

Table 4	Test result			P		
Operating mode(s)		Measured (W)	Declared (W)	Limit (W)		
Off-mode condition:		0.12	0.15	0.30		
			Max.	Allowance	total	
Standby-mode condition:		0.15	0.17	0.50	--	0.50
Network standby-mode condition:		--	--	2.0	--	--
Another condition which does not exceed the applicable power demand requirements respectively for standby or networked standby mode:		--	--	--	--	--
Description of how the appliance mode was selected or programmed:		--				
Sequence of events to reach the mode where the equipment automatically changes modes:		--				
Test item(s)		Measured		Declared		
Electronic displays without automatic brightness control (ABC)						
On-mode (SDR) power P_{measured} (W) :		16.4		21.0		
On-mode (HDR) power P_{measured} (W) :		32.9		36.0		
Peak luminance in normal configuration L_{normal} (cd/m ²) :		162.0				
Peak luminance in brightest on mode configuration $L_{\text{brightest}}$:		352.0				
Ratio of the peak luminance $L_{\text{normal}} / L_{\text{brightest}}$		--		--		
Test item(s)		Measured		Declared		
Electronic displays with automatic brightness control (ABC)						
On-mode power P_{measured} :		--		--		
On-mode power at ABC disabled $P_{\text{measured_ABC_disabled}}$:		--		--		
On-mode power at 100 lux ambient light at the ABC sensor $P_{\text{measured_ABC_100}}$:		--		--		
On-mode power at 12 lux ambient light at the ABC sensor $P_{\text{measured_ABC_12}}$:		--		--		
Percentage of power reduction due to ABC action between the 100 lux and 12 lux ambient light condition		--		--		
		>20%				
Peak luminance in normal configuration at 100 lux ambient light at the ABC sensor $L_{\text{normal_ABC_100}}$:		--		--		
		< / $\geq 220 / 150$ cd/m ²				
Peak luminance in normal configuration at 100 lux ambient light at the ABC sensor $L_{\text{normal_ABC_60}}$:		--		--		
		$\geq 65\% L_{\text{normal_ABC_60}}$ and $\leq 95\% L_{\text{normal_ABC_60}}$				
Peak luminance in normal configuration at 100 lux		--		--		

ambient light at the ABC sensor $L_{normal_ABC_35}$:			$\geq 50\% L_{normal_ABC_60}$ and $\leq 80\% L_{normal_ABC_60}$	
Peak luminance in normal configuration at 100 lux ambient light at the ABC sensor $L_{normal_ABC_12}$:			--	
			$\geq 35\% L_{normal_ABC_60}$ and $\leq 70\% L_{normal_ABC_60}$	
Peak luminance in brightest on mode configuration at 100 lux ambient light at the ABC sensor $L_{brightest_ABC_100}$:			--	--
Ratio of the peak luminance $L_{normal_ABC_100} / L_{brightest_ABC_100}$			--	> 65%
Sequence of steps for achieving a stable condition with respect to power consumption:			The product has been in the off mode or, if an off-mode is not available, in standby 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.	
Test item(s)	Measured	Declared	Limit	
Energy Efficiency Index (EEI):	0.687	0.867	≤ 0.75 (for electronic displays with resolution up to HD)	
			≤ 0.9 (for electronic displays with resolution above HD and up to UHD)	
			≤ 0.9 (for electronic displays with resolution above UHD and for MicroLED displays)	
The energy efficiency index (EEI) of an electronic display shall be calculated using the following equation:				
$EEI = \frac{(P_{measured} + 1)}{(3 \times [90 \times \tanh(0,02 + 0,004 \times (A - 11)) + 4] + 3) + corr}$				
For the networked electronic displays only:				
The number and type of network interfaces and, except for wireless network interfaces, their position in the electronic displays, the trigger to be used to reactivate the electronic display:	No.	Type	Location	Trigger
	1	Wi-Fi	N/A	--
	2	LAN	N/A	--
	3	HDMI	N/A	--
the default time after which the power management function, switches the display into a condition providing networked standby				--
whether networked electronic display provides functionality allowing the power management function and/or the end-user to switch the electronic display from networked standby mode into standby mode, or off mode or another condition:				--
Power management				
The default period of time after which the power management function, or a similar function, switches the equipment automatically into off mode or standby mode or networked standby mode	Measured	Declared	Limit	
	--	--	≤ 240 minutes for TV	
	--	--	≤ 60 minutes for digital interactive whiteboards or broadcast displays	
	30s	30s	≤ 10 minutes for other electronic displays	