MSI MPG Ai1300TS PCIE5

Serial Number -

Lab ID MS13003119

Certification ID 263118

Test Result Report ID: 26PS3118A

Certificate Issue Date: Feb 17, 2026

Scheme: ETA-EMI PSU

115V

230V

115V

230V

Scheme: LAMBDA PSU

Outside Validation Scope

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	MSI
Model	MPG Ai1300TS PCIE5
OEM/ODM	CWT
Serial Number	-
Product Specifications	
Manufacturer-Provided Information	
Rated Voltage (Vrms)	100-240
Rated Current (Arms)	10-15

Rated Frequency (Hz)	50-60
Rated Power (W)	1300
Operating Temperature (Continuous Full Load) (°C)	0 - 40
Type	ATX12V
Cable Design	Fully Modular
Warranty	12 years
Cybenetics Measurements	
Dimensions (W x H x D)	150 x 85 x 190mm
Weight	2.30 kg (5.07 lb)
Cooling	135mm Hydro Dynamic Bearing Fan (PLA13525S12H)
Semi-Passive Operation	✓ (selectable)
Cybenetics Testing Information	
Lab ID	MS13003119
Date of receipt	Jan 8, 2026
Testing Date	Feb 16, 2026
Report Issued Date	Feb 17, 2026
Engineer Name	Georgios Theodoros Sarimpalas
Authorized By the Laboratory Technical Manager	Aristeidis Bitziopoulos
Signature	

Cables and Connectors(Non-accredited measurements)

Modular Cables				
Description	**Cable Count**	**Connector Count (Total)**	**Gauge**	**Cable Type**
ATX connector 20+4 pin (600mm)	1	1	18-22AWG	Tinned Copper
4+4 pin EPS12V (650mm)	1	1	18AWG	Tinned Copper
8 pin EPS12V (650mm)	1	1	18AWG	Tinned Copper
6+2 pin PCIe (600mm+150mm)	1	2	18AWG	Tinned Copper
6+2 pin PCIe (600mm)	5	5	18AWG	Tinned Copper
12+4 pin PCIe (600mm) (600W)	2	2	16-24AWG	Tinned Copper
SATA (500mm+150mm+150mm+150mm)	2	8	18AWG	Tinned Copper
4-pin Molex (500mm+150mm+150mm+150mm)	1	4	18AWG	Tinned Copper

Modular Cables				
USB 2.0 9-pin Header(610mm)	1	1	24-28AWG	-
AC Power Cord (1390mm) - C19 coupler	1	1	14AWG	-

Protection Features(Manufacturer)

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

Power Specifications

Rail		3.3V	5V	12V	5VSB	-12V
Max. Power	Amps	22	22	108.33	3	0
	Watts	120		1299.96	15	0
Total Max. Power (W)		1300				

Parts Description

General Data	
Manufacturer (OEM)	CWT
PCB Type	Double-Sided
Primary Side	
Transient Filter	5x Y caps, 2x X caps, 2x CM chokes, 1x MOV
Inrush Protection	NTC Thermistor SCK-25150 (15 Ohm @ 25°C) & Relay
Bridge Rectifier	2x WeEn WNB2560M (600V, 25A @ 127°C)
APFC MOSFETs	2x Toshiba TK040N60Z1 (650V, 52A @ 25°C, Rds(on): 0.040 Ohm) 2x Toshiba TW015N65C (650V, 100A @ 25°C, Rds(on): 0.016 Ohm) 1x Sync Power SPN5003 (reducing no load consumption)
APFC Boost Diode	2x Vishay VS-3C10ET07T-M3 (650V, 10A @ 147°C)

Bulk Cap(s)	2x Rubycon (420V, 560uF, 2000h @ 105°C, MXE) 1x Nippon Chemi-con (420V, 390uF, 2000h @ 105°C, KHE)
Main Switchers	4x Alpha & Omega AOTF29S50 (600V, 18A @ 100°C, Rds(on): 0.15 Ohm)
Digital Controller	2x Texas Instruments UCD3138A
IC Driver	2x Novosense NSi6602B-DSWR
Topology	Primary side: Semi-Digital, Interleaved PFC, Full-Bridge & LLC Resonant converter Secondary side: Synchronous Rectification & DC-DC converters
Secondary Side	
+12V MOSFETs	12x Infineon BSC014N06NS (60V, 182A @ 100°C, Rds(on): 1.45 mOhm)
5V & 3.3V	DC-DC Converters: 4x UBIQ Semi QN3107M6N (30V, 70A @ 100°C, Rds(on): 2.6 mOhm) PWM Controller(s): UPI-Semi uP3861P
Filtering Capacitors	Electrolytic: 5x Nippon Chemi-Con (@ 105°C, W) 3x Rubycon (4-10,000h @ 105°C, YXJ) 3x Rubycon (6-10,000h @ 105°C, ZLH) Polymer: 36x Nippon Chemi-con, 13x Nichicon FPCAP
Supervisor IC	IN1S3151-SAG
Fan Controller / Micro Controller	Nuvoton M252SD2AE
Fan Model	Power Logic PLA13525S12H (135mm, 12V, 0.56A, Fluid Dynamic Bearing Fan)
5VSB Circuit	
Rectifier	1x Leadtrend LD8926AA1 Synchronous Rectification IC
Standby PWM Controller	On-Bright OB2365T

Test Results

Temperature & Compliance Info

Temperature Range (°C /°F)	28-32 / 82.4-89.6
ErP Lot 3/6 Ready	✓
(EU) No 617/2013 Compliance	✓
ALPM (Alternative Low Power Mode) compatible	✓
ATX v3.1 PSU Power Excursion	✓

Performance Summary

115V

Accredited	
Average Efficiency (>1450 load combinations)	91.604%
Average Noise Output (>1450 Load Combinations)	19.61dBA
Average PF (>1450 Load Combinations)	0.991
Efficiency With 10W (≤500W) or 2% (>500W) Load	73.775%
Standby Power Consumption	0.0254W
Non-Accredited	
12V Ripple (Full Load)	37.45mV
5V Ripple (Full Load)	17.93mV
3.3V Ripple (Full Load)	18.69mV
5VSB Ripple (Full Load)	16.67mV
12V Load Regulation	0.54%
5V Load Regulation	0.41%
3.3V Load Regulation	1.28%
5VSB Load Regulation	1.05%
Inrush Current	11.400A

230V

Accredited	
Average Efficiency (>1450 load combinations)	92.763%
Average Noise Output (>1450 Load Combinations)	19.61dBA
Average PF (>1450 Load Combinations)	0.936
Efficiency With 10W (≤500W) or 2% (>500W) Load	74.153%
Standby Power Consumption	0.1102W
Non-Accredited	
12V Ripple (Full Load)	37.85mV
5V Ripple (Full Load)	18.43mV
3.3V Ripple (Full Load)	17.78mV

5VSB Ripple (Full Load)		15.88mV
12V Load Regulation		0.59%
5V Load Regulation		0.41%
3.3V Load Regulation		1.16%
5VSB Load Regulation		1.09%
Inrush Current		23.710A
12V Transient Response (200%)		11.43V
5V Transient Response (200%)		5.007V
3.3V Transient Response (200%)		3.257V
5VSB Transient Response (200%)		4.880V
Hold-Up Time & PWR_OK Signal		22.20ms
AC Loss to PWR_OK Hold Up Time		18.40ms
PWR_OK Inactive to DC Loss Delay		3.80ms
PSU Timings: T1 (20% / 100%)	89.0ms	68.0ms
PSU Timings: T3 (20% / 100%)	126.0ms	127.0ms
12V OCP (29.1°C / 43.9°C)	129.00A (119.08%), 11.983V	128.00A (118.16%), 11.986V
5V OCP (29.1°C / 43.9°C)	27.7A (125.91%), 5.092V	27.8A (126.36%), 5.085V
3.3V OCP (29.1°C / 43.9°C)	27.7A (125.91%), 3.291V	27.7A (125.91%), 3.284V
5VSB OCP (29.1°C / 43.9°C)	4.7A (156.67%), 5.019V	4.7A (156.67%), 5.012V
OPP (28.65°C / 45.15°C)	120.55%	118.70%

Hold-Up Time & PWR_OK Signal

Hold-Up Time (ms)	22.2
AC Loss to PWR_OK Hold Up Time (ms)	18.4
PWR_OK Inactive to DC Loss Delay (ms)	3.8

Tables

115V

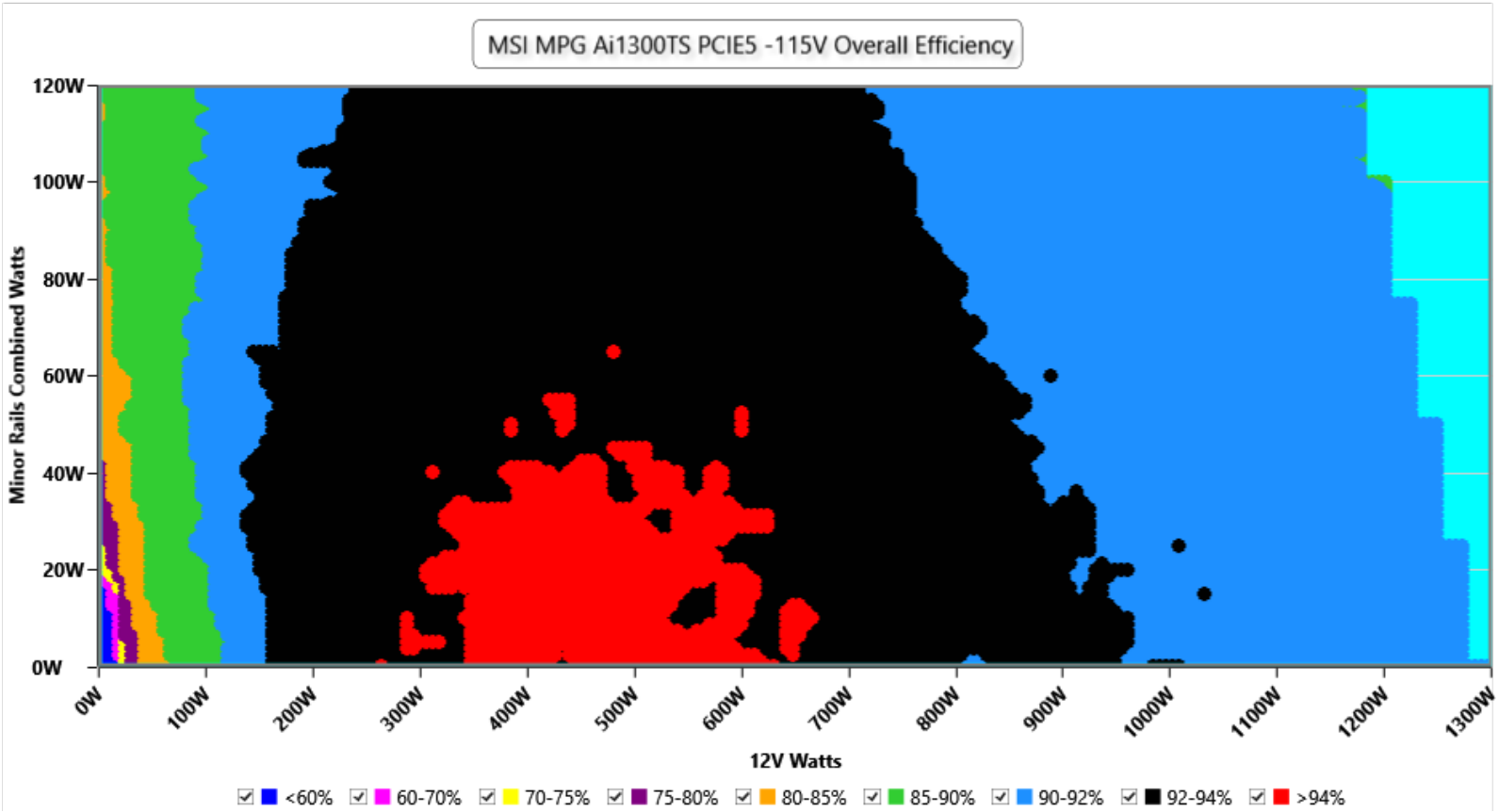
Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	115.06 V	115.02 V	113.85 V	115.07 V	116.15 V	PASS
Mains Frequency:	60.00 Hz	59.99 Hz	59.40 Hz	60.01 Hz	60.60 Hz	PASS
Mains Voltage CF:	1.416	1.415	1.340	1.417	1.490	PASS
Mains Voltage THD:	0.13 %	0.11 %	N/A	0.15 %	2.00 %	PASS
Real Power:	0.025 W	0.012 W	N/A	0.039 W	N/A	N/A
Apparent Power:	14.961 W	14.942 W	N/A	14.981 W	N/A	N/A
Power Factor:	0.001	N/A	N/A	N/A	N/A	N/A

230V

Detailed Results						
	Average	Min	Limit Min	Max	Limit Max	Result
Mains Voltage RMS:	230.11 V	230.07 V	227.70 V	230.11 V	232.30 V	PASS
Mains Frequency:	50.00 Hz	50.00 Hz	49.50 Hz	50.00 Hz	50.50 Hz	PASS
Mains Voltage CF:	1.415	1.415	1.340	1.416	1.490	PASS
Mains Voltage THD:	0.14 %	0.13 %	N/A	0.16 %	2.00 %	PASS
Real Power:	0.110 W	0.079 W	N/A	0.148 W	N/A	N/A
Apparent Power:	49.544 W	49.512 W	N/A	49.574 W	N/A	N/A
Power Factor:	0.002	N/A	N/A	N/A	N/A	N/A

Efficiency Graph

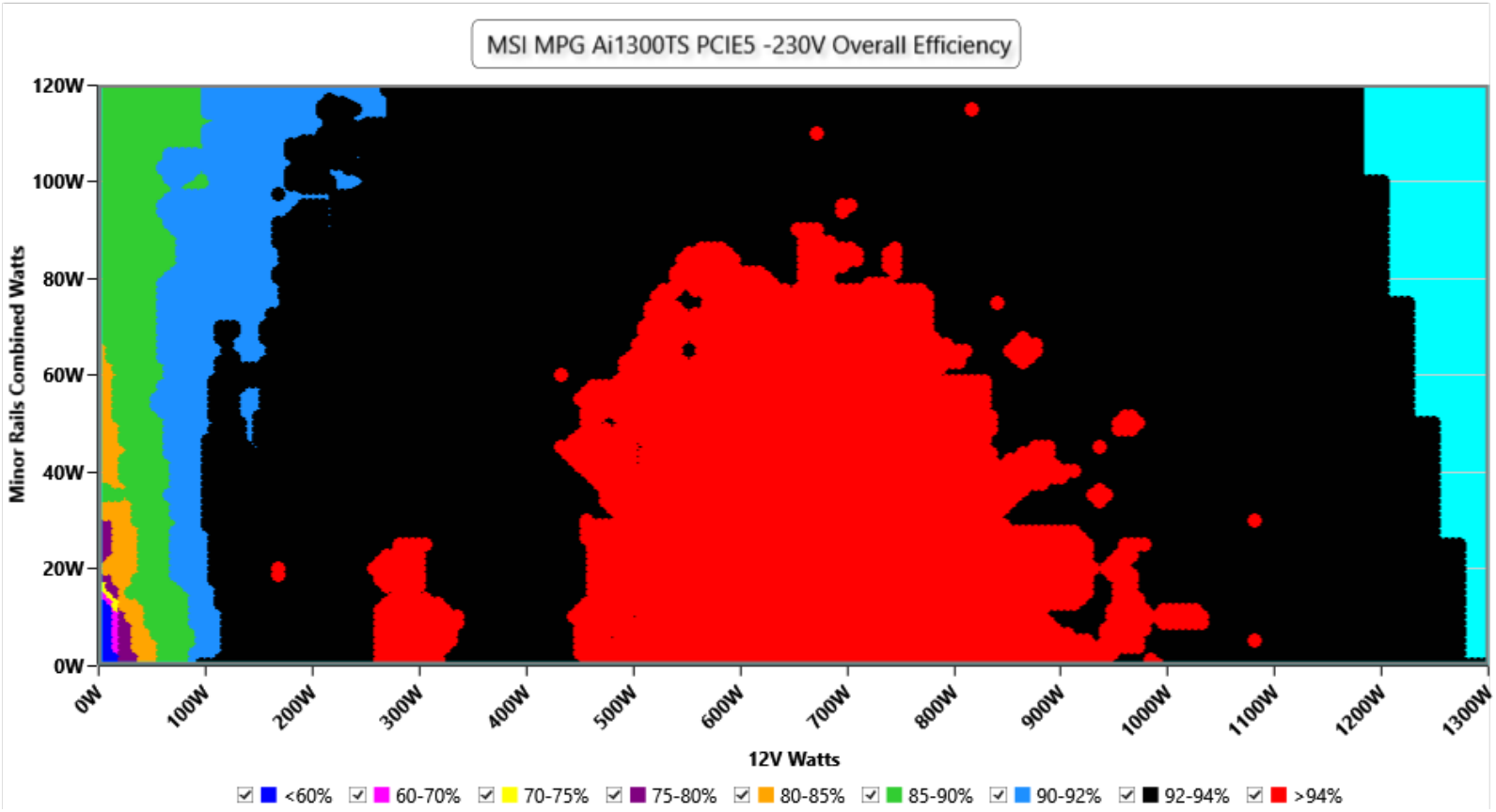
115V



INFO

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

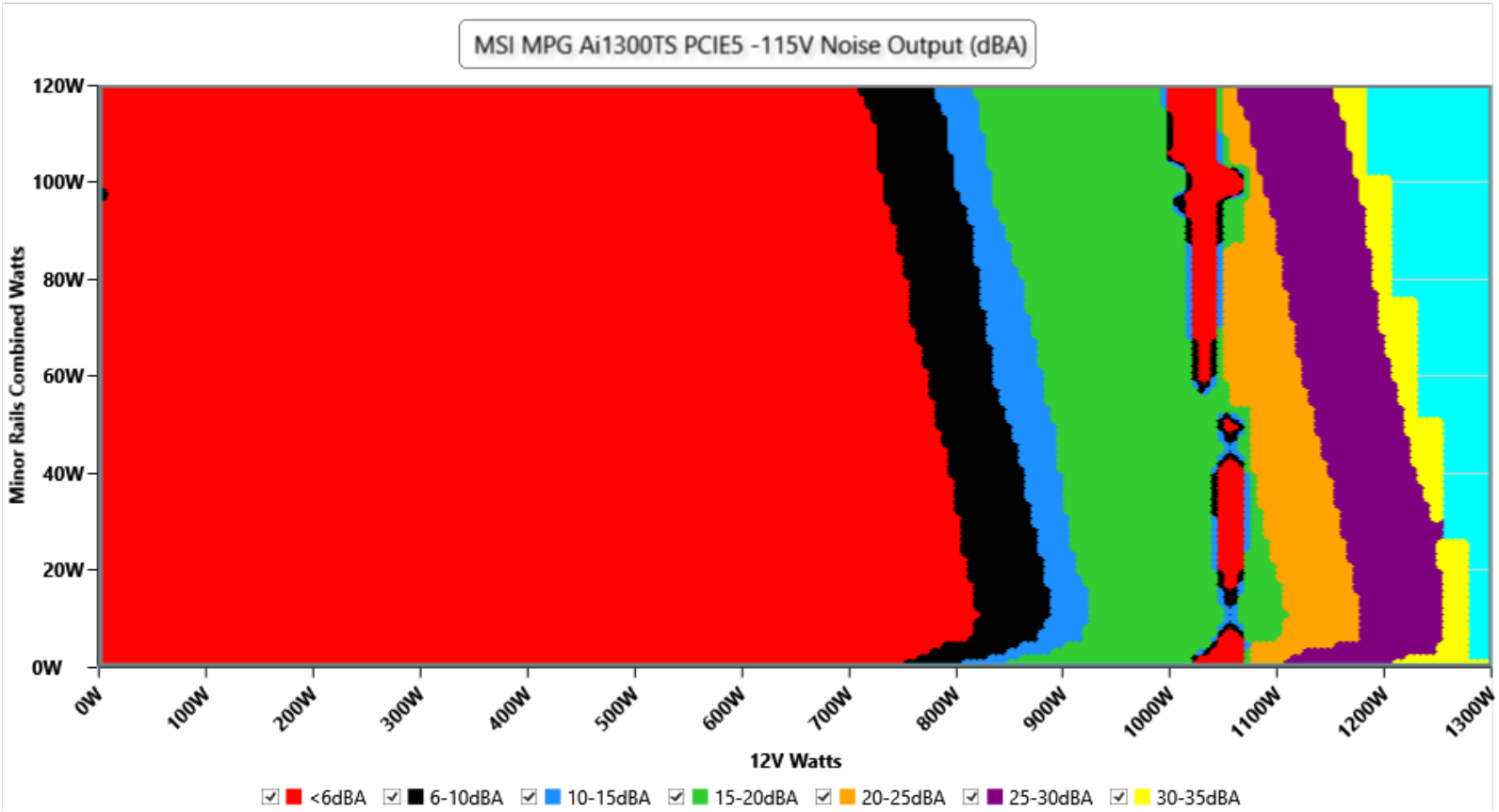


INFO

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

Noise Graph

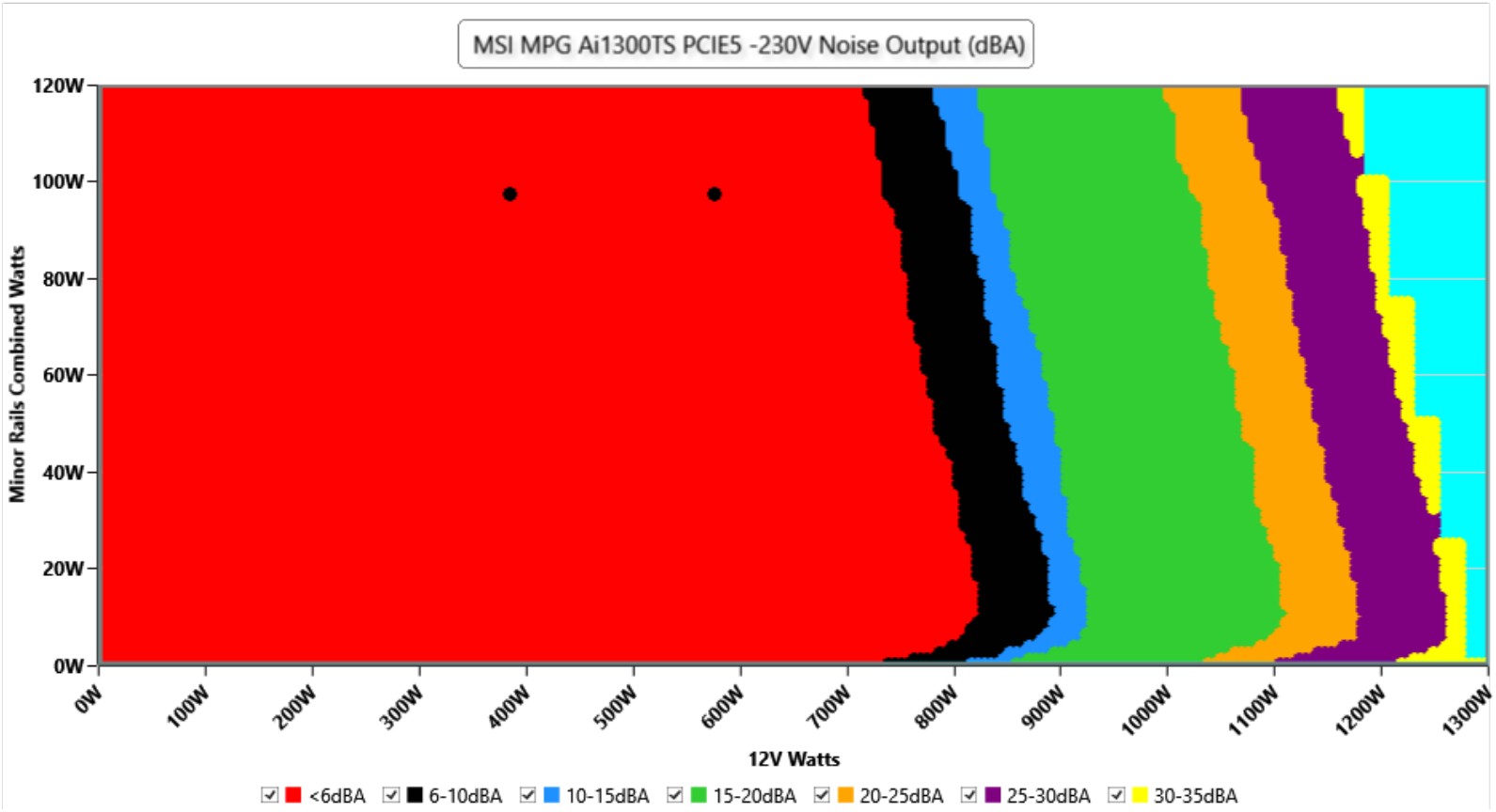
115V



INFO

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

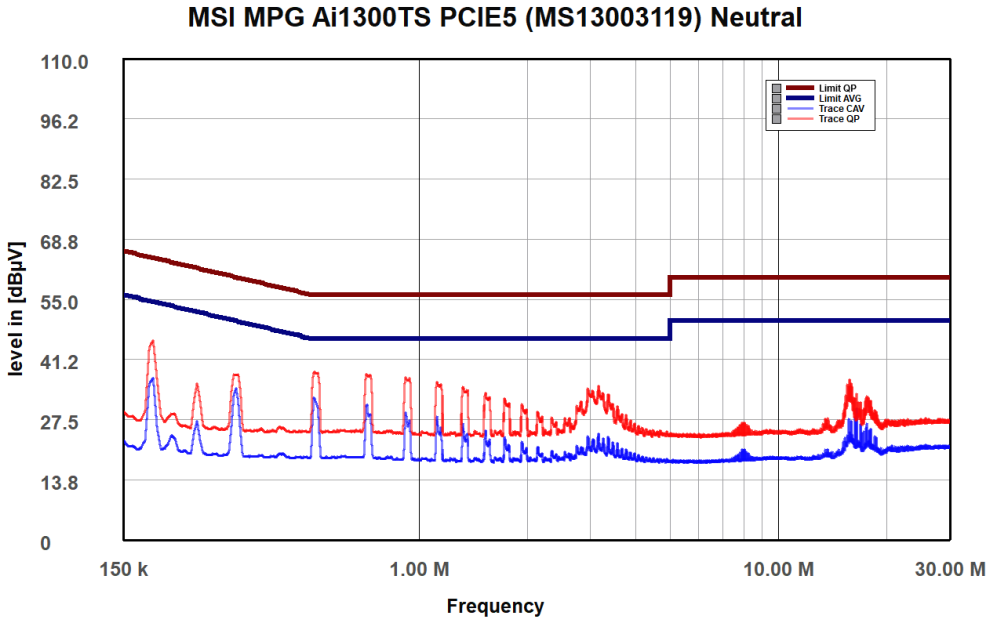
230V



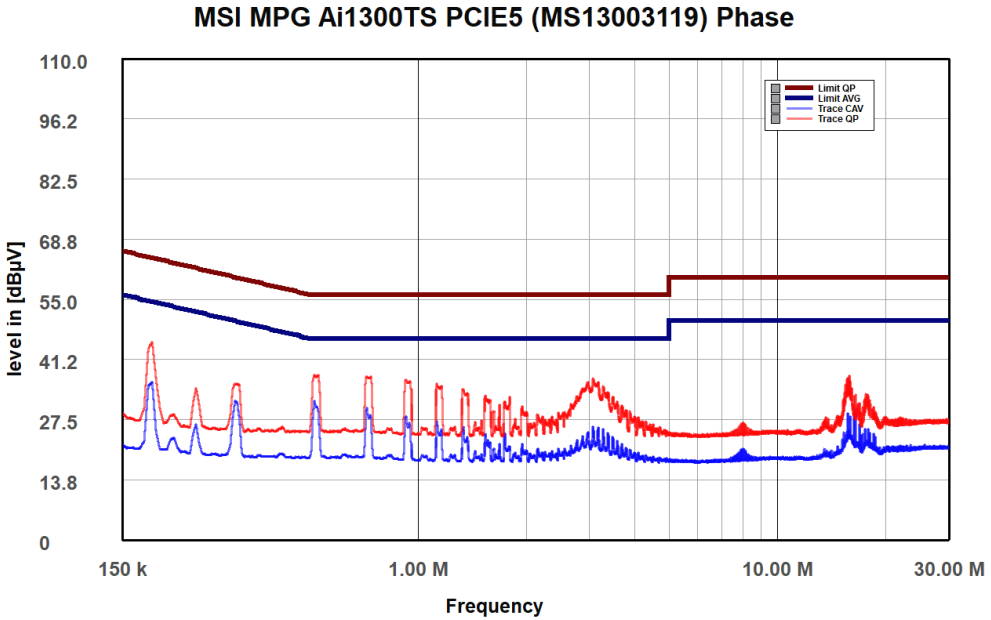
INFO

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

Conducted Emissions EN 55032 & CISPR 32



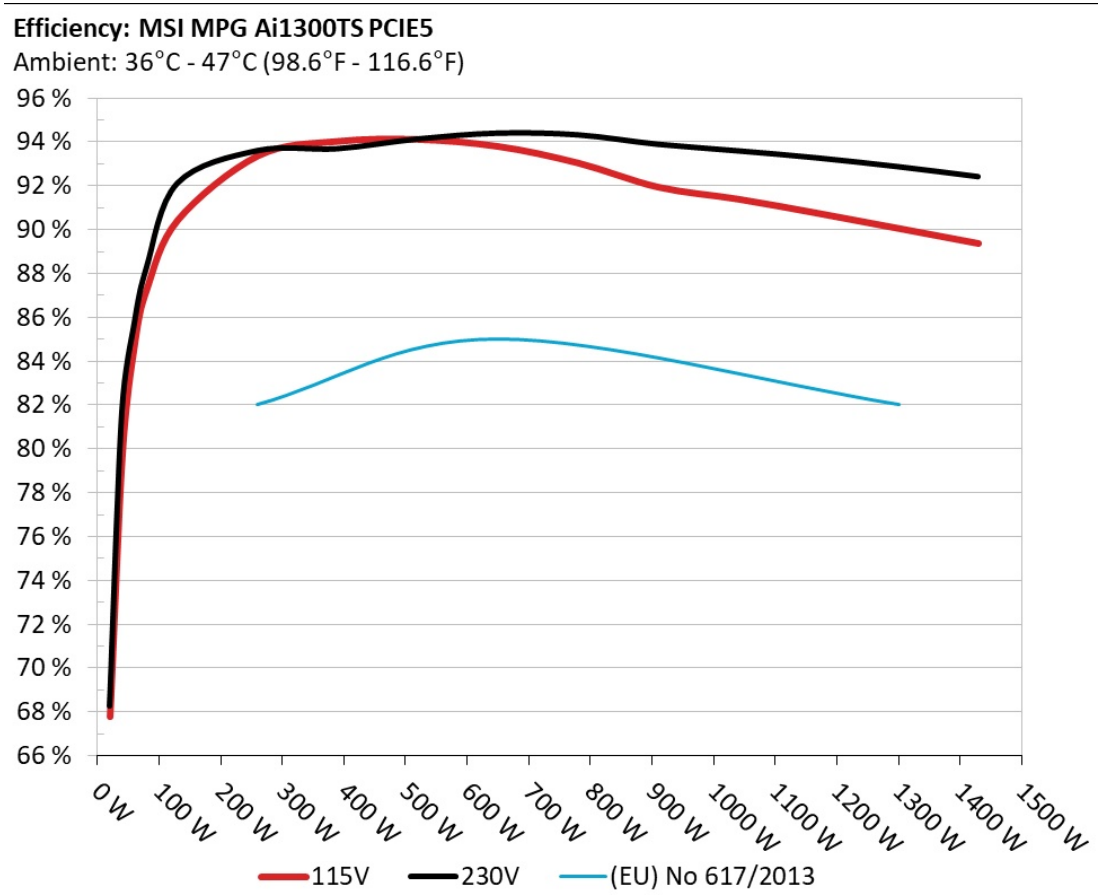
NEUTRAL



PHASE

Indicative Performance

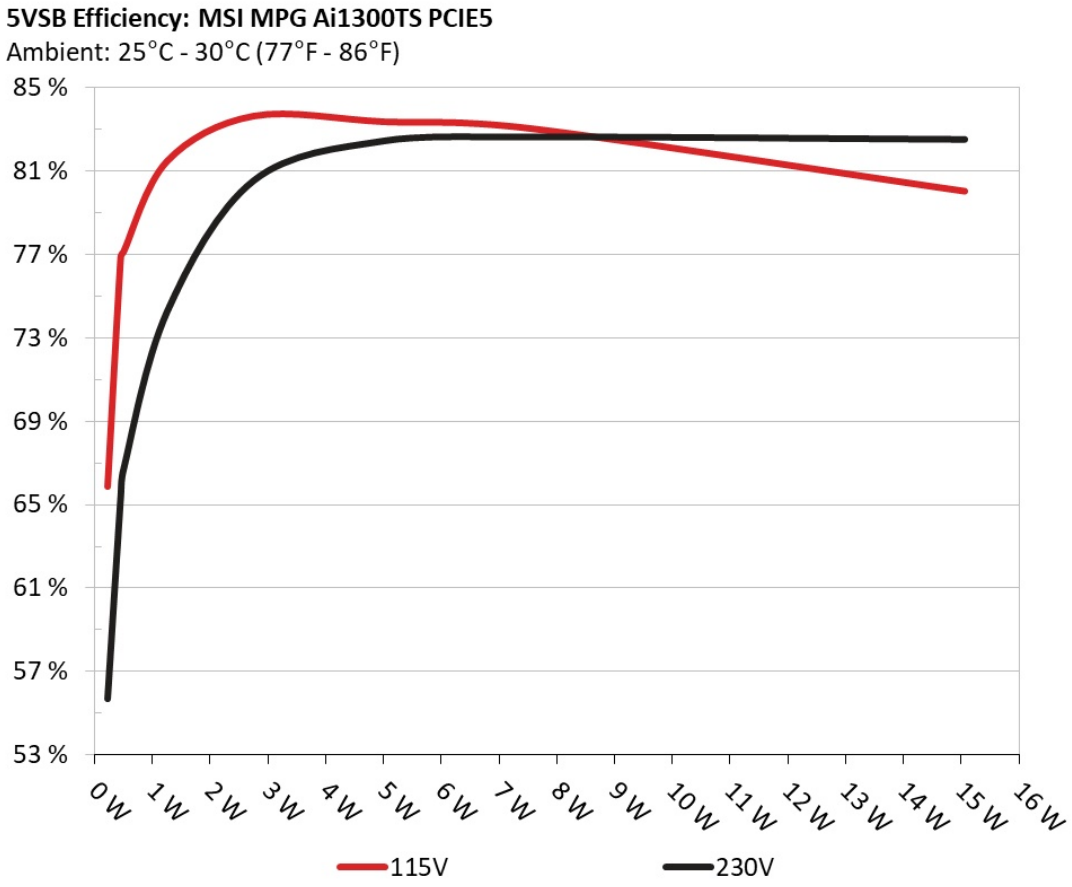
Efficiency under high ambient temperature



INFO

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 Efficiency



INFO

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

5VSB Efficiency (ERP LOT 3/6 & CEC)

115V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	**0.045A**	0.225W	65.866%	0.002
	5.005V	0.036W		114.89V
2	**0.09A**	0.451W	76.846%	0.039
	5.006V	0.586W		114.89V
3	**0.55A**	2.754W	83.614%	0.199
	5.008V	3.294W		114.89V
4	**1A**	5.01W	83.341%	0.316
	5.01V	6.012W		114.88V
5	**1.5A**	7.519W	83.027%	0.404
	5.012V	9.056W		114.88V
6	**3A**	15.059W	80.014%	0.531
	5.019V	18.82W		114.87V

230V

Test #	5VSB	DC/AC (Watts)	Efficiency	PF/AC Volts
1	**0.045A**	0.225W	55.671%	0.008
	5.005V	0.408W		229.89V
2	**0.09A**	0.451W	65.347%	0.013
	5.005V	0.691W		229.9V
3	**0.55A**	2.754W	80.521%	0.064
	5.007V	3.42W		229.88V
4	**1A**	5.01W	82.425%	0.112
	5.009V	6.078W		229.89V
5	**1.5A**	7.518W	82.614%	0.161
	5.011V	9.101W		229.89V
6	**3A**	15.055W	82.496%	0.281
	5.018V	18.249W		229.88V

Protection Features

OCP (Normal @ 29.1°C)	12V: 129.00A (119.08%), 11.983V 5V: 27.7A (125.91%), 5.092V 3.3V: 27.7A (125.91%), 3.291V 5VSB: 4.7A (156.67%), 5.019V
OCP (Hot @ 43.9°C)	12V: 128.00A (118.16%), 11.986V 5V: 27.8A (126.36%), 5.085V 3.3V: 27.7A (125.91%), 3.284V 5VSB: 4.7A (156.67%), 5.012V
OPP (Normal @ 28.6°C)	1567.11W (120.55%)
OPP (Hot @ 45.1°C)	1543.11W (118.70%)
OTP	✓ (144°C @ 12V Heatsink)
SCP	12V to Earth: ✓ 5V to Earth: ✓ 3.3V to Earth: ✓ 5VSB to Earth: ✓
PWR_OK	Proper Operation
UVP (Full Load @ 90V)	✓
UVP (No Damage @ 80V)	✓
Conducted Emissions EN55032 & CISPR 32	✓
NLO	✓
Fan Failure Protection	✓
SIP	Surge: MOV Inrush: NTC & Bypass Relay

Supplementary Tests (For Reference)

Typical Load Tests

115V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
10%	**8.960A**	**1.948A**	**1.949A**	**1A**	129.997	90.417%	0	<6.0	46.57°C	0.981
	12.098V	5.132V	3.386V	5.002V	143.791				40.24°C	114.84V
20%	**18.943A**	**2.924A**	**2.928A**	**1.201A**	259.959	93.347%	0	<6.0	48.36°C	0.988
	12.092V	5.13V	3.382V	4.996V	278.491				40.61°C	114.79V
30%	**29.254A**	**3.413A**	**3.419A**	**1.403A**	389.577	94.006%	0	<6.0	49.62°C	0.991
	12.085V	5.128V	3.378V	4.99V	414.4				41.1°C	114.75V
40%	**39.605A**	**3.901A**	**3.911A**	**1.605A**	519.54	94.092%	0	<6.0	51.64°C	0.993
	12.078V	5.126V	3.375V	4.984V	552.178				41.74°C	114.71V
50%	**49.644A**	**4.879A**	**4.896A**	**1.809A**	649.696	93.775%	0	<6.0	53.97°C	0.995
	12.070V	5.124V	3.37V	4.977V	692.866				42.41°C	114.66V
60%	**59.674A**	**5.858A**	**5.884A**	**2A**	779.768	93.018%	436	9.4	42.87°C	0.996
	12.066V	5.122V	3.365V	4.975V	838.289				63.03°C	114.62V
70%	**69.719A**	**6.838A**	**6.874A**	**2.213A**	909.924	91.918%	643	10.1	43.17°C	0.996
	12.060V	5.119V	3.361V	4.971V	989.923				64.46°C	114.56V
80%	**79.781A**	**7.81A**	**7.853A**	**2.316A**	1039.51	91.369%	840	19.3	43.54°C	0.996
	12.053V	5.121V	3.361V	4.965V	1137.723				64.93°C	114.51V
90%	**90.257A**	**8.31A**	**8.351A**	**2.42A**	1169.765	90.719%	993	25	44.89°C	0.996
	12.046V	5.114V	3.352V	4.959V	1289.372				66.98°C	114.46V
100%	**100.483A**	**8.803A**	**8.867A**	**3.028A**	1299.397	90.037%	1280	33	45.82°C	0.996
	12.039V	5.112V	3.349V	4.954V	1443.192				67.72°C	114.42V
110%	**110.652A**	**9.786A**	**9.957A**	**3.032A**	1429.597	89.349%	1500	37.5	46.69°C	0.996
	12.031V	5.109V	3.344V	4.947V	1600.082				69.43°C	114.35V
CL1	**0.116A**	**14.106A**	**14.269A**	**0A**	121.303	85.128%	404	<6.0	41.1°C	0.981
	12.092V	5.118V	3.342V	4.991V	142.496				64.05°C	114.82V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
CL2	**0.116A**	**21.429A**	**0A**	**0A**	111.314	84.481%	402	<6.0	40.45°C	0.98
	12.095V	5.129V	3.364V	4.995V	131.762				59.93°C	114.83V
CL3	**0.114A**	**0A**	**21.733A**	**0A**	73.982	77.235%	400	<6.0	41.01°C	0.968
	12.097V	5.108V	3.34V	4.994V	95.821				56.89°C	114.85V
CL4	**107.915A**	**0A**	**0A**	**0A**	1299.914	90.46%	1321	34.1	45.54°C	0.996
	12.046V	5.122V	3.376V	4.954V	1437.073				64.49°C	114.43V

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
10%	**8.960A**	**1.948A**	**1.948A**	**1A**	129.999	92.104%	0	<6.0	49.05°C	0.809
	12.098V	5.133V	3.388V	5.002V	141.142				40.22°C	229.88V
20%	**18.945A**	**2.923A**	**2.926A**	**1.201A**	259.962	93.587%	0	<6.0	50.24°C	0.915
	12.092V	5.131V	3.384V	4.996V	277.791				40.91°C	229.85V
30%	**29.252A**	**3.412A**	**3.417A**	**1.403A**	389.598	93.676%	0	<6.0	51.65°C	0.931
	12.086V	5.129V	3.38V	4.99V	415.9				41.5°C	229.84V
40%	**39.604A**	**3.901A**	**3.909A**	**1.606A**	519.577	94.117%	0	<6.0	52.49°C	0.951
	12.079V	5.128V	3.377V	4.983V	552.067				41.57°C	229.81V
50%	**49.638A**	**4.878A**	**4.892A**	**1.809A**	649.742	94.384%	0	<6.0	52.37°C	0.958
	12.072V	5.125V	3.373V	4.975V	688.416				42.41°C	229.79V
60%	**59.681A**	**5.857A**	**5.878A**	**2A**	779.799	94.307%	443	8.4	42.69°C	0.963
	12.065V	5.123V	3.369V	4.973V	826.815				57.85°C	229.77V
70%	**69.741A**	**6.836A**	**6.867A**	**2.214A**	909.943	93.876%	645	10.2	43.04°C	0.968
	12.057V	5.121V	3.365V	4.969V	969.315				58.06°C	229.75V
80%	**79.817A**	**7.815A**	**7.855A**	**2.318A**	1039.538	93.58%	840	19.3	43.72°C	0.968
	12.049V	5.118V	3.361V	4.962V	1110.885				58.6°C	229.73V
90%	**90.300A**	**8.307A**	**8.34A**	**2.421A**	1169.776	93.255%	992	25	44.46°C	0.969
	12.041V	5.116V	3.357V	4.957V	1254.369				59.29°C	229.7V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
100%	**100.533A**	**8.8A**	**8.855A**	**3.03A**	1299.409	92.859%	1278	32.9	45.05°C	0.971
	12.033V	5.113V	3.354V	4.952V	1399.281				59.61°C	229.68V
110%	**110.715A**	**9.783A**	**9.942A**	**3.034A**	1429.603	92.407%	1499	37.5	46.42°C	0.972
	12.025V	5.111V	3.349V	4.945V	1547.098				60.99°C	229.66V
CL1	**0.116A**	**14.088A**	**14.224A**	**0A**	121.303	86.404%	405	<6.0	41.73°C	0.815
	12.091V	5.125V	3.353V	4.99V	140.392				58.6°C	229.88V
CL2	**0.116A**	**21.364A**	**0A**	**0A**	111.314	86.189%	402	<6.0	40.24°C	0.795
	12.094V	5.145V	3.362V	4.995V	129.14				55.59°C	229.88V
CL3	**0.115A**	**0A**	**21.683A**	**0A**	73.981	79.267%	400	<6.0	40.31°C	0.703
	12.095V	5.108V	3.348V	4.993V	93.332				53.8°C	229.89V
CL4	**107.977A**	**0A**	**0A**	**0A**	1299.966	93.269%	1320	34.1	45.15°C	0.971
	12.039V	5.118V	3.373V	4.951V	1393.731				57.26°C	229.68V

The results above are not used in the certification process

Light Load Tests

115V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
20W	**1.227A**	**0.487A**	**0.486A**	**0.2A**	20	67.758%	0	<6.0	39.57°C	0.779
	12.103V	5.133V	3.392V	5.006V	29.532				36.33°C	114.87V
40W	**2.701A**	**0.682A**	**0.681A**	**0.3A**	40.001	79.707%	0	<6.0	42.01°C	0.876
	12.102V	5.133V	3.391V	5.005V	50.186				37.85°C	114.86V
60W	**4.176A**	**0.876A**	**0.876A**	**0.4A**	60.001	84.763%	0	<6.0	43.48°C	0.916
	12.102V	5.133V	3.39V	5.005V	70.788				38.56°C	114.86V
80W	**5.645A**	**1.071A**	**1.071A**	**0.5A**	79.944	87.279%	0	<6.0	44.6°C	0.934
	12.102V	5.133V	3.389V	5.004V	91.594				39.2°C	114.85V

The results above are not used in the certification process

230V

Test	12V	5V	3.3V	5VSB	DC/AC (Watts)	Efficiency	Fan Speed (RPM)	PSU Noise (dB[A])	Temps (In/Out)	PF/AC Volts
20W	**1.226A**	**0.487A**	**0.486A**	**0.2A**	19.998	68.296%	0	<6.0	39.72°C	0.336
	12.103V	5.134V	3.393V	5.003V	28.189				36.59°C	229.91V
40W	**2.701A**	**0.682A**	**0.681A**	**0.3A**	40	81.721%	0	<6.0	43.59°C	0.549
	12.102V	5.134V	3.393V	5.006V	49.098				37.11°C	229.9V
60W	**4.176A**	**0.876A**	**0.876A**	**0.4A**	60	85.708%	0	<6.0	46.81°C	0.657
	12.101V	5.134V	3.392V	5.005V	69.994				38.86°C	229.89V
80W	**5.646A**	**1.071A**	**1.07A**	**0.5A**	79.943	88.268%	0	<6.0	47.32°C	0.719
	12.101V	5.134V	3.391V	5.004V	90.566				39.18°C	229.88V

The results above are not used in the certification process

Ripple Measurements

115V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	34.62mV	22.63mV	22.73mV	18.78mV	Pass
20% Load	31.50mV	18.27mV	17.85mV	14.83mV	Pass
30% Load	34.22mV	18.94mV	18.73mV	15.03mV	Pass
40% Load	44.19mV	19.40mV	18.73mV	16.32mV	Pass
50% Load	38.92mV	18.63mV	18.01mV	16.01mV	Pass
60% Load	37.08mV	19.04mV	18.52mV	16.21mV	Pass
70% Load	32.33mV	19.35mV	19.75mV	18.11mV	Pass
80% Load	32.22mV	17.91mV	19.70mV	18.42mV	Pass
90% Load	35.29mV	19.09mV	18.83mV	18.78mV	Pass
100% Load	37.45mV	17.93mV	18.69mV	16.67mV	Pass
110% Load	38.72mV	18.10mV	16.95mV	16.64mV	Pass
Crossload1	28.49mV	17.44mV	17.02mV	13.01mV	Pass
Crossload2	27.31mV	20.37mV	18.37mV	14.83mV	Pass

Test	12V	5V	3.3V	5VSB	Pass/Fail
Crossload3	24.75mV	16.78mV	18.73mV	13.29mV	Pass
Crossload4	37.57mV	17.89mV	18.36mV	14.72mV	Pass

The results above are not used in the certification process

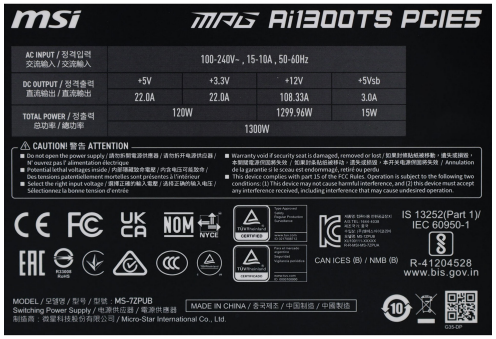
230V

Test	12V	5V	3.3V	5VSB	Pass/Fail
10% Load	29.87mV	19.86mV	19.34mV	15.49mV	Pass
20% Load	28.90mV	18.84mV	18.11mV	15.03mV	Pass
30% Load	37.95mV	18.63mV	18.27mV	15.34mV	Pass
40% Load	28.79mV	18.94mV	18.88mV	16.68mV	Pass
50% Load	29.20mV	18.83mV	18.88mV	15.75mV	Pass
60% Load	32.22mV	19.60mV	19.50mV	16.98mV	Pass
70% Load	32.83mV	20.99mV	21.49mV	17.70mV	Pass
80% Load	34.42mV	19.40mV	19.86mV	18.27mV	Pass
90% Load	36.06mV	19.91mV	20.68mV	19.29mV	Pass
100% Load	37.85mV	18.43mV	17.78mV	15.88mV	Pass
110% Load	40.17mV	18.05mV	19.07mV	16.10mV	Pass
Crossload1	29.74mV	16.14mV	17.61mV	12.71mV	Pass
Crossload2	30.48mV	19.97mV	18.11mV	14.37mV	Pass
Crossload3	28.49mV	18.42mV	21.91mV	15.49mV	Pass
Crossload4	39.50mV	17.37mV	17.52mV	14.72mV	Pass

The results above are not used in the certification process

MSI MPG Ai1300TS PCIE5

Top side



Power specifications label

FAN

PSU Internals

Cybenetics [redacted] ETA[redacted] LAMBDA[redacted] SAFE[redacted] DELTA[redacted] PHI[redacted]

CYBENETICS LTD Syrou 6, Latsia, 2231, Nicosia Cyprus

www.cybenetics.com - info@cybenetics.com