ASUS ROG-STRIX-1200P-GAMING

2O074137128

Lab ID AS12002564

Certification ID 252564

Test Result Report ID: 24PS2564A

Certificate Issue Date: Sep 11, 2024

Scheme: ETA-EMI PSU

115V



230V



115V



230V



Scheme: LAMBDA PSU



Aristeidis Bitziopoulos, Certification Body General Manager

General Information

Test Equipment

Electronic Loads	Chroma 63601-5 x2 Chroma 63600-2 Chroma 63640-80-80 x10 Chroma 63610-80-20
AC Sources	Chroma 6530, APM SP300VAC4000W-P, GW Instek ASR-3500
Power Analyzers	Rohde & Schwarz HMC8015 & NPA701
Oscilloscopes	Picoscope 4444, Siglent SDS2104X PLUS
Sound Analyzer	Bruel & Kjaer 2270 G4
Microphone	Bruel & Kjaer Type 4955-A
Temperature Logger	Picoscope TC-08
Tachometer	UNI-T UT372
Multimeters	Keysight 34465A
EMI Analyzer	TekBox TBMR-110M-EU
Isolation Transformer	4kVA
UPS	FSP Champ Tower 3kVA, CyberPower OLS3000E 3kVA
Testing Methodology	Cybenetics PSU Test Protocol

DUT Information(Non-accredited measurements)

Product Identification Details	
Brand	ASUS
Model	ROG-STRIX-1200P-GAMING
OEM/ODM	Great Wall
Serial Number	2O074137128
Product Specifications	
Manufacturer-Provided Information	
□□□□ (Vrms)	100-240
□□□□ (Arms)	15-7.5
□□□□ (Hz)	47-63

□□□□ (W)	1200
Operating Temperature (Continuous Full Load) (°C)	
□□	ATX12V
□□□□	Fully Modular
Warranty	-
Cybenetics Measurements	
Dimensions (W x H x D)	
Weight	
□□	135mm Dual Ball Bearing Fan (F1214025BL)
□□□□□	✓ (selectable)
Cybenetics Testing Information	
Lab ID	AS12002564
Date of receipt	Sep 4, 2024
Testing Date	Sep 10, 2024
Report Issued Date	Sep 11, 2024
Engineer Name	-
Authorized By the Laboratory Technical Manager	Aristeidis Bitziopoulos
Signature	

□□□□ (Non-accredited measurements)

□□□□□				
□□	□□□□	□□□□□□	**Gauge**	In Cable Capacitors
ATX □□ 20+4 pin (610mm)	1	1	18AWG	□
4+4 pin EPS 12V □□ (1000mm)	2	2	18AWG	□
6+2pin PCIe□□ (750mm)	4	4	18AWG	□
12+4 pin PCIe (745mm) (600W)	1	1	16-24AWG	□
SATA□□ (400mm+120mm+120mm)	2	6	18AWG	□
4-pin Molex (390mm+150mm+150mm)	1	3	18AWG	□

Protection Features(Manufacturer)

Over Power Protection	✓
Over Current (+12V) Protection	✓
Over Temperature Protection	✓
Short Circuit Protection	✓
Surge Protection	✓
Inrush Current Protection	✓
Fan Failure Protection	✗

□□□□

□		3.3V	5V	12V	5VSB	-12V
□□□□	□□	25	25	100	3	0.3
	□	130		1200	15	3.6
□□□□□ (W)		1200				

Parts Description

General Data	
Manufacturer (OEM)	Great Wall
PCB Type	Double-Sided
Primary Side	
Transient Filter	4x Y caps, 2x X caps, 2x CM chokes, 1x MOV
Inrush Protection	1x NTC Thermistor SCK205 (5 Ohm @ 25°C) & Relay
Bridge Rectifier(s)	2x Vishay GBUE2560 (600V , 25A @ 140°C)
APFC MODFETs	1x Transphorm TP65H035G4WS (650V, 29.5A @ 100°C, Rds(on): 0.41Ohm)
APFC Boost Diode	1x CREE C3D16065 (650V, 16A @ 142°C)
Bulk Cap(s)	1x Rubycon (420V, 470uF , 3000h @ 105°C, MXK) & 1x Rubycon (420V , 820uF , 3000h @ 105°C, MXT)

Main Switchers	2x Rohm Semiconductor R6055VNZ4 (600V, 55A @ 25°C, Rds(on): 0.08Ohm)
APFC Controller	1x Champion CM6502UHHX & 1x Champion CM03X (reduce the no-load consumption)
Resonant Controller	1x Champion 6901X
IC DRIVER	1x Novosense NSi6602
Topology	Primary side: APFC, Half-Bridge & LLC converter Secondary side: Synchronous Rectification & DC-DC converters
Secondary Side	
+12V MOSFETs	6x Infineon BSC014N04LS (40V, 100A @ 100°C, Rds(on): 1.4mOhm)
5V & 3.3V	DC-DC Converters: 4x GP4A24 PWM Controller(s): 1x ANPECAPW7159C
Filtering Capacitors	Electrolytic: 1x Rubycon (4-10,000 @ 105°C, YXJ), 1x Rubycon (3-6,000 @ 105°C, YXT), 1x Rubycon (3-6,000 @ 105°C,YXG), 1x Rubycon (2-10,000 @ 105°C, YXF), 4x Nichicon (6-10000 @ 105°C, HW), Polymer: 35x FPCAP , 7x Nippon Chemi-Con
Supervisor IC	Weltrend WT7881P
Fan Controller	AS358M
Fan Model	EVERFLOW F1214025BL (135mm, 12V, 0.2A , Double Ball Bearing Fan)
5VSB Circuit	
High Side Rectifier	1x ER2J (600V, 2A @ 100°C)
Standby PWM Controller	Power Integrations TNY278PN

Test Results

Temperature & Compliance Info

□□□□ (°C /°F)	28-32 / 82.4-89.6
□□ ErP Lot3/6□□	✓
□□ (EU) No 617/2013□□	✓
ALPM (Alternative Low Power Mode) compatible	✓

Performance Summary

115V

Accredited	
□□□□ (>1450 load combinations)	90.016%
Average Noise Output (>1450 Load Combinations)	23.17dBA
PF□□□ (>1450 Load Combinations)	0.990
Efficiency With 10W (≤500W) or 2% (>500W) Load	74.747%
□□□□□□	0.0770W
Non-Accredited	
12V Ripple (Full Load)	24.55mV
5V Ripple (Full Load)	17.43mV
3.3V Ripple (Full Load)	20.79mV
5VSB Ripple (Full Load)	17.68mV
12V Load Regulation	0.24%
5V Load Regulation	0.63%
3.3V Load Regulation	0.79%
5VSB Load Regulation	3.94%
Inrush Current	181.000A

230V

Accredited	
□□□□ (>1450 load combinations)	91.787%
Average Noise Output (>1450 Load Combinations)	23.14dBA
PF□□□ (>1450 Load Combinations)	0.965
Efficiency With 10W (≤500W) or 2% (>500W) Load	-
□□□□□□	0.1531W
Non-Accredited	
12V Ripple (Full Load)	26.01mV
5V Ripple (Full Load)	16.61mV
3.3V Ripple (Full Load)	21.25mV

5VSB Ripple (Full Load)		17.17mV
12V Load Regulation		0.44%
5V Load Regulation		0.65%
3.3V Load Regulation		0.82%
5VSB Load Regulation		3.88%
Inrush Current		151.700A
12V Transient Response (200%)		11.22V
5V Transient Response (200%)		4.925V
3.3V Transient Response (200%)		3.136V
5VSB Transient Response (200%)		5.005V
□□□□ & PG□□		18.70ms
AC Loss to PWR_OK Hold Up Time		18.70ms
PWR_OK Inactive to DC Loss Delay		0.00ms
PSU Timings: T1 (20% / 100%)	50.0ms	49.0ms
PSU Timings: T3 (20% / 100%)	125.0ms	125.0ms
12V OCP (29.4°C / 45.4°C)	132.80A (132.80%), 12.073V	128.60A (128.60%), 12.080V
5V OCP (29.4°C / 45.4°C)	34.5A (138.00%), 5.027V	34.3A (137.20%), 5.031V
3.3V OCP (29.4°C / 45.4°C)	34.6A (138.40%), 3.274V	34.7A (138.80%), 3.274V
5VSB OCP (29.4°C / 45.4°C)	5.8A (193.33%), 5.007V	5.7A (190.00%), 5.003V
OPP (30.61°C / 42.19°C)	130.76%	126.01%

□□□□ & PG□□

Hold-Up Time (ms)	18.7
AC Loss to PWR_OK Hold Up Time (ms)	18.7
PWR_OK Inactive to DC Loss Delay (ms)	0

Tables

115V

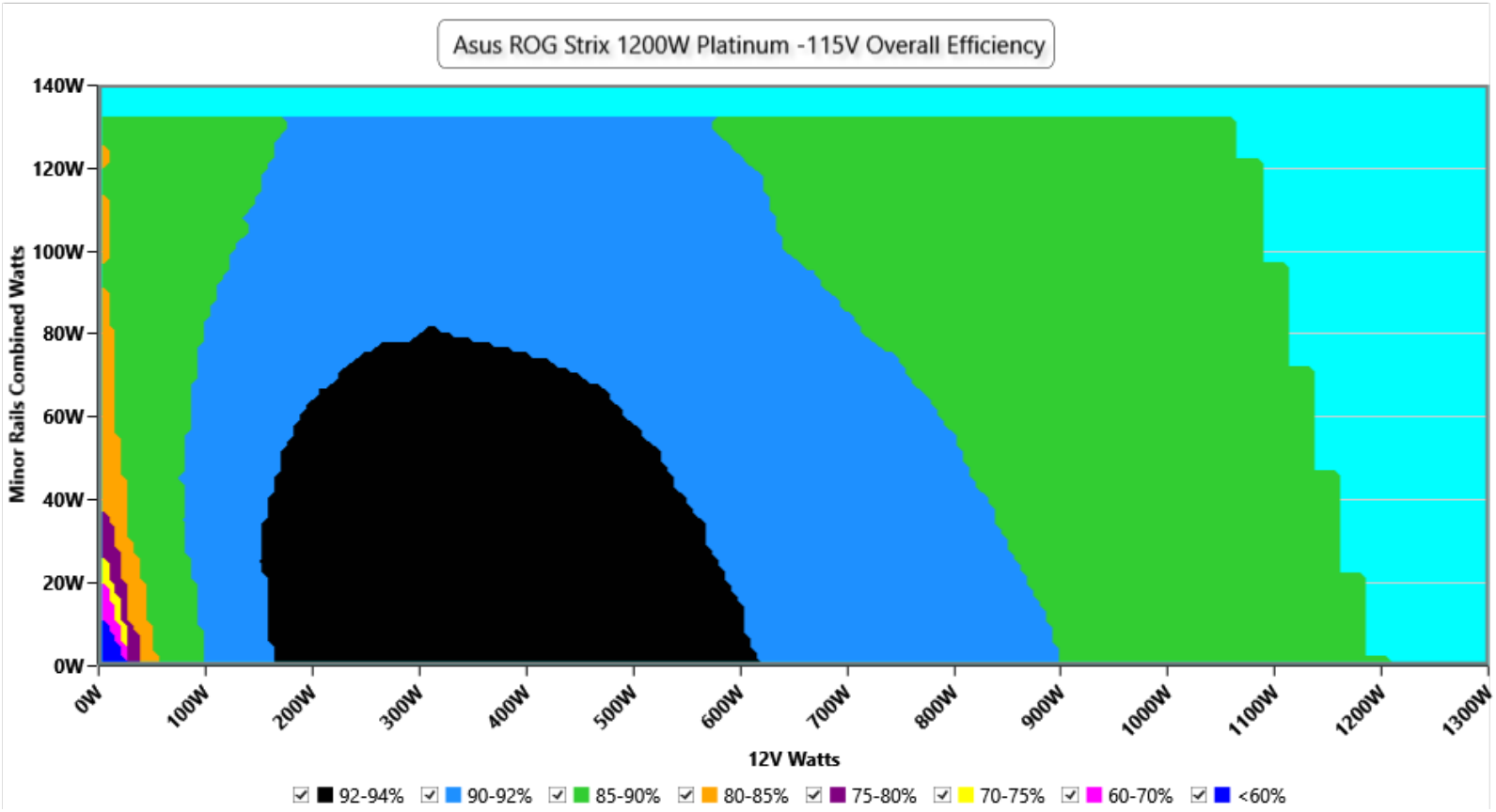
Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.07 V	115.04 V	113.85 V	115.11 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.99 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.416	1.415	1.340	1.418	1.490	PASS
Mains Voltage THD:	0.13 %	0.09 %	N/A	0.18 %	2.00 %	PASS
Real Power:	0.077 W	0.052 W	N/A	0.107 W	N/A	N/A
Apparent Power:	12.247 W	11.906 W	N/A	12.598 W	N/A	N/A
Power Factor:	0.005	N/A	N/A	N/A	N/A	N/A

230V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	231.02 V	230.93 V	227.70 V	231.10 V	232.30 V	PASS
Mains Frequency:	50.00 Hz	49.99 Hz	49.50 Hz	50.01 Hz	50.50 Hz	PASS
Mains Voltage CF:	1.417	1.416	1.340	1.419	1.490	PASS
Mains Voltage THD:	0.17 %	0.15 %	N/A	0.26 %	2.00 %	PASS
Real Power:	0.153 W	0.102 W	N/A	0.266 W	N/A	N/A
Apparent Power:	40.995 W	40.168 W	N/A	41.813 W	N/A	N/A
Power Factor:	0.003	N/A	N/A	N/A	N/A	N/A

□□□□□□

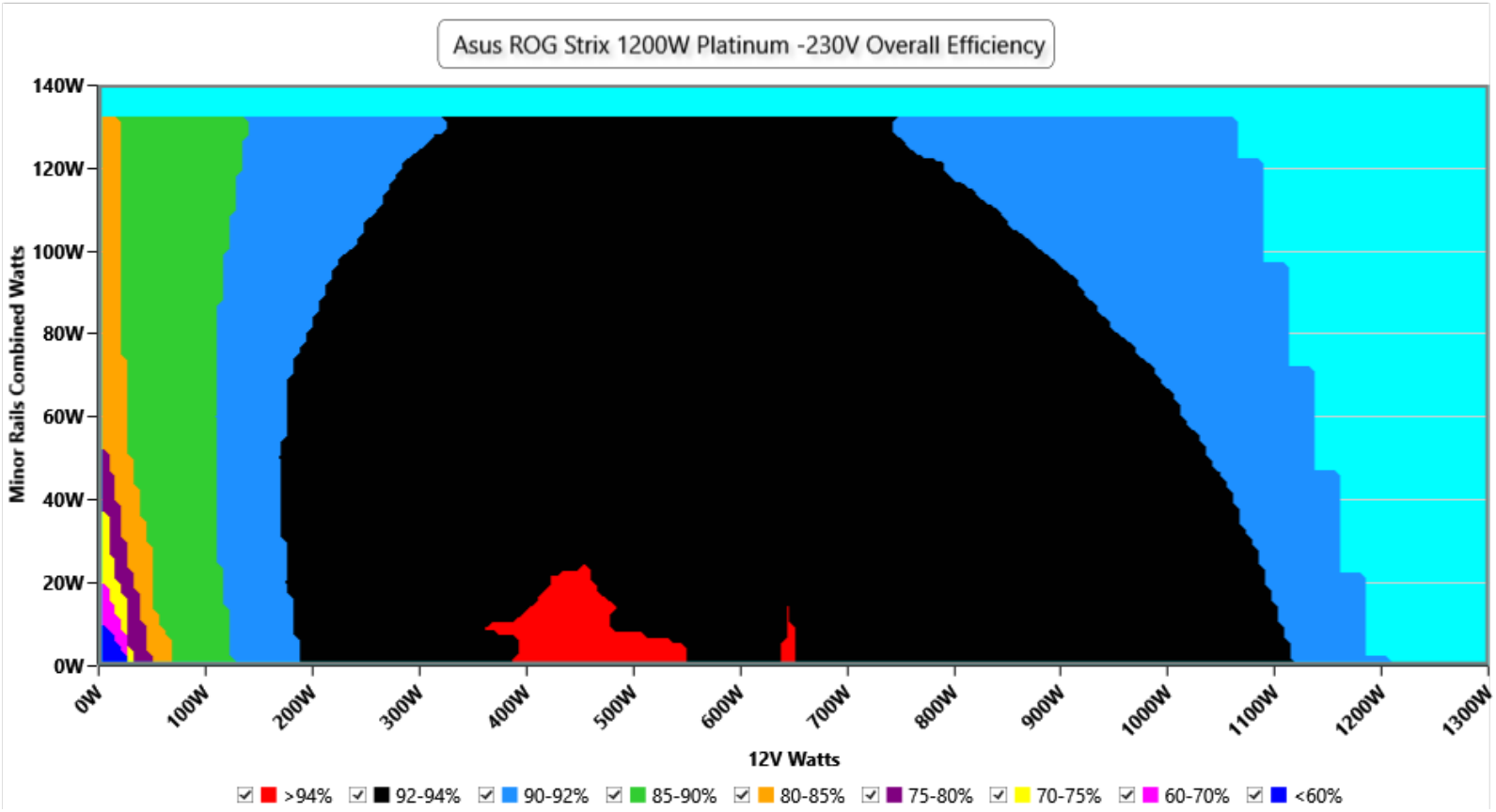
115V



□□

This graph depicts the PSU`s efficiency throughout its entire operational range. For the generation of the efficiency and noise graphs we set our loaders to auto mode through our custom-made software before trying thousands of possible load combinations

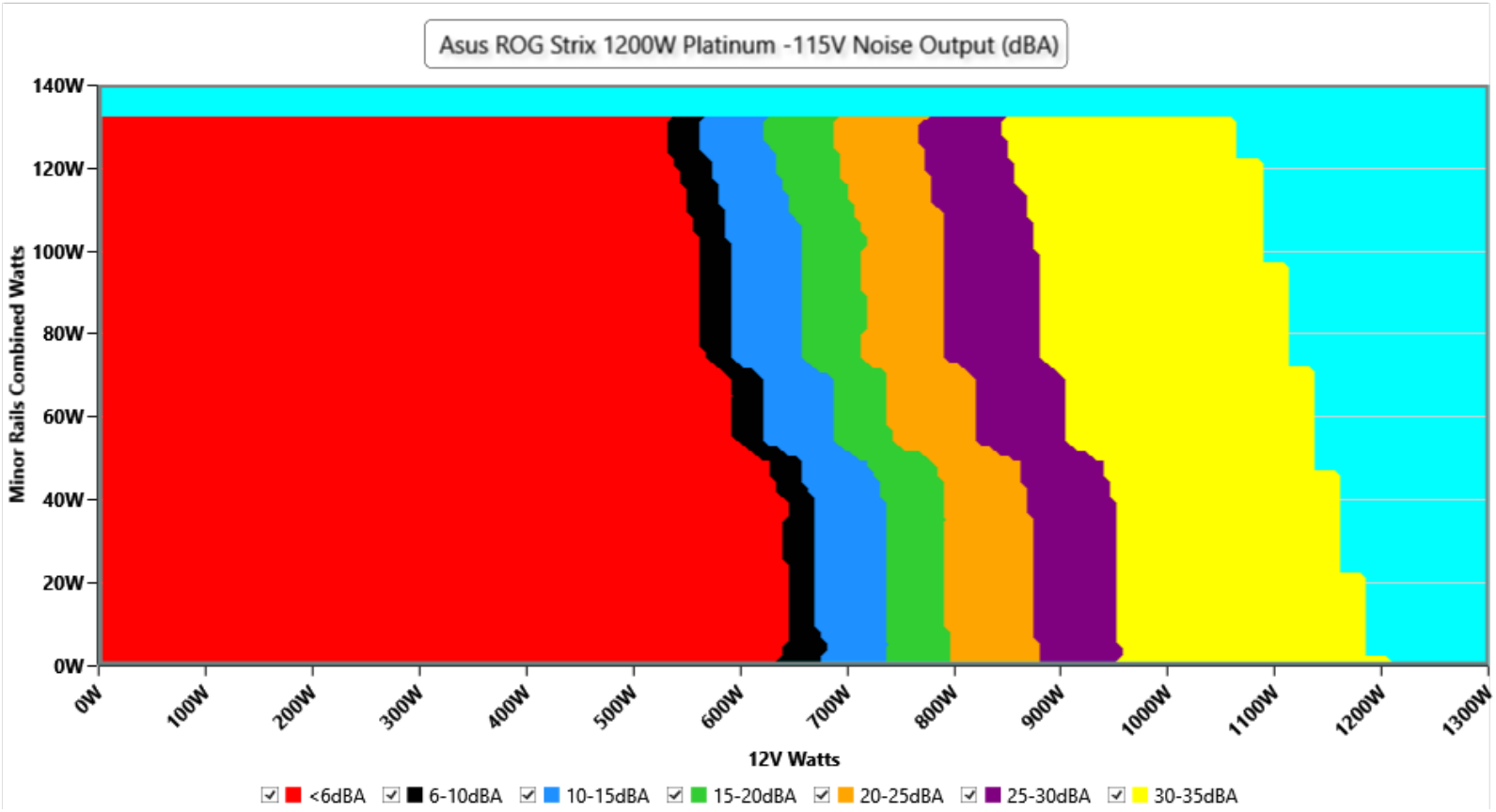
230V



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□□□□□

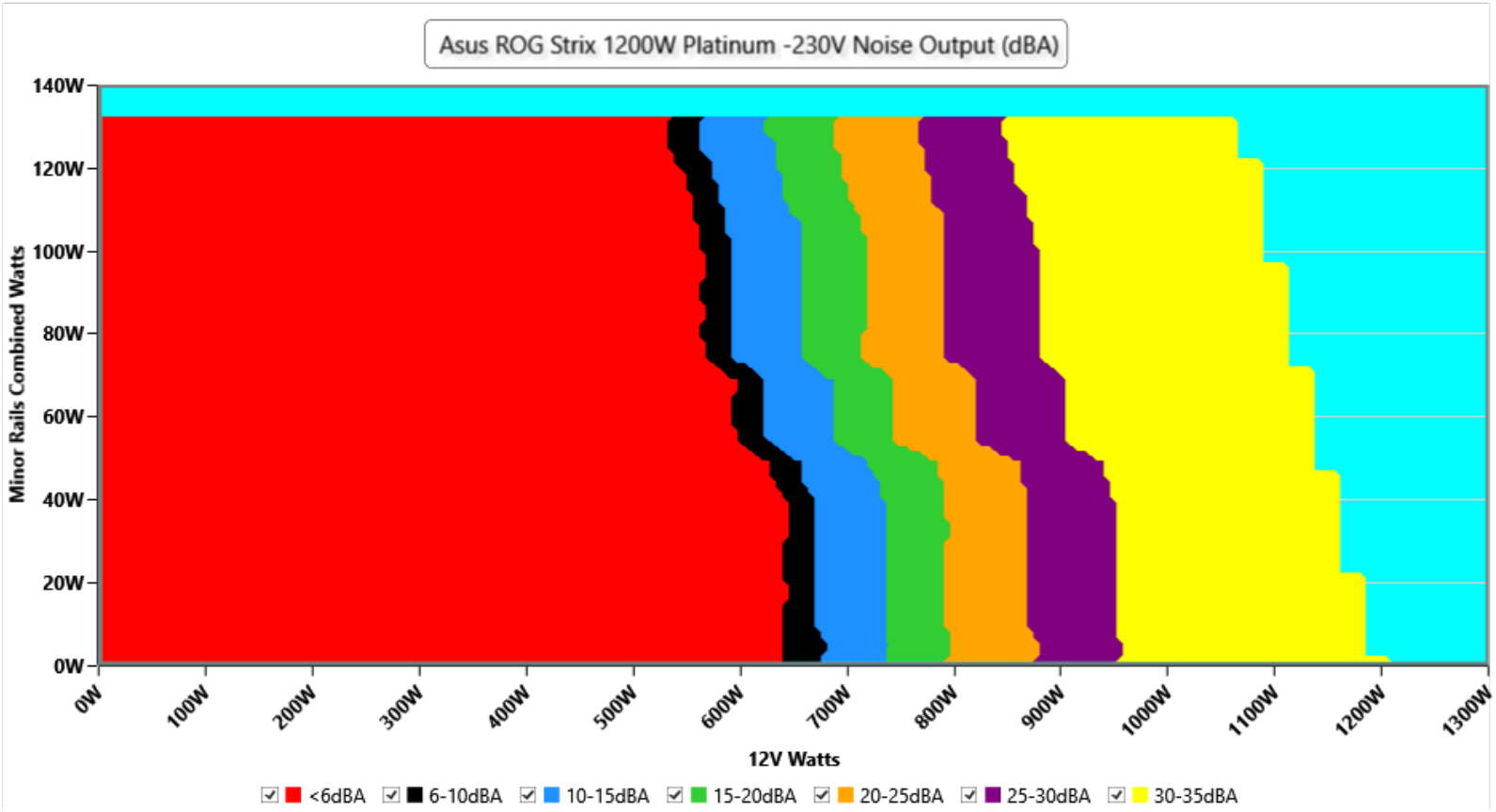
115V



□□

The PSU`s noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails

230V



The PSU`s noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails

Noise under high ambient temperature (indicative)

115V

Load	Normal ambient fan · noise · intake	High ambient fan · noise · intake	Noise change
10%	0 RPM · <6.0 dB(A) · 31.8 °C	0 RPM · <6.0 dB(A) · 44.3 °C	fan off in both
20%	0 RPM · <6.0 dB(A) · 34.5 °C	0 RPM · <6.0 dB(A) · 44.2 °C	fan off in both
50%	328 RPM · <6.0 dB(A) · 30.3 °C	340 RPM · <6.0 dB(A) · 42.4 °C	fan off in both
100%	1218 RPM · 35.4 dB(A) · 30.8 °C	1225 RPM · 35.5 dB(A) · 45.2 °C	**+0.1 dB(A)**

230V

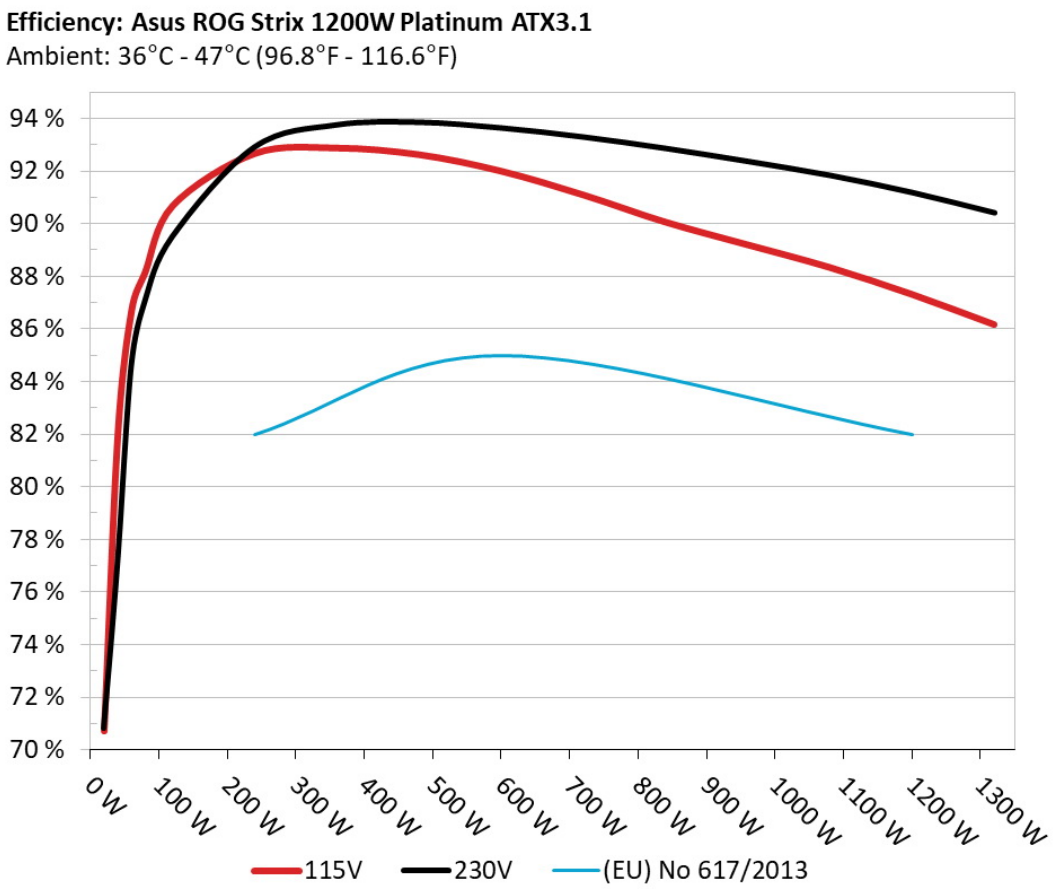
Load	Normal ambient fan · noise · intake	High ambient fan · noise · intake	Noise change
10%	0 RPM · <6.0 dB(A) · 33.0 °C	0 RPM · <6.0 dB(A) · 42.9 °C	fan off in both
20%	0 RPM · <6.0 dB(A) · 33.1 °C	0 RPM · <6.0 dB(A) · 43.0 °C	fan off in both
50%	328 RPM · <6.0 dB(A) · 30.9 °C	410 RPM · <6.0 dB(A) · 42.5 °C	fan off in both
100%	1217 RPM · 35.4 dB(A) · 30.6 °C	1227 RPM · 35.5 dB(A) · 45.5 °C	**+0.1 dB(A)**

INFO

Fan speed, noise and the measured intake temperature at 10, 20, 50 and 100 % load, from the two load regulation tests: at normal ambient (about 30-32 °C) and at high ambient (about 40-47 °C). These are stabilized readings at fixed loads, not averages over the certification sweep, so they are indicative of how the fan behaves when it is hot. "<6.0" is the floor of our sound meter, with the fan stopped; with the fan stopped, the intake sensor can read higher than the chamber air.

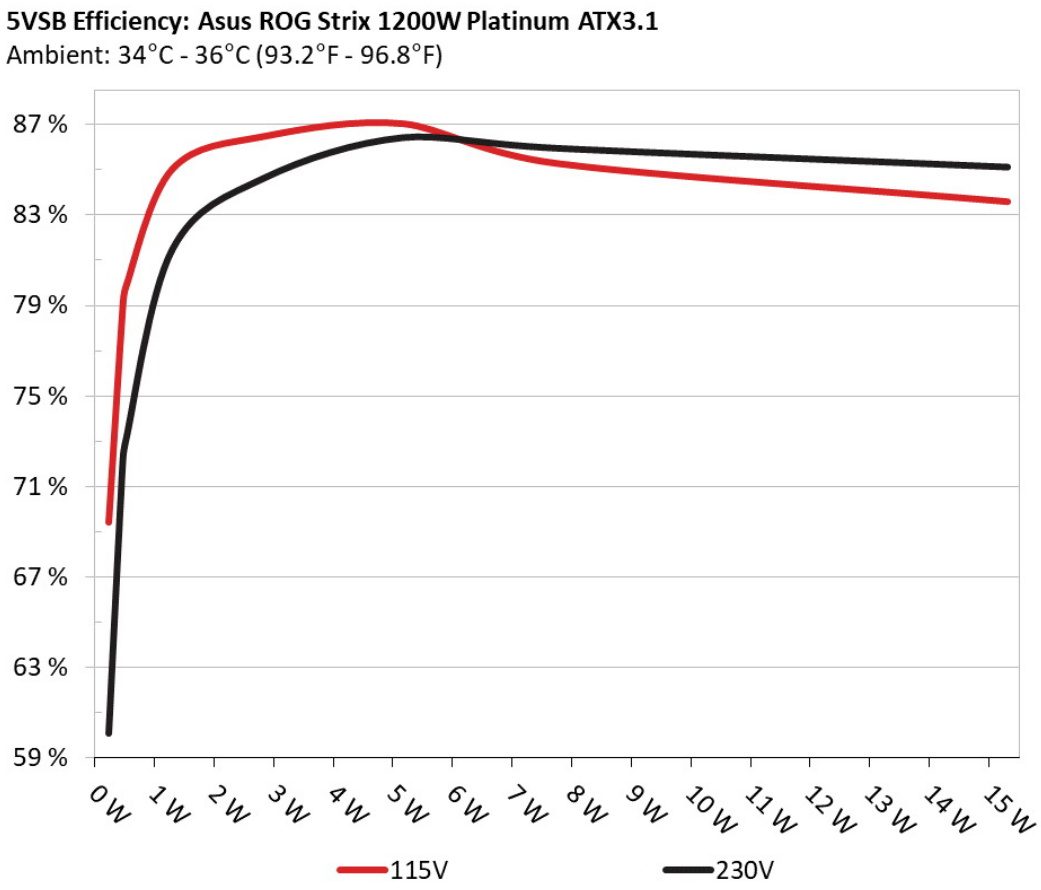
Informational. Not part of the ETA or LAMBDA rating.

Indicative Performance



The PSU`s efficiency under high ambient temperatures with 115V and 230V input. For this graph the results of the 10-110% load regulation table are used

5Vsb□□□□



□□

This graph depicts the efficiency levels of the 5VSB rail with 115V and 230V input

□□□□ □□ 5Vsb □□ (ErP Lot3/6 & CEC)

115V

□□ #	5VSB	DC/AC (□)	□□	PF/AC □□
1	**0.045A**	0.234W	68.921%	0.029
	5.2V	0.34W		114.93V
2	**0.09A**	0.468W	78.383%	0.05
	5.198V	0.597W		114.93V
3	**0.55A**	2.851W	85.991%	0.232
	5.183V	3.315W		114.92V
4	**1A**	5.169W	86.547%	0.334
	5.168V	5.972W		114.92V
5	**1.5A**	7.73W	84.797%	0.391
	5.152V	9.116W		114.92V
6	**3A**	15.303W	83.098%	0.476
	5.101V	18.415W		114.91V

230V

□□ #	5VSB	DC/AC (□)	□□	PF/AC □□
1	**0.045A**	0.234W	59.583%	0.009
	5.2V	0.395W		229.89V
2	**0.09A**	0.468W	71.545%	0.015
	5.198V	0.656W		229.89V
3	**0.55A**	2.851W	84.147%	0.077
	5.183V	3.39W		229.89V
4	**1A**	5.169W	85.921%	0.131
	5.169V	6.017W		229.89V
5	**1.5A**	7.73W	85.454%	0.185
	5.153V	9.047W		229.89V
6	**3A**	15.306W	84.62%	0.298
	5.102V	18.088W		229.89V

Protection Features

OCP (Normal @ 29.4°C)	12V: 132.80A (132.80%), 12.073V 5V: 34.5A (138.00%), 5.027V 3.3V: 34.6A (138.40%), 3.274V 5VSB: 5.8A (193.33%), 5.007V
OCP (Hot @ 45.4°C)	12V: 128.60A (128.60%), 12.080V 5V: 34.3A (137.20%), 5.031V 3.3V: 34.7A (138.80%), 3.274V 5VSB: 5.7A (190.00%), 5.003V
OPP (Normal @ 30.6°C)	1569.12W (130.76%)
OPP (Hot @ 42.2°C)	1512.14W (126.01%)
OTP	✓ (110°C @ Heat Sink)
SCP	12V to Earth: ✓ 5V to Earth: ✓ 3.3V to Earth: ✓ 5VSB to Earth: ✓ -12V to Earth: ✓
PWR_OK	PWR_OK inactive to DC loss delay <=1ms
NLO	✓
Fan Failure Protection	✗
SIP	Surge: MOV Inrush: NTC & Bypass Relay

Supplementary Tests (For Reference)

10-110%□□□□

115V

□□	12V	5V	3.3V	5VSB	DC/AC (□)	□□	□□□□ (RPM)	□□□□□□□ (dB[A])	□□ (□□ /□□)	PF/AC □□
10%	**8.138A**	**1.958A**	**2.002A**	**0.969A**	120.003	90.686%	0	<6.0	44.27°C	0.979
	12.093V	5.106V	3.297V	5.162V	132.33				40.43°C	114.87V

20%	**17.292A**	**2.94A**	**3.005A**	**1.166A**	239.965	92.671%	0	<6.0	44.21°C	0.979
	12.090V	5.103V	3.294V	5.146V	258.943				40.52°C	114.83V
30%	**26.736A**	**3.431A**	**3.508A**	**1.365A**	359.212	92.878%	0	<6.0	45.71°C	0.987
	12.087V	5.101V	3.293V	5.129V	386.762				41.13°C	114.79V
40%	**36.276A**	**3.922A**	**4.012A**	**1.565A**	479.578	92.631%	0	<6.0	45.75°C	0.991
	12.084V	5.1V	3.291V	5.112V	517.732				41.83°C	114.75V
50%	**45.424A**	**4.907A**	**5.02A**	**1.767A**	599.331	92.006%	340	<6.0	42.41°C	0.994
	12.082V	5.095V	3.287V	5.095V	651.399				57.15°C	114.7V
60%	**54.639A**	**5.895A**	**6.03A**	**1.97A**	719.847	91.099%	528	9	42.79°C	0.995
	12.080V	5.09V	3.284V	5.077V	790.184				58.22°C	114.66V
70%	**63.792A**	**6.883A**	**7.042A**	**2.174A**	839.568	90.067%	727	19.3	43.2°C	0.996
	12.078V	5.086V	3.281V	5.059V	932.162				59.04°C	114.62V
80%	**73.023A**	**7.87A**	**8.054A**	**2.28A**	959.568	89.205%	950	27.8	43.93°C	0.997
	12.075V	5.082V	3.278V	5.044V	1075.679				58.57°C	114.57V
90%	**82.584A**	**8.366A**	**8.548A**	**2.386A**	1079.358	88.346%	1156	34.3	44.75°C	0.997
	12.071V	5.079V	3.276V	5.029V	1221.743				59.44°C	114.52V
100%	**91.955A**	**8.862A**	**9.073A**	**3.001A**	1199.397	87.324%	1225	35.5	45.2°C	0.998
	12.068V	5.077V	3.274V	4.998V	1373.504				62.66°C	114.46V
110%	**101.248A**	**9.853A**	**10.181A**	**3.009A**	1320.006	86.171%	1348	36.4	46.8°C	0.998
	12.066V	5.074V	3.271V	4.985V	1531.851				66.55°C	114.4V
CL1	**0.116A**	**15.424A**	**15.737A**	**0A**	131.303	84.363%	462	<6.0	40.46°C	0.982
	12.110V	5.076V	3.279V	5.184V	155.643				50.41°C	114.86V
CL2	**0.116A**	**24.639A**	**0A**	**0A**	126.244	82.295%	588	11.9	40.94°C	0.982
	12.107V	5.067V	3.293V	5.188V	153.406				54.37°C	114.86V
CL3	**0.114A**	**0A**	**25.173A**	**0A**	83.897	77.581%	642	15.5	40.22°C	0.969
	12.105V	5.106V	3.277V	5.188V	108.142				49.86°C	114.88V
CL4	**99.475A**	**0A**	**0A**	**0A**	1199.964	88.005%	1231	35.6	45.98°C	0.997
	12.063V	5.101V	3.287V	5.101V	1363.525				58.26°C	114.48V

The results above are not used in the certification process

230V

□□	12V	5V	3.3V	5VSB	DC/AC (□)	□□	□□□□ (RPM)	□□□□□□□ (dB[A])	□□ (□□ /□□)	PF/AC □□
10%	**8.136A**	**1.958A**	**2.002A**	**0.969A**	120.007	89.505%	0	<6.0	42.88°C	0.883
	12.094V	5.107V	3.297V	5.163V	134.079				40.47°C	229.87V
20%	**17.286A**	**2.939A**	**3.005A**	**1.166A**	239.973	92.908%	0	<6.0	42.98°C	0.946
	12.094V	5.104V	3.294V	5.146V	258.291				40.51°C	229.85V
30%	**26.731A**	**3.43A**	**3.508A**	**1.365A**	359.233	93.75%	0	<6.0	44.02°C	0.967
	12.090V	5.102V	3.293V	5.129V	383.184				41.14°C	229.83V
40%	**36.272A**	**3.923A**	**4.012A**	**1.565A**	479.601	93.852%	327	<6.0	41.55°C	0.974
	12.086V	5.099V	3.29V	5.113V	511.017				54.51°C	229.81V
50%	**45.423A**	**4.908A**	**5.021A**	**1.766A**	599.351	93.639%	410	<6.0	42.47°C	0.98
	12.083V	5.094V	3.287V	5.096V	640.067				56.17°C	229.79V
60%	**54.643A**	**5.894A**	**6.031A**	**1.969A**	719.868	93.292%	561	10.2	42.91°C	0.984
	12.079V	5.09V	3.284V	5.078V	771.626				56.9°C	229.77V
70%	**63.803A**	**6.883A**	**7.043A**	**2.174A**	839.587	92.861%	727	19.3	43.2°C	0.986
	12.076V	5.086V	3.28V	5.061V	904.137				56.79°C	229.75V
80%	**73.038A**	**7.87A**	**8.056A**	**2.279A**	959.584	92.366%	950	27.8	43.92°C	0.988
	12.072V	5.082V	3.277V	5.046V	1038.887				56.55°C	229.73V
90%	**82.605A**	**8.366A**	**8.551A**	**2.385A**	1079.375	91.836%	1157	34.3	44.36°C	0.989
	12.068V	5.079V	3.275V	5.032V	1175.327				56.56°C	229.7V
100%	**91.980A**	**8.863A**	**9.076A**	**3A**	1199.421	91.185%	1227	35.5	45.49°C	0.991
	12.065V	5.077V	3.273V	5.001V	1315.365				59.03°C	229.68V
110%	**101.279A**	**9.854A**	**10.185A**	**3.007A**	1320.017	90.413%	1338	35.9	46.6°C	0.992
	12.062V	5.073V	3.27V	4.988V	1459.984				61.88°C	229.66V
CL1	**0.116A**	**15.42A**	**15.737A**	**0A**	131.304	83.721%	457	<6.0	40.03°C	0.911
	12.113V	5.077V	3.279V	5.184V	156.836				52.75°C	229.86V
CL2	**0.116A**	**24.63A**	**0A**	**0A**	126.246	81.573%	587	11.9	40.4°C	0.908
	12.111V	5.069V	3.293V	5.188V	154.766				49.99°C	229.86V
CL3	**0.114A**	**0A**	**25.168A**	**0A**	83.898	76.461%	643	15.5	40.65°C	0.851
	12.102V	5.105V	3.278V	5.188V	109.722				48.22°C	229.87V

CL4	**99.495A**	**0A**	**0A**	**0A**	1199.963	91.725%	1231	35.6	45.67°C	0.99
	12.060V	5.099V	3.286V	5.103V	1308.227				56.08°C	229.68V

The results above are not used in the certification process

20-80□□□□□

115V

□□	**12V**	**5V**	**3.3V**	**5VSB**	**DC/AC (□)**	□□	□□□□ **(RPM)**	□□□□□□□ **(dB[A])**	□□ **(□□ /□□)**	**PF/AC □□**
20W	**1.228A**	**0.489A**	**0.5A**	**0.193A**	20.004	70.717%	0	<6.0	37.93°C	0.857
	12.088V	5.109V	3.3V	5.195V	28.289				36.01°C	114.91V
40W	**2.703A**	**0.685A**	**0.7A**	**0.289A**	40.004	82.052%	0	<6.0	40.19°C	0.924
	12.096V	5.109V	3.299V	5.19V	48.754				37.27°C	114.89V
60W	**4.178A**	**0.881A**	**0.9A**	**0.386A**	60.003	86.711%	0	<6.0	40.92°C	0.959
	12.095V	5.109V	3.299V	5.186V	69.2				38.04°C	114.89V
80W	**5.649A**	**1.077A**	**1.1A**	**0.483A**	79.953	88.168%	0	<6.0	42.37°C	0.965
	12.094V	5.109V	3.299V	5.181V	90.685				39.11°C	114.88V

The results above are not used in the certification process

230V

□□	**12V**	**5V**	**3.3V**	**5VSB**	**DC/AC (□)**	□□	□□□□ **(RPM)**	□□□□□□□ **(dB[A])**	□□ **(□□ /□□)**	**PF/AC □□**
20W	**1.226A**	**0.489A**	**0.5A**	**0.193A**	20.002	70.827%	0	<6.0	38.95°C	0.473
	12.118V	5.11V	3.3V	5.195V	28.239				36.33°C	229.89V
40W	**2.700A**	**0.685A**	**0.7A**	**0.289A**	40.003	77.09%	0	<6.0	39°C	0.672
	12.106V	5.11V	3.3V	5.19V	51.893				37.04°C	229.88V
60W	**4.180A**	**0.881A**	**0.9A**	**0.386A**	60.005	84.559%	0	<6.0	39.87°C	0.766
	12.089V	5.109V	3.299V	5.186V	70.961				38.38°C	229.88V
80W	**5.652A**	**1.077A**	**1.1A**	**0.483A**	79.96	87.049%	0	<6.0	41.97°C	0.819
	12.090V	5.109V	3.299V	5.181V	91.856				39.5°C	229.88V

The results above are not used in the certification process

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	14.1 mV	13.6 mV	16.5 mV	12.7 mV	Pass
20% Load	14.5 mV	15.0 mV	17.2 mV	14.1 mV	Pass
30% Load	14.5 mV	13.4 mV	17.1 mV	12.9 mV	Pass
40% Load	16.3 mV	14.4 mV	17.7 mV	13.1 mV	Pass
50% Load	16.4 mV	14.7 mV	16.6 mV	14.7 mV	Pass
60% Load	16.5 mV	14.1 mV	17.2 mV	14.0 mV	Pass
70% Load	17.7 mV	14.2 mV	17.9 mV	16.2 mV	Pass
80% Load	19.4 mV	15.1 mV	18.9 mV	14.6 mV	Pass
90% Load	21.3 mV	15.2 mV	19.0 mV	15.8 mV	Pass
100% Load	24.6 mV	17.4 mV	20.8 mV	17.7 mV	Pass
110% Load	25.9 mV	16.0 mV	21.0 mV	18.5 mV	Pass
Crossload 1	27.3 mV	16.2 mV	24.0 mV	13.4 mV	Pass
Crossload 2	21.3 mV	23.5 mV	25.0 mV	12.5 mV	Pass
Crossload 3	18.5 mV	14.3 mV	23.3 mV	13.7 mV	Pass
Crossload 4	22.5 mV	15.1 mV	18.6 mV	14.4 mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	16.9 mV	14.4 mV	17.0 mV	12.9 mV	Pass
20% Load	15.9 mV	14.9 mV	17.4 mV	13.4 mV	Pass
30% Load	15.6 mV	16.0 mV	17.7 mV	14.2 mV	Pass
40% Load	15.3 mV	15.1 mV	17.9 mV	14.1 mV	Pass
50% Load	15.6 mV	14.7 mV	18.2 mV	14.0 mV	Pass
60% Load	16.3 mV	15.1 mV	17.4 mV	14.2 mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
70% Load	17.9 mV	14.8 mV	17.8 mV	14.7 mV	Pass
80% Load	21.5 mV	14.9 mV	18.8 mV	15.9 mV	Pass
90% Load	21.4 mV	16.1 mV	18.6 mV	15.6 mV	Pass
100% Load	26.0 mV	16.6 mV	21.3 mV	17.2 mV	Pass
110% Load	26.9 mV	16.9 mV	22.3 mV	16.9 mV	Pass
Crossload 1	29.1 mV	17.6 mV	23.4 mV	13.8 mV	Pass
Crossload 2	74.0 mV	23.5 mV	19.9 mV	13.3 mV	Pass
Crossload 3	18.8 mV	15.3 mV	23.3 mV	13.0 mV	Pass
Crossload 4	23.3 mV	16.0 mV	18.9 mV	15.4 mV	Pass

The results above are not used in the certification process

ASUS ROG-STRIX-1200P-GAMING



Top side



Power specifications label

Cybenetics ETA LAMBDA SAFE DELTA PHI