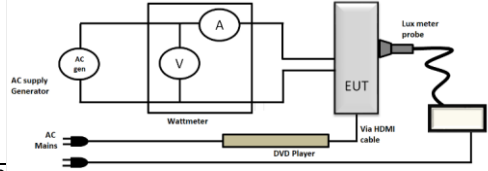


Technical Documentation (REGULATION (EU) 2019/2013 ANNEX VI)

Annex VI	Technical Parameter	Value and precision	Unit	Notes
General				
1	Model Description	Digital signage display		Add applicable product type "Monitor"/ "Television"/"Digital signage display"/"Digital interactive whiteboard"/ "Other" (provide details)
	Supplier Model No.	ST6502		reflects the model number on the energy label
	Supplier Name and Trademark	BenQ		Brand name
	Supplier Address	Meerenakkerweg, 1-17 5652 AR Eindhoven Noord-Brabant Netherlands		
2	Harmonized Standards	EN IEC 62087-1:2016 EN IEC 62087-7:2019 EN 50564:2011		reflects what is in the CE DoC
3	Specific precautions to be taken	N/A		If applicable when the model is assembled, installed and tested (or N/A)
4	Specify equivalent model (s)			Alternative marketing model where applicable (Note this is not equivalent RMN)
5.1	Ambient temperature	23	°C	
5.2	Test voltage	230	V	
5.3	Frequency	50	Hz	
5.4	Total harmonic distortion (THD) of the electricity supply system	1	%	
For On-mode				
5.5	Peak luminance of the brightest on mode configuration (Pk_Lum on mode))	458.0	cd/m ²	
5.6	Peak luminance of the normal configuration (Pk_Lum normal)	430.0	cd/m ²	
5.7	Calculated peak luminance ratio	93.89%	%	Pk_Lum normal value divided by Pk_Lum on mode value times 100
For APD				
5.8	Duration of the on mode condition, before the electronic display reaches automatically standby, or off mode, or another condition which does not exceed the applicable power demand requirements for off mode and/or standby mode.	10 mins	Time (mm:ss)	Enter duration
	For televisions: the measured value of the time before the television automatically reaches standby, or off-mode, or another condition which does not exceed the applicable power consumption requirements for off-mode and/or standby-mode following the last user interaction:	N/A	Time (mm:ss)	Enter duration (if applicable), otherwise enter N/A
	For televisions equipped with room presence sensor: the measured value of the time before the television automatically reaches standby, or off-mode, or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when no presence is detected:	N/A	Time (mm:ss)	Enter duration (if applicable), otherwise enter N/A
	Other electronic displays than televisions and broadcast displays: The measured value of the time before the electronic display automatically reaches standby, or off-mode, or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when no input is detected:	NA	Time (mm:ss)	Enter duration (if applicable), otherwise enter N/A
5.9	Average on mode power demand of the electronic display at an ambient light intensity, measured at the ABC sensor of the electronic display, of 100 lux & 12 lux	N/A	W	Enter value if feature available and activated by default, otherwise, enter N/A
5.10	Percentage of power reduction due to ABC action between the 100 lux and 12 lux ambient light conditions.	N/A	%	Enter value if feature available and activated by default, otherwise, enter N/A
5.11	Display peak white luminance at 100 lux ambient light intensity	N/A	cd/m ²	
	Measured on mode power at 100 lux ambient light at the ABC sensor	N/A	W	
	Measured on mode power at 12 lux ambient light at the ABC sensor	N/A	W	
	Measured screen luminance at 60 lux ambient light at the ABC sensor	N/A	cd/m ²	
	Measured screen luminance at 35 lux ambient at the ABC sensor	N/A	cd/m ²	
	Measured screen luminance at 12 lux ambient at the ABC sensor	N/A	cd/m ²	
6 (a)	Specify Input terminal for the audio and video test signals used for testing	HDMI	NA	

6 (b), (c)	Attach data on the instrumentation, set-up and circuits used for testing	Yes	Yes/No	
6 (d).i	the characteristics of the dynamic broadcast-content video signal representing typical broadcast TV content;	IEC 62087 DVD 50 Ed 3.0		for the HDR dynamic broadcast content video signal the display must be automatically switched to HDR mode by the HDR metadata of that signal (HDR not applicable for '19)
6 (d).ii	the sequence of steps for achieving a stable condition with respect to power demand level for on mode	reference: IEC 62087		
6 (d).iii	the picture settings used for the brightest peak luminance measurement and the test pattern for the video signal used for the measurement for on mode	reference: IEC 62087		
6 (e).i	the measurement method used for standby and off mode	EN 50564: 2011		
6 (e).ii	description of how the standby and off mode was selected or programmed including any enhanced reactivation functions;	EN 50564:2011 5.2 Preparation of product		
6 (e).iii	sequence of events to reach the condition where the electronic display automatically changes mode.	EN 50564:2011 5.3.2 Sampling method		
6 (f).i	confirm the electronic display prioritises the computer display power management protocols in 6.2.3 of Annex II of Commission Regulation (EU) No 617/2013.	Yes	Yes/No	Annex II 617/2013: The computer shall be placed on the market with the display sleep mode set to activate within 10 minutes of user inactivity. Any deviation from the protocols should be reported
6 (g).i	for the networked electronic displays specify: number of network interfaces: type of network interfaces: location in the electronic display:	0 N/A N/A		exclude wireless network interfaces,
6 (g).ii	confirm electronic display has HiNA functionality;	No	Yes/No	if "No" the electronic display is considered not to be HiNA display or display with HiNA functionality ('HiNA' means High Network Availability as defined in Article 1 of Commission Reg. (EC) No 1275/2008
6 (g).iii	confirm networked electronic display provides functionality allowing the power management function and/or the end-user to switch the electronic display being in a condition providing networked standby into standby mode, or off mode or another condition which does not exceed the applicable power demand requirements for off mode and/or standby mode including enhanced reactivation function power allowance where applicable.	No	Yes/No	
6 (h).i	default time after which the power management function, switches the display into a condition providing networked standby;	N/A	Time	
6 (h).ii	the trigger to be used to reactivate the electronic display.	Software / PC signal		
7.10	if technical information provided by different suppliers or based on different models; Provide details on how data was derived.	N/A		Select appropriate options a) Technical information from a model that has the same technical characteristics but is produced by a different manufacturer or b) by calculation on the basis of design or by extrapolation from another model of the same or of a different supplier, or both; If option b) selected include details of calculation, verification of accuracy of the calculation