Seasonic Focus GX-750 (ATX v3.1)

Lab ID SS75002579

Certification ID 252579

Test Result Report ID: 24PS2579A

Certificate Issue Date: Sep 24, 2024

Scheme: ETA-EMI PSU

115V



230V



Scheme: LAMBDA PSU

115V



230V





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	Seasonic
Model	Focus GX-750 (ATX v3.1)
OEM/ODM	Seasonic
Serial Number	
Product Specifications	
Manufacturer-Provided Information	
□□□□ (Vrms)	100-240
□□□□ (Arms)	10-5
□□□□ (Hz)	50-60

□□□□ (W)	750
Operating Temperature (Continuous Full Load) (°C)	
□□	ATX12V
□□□□	Fully Modular
Warranty	-
Cybenetics Measurements	
Dimensions (W x H x D)	
Weight	
□□	135mm Fluid Dynamic Bearing Fan (HA13525H12F-Z)
□□□□□	✓ (selectable)
Cybenetics Testing Information	
Lab ID	SS75002579
Date of receipt	Sep 4, 2024
Testing Date	Sep 24, 2024
Report Issued Date	Sep 24, 2024
□□□□□	The DUT didn't have properly set OCP at 5VSB. The second sample, broke during +12V OCP at 137% load.
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	16-18AWG	□
4+4 pin EPS 12V □□ (750mm)	2	2	16AWG	□
6+2pin PCIe□□ (750mm)	2	2	16-18AWG	□
12+4 pin PCIe (700mm) (600W)	1	1	16-24AWG	□
SATA□□ (500mm+150mm+150mm+150mm)	2	8	18AWG	□
4-pin Molex (450mm+120mm+120mm)	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
□□□□	□□	20	20	62	3	0.3
	□	100		744	15	3.6
□□□□□ (W)		750				

Parts Description

General Data	
Manufacturer (OEM)	Seasonic
PCB Type	Double-Sided
Primary Side	
Transient Filter	4x Y caps, 2x X caps, 2x CM chokes, 1x MOV
Inrush Protection	1x NTC Thermistor MF72 5D-20L (5 ohm) & Relay
Bridge Rectifier(s)	2x GBU1508 (800V, 15A @ 40°C)
APFC MOSFETs	2x Alpha & Omega AOB190A60CL (600V, 12A @ 100°C, Rds(on): 0.19Ohm)
APFC Boost Diode	1x Infineon IDK08G65C5 (650V, 8A @ 145°C)
Bulk Cap(s)	1x Nichicon (400V, 560uF, 2,000h @ 105°C, GG(M))

Main Switchers	4x Great Power GPT130N50X (500V, 4.5A @ 25°C, Rds(on): 1.55Ohm)
Resonant Controller	Champion CU6901VPA
APFC Controller	Champion CM6500UNX
Topology	Primary side: APFC, Full-Bridge & LLC converter Secondary side: Synchronous Rectification & DC-DC converters
Secondary Side	
+12V MOSFETs	4x Nexperia PSMN1R4-40YLD (40V, 214A @ 100°C, Rds(on): 1.4mOhm)
5V & 3.3V	DC-DC Converters: 6x Nexperia PSMN4R0_30YLD (30V, 95A @ 100°C, Rds(on): 4mOhm) PWM Controller(s): Anpec APW7159C
Filtering Capacitors	Electrolytic: 3x Nichicon (2-5,000h @ 105°C, HD), 1x Nippon Chemi-Con (1-5,000h @ 105°C, KZE), 5x Rubycon (3-6,000h @ 105°C, YXG) 2x Rubycon (6-10,000h @ 105°C, ZLH) Polymer: 7x Nippon Chemi-Con, 16x FPCAP
Supervisor IC	Weltrend WT7527RA (OVP, UVP, OCP, SCP, PG)
Fan Controller	Nuvoton M031FB0AE
Fan Model	Hong Hua HA13525H12F-Z (135mm, 12V, 0.50A, Fluid Dynamic Bearing Fan)
5VSB	
Rectifier	DK DK5V45R10S (45v, 10mOhm)
Standby PWM Controller	Excelliance MOS EM8569C

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)	88.732%
Average Noise Output (>1450 Load Combinations)	27.81dBA
PF□□□ (>1450 Load Combinations)	0.971
Efficiency With 10W (≤500W) or 2% (>500W) Load	71.463%
□□□□□□	0.0639W
Non-Accredited	
12V Ripple (Full Load)	28.22mV
5V Ripple (Full Load)	18.76mV
3.3V Ripple (Full Load)	18.00mV
5VSB Ripple (Full Load)	16.17mV
12V Load Regulation	0.87%
5V Load Regulation	0.44%
3.3V Load Regulation	0.88%
5VSB Load Regulation	4.07%
Inrush Current	34.240A

230V

Accredited	
□□□□ (>1450 load combinations)	90.991%
Average Noise Output (>1450 Load Combinations)	28.81dBA
PF□□□ (>1450 Load Combinations)	0.934
Efficiency With 10W (≤500W) or 2% (>500W) Load	-
□□□□□□	0.1620W
Non-Accredited	
12V Ripple (Full Load)	29.95mV
5V Ripple (Full Load)	19.00mV
3.3V Ripple (Full Load)	18.42mV

5VSB Ripple (Full Load)		16.01mV
12V Load Regulation		0.87%
5V Load Regulation		0.44%
3.3V Load Regulation		0.88%
5VSB Load Regulation		4.07%
Inrush Current		63.840A
12V Transient Response (200%)		11.42V
5V Transient Response (200%)		4.924V
3.3V Transient Response (200%)		3.220V
5VSB Transient Response (200%)		4.886V
□□□□ & PG□□		20.10ms
AC Loss to PWR_OK Hold Up Time		15.60ms
PWR_OK Inactive to DC Loss Delay		4.50ms
PSU Timings: T1 (20% / 100%)	74.0ms	74.0ms
PSU Timings: T3 (20% / 100%)	125.0ms	127.0ms
12V OCP (26.1°C / °C)	6.6A (220.00%), 4.774V	
5V OCP (26.1°C / °C)		
3.3V OCP (26.1°C / °C)		
5VSB OCP (26.1°C / °C)		
OPP (28.55°C / 0.00°C)	137.28%	-

□□□□ & PG□□

Hold-Up Time (ms)	20.1
AC Loss to PWR_OK Hold Up Time (ms)	15.6
PWR_OK Inactive to DC Loss Delay (ms)	4.5

Tables

115V

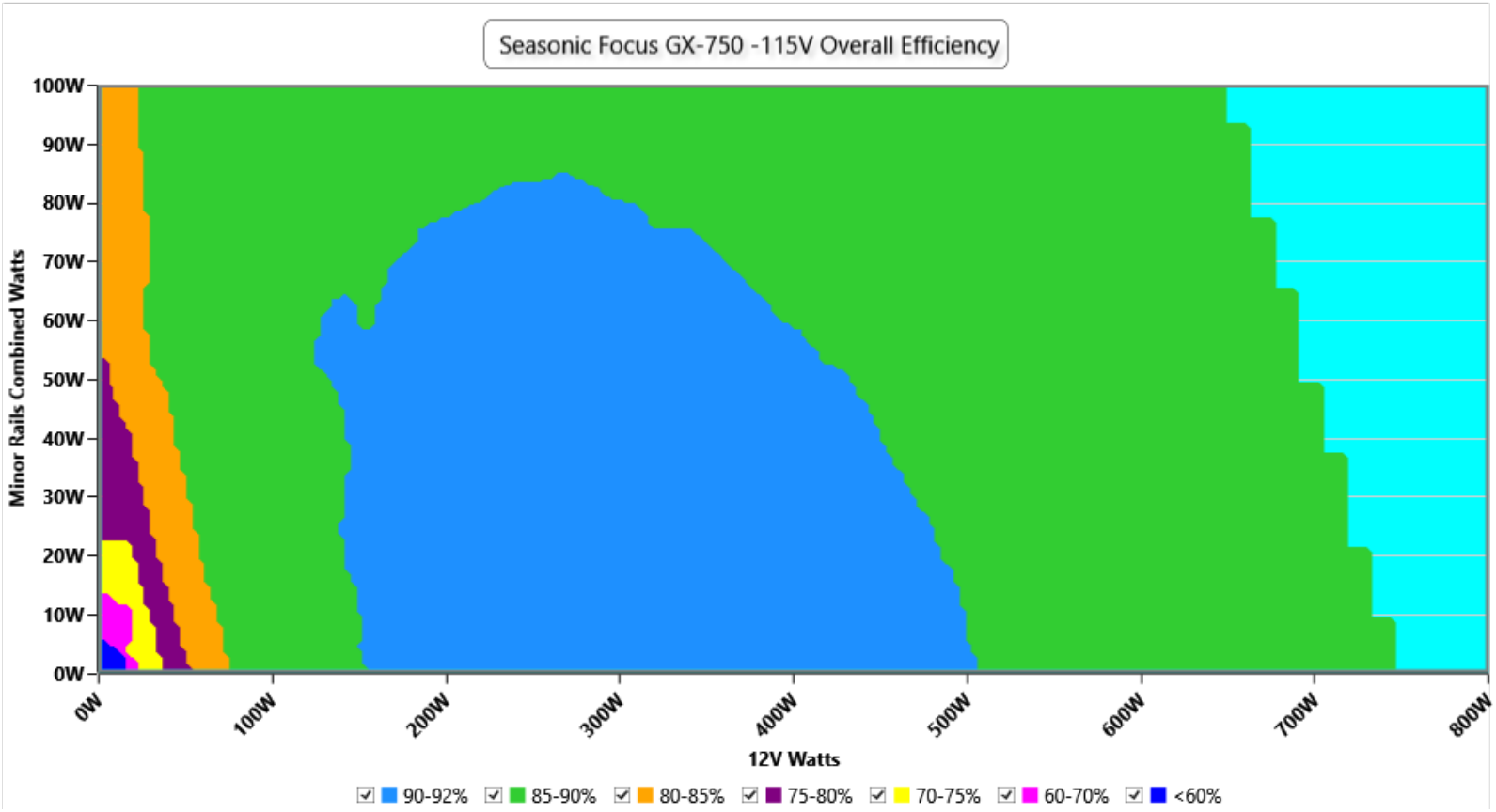
Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.09 V	115.05 V	113.85 V	115.13 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.99 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.416	1.415	1.340	1.418	1.490	PASS
Mains Voltage THD:	0.13 %	0.08 %	N/A	0.19 %	2.00 %	PASS
Real Power:	0.064 W	0.007 W	N/A	0.098 W	N/A	N/A
Apparent Power:	11.754 W	11.012 W	N/A	12.483 W	N/A	N/A
Power Factor:	0.007	N/A	N/A	N/A	N/A	N/A

230V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	231.03 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:	0.162 W	0.117 W	N/A	0.217 W	N/A	N/A
Apparent Power:	36.375 W	35.479 W	N/A	37.278 W	N/A	N/A
Power Factor:	0.004	N/A	N/A	N/A	N/A	N/A

□□□□□□

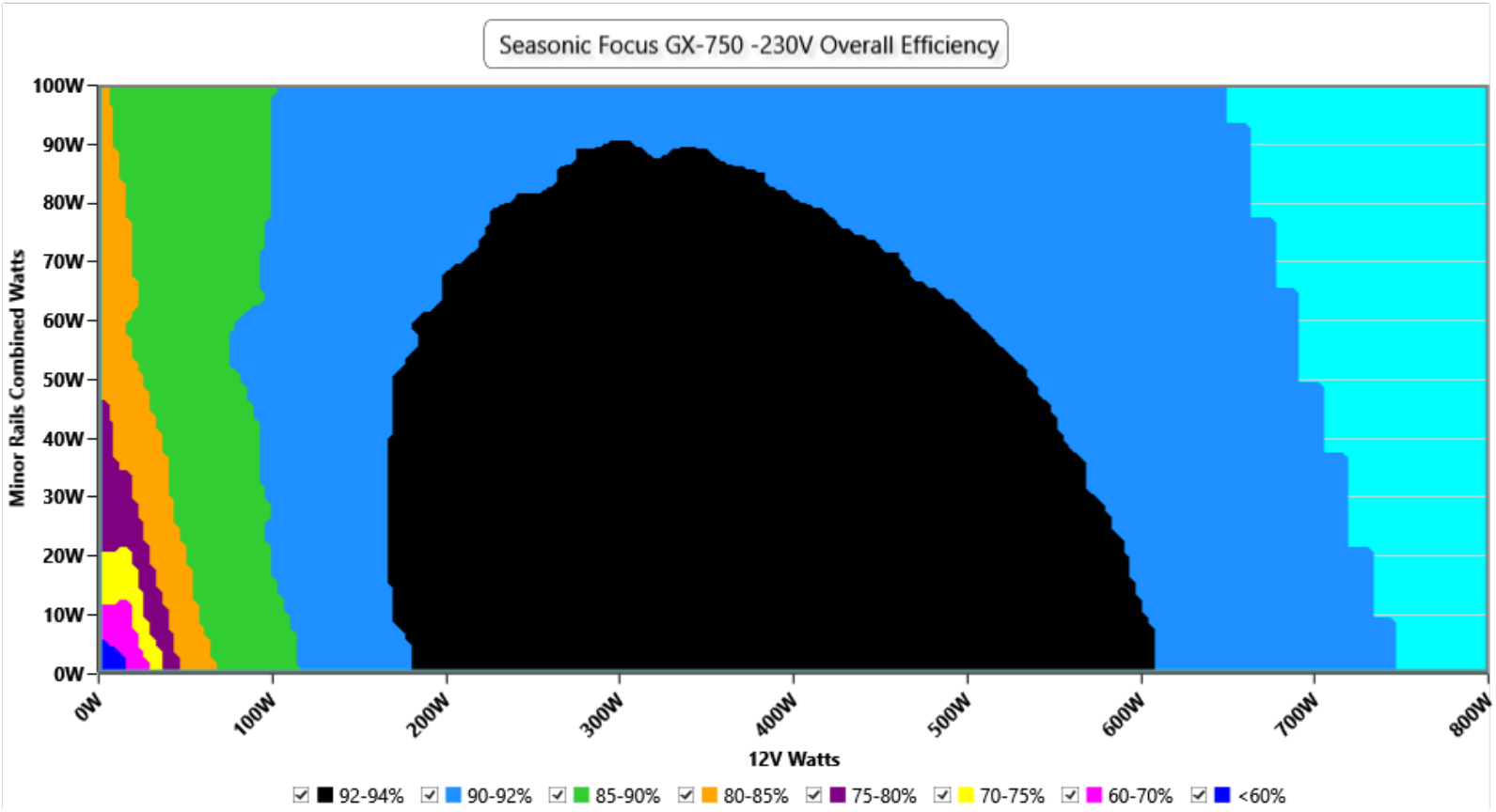
115V



□□

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

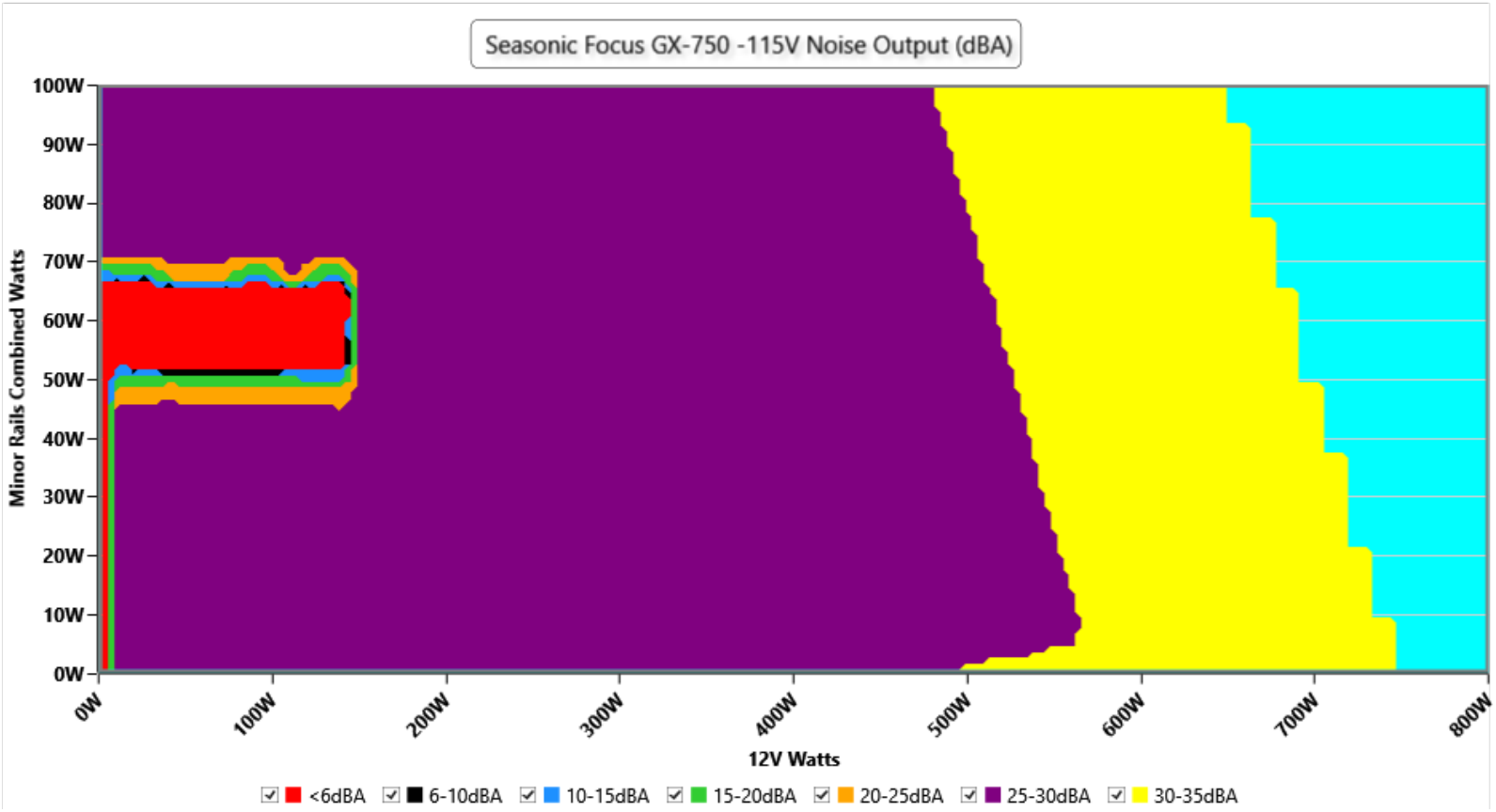
230V



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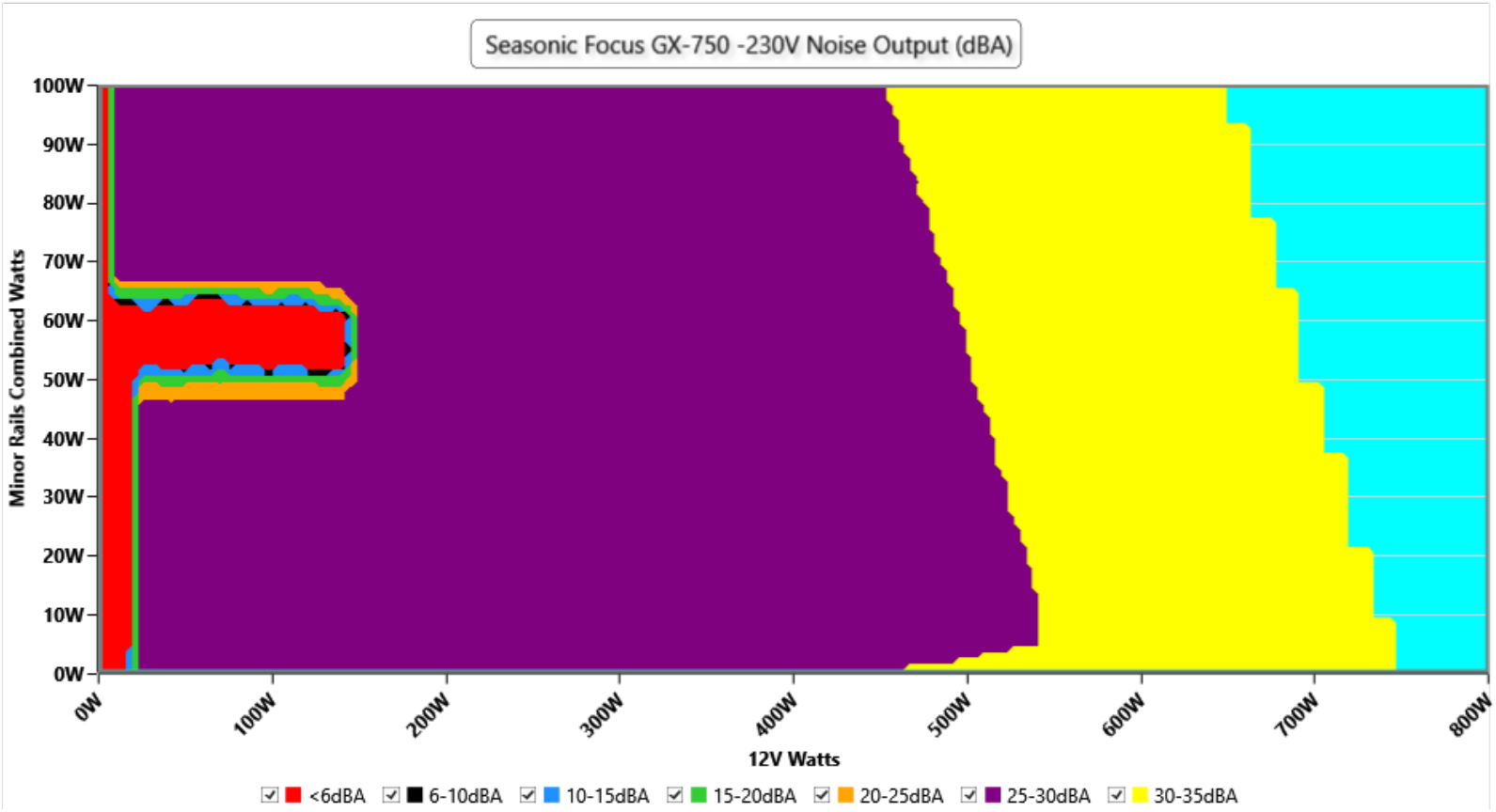
115V



□□

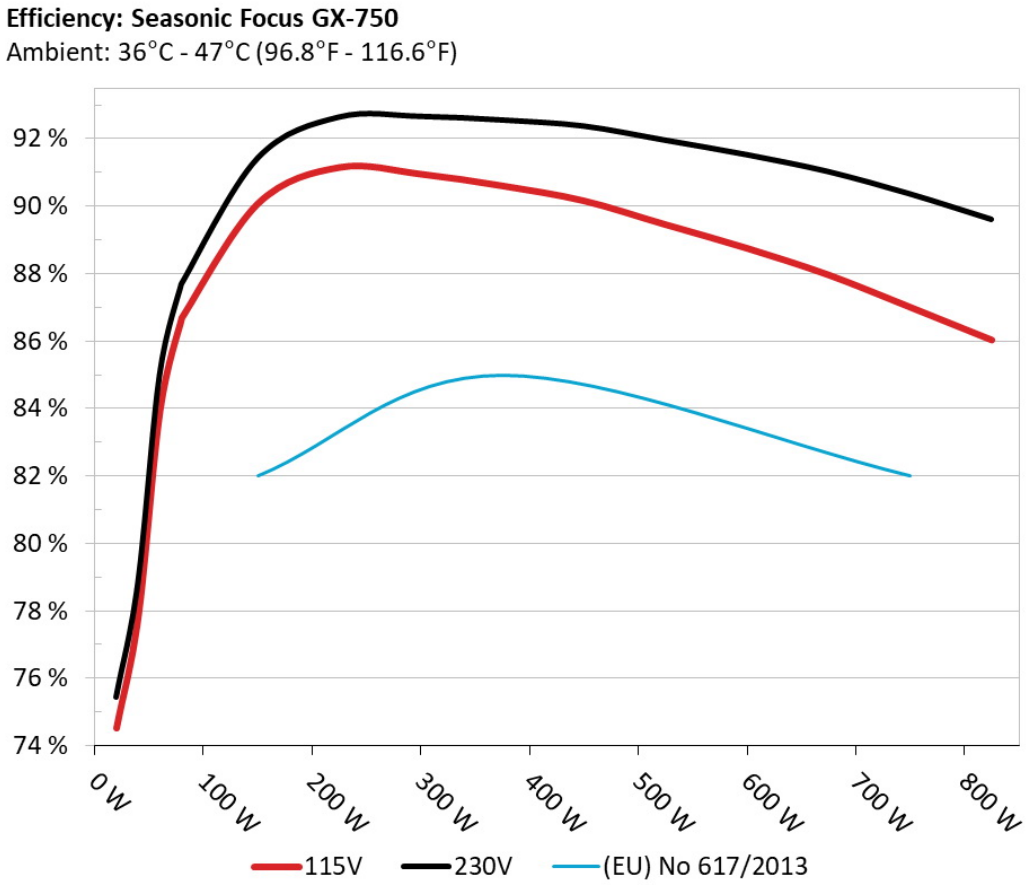
The PSU`s noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails

230V



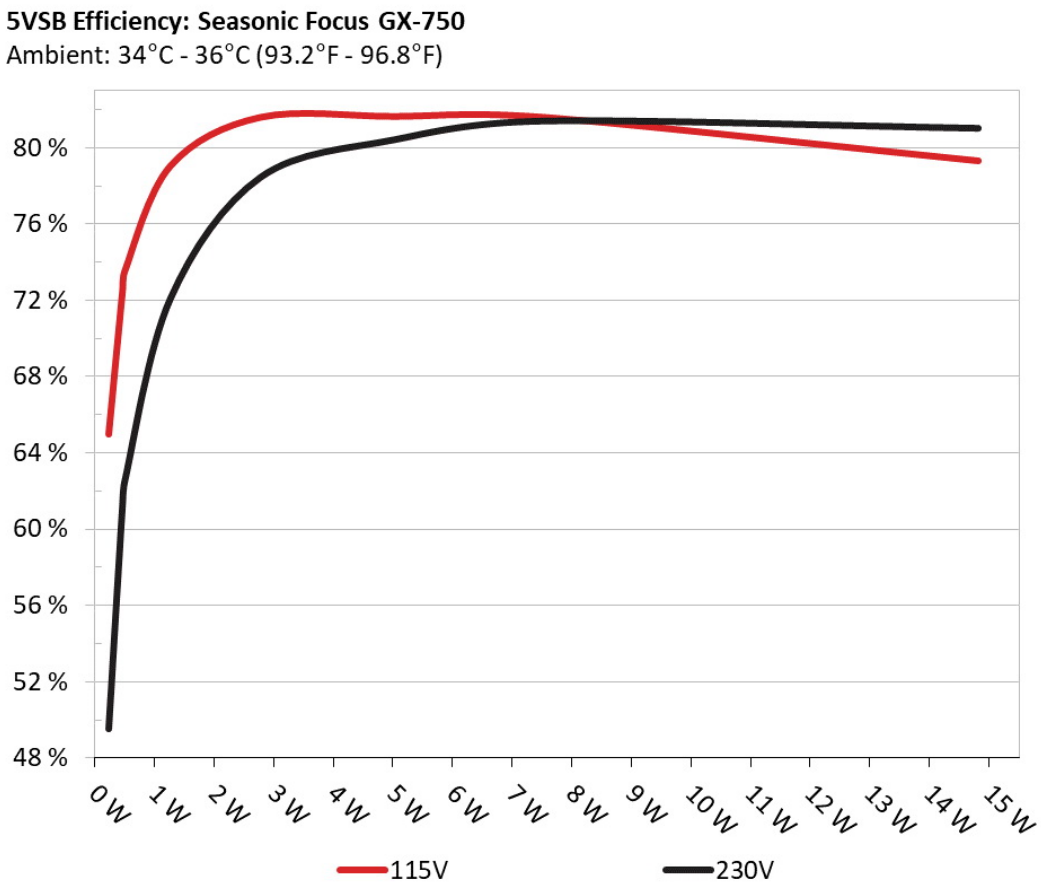
The PSU`s noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails

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**	0.228W	64.995%	0.034
	5.071V	0.351W		114.86V
2	**0.09A**	0.456W	72.4%	0.06
	5.069V	0.63W		114.88V
3	**0.55A**	2.777W	81.61%	0.257
	5.049V	3.403W		114.87V
4	**1A**	5.029W	81.656%	0.359
	5.029V	6.159W		114.86V
5	**1.5A**	7.511W	81.614%	0.411
	5.007V	9.203W		114.86V
6	**3A**	14.822W	79.33%	0.488
	4.941V	18.684W		114.86V

230V

□□ #	5VSB	DC/AC (□)	□□	PF/AC □□
1	**0.045A**	0.228W	49.553%	0.013
	5.071V	0.461W		229.94V
2	**0.09A**	0.456W	61.112%	0.021
	5.069V	0.747W		229.94V
3	**0.55A**	2.777W	78.441%	0.097
	5.047V	3.54W		229.94V
4	**1A**	5.029W	80.409%	0.161
	5.028V	6.254W		229.93V
5	**1.5A**	7.511W	81.381%	0.214
	5.007V	9.23W		229.94V
6	**3A**	14.822W	81.004%	0.323
	4.94V	18.297W		229.94V

Protection Features

OCP (Cold @ 26.1°C)	5VSB: 6.6A (220.00%), 4.774V
OCP (Hot @ -°C)	-
OPP (Normal @ 28.6°C)	1029.62W (137.28%)
OPP (Hot @ -°C)	-
OTP	-
SCP	-
PWR_OK	Proper Operation
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%	**4.410A**	**1.993A**	**1.981A**	**0.996A**	75.006	85.564%	0	<6.0	44.24°C	0.931
	12.108V	5.018V	3.331V	5.02V	87.66				40.14°C	114.85V
20%	**9.851A**	**2.991A**	**2.975A**	**1.199A**	149.954	90.064%	0	<6.0	42.5°C	0.955
	12.086V	5.016V	3.328V	5.004V	166.498				40.76°C	114.83V
30%	**15.635A**	**3.49A**	**3.473A**	**1.403A**	224.953	91.134%	0	<6.0	53.51°C	0.968
	12.081V	5.015V	3.326V	4.988V	246.839				41.15°C	114.8V
40%	**21.425A**	**3.991A**	**3.974A**	**1.609A**	300.03	90.934%	947	27.1	41.6°C	0.974
	12.080V	5.012V	3.322V	4.973V	329.945				50.55°C	114.77V
50%	**26.813A**	**4.991A**	**4.971A**	**1.816A**	374.426	90.588%	941	26.9	42.22°C	0.975
	12.080V	5.009V	3.319V	4.957V	413.328				51.59°C	114.74V

60%	**32.242A**	**5.992A**	**5.971A**	**2A**	449.223	90.148%	934	26.7	42.97°C	0.979
	12.081V	5.007V	3.316V	4.942V	498.314				53.11°C	114.72V
70%	**37.668A**	**6.994A**	**6.972A**	**2.234A**	524.258	89.443%	985	28.7	43.26°C	0.982
	12.083V	5.005V	3.314V	4.924V	586.134				55.4°C	114.69V
80%	**43.159A**	**7.994A**	**7.974A**	**2.341A**	599.445	88.741%	1061	30.9	43.87°C	0.984
	12.084V	5.003V	3.311V	4.911V	675.502				57.6°C	114.66V
90%	**48.981A**	**8.497A**	**8.464A**	**2.449A**	674.489	87.951%	1136	32.8	44.12°C	0.987
	12.086V	5.001V	3.308V	4.899V	766.897				59.83°C	114.63V
100%	**54.600A**	**9.001A**	**8.985A**	**3.085A**	749.699	86.994%	1454	40	45.04°C	0.989
	12.088V	4.999V	3.305V	4.863V	861.781				61.7°C	114.6V
110%	**60.092A**	**10.005A**	**10.083A**	**3.089A**	824.718	86.022%	1831	51.3	46.09°C	0.99
	12.089V	4.997V	3.302V	4.855V	958.734				62.13°C	114.57V
CL1	**0.114A**	**12.015A**	**11.939A**	**0A**	101.288	83.747%	958	27.5	40.28°C	0.947
	12.112V	5.01V	3.325V	5.052V	120.946				53.46°C	114.83V
CL2	**0.114A**	**19.962A**	**0A**	**0A**	101.366	82.621%	954	27.4	40.41°C	0.945
	12.112V	5.008V	3.334V	5.058V	122.688				49.98°C	114.84V
CL3	**0.114A**	**0A**	**19.866A**	**0A**	67.379	76.744%	958	27.5	40.66°C	0.93
	12.106V	5.02V	3.322V	5.054V	87.797				48.58°C	114.85V
CL4	**62.017A**	**0A**	**0A**	**0A**	749.526	87.847%	1314	37	45.3°C	0.988
	12.086V	5.009V	3.313V	5.013V	853.225				59.04°C	114.61V

The results above are not used in the certification process

230V

□□	**12V**	**5V**	**3.3V**	**5VSB**	**DC/AC (□)**	□□	□□□□ **(RPM)**	□□□□□□□ **(dB[A])**	□□ **(□□ /□□)**	**PF/AC □□**
10%	**4.410A**	**1.992A**	**1.981A**	**0.996A**	74.999	86.561%	0	<6.0	49.76°C	0.811
	12.109V	5.019V	3.332V	5.02V	86.643				40.32°C	229.93V
20%	**9.848A**	**2.99A**	**2.974A**	**1.199A**	149.929	91.425%	0	<6.0	50.66°C	0.895
	12.087V	5.017V	3.329V	5.004V	163.993				40.55°C	229.91V
30%	**15.633A**	**3.49A**	**3.473A**	**1.403A**	224.927	92.65%	0	<6.0	49.88°C	0.927
	12.082V	5.015V	3.326V	4.989V	242.772				41.31°C	229.9V

40%	**21.423A**	**3.991A**	**3.973A**	**1.609A**	300.01	92.67%	945	27	41.8°C	0.944
	12.081V	5.012V	3.323V	4.973V	323.737				48.87°C	229.89V
50%	**26.810A**	**4.991A**	**4.971A**	**1.816A**	374.389	92.563%	940	26.9	42.41°C	0.953
	12.081V	5.01V	3.319V	4.957V	404.47				50.22°C	229.87V
60%	**32.239A**	**5.992A**	**5.971A**	**2A**	449.195	92.385%	933	26.7	42.95°C	0.96
	12.082V	5.007V	3.316V	4.941V	486.217				51.59°C	229.86V
70%	**37.666A**	**6.994A**	**6.972A**	**2.234A**	524.229	91.966%	984	28.7	43.38°C	0.966
	12.083V	5.005V	3.314V	4.924V	570.027				53.59°C	229.85V
80%	**43.157A**	**7.994A**	**7.973A**	**2.341A**	599.421	91.535%	1066	31	43.86°C	0.969
	12.085V	5.003V	3.311V	4.911V	654.855				55.64°C	229.84V
90%	**48.977A**	**8.497A**	**8.463A**	**2.449A**	674.473	91.033%	1139	32.9	44.75°C	0.973
	12.087V	5.001V	3.308V	4.899V	740.915				57.96°C	229.83V
100%	**54.599A**	**9.001A**	**8.985A**	**3.085A**	749.686	90.373%	1457	40	45.67°C	0.975
	12.088V	4.999V	3.305V	4.862V	829.545				59.59°C	229.82V
110%	**60.092A**	**10.005A**	**10.083A**	**3.09A**	824.707	89.616%	1880	51.2	46.29°C	0.978
	12.088V	4.997V	3.302V	4.855V	920.267				59.97°C	229.8V
CL1	**0.114A**	**12.015A**	**11.939A**	**0A**	101.285	84.763%	956	27.4	41.46°C	0.862
	12.112V	5.01V	3.325V	5.052V	119.494				52.3°C	229.93V
CL2	**0.114A**	**19.962A**	**0A**	**0A**	101.362	83.641%	954	27.4	40.71°C	0.863
	12.113V	5.009V	3.334V	5.057V	121.184				49.72°C	229.92V
CL3	**0.114A**	**0A**	**19.864A**	**0A**	67.377	77.667%	958	27.5	41.42°C	0.812
	12.107V	5.02V	3.322V	5.054V	86.749				48.2°C	229.93V
CL4	**62.018A**	**0A**	**0A**	**0A**	749.495	91.162%	1255	35.7	46.61°C	0.974
	12.085V	5.009V	3.313V	5.014V	822.165				56.65°C	229.82V

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	**1.236A**	**0.498A**	**0.495A**	**0.198A**	19.993	74.53%	0	<6.0	44.12°C	0.843
	12.003V	5.021V	3.334V	5.061V	26.825				36.8°C	114.87V
40W	**2.700A**	**0.697A**	**0.693A**	**0.297A**	39.994	77.856%	0	<6.0	45.52°C	0.9
	12.107V	5.021V	3.333V	5.055V	51.372				37.55°C	114.86V
60W	**4.174A**	**0.896A**	**0.891A**	**0.396A**	59.994	83.955%	0	<6.0	45.53°C	0.921
	12.106V	5.02V	3.333V	5.049V	71.459				38.14°C	114.85V
80W	**5.642A**	**1.096A**	**1.089A**	**0.496A**	79.94	86.676%	0	<6.0	41.42°C	0.933
	12.107V	5.02V	3.332V	5.043V	92.231				39.15°C	114.85V

The results above are not used in the certification process

230V

□□	12V	5V	3.3V	5VSB	DC/AC (□)	□□	□□□□ (RPM)	□□□□□□□□ (dB[A])	□□ (□□ /□□)	PF/AC □□
20W	**1.236A**	**0.498A**	**0.495A**	**0.198A**	19.995	75.444%	0	<6.0	46.94°C	0.51
	12.004V	5.021V	3.334V	5.06V	26.502				36.96°C	229.95V
40W	**2.700A**	**0.697A**	**0.693A**	**0.297A**	39.995	78.832%	0	<6.0	46.42°C	0.698
	12.107V	5.021V	3.333V	5.054V	50.733				37.24°C	229.94V
60W	**4.174A**	**0.896A**	**0.891A**	**0.396A**	59.996	85.02%	0	<6.0	45.99°C	0.773
	12.106V	5.02V	3.333V	5.049V	70.567				38.46°C	229.93V
80W	**5.642A**	**1.096A**	**1.089A**	**0.496A**	79.937	87.697%	0	<6.0	48.73°C	0.819
	12.108V	5.02V	3.332V	5.043V	91.149				39.47°C	229.93V

The results above are not used in the certification process

□□□

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	13.0 mV	12.4 mV	12.8 mV	11.2 mV	Pass
20% Load	31.3 mV	12.1 mV	13.9 mV	10.3 mV	Pass
30% Load	19.1 mV	13.2 mV	14.0 mV	12.8 mV	Pass
40% Load	16.1 mV	13.1 mV	14.1 mV	12.0 mV	Pass
50% Load	16.7 mV	13.7 mV	14.4 mV	12.6 mV	Pass
60% Load	17.9 mV	14.0 mV	13.6 mV	13.4 mV	Pass
70% Load	17.6 mV	14.8 mV	14.4 mV	13.2 mV	Pass
80% Load	18.4 mV	16.2 mV	15.1 mV	14.0 mV	Pass
90% Load	18.9 mV	16.6 mV	15.3 mV	14.6 mV	Pass
100% Load	28.2 mV	18.8 mV	18.0 mV	16.2 mV	Pass
110% Load	29.4 mV	19.5 mV	18.3 mV	16.6 mV	Pass
Crossload 1	22.7 mV	20.0 mV	17.6 mV	12.9 mV	Pass
Crossload 2	16.3 mV	18.8 mV	18.5 mV	13.1 mV	Pass
Crossload 3	12.8 mV	13.9 mV	17.4 mV	12.9 mV	Pass
Crossload 4	27.7 mV	16.1 mV	16.0 mV	15.8 mV	Pass

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	13.2 mV	12.9 mV	13.0 mV	11.6 mV	Pass
20% Load	37.2 mV	13.1 mV	13.3 mV	11.1 mV	Pass
30% Load	21.1 mV	13.4 mV	13.5 mV	11.8 mV	Pass
40% Load	17.4 mV	14.5 mV	14.5 mV	12.5 mV	Pass
50% Load	16.1 mV	14.1 mV	14.0 mV	12.6 mV	Pass
60% Load	17.1 mV	14.4 mV	14.7 mV	13.1 mV	Pass

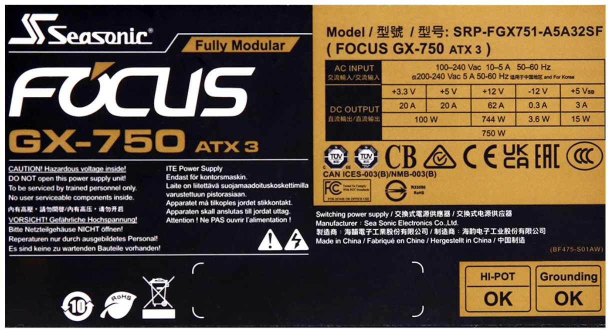
Test	12V	5V	3.3V	5VSB	Pass/Fail
70% Load	17.8 mV	15.6 mV	15.1 mV	14.9 mV	Pass
80% Load	19.0 mV	16.8 mV	16.6 mV	13.6 mV	Pass
90% Load	19.5 mV	17.4 mV	16.2 mV	14.1 mV	Pass
100% Load	30.0 mV	19.0 mV	18.4 mV	16.0 mV	Pass
110% Load	30.7 mV	21.0 mV	18.8 mV	16.9 mV	Pass
Crossload 1	17.8 mV	15.6 mV	18.1 mV	13.8 mV	Pass
Crossload 2	23.0 mV	20.6 mV	18.2 mV	13.2 mV	Pass
Crossload 3	13.7 mV	14.7 mV	17.3 mV	13.0 mV	Pass
Crossload 4	30.7 mV	16.6 mV	16.2 mV	15.7 mV	Pass

The results above are not used in the certification process

Seasonic Focus GX-750 (ATX v3.1)



Top side



Power specifications label

Cybenetics Cybenetics ETA LAMBDA SAFE DELTA PHI