
TV Power Measurement Report

Model: LG UN55FD

Funded By:



Prepared By:



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1. Test Specifics

Test Start Date	2020-10-17
Test Start Time	17:53:19
Test End Time	21:19:49
Test Duration	0 days 03:26:30
Tester Name	ryan
Lab Name	demo
Lab Address	111 s st
Make	lg
Model	un55fd
Model Year	2020
Serial Number	555ddd
Software Version	1.1.1
Manufacture Year	2020
Manufacture Month	1
Screen Diagonal (inches)	55
Pixel Rows	1080
Pixel Columns	1920
Screen Area (sq in)	1700
TV Technology Type	LED
Humidity (%)	10
Temperature (Celcius)	10

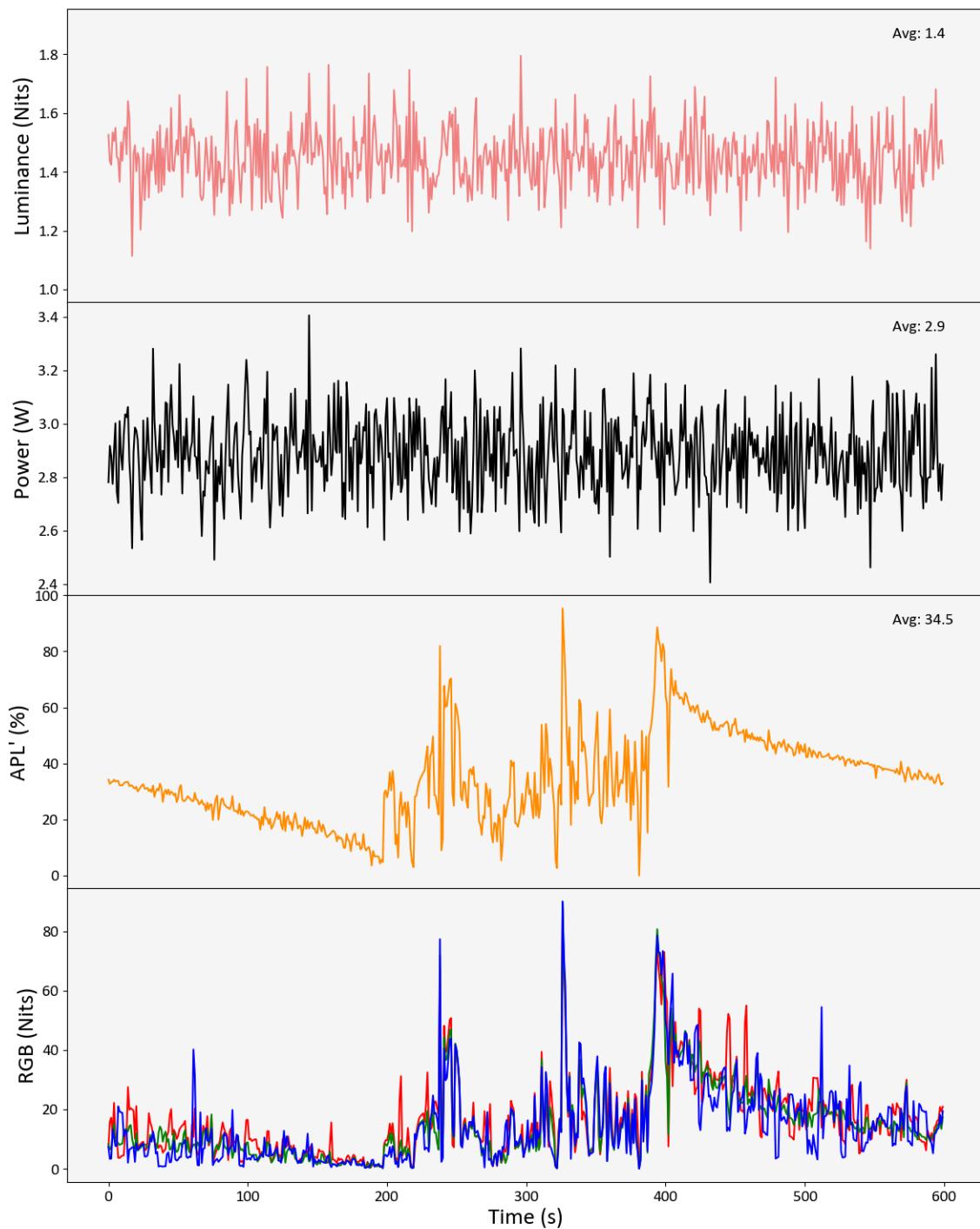
2. Test Results Table

Test Name	Test Time (s)	Video	Avg APL' (%)	ABC	Preset Picture	MDD	QS	Wake Time (s)	Avg Luminance (Nits)	Avg Power (W)
stabilization1	600	IEC SDR	34.5	off	aps	off			1.4	2.9
stabilization2	600	IEC SDR	34.5	off	aps	off			1.5	3.1
default	600	IEC SDR	34.5	off	aps	off			1.5	3.0
default_low_backlight	600	IEC SDR	34.5	off	aps	off			1.5	3.0
brightest	600	IEC SDR	34.5	off	vivid	off			1.8	3.6
brightest_low_backlight	600	IEC SDR	34.5	off	vivid	off			1.8	3.6
hdr10	300	CLASP HDR10	28.7	off	standard	off			1.9	3.9
hdr10_low_backlight	300	CLASP HDR10	28.7	off	standard	off			1.9	3.9
standby	2400		0.0				off	0.0	1.3	2.5
standby_echo	2400		0.0				oob	0.0	1.3	2.5
standby_google	2400		0.0				oob	0.0	1.9	3.8

3. Test Result Plots

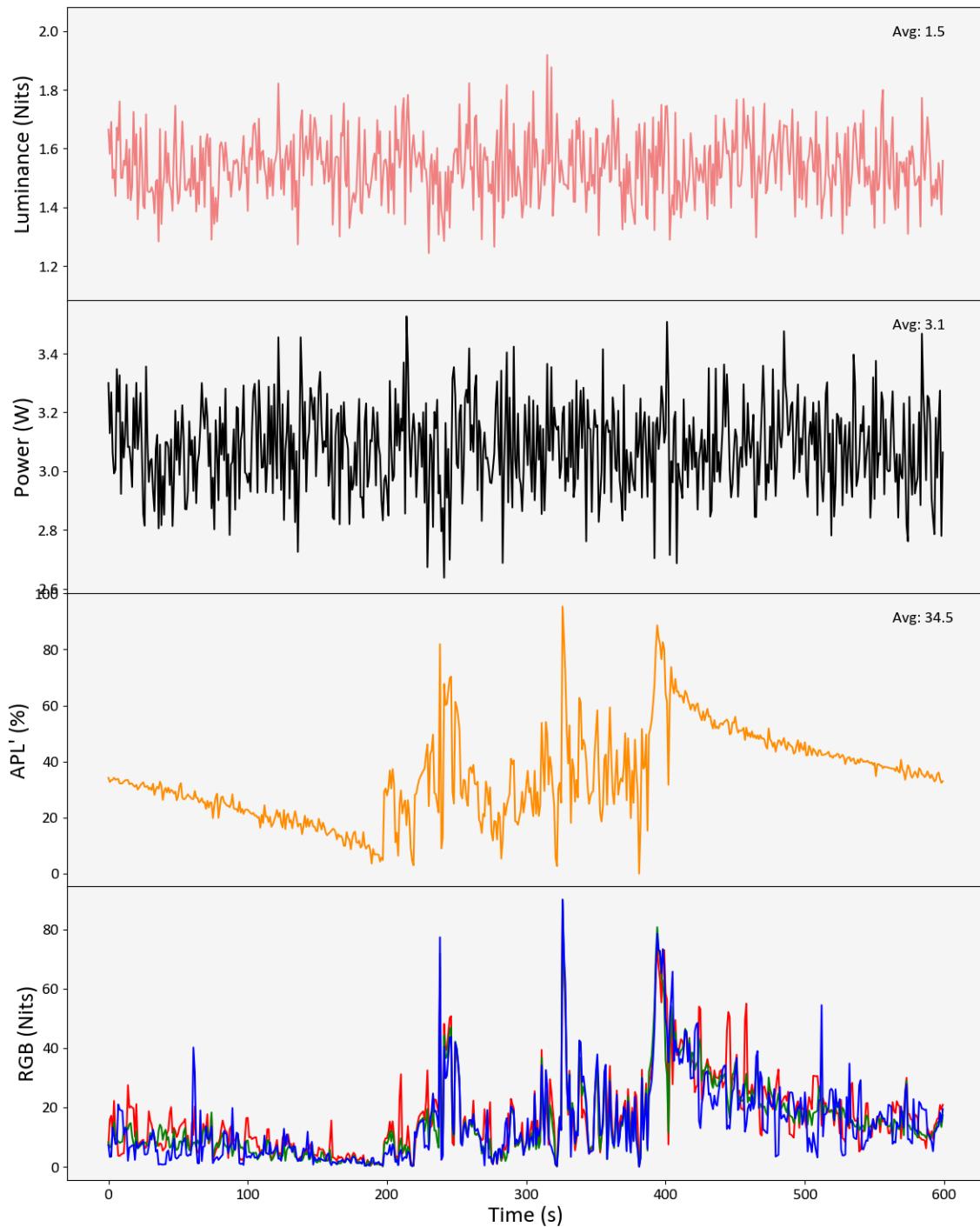
Test 2.1 - stabilization1

Test Name	Test Time (s)	Video	Avg APL' (%)	ABC	Preset Picture	MDD	Avg Luminance (Nits)	Avg Power (W)
stabilization1	600	IEC SDR	34.5	off	aps	off	1.4	2.9



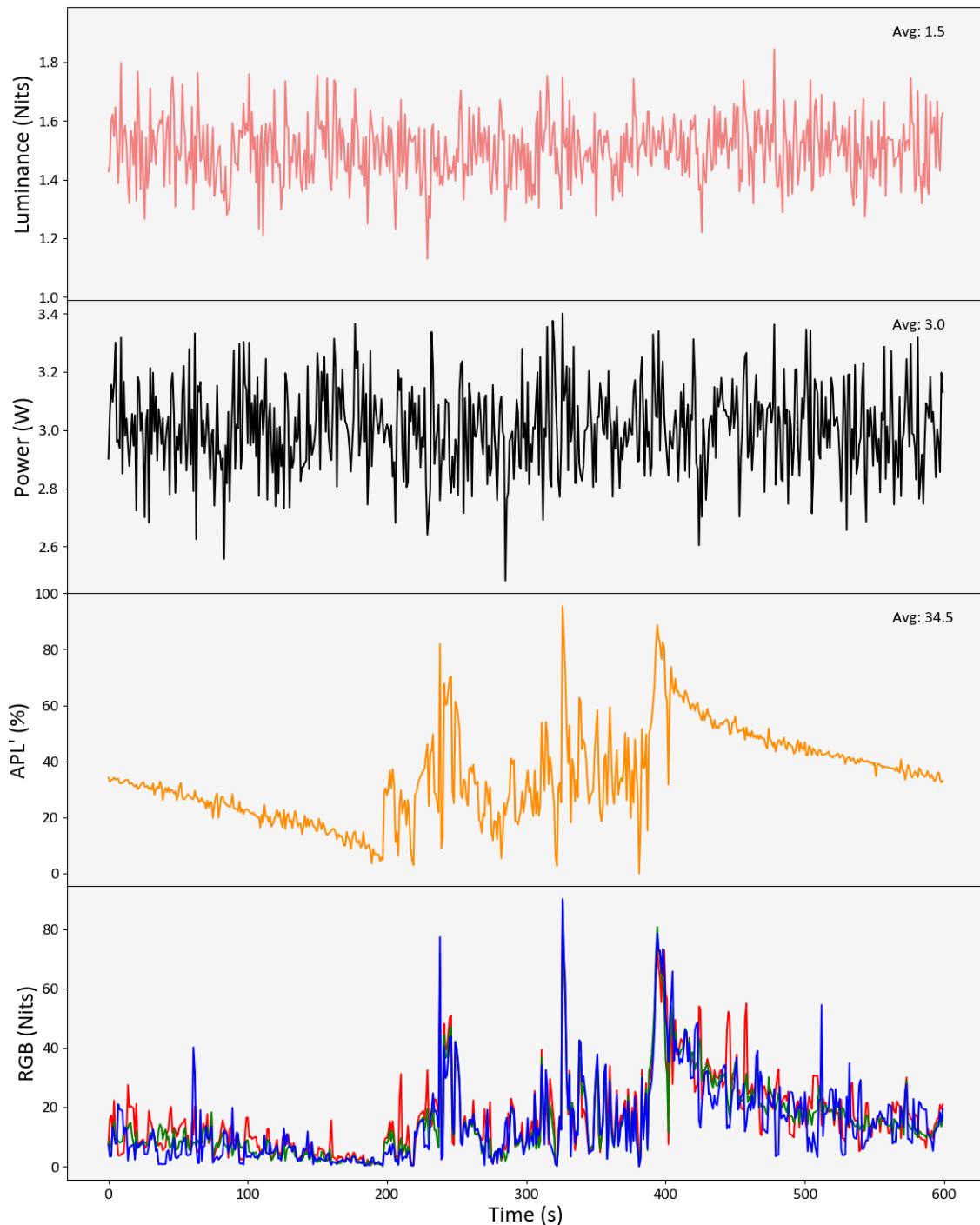
Test 2.2 - stabilization2

Test Name	Test Time (s)	Video	Avg APL' (%)	ABC	Preset Picture	MDD	Avg Luminance (Nits)	Avg Power (W)
stabilization2	600	IEC SDR	34.5	off	aps	off	1.5	3.1



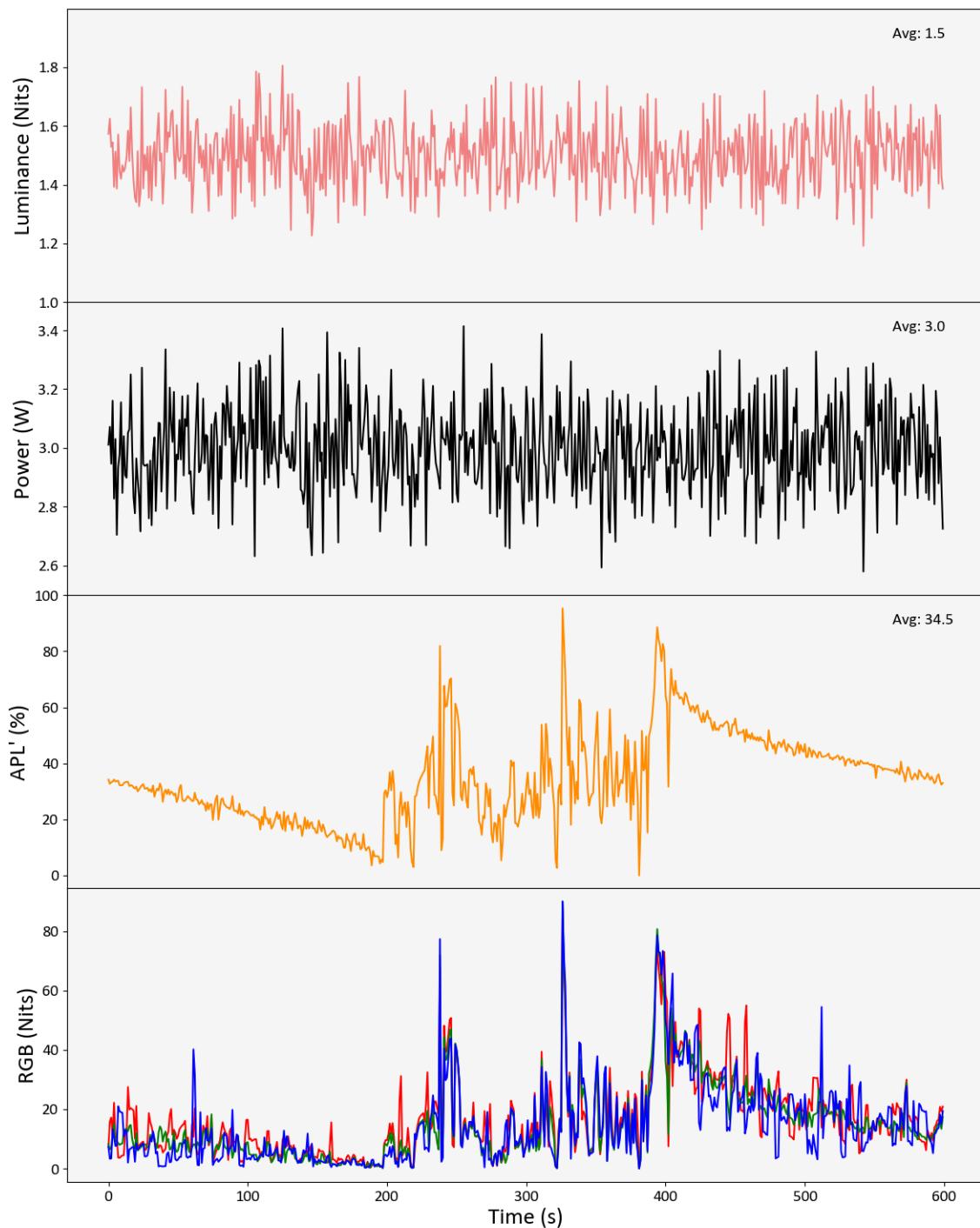
Test 7 - default

Test Name	Test Time (s)	Video	Avg APL' (%)	ABC	Preset Picture	MDD	Avg Luminance (Nits)	Avg Power (W)
default	600	IEC SDR	34.5	off	aps	off	1.5	3.0



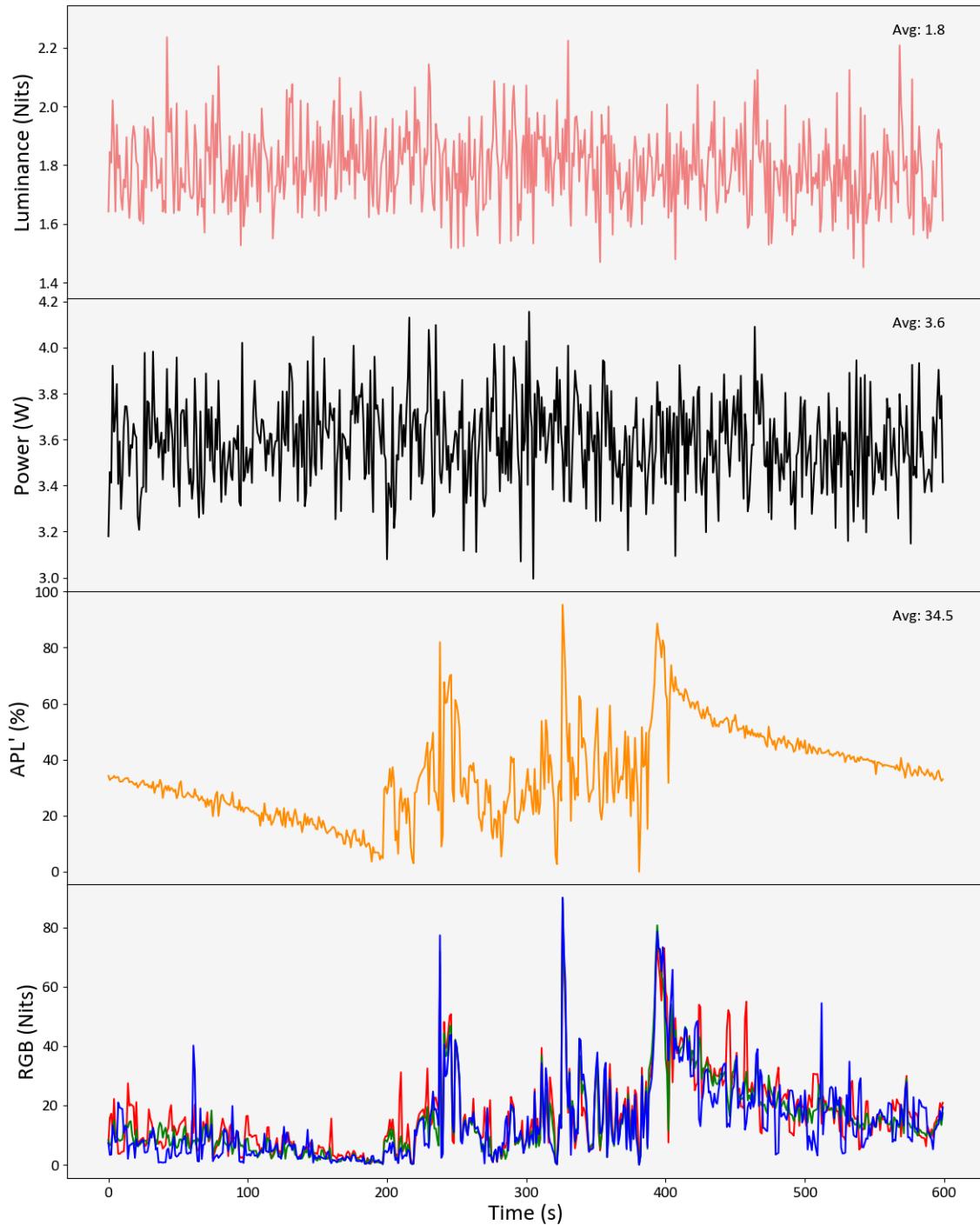
Test 8 - default_low_backlight

Test Name	Test Time (s)	Video	Avg APL' (%)	ABC	Preset Picture	MDD	Avg Luminance (Nits)	Avg Power (W)
default_low_backlight	600	IEC SDR	34.5	off	aps	off	1.5	3.0



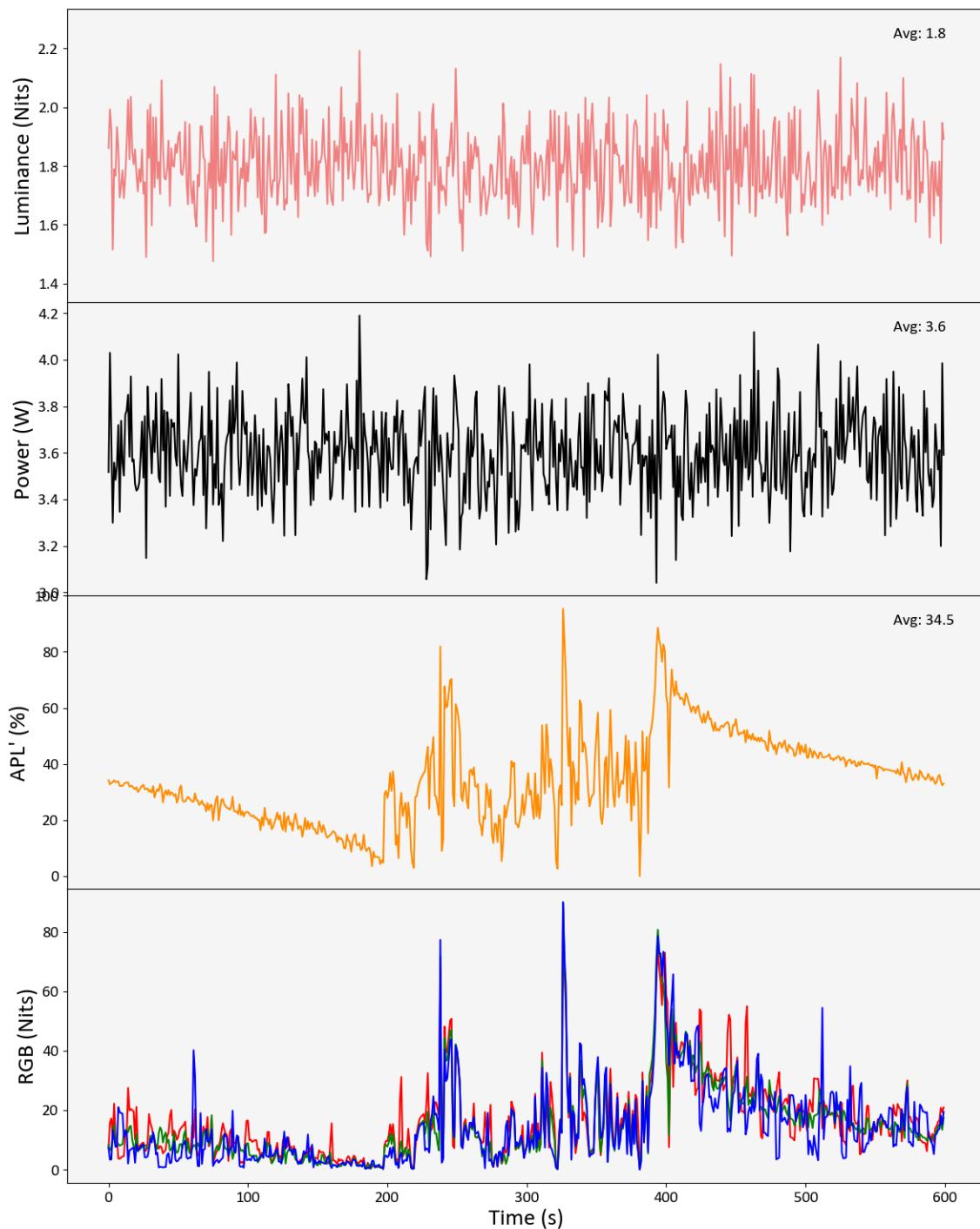
Test 9 - brightest

Test Name	Test Time (s)	Video	Avg APL' (%)	ABC	Preset Picture	MDD	Avg Luminance (Nits)	Avg Power (W)
brightest	600	IEC SDR	34.5	off	vivid	off	1.8	3.6



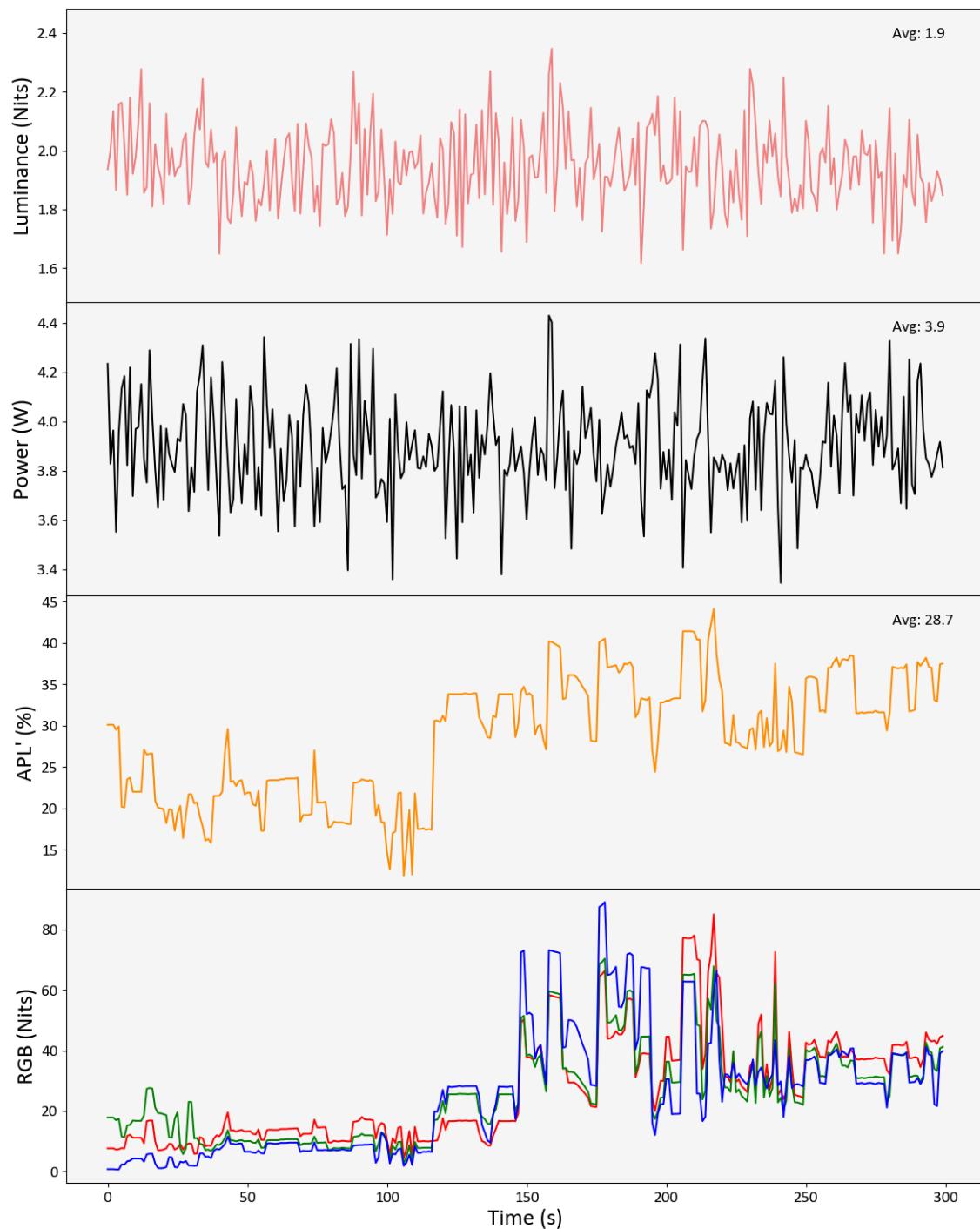
Test 10 - brightest_low_backlight

Test Name	Test Time (s)	Video	Avg APL' (%)	ABC	Preset Picture	MDD	Avg Luminance (Nits)	Avg Power (W)
brightest_low_backlight	600	IEC SDR	34.5	off	vivid	off	1.8	3.6



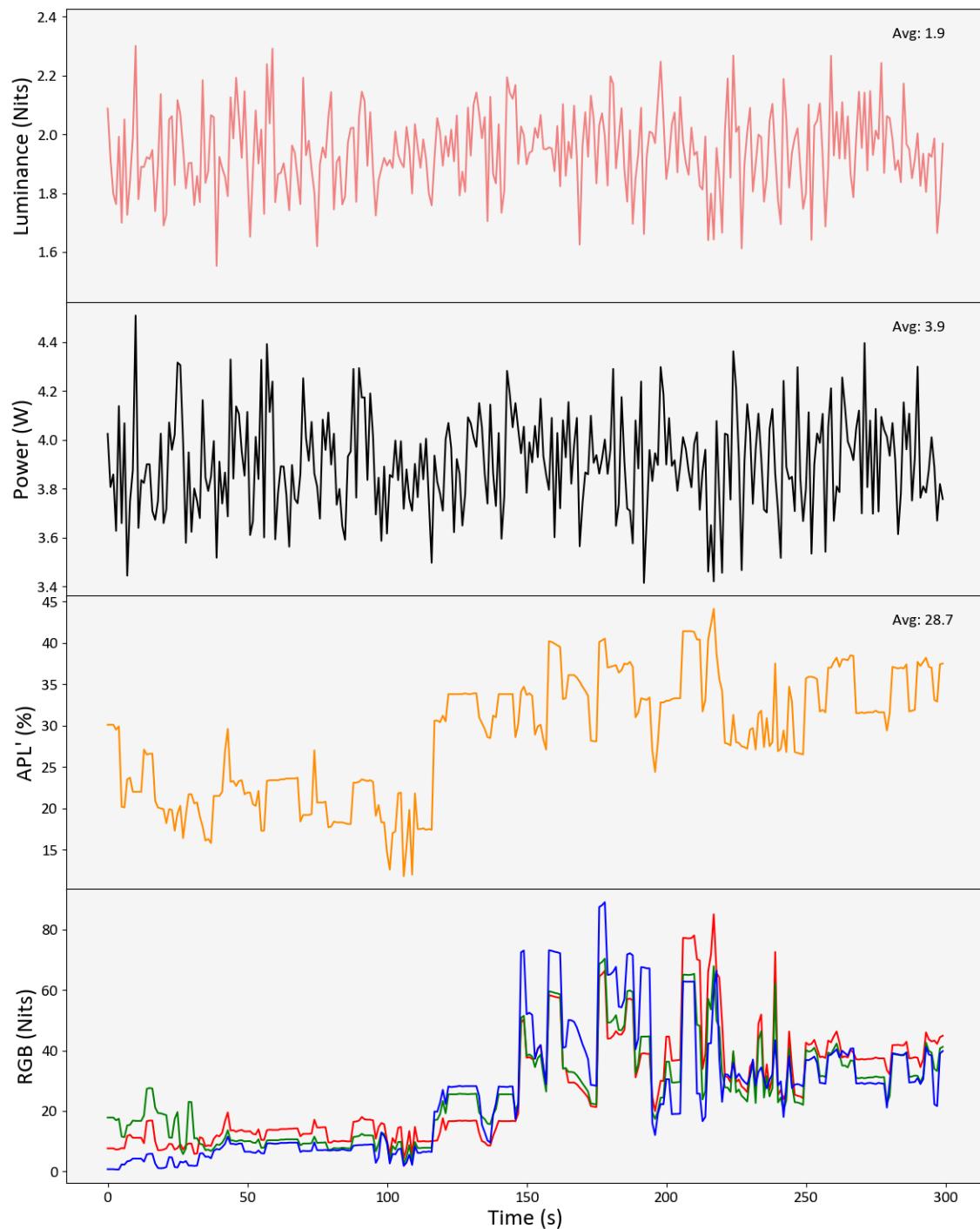
Test 11 - hdr10

Test Name	Test Time (s)	Video	Avg APL' (%)	ABC	Preset Picture	MDD	Avg Luminance (Nits)	Avg Power (W)
hdr10	300	CLASP HDR10	28.7	off	standard	off	1.9	3.9



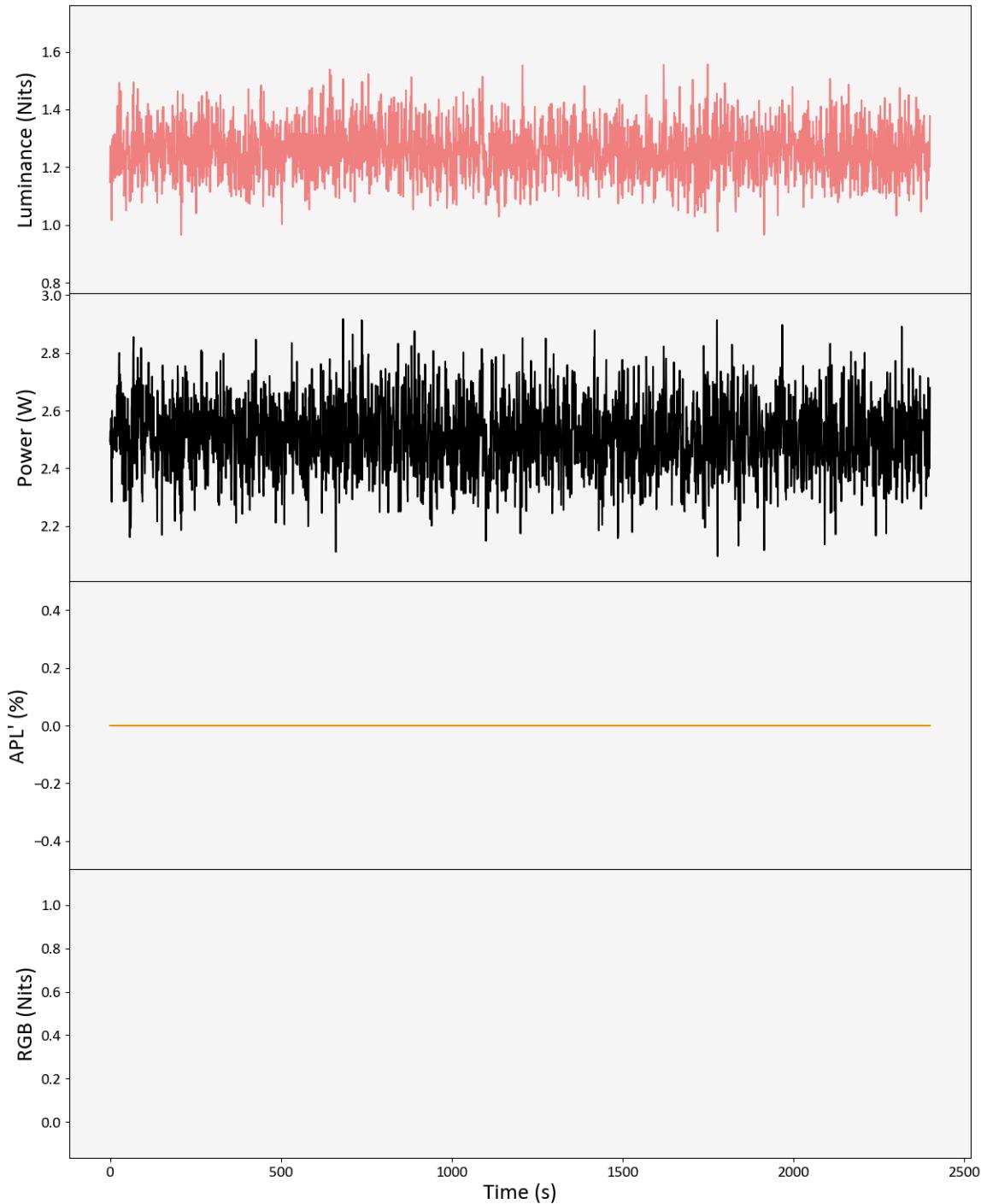
Test 12 - hdr10_low_backlight

Test Name	Test Time (s)	Video	Avg APL' (%)	ABC	Preset Picture	MDD	Avg Luminance (Nits)	Avg Power (W)
hdr10_low_backlight	300	CLASP HDR10	28.7	off	standard	off	1.9	3.9



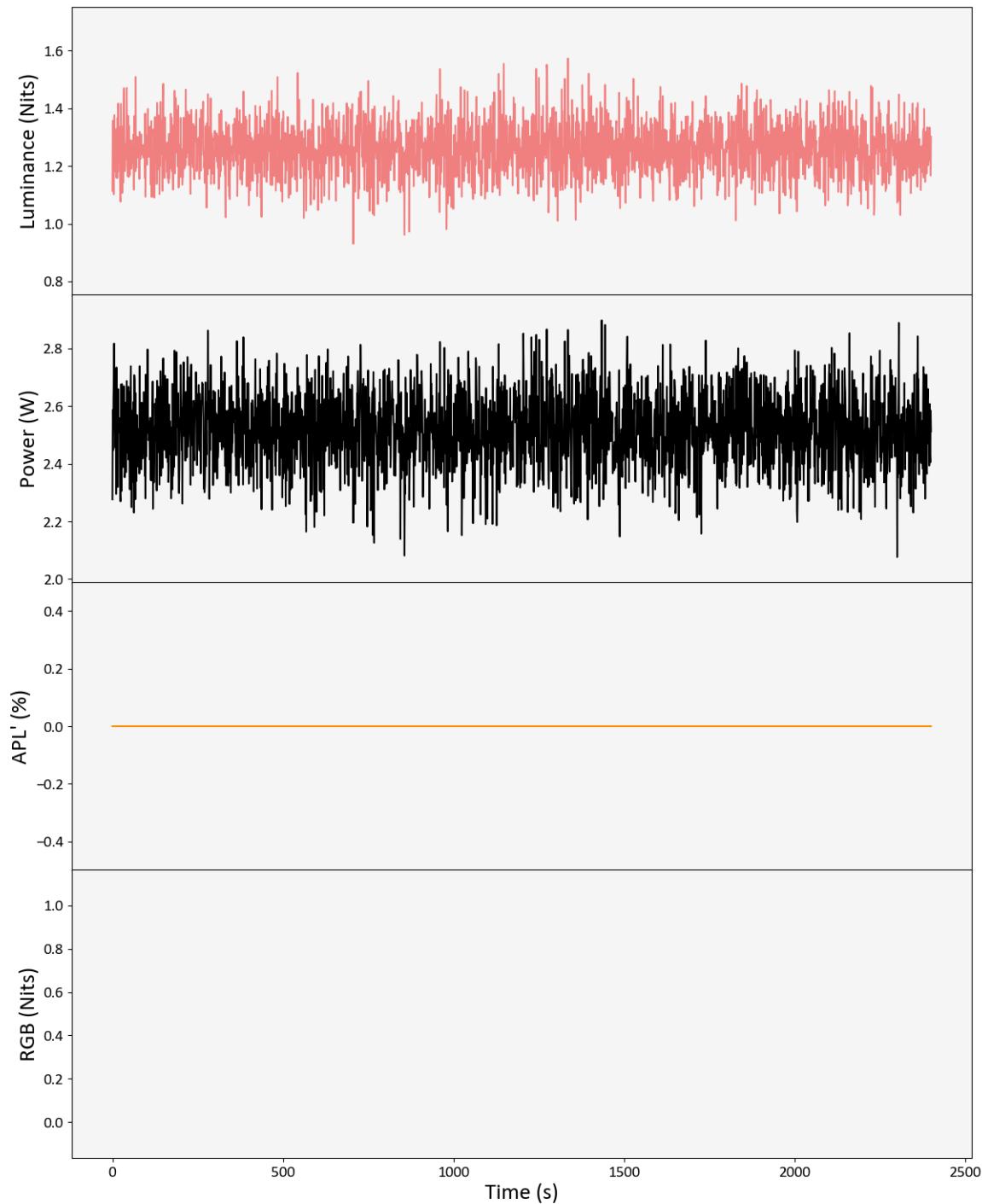
Test 13 - standby

Test Name	Test Time (s)	Avg APL' (%)	QS	Wake Time (s)	Avg Luminance (Nits)	Avg Power (W)
standby	2400	0.0	off	0.0	1.3	2.5



Test 15 - standby_echo

Test Name	Test Time (s)	Avg APL' (%)	QS	Wake Time (s)	Avg Luminance (Nits)	Avg Power (W)
standby_echo	2400	0.0	oob	0.0	1.3	2.5



Test 17 - standby_google

Test Name	Test Time (s)	Avg APL' (%)	QS	Wake Time (s)	Avg Luminance (Nits)	Avg Power (W)
standby_google	2400	0.0	oob	0.0	1.9	3.8

