and optional devices providing additional functions for data storage and/or display such as digital versatile disc (DVD) and/or hard disk drive (HDD) and/or videocassette recorder (VCR) in one or more separate units, subpoints 1 to 3 of this point apply for the display and the separate units individually.

4. One year after the Technical Regulation has come into force:

1) power consumption of televisions in off-mode shall not exceed 0,3 W, except for the televisions with an easily visible switch, which puts the television in a condition with power consumption not exceeding 0,01 W when operated to the off position, the power consumption of any other off-mode condition of the television shall not exceed 0,5 W;

2) power consumption of televisions in standby-mode shall not exceed:

where it is providing the reactivation function, or providing the reactivation function and an indication of enabled reactivation function — 0,5 W;

where it is providing the information or status display, or providing a combination of reactivation function and information or status display — 1 W;

3) televisions shall have an off-mode and/or standby-mode, and/or another condition which does not exceed the applicable power consumption requirements for off-mode and/or standby-mode when the television is connected to the mains power source;

4) televisions shall provide an ‘automatic power-down’ function with the following characteristics:

after no more than 4 hours in on mode following the last user interaction and/or a channel change, the television shall be automatically switched from on mode to one of the following modes:

- standby-mode;

- off-mode;

- another condition which does not exceed the applicable power consumption requirements for off-mode and/or standby-mode;

televisions shall display an alert message before the automatic switch from on mode to the applicable modes.

This function shall be set as default.

5) for television sets which consist of a display, and one or more tuners/receivers and optional devices providing additional functions for data storage and/or display such as digital versatile disc (DVD) and/or hard disk drive (HDD) and/or videocassette recorder (VCR) in one or more separate units, subpoints 1 to 4 of this point apply for the display and the separate units individually.

Networked standby power consumption

5. Five year after the Technical Regulation has come into force:

1) possibility to deactivate wireless network connections shall be ensured.

If a networked television has the ability to connect to a wireless network, it shall be possible for the consumer to deactivate the wireless network connections. This requirement does not apply to equipment which relies on a single wireless network connection for intended use and have no wired network connection;

2) power management for networked televisions shall be provided.

Networked televisions shall provide a function with the following characteristics:

after no more than 4 hours in on mode following the last user interaction and/or a channel change, the television shall be automatically switched from on mode to a condition of networked standby or any other condition which does not exceed the applicable power consumption requirements for conditions providing networked standby;

televisions shall display an alert message before the automatic switch from on mode to the applicable condition/modes. This function shall be set as default;

in a condition providing networked standby, the power management function may switch the television automatically into standby mode, or off mode or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode;

the power management function, or a similar function, shall be available for all network ports of the networked television;

the power management function, or a similar function, shall be activated, unless all wireless network ports are deactivated. In that case the power management function, or a similar function, shall be activated if any one of the network ports is activated;

3) networked televisions that have one or more standby modes shall comply with the requirements for these standby mode(s) when all wireless network ports are deactivated;

4) power consumption in a condition providing networked standby shall be ensured.

The power consumption of television with HiNA functionality, in a condition providing networked standby into which the television is switched by the power management function, or a similar function, shall not exceed 12 W.

The power consumption of television without HiNA functionality, in a condition providing networked standby into which the television is switched by the power management function, or a similar function, shall not exceed 6 W.

6. Seven years after the Technical Regulation has come into force:

1) the requirements set out in subpoints 1 and 2 of point 5 of this Annex shall apply;

2) a networked television that has one or more standby modes shall comply with the requirements for these standby mode(s) when all wired network ports are disconnected and when all wireless network ports are deactivated;

3) a networked television shall comply with the provisions under subpoint 4 of point 4 of this Annex, when all wired network ports are disconnected and when all network ports are deactivated;

4) power consumption shall not exceed:

for television with HiNA functionality, in a condition providing networked standby into which the television is switched by the power management function, or a similar function, — 8 W;

for television without HiNA functionality, in a condition providing networked standby into which the television is switched by the power management function, or a similar function, — 3 W.

7. Nine years after the Technical Regulation has come into force:

1) the requirements set out in subpoints 1 and 2 of point 5 and subpoints 1 to 3 of point 6 of this Annex shall apply;

2) for networked televisions other than HiNA equipment or televisions with HiNA-functionality, the following requirement shall apply: the power consumption of televisions without HiNA functionality in a condition of networked standby into which the television is switched by the power management function, or a similar function, shall not exceed 2 W.

‘Home-mode’ for televisions which are delivered with a forced menu

8. From the date when the Technical Regulation has come into force, televisions with forced menu on initial activation of the television shall provide a ‘home-mode’ in the forced menu. If the user selects a mode other than ‘home-mode’ on initial activation of the television, a second selection process shall be prompted to confirm this choice.

Peak luminance ratio

9. From the date when the Technical Regulation has come into force:

for televisions without forced menu: the peak luminance of the on-mode condition of the television as delivered by the manufacturer shall not be less than 65 % of the peak luminance of the brightest on-mode condition provided by the television;

for televisions with forced menu: the peak luminance of the home-mode condition shall not be less than 65 % of the peak luminance of the brightest on-mode condition provided by the television.

Information to be provided by manufacturers

10. For the purposes of conformity assessment, the technical documentation shall contain the following information:

1) test parameters for measurements:

ambient temperature;

test voltage (V) and frequency (Hz);

total harmonic distortion of the electricity supply system;

the input terminal for the audio and video test signals;

information and documentation on the instrumentation, set-up and circuits used for electrical testing;

2) on-mode:

the power consumption data (W) rounded to the first decimal place for power measurements up to 100 W, and to the first integer for power measurements above 100 W;

the characteristics of the dynamic broadcast-content video signal representing typical broadcast TV content;

the sequence of steps for achieving a stable condition with respect to power consumption;

for televisions with a forced menu — the ratio of the peak luminance of the home-mode and the peak luminance of the brightest on-mode condition provided by the television (in per cent);

for television monitors — a description of the relevant characteristics of the tuner used for measurements;

3) for each standby and off-mode:

the power consumption data (W) rounded to the second decimal place;

the measurement method used;

description of how the mode was selected or programmed;

sequence of events to reach the mode where the television automatically changes modes;

4) automatic power down: the duration of the on-mode condition before the television reaches automatically standby, or off-mode, or another condition which complies with the applicable power consumption requirements for off-mode and/or standby-mode;

5) for networked standby mode:

the number and type of network ports and, except for wireless network ports, where these ports are located on the television; in particular it shall be noted if the same physical network port accommodates two or more types of network ports;

whether all network ports are deactivated before delivery;

whether the television qualifies as television with HiNA functionality. If no information is provided the television is considered not to be HiNA equipment or a television with HiNA functionality;

6) for each type of network port:

the default time after which the power management function, or a similar function, switches the television into a condition providing networked standby;

the trigger that is used to reactivate the equipment;

the maximum performance specifications;

the maximum power consumption of the television in a condition providing networked standby into which the power management function, or a similar function, switches the equipment, if only this port is used for remote activation.

If no information is provided, the television is considered not to be a networked television;

7) if the television contains mercury or lead: the content of mercury as X,X (mg), and the presence of lead.

11. From the date when the Technical Regulation has come into force, the following information shall be made publicly available on free-access websites:

the on-mode power consumption data (W) rounded to the first decimal place for power measurements up to 100 W, and to the first integer for power measurements above 100 W;

for each standby and/or off mode: the power consumption data (W) rounded to the second decimal place;

for televisions without forced menu: the ratio of the peak luminance of the on-mode condition of the television as delivered by the manufacturer and the peak luminance of the brightest on-mode condition (in per cent), rounded to the nearest integer;

for televisions with a forced menu: the ratio of the peak luminance of the home-mode condition and the peak luminance of the brightest on-mode condition (in per cent), rounded to the nearest integer;

if the television contains mercury or lead: the content of mercury as X,X (mg), and the presence of lead.

MEASUREMENT METHODS

Measurements of on-mode power consumption

1. Measurements of the power consumption referred to in points 1 and 2 of Annex 1 to the Technical Regulation on Ecodesign Requirements for Televisions (hereinafter referred to as the 'Technical Regulation') shall be subject to the following requirements:

1) measurements shall be made using a reliable, accurate and reproducible measurement procedure, which takes into account the generally recognised state of the art measurement methods;

2) conditions for measuring the on-mode power consumption:

for television sets without forced menu: the power consumption referred to in points 1 and 2 of Annex 1 to the Technical Regulation shall be measured in the on-mode condition of the television as delivered by the manufacturer, that is, the brightness controls of the television shall be in the position adjusted by the manufacturer for the end-user;

for television sets with forced menu: the power consumption referred to in points 1 and 2 of Annex 1 to the Technical Regulation shall be measured in the 'home-mode' condition;

for television monitors without forced menu: the television monitor shall be connected to an appropriate tuner. The power consumption points 1 and 2 of Annex 1 to the Technical Regulation shall be measured in the on-mode condition of the television as delivered by the manufacturer, that is, the brightness controls of the television monitor shall be in the position adjusted by the manufacturer for the end-user. The power consumption of the tuner is not relevant for the measurements of on-mode power consumption of the television monitor;

for television monitors with forced menu: the television monitor shall be connected to an appropriate tuner. The power consumption referred to in points 1 and 2 of Annex 1 to the Technical Regulation shall be measured in the 'home-mode' condition;

3) measurements shall be made at an ambient temperature of $23\text{ °C} \pm 5\text{ °C}$;

4) measurements shall be made using a dynamic broadcast-content video signal representing typical broadcast TV content. The measurement shall be the average power consumed over 10 consecutive minutes;

5) measurements shall be made after the television has been in the off-mode for a minimum of 1 hour immediately followed by a minimum of 1 hour in the on-mode and shall be completed before a maximum of 3 hours in on-mode. The relevant video signal shall be displayed during the entire on-mode duration. For televisions that are known to stabilise within 1 hour, these durations may be reduced if the resulting measurement can

be shown to be within 2 % of the results that would otherwise be achieved using the durations described here;

6) measurements shall be made with the Automatic Brightness Control function, if such a function exists, made inactive. If the Automatic Brightness Control function exists and cannot be made inactive, then the measurements shall be performed with the light entering directly into the ambient light sensor at a level of 300 lux, or more.

Measurements of standby/off-mode, and networked standby power consumption

2. During the measurements of the power consumption pursuant to points 3 to 7 of Annex 1 to the Technical Regulation, the power consumption referred to in subpoints 1 and 2 of point 2, subpoints 1 and 2 of point 4, subpoint 4 of point 5 and subpoint 3 of point 6 of Annex 1 to the Technical Regulation shall be established by a reliable, accurate and reproducible measurement procedure, which takes into account the generally recognised state of the art.

Measurements of peak luminance

3. Measurements of the peak luminance referred to in point 8 of Annex 1 to the Technical Regulation shall be subject to the following conditions:

1) measurements shall be made using a reliable, accurate and reproducible measurement procedure, which takes into account the generally recognised state of the art measurement methods;

2) measurements of peak luminance shall be made with a luminance meter, detecting that portion of the screen exhibiting a full (100 %) white image, which is part of a 'full screen test' test pattern that does not exceed the average picture level (APL) point where any power limiting occurs in the display luminance drive system;

3) measurements of luminance ratio shall be made without disturbing the luminance meter's detection point on the display whilst switching between the conditions referred to in point 8 of Annex 1 to the Technical Regulation.

Annex 3
to the Technical Regulation

REQUIREMENTS

for verifying conformity of televisions with the requirements of the Technical Regulation on Ecodesign Requirements for Televisions during state market surveillance

1. The verification tolerances referred to in this Annex are to be applied by state market surveillance authorities and shall not be used by the manufacturer or importer to establish the values in the technical documentation or in interpreting these values with a view to achieving compliance or to communicate better performance by any means.

2. The verification of conformity of televisions with the requirements of the Technical Regulation on Ecodesign Requirements for Televisions (hereinafter referred to as ‘Technical Regulation’) shall be carried out by state market surveillance authorities applying the sequence set out in the second and third indents of subpoint 2 and in subpoint 3 of this point, and the verification procedure set out in point 4 of this Annex, taking into account the following requirements:

1) one television per model shall be tested;

2) a model of the television shall be considered to comply with the requirements of the Technical Regulation if:

the indicators given in the technical documentation and the values used to calculate these indicators are not more favourable for the manufacturer or importer than the results of the corresponding measurements;

the declared indicators meet the requirements laid down in the Technical Regulation, and the necessary product information provided by the manufacturer or importer does not contain indicators that are more favourable for the manufacturer or importer;

when the state market surveillance authorities test the television, the determined parameters and the values comply with the respective verification tolerances as given in the Table;

3) if the results referred to in the second or third indent of subpoint 2 of this point are not achieved, the model shall be considered not to comply with the requirements of the Technical Regulation;

4) if the result referred to in the fourth indent of subpoint 2 of this point is not achieved, the state market surveillance authorities shall select three additional televisions of the same model for testing;

5) the model of the television shall be considered to comply with the requirements of the Technical Regulation if, for these three additional televisions, the arithmetical mean of the determined values complies with the respective verification tolerances given in the Table;

6) if the result referred to in subpoint 5 of this point is not achieved, the model shall be considered not to comply with the requirements of the Technical Regulation.

3. The state market surveillance authorities shall use the calculation methods set out in Annex 1 to the Technical Regulation and the measurement conditions set out in Annex 2 to the Technical Regulation.

The state market surveillance authorities shall only apply the verification tolerances that are set out in the Table, taking into account the requirements set out in subpoints 1 to 6 of point 2 of this Annex. No other tolerances, such as those set out in the national standards that are identical to the harmonised European standards or in any other measurement method, shall be applied.

Table

Verification tolerances

Parameters	Verification tolerances
On-mode power consumption	by no more than 7 % of the nominal value
Off-mode and/or standby conditions	by no more than 0,1 W of the nominal value
Peak luminance ratio	not less than 60 % of the peak luminance of the brightest on-mode condition provided by the television

4. When verifying conformity of televisions with the requirements of the Technical Regulation, the state market surveillance authorities shall apply the verification procedure set out in subpoint 4 of point 5 and subpoint 3 of point 6 of Annex 1 to the Technical Regulation. The state market surveillance authorities shall use the applicable procedure, after having deactivated and/or disconnected, as applicable, all network ports of the television.

State market surveillance authorities shall test one single unit of television.

If the television has, as indicated in the technical documentation, one type of network port and if two or more ports of that type are available, one of these ports is chosen randomly and that port is connected to the appropriate network complying with the maximum specification of the port. In the event of multiple wireless network ports of the same type, the other wireless ports shall be deactivated if possible. In the event of multiple wired network ports of the same type for verifying requirements set out in points 3 and 4 of Annex 1 to the Technical Regulation, the other network ports shall be deactivated if possible. If only one network port is available, that port is connected to the appropriate network complying with the maximum specification of the port.

The television is put in on mode. Once the television in on mode is working properly, it is allowed to go into the condition providing networked standby and the power consumption is measured, then the appropriate trigger is provided to the television through the network port and a check is made whether the television is reactivated.

Where the television has, as indicated in the technical documentation, more than one type of network port, the following procedure is applied. If two or more network

ports of a type are available, one port is chosen randomly for each type of network port and that port is connected to the appropriate network complying with the maximum specification of the port.

If for a certain type of network port only one port is available, that port is connected to the appropriate network complying with the maximum specification of the port. Wireless ports not used shall be deactivated if possible. In the event of verification of requirements set out in point 3 of Annex 2, the wired network ports not used shall be deactivated if possible.

The television is put in on mode. Once the television in on mode is working properly, it is allowed to go into the condition providing networked standby and the power consumption is measured, then the appropriate trigger is provided to the television through the network port and a check is made whether the television is reactivated.

If one physical network port is shared by two or more types of logical network ports this procedure is repeated for each type of logical network port, with the other logical network ports being logical-disconnected.

The model of the television shall be considered to comply with the Technical Regulation if the results for each type of network port do not exceed the declared value by more than 7 %.

Otherwise, three televisions shall be tested. The model of the television shall be considered to comply with the Technical Regulation if the arithmetical mean of the determined values does not exceed the declared value by more than 7 %

Otherwise, the model of the television shall be considered not to comply with the Technical Regulation.

Conformity check

5. For the purpose of checking conformity of the television with the requirements of the Technical Regulation, the state market surveillance authorities shall use the procedure set out in Annex 2 to the Technical Regulation and reliable, accurate and reproducible measurement procedures, which take into account the generally recognised state of the art measurement methods.

Annex 4
to the Technical Regulation

CORRELATION TABLE

of the provisions of Commission Regulation (EC) No 642/2009 of 22 July 2009
implementing Directive 2005/32/EC of the European Parliament and of the Council
with regard to ecodesign requirements for televisions and the provisions of the
Technical Regulation on Ecodesign Requirements for Televisions

Provisions of the Commission Regulation (EC)	Provisions of the Technical Regulation
Article 1	point 1
First indent of Article 2	first indent of point 2
Article 2(1)	eighteenth indent of point 2
Article 2(2)	twentieth indent of point 2
Article 2(3)	nineteenth indent of point 2
Article 2(4)	twelfth indent of point 2
Article 2(5)	thirteenth indent of point 2
Article 2(6)	fifteenth indent of point 2
Article 2(7)	fourteenth indent of point 2
Article 2(8)	twenty-second indent of point 2
Article 2(9)	third indent of point 2
Article 2(10)	eleventh indent of point 2
Article 2(11)	sixteenth indent of point 2
Article 2(12)	fifth indent of point 2
Article 2(13)	seventh indent of point 2
Article 2(14)	ninth indent of point 2
Article 2(15)	second indent of point 2
Article 2(16)	seventeenth indent of point 2
Article 2(17)	eighth indent of point 2
Article 2(18)	tenth indent of point 2
Article 2(19)	fourth indent of point 2
Article 2(20)	sixth indent of point 2
Article 2(21)	twenty-first indent of point 2
Article 3	point 3
Article 4	point 4

Provisions of the Commission Regulation (EC)	Provisions of the Technical Regulation
Article 5	point 5
Article 6	
Article 7	
Article 8	
Annex I	Annex 1
Annex II	Annex 2
Annex III	Annex 3
Annex IV	
