



## EVGA 430W (#2)

1603530404865170

Lab ID EV43001756

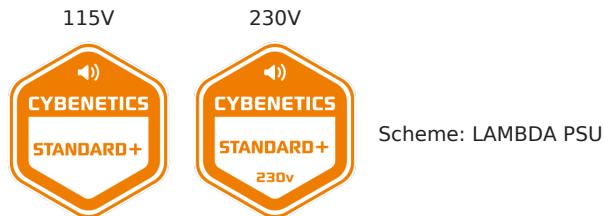
Certification ID 251756

Test Result Report ID: 20PS1756A

Certificate Issue Date: Dec 17, 2020

115V 230V

Scheme: ETA-EMI PSU



A handwritten signature in blue ink, appearing to read 'A. Bitziopoulos'.

Aristeidis Bitziopoulos, Certification Body General Manager

## General Information

### Test Equipment

|                       |                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------|
| Electronic Loads      | Chroma 63601-5 x2<br>Chroma 63600-2<br>Chroma 63640-80-80 x10<br>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                             |  | EVGA             |
| Model                             |  | 430W (#2)        |
| OEM/ODM                           |  | HEC              |
| Serial Number                     |  | 1603530404865170 |
| Product Specifications            |  |                  |
| Manufacturer-Provided Information |  |                  |
| <input type="checkbox"/> (Vrms)   |  | 100-240          |
| <input type="checkbox"/> (Arms)   |  | 8-4              |
| <input type="checkbox"/> (Hz)     |  | 50-60            |

|                                                   |                                                                                     |
|---------------------------------------------------|-------------------------------------------------------------------------------------|
| □□□□ (W)                                          | 430                                                                                 |
| Operating Temperature (Continuous Full Load) (°C) |                                                                                     |
| □□                                                | ATX12V                                                                              |
| □□□□                                              | Fixed cables                                                                        |
| Warranty                                          | -                                                                                   |
| Cybenetics Measurements                           |                                                                                     |
| Dimensions (W x H x D)                            |                                                                                     |
| Weight                                            |                                                                                     |
| □□                                                | 120mm Sleeve Bearing Fan<br>(EFS-12E12H)                                            |
| □□□□                                              | X                                                                                   |
| Cybenetics Testing Information                    |                                                                                     |
| Lab ID                                            | EV43001756                                                                          |
| Date of receipt                                   | Jul 28, 2020                                                                        |
| Testing Date                                      | Nov 23, 2020                                                                        |
| Report Issued Date                                | Dec 17, 2020                                                                        |
| Engineer Name                                     | -                                                                                   |
| Authorized By the Laboratory Technical Manager    | Aristeidis Bitziopoulos                                                             |
| Signature                                         |  |

□□□□ (Non-accredited measurements)

| Native Cables                                  |      |       |          |               |
|------------------------------------------------|------|-------|----------|---------------|
| □□                                             | □□□□ | □□□□□ | Gauge    | In Cable Caps |
| ATX □□ 20+4 pin (550mm)                        | 1    | 1     | 18-20AWG | □             |
| 4+4 pin EPS 12V □□ (620mm)                     | 1    | 1     | 18-20AWG | □             |
| 6+2pin PCIe□□ (570mm+120mm)                    | 1    | 2     | 20AWG    | □             |
| SATA□□ (480mm+125mm+125mm)                     | 2    | 6     | 20AWG    | □             |
| 4-pin Molex (480mm+120mm+120mm) / FDD (+120mm) | 1    | 3 / 1 | 20-22AWG | □             |
| □□□□                                           |      |       |          |               |
| AC Power Cord (1080mm) - C13 coupler           | 1    | 1     | 18AWG    | -             |

Table 1

|                 |       |      |    |     |      |      |
|-----------------|-------|------|----|-----|------|------|
| Input           |       | 3.3V | 5V | 12V | 5VSB | -12V |
| Output          | Load  | 24   | 15 | 34  | 3    | 0.3  |
|                 | Power | 120  |    | 408 | 15   | 3.6  |
| Total Power (W) |       | 430  |    |     |      |      |

Test Results

Temperature & Compliance Info

|                       |                   |
|-----------------------|-------------------|
| Temperature (°C / °F) | 28-32 / 82.4-89.6 |
| ErP Lot3/6            | ✓                 |
| (EU) No 617/2013      | ✓                 |

Performance Summary

115V

|                                                |          |
|------------------------------------------------|----------|
| Accredited                                     |          |
| Efficiency (>1450 load combinations)           | 80.967%  |
| Average Noise Output (>1450 Load Combinations) | 36.16dBA |
| PF (>1450 Load Combinations)                   | 0.992    |
| Efficiency With 10W (≤500W) or 2% (>500W) Load | 52.271%  |
| Power Factor                                   | 0.0571W  |
| Non-Accredited                                 |          |
| 12V Ripple (Full Load)                         | 59.87mV  |
| 5V Ripple (Full Load)                          | 39.70mV  |
| 3.3V Ripple (Full Load)                        | 26.68mV  |
| 5VSB Ripple (Full Load)                        | 27.66mV  |
| 12V Load Regulation                            | 2.44%    |
| 5V Load Regulation                             | 1.04%    |
| 3.3V Load Regulation                           | 2.99%    |

|                      |         |
|----------------------|---------|
| 5VSB Load Regulation | 3.26%   |
| Inrush Current       | 35.470A |

## 230V

|                                                |          |         |
|------------------------------------------------|----------|---------|
| Accredited                                     |          |         |
| THX (>>1450 load combinations)                 | 83.460%  |         |
| Average Noise Output (>1450 Load Combinations) | 35.47dBA |         |
| PFTHX (>>1450 Load Combinations)               | 0.973    |         |
| Efficiency With 10W (≤500W) or 2% (>500W) Load | -        |         |
| THX                                            | 0.1327W  |         |
| Non-Accredited                                 |          |         |
| 12V Ripple (Full Load)                         | 58.65mV  |         |
| 5V Ripple (Full Load)                          | 40.73mV  |         |
| 3.3V Ripple (Full Load)                        | 24.73mV  |         |
| 5VSB Ripple (Full Load)                        | 27.60mV  |         |
| 12V Load Regulation                            | 2.44%    |         |
| 5V Load Regulation                             | 1.18%    |         |
| 3.3V Load Regulation                           | 2.91%    |         |
| 5VSB Load Regulation                           | 3.19%    |         |
| Inrush Current                                 | 75.810A  |         |
| THX & PGTHX                                    | 18.50ms  |         |
| AC Loss to PWR_OK Hold Up Time                 | 12.20ms  |         |
| PWR_OK Inactive to DC Loss Delay               | 6.30ms   |         |
| PSU Timings: T1 (20% / 100%)                   | 54.0ms   | 54.0ms  |
| PSU Timings: T3 (20% / 100%)                   | 284.0ms  | 284.0ms |
| OPP (24.00°C / 37.00°C)                        | 131.00%  | 129.89% |

## □□□□ & PG□□

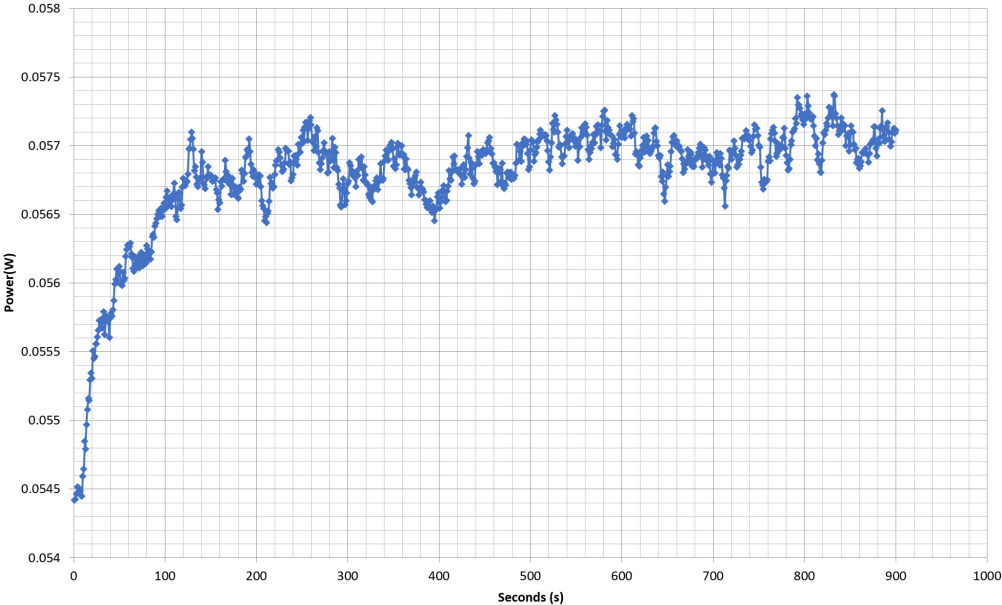
|                                     |      |
|-------------------------------------|------|
| Hold-Up Time (ms)                   | 18.5 |
| AC Loss to PWR_OK Hold Up Time (ms) | 12.2 |



Graphs

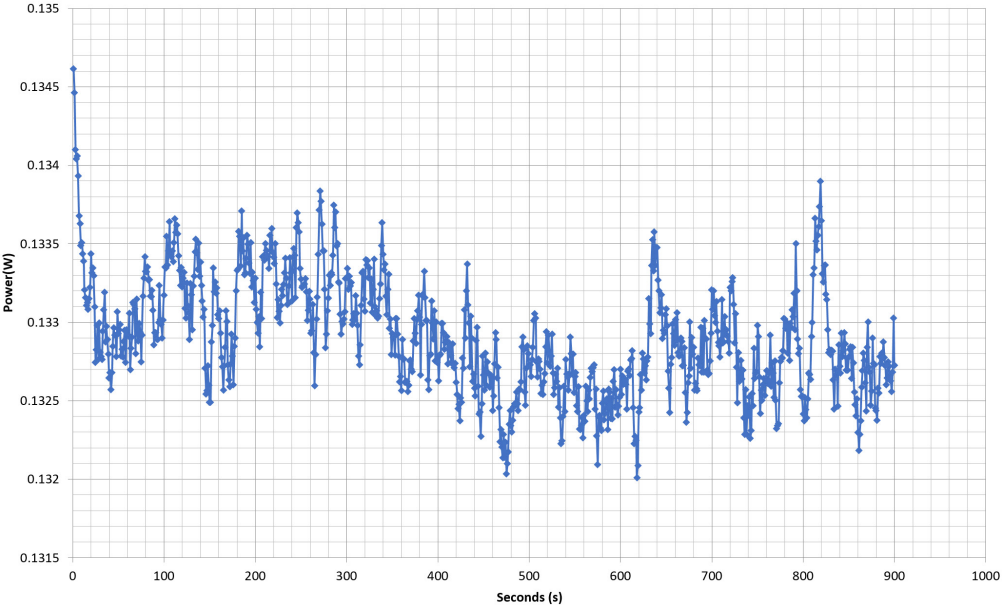
115V

Power - 1603530404865170 - 18/11/2020 - 11:44



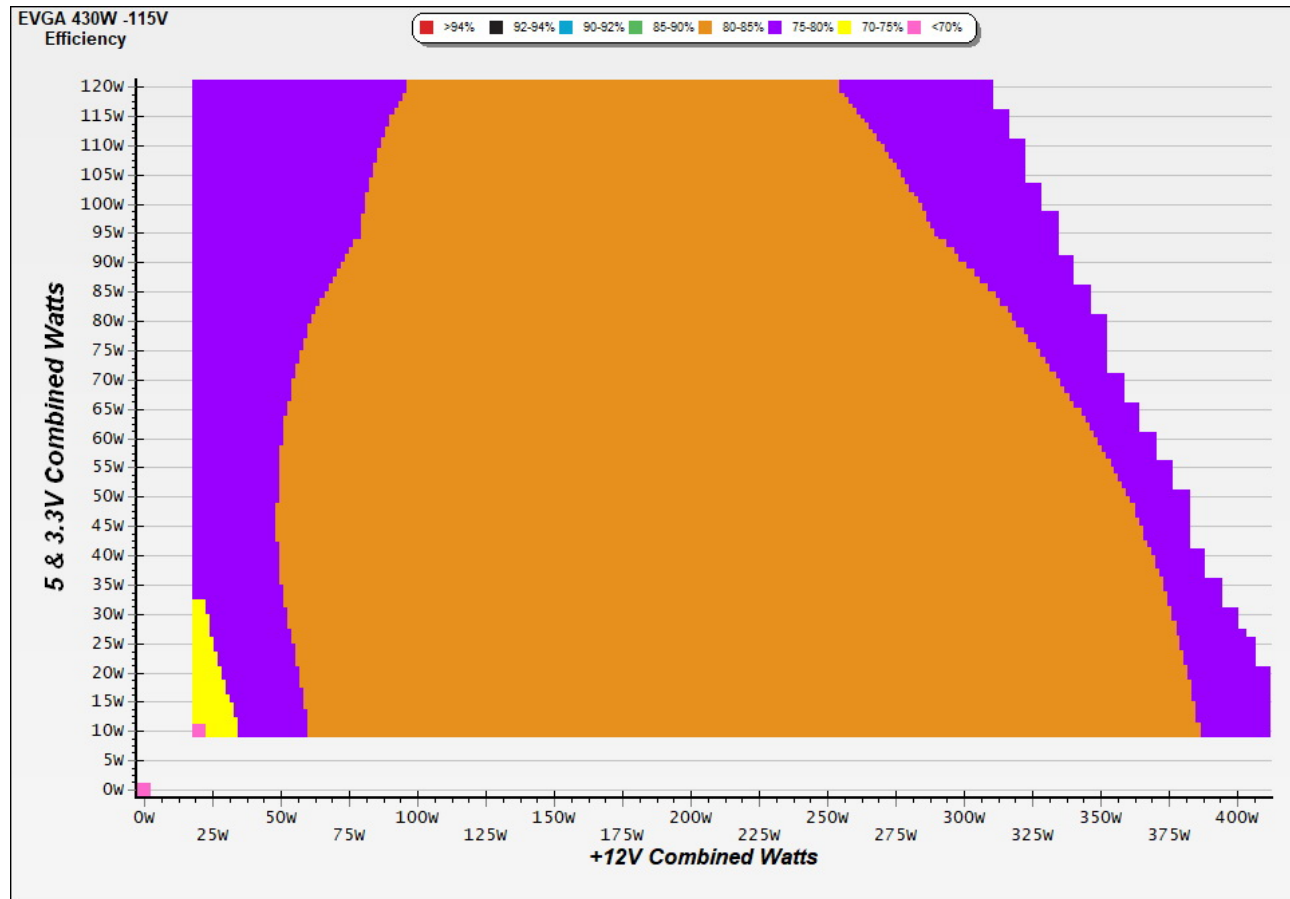
230V

Power - 1603530404865170 - 18/11/2020 - 11:44



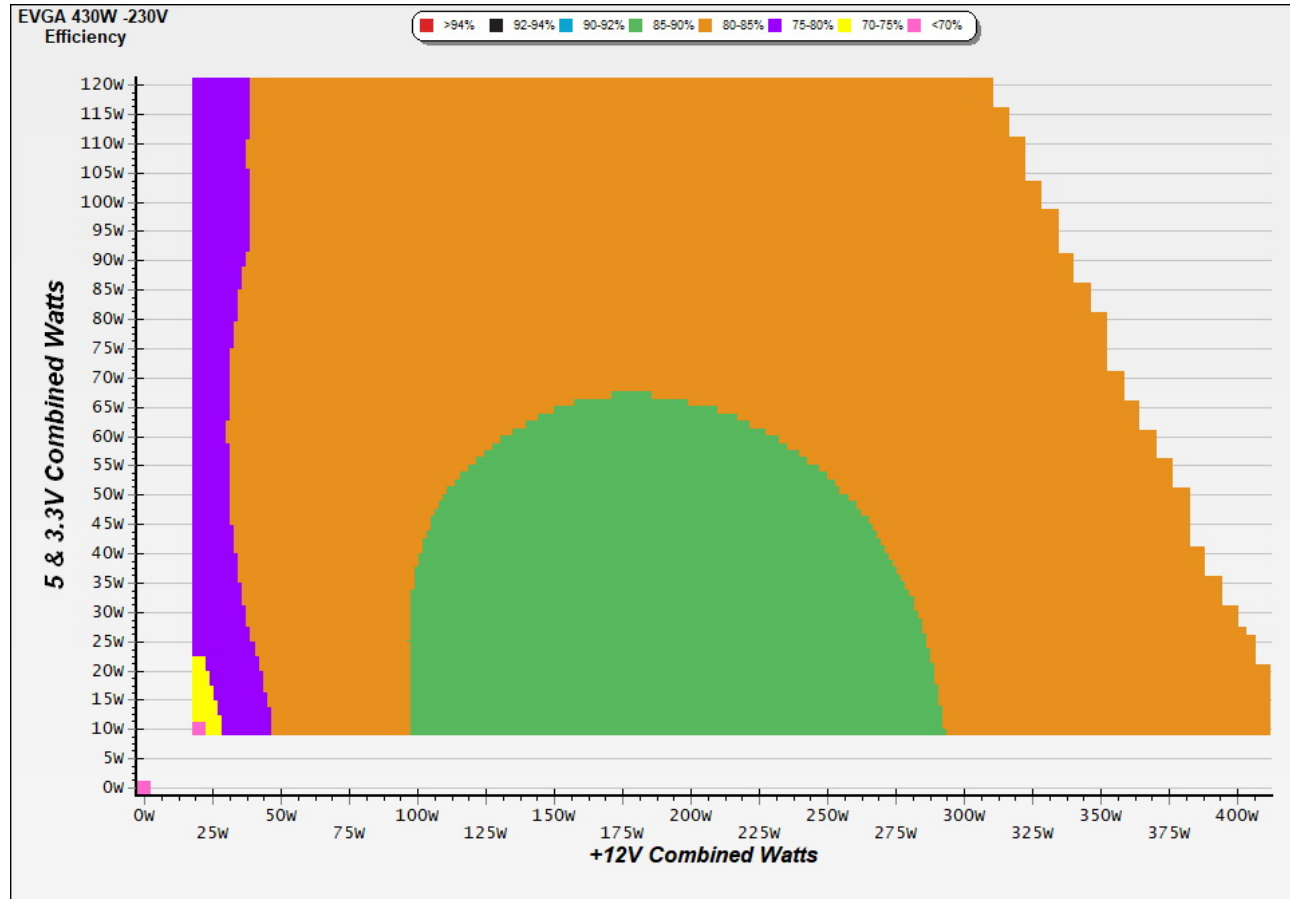


## 115V



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

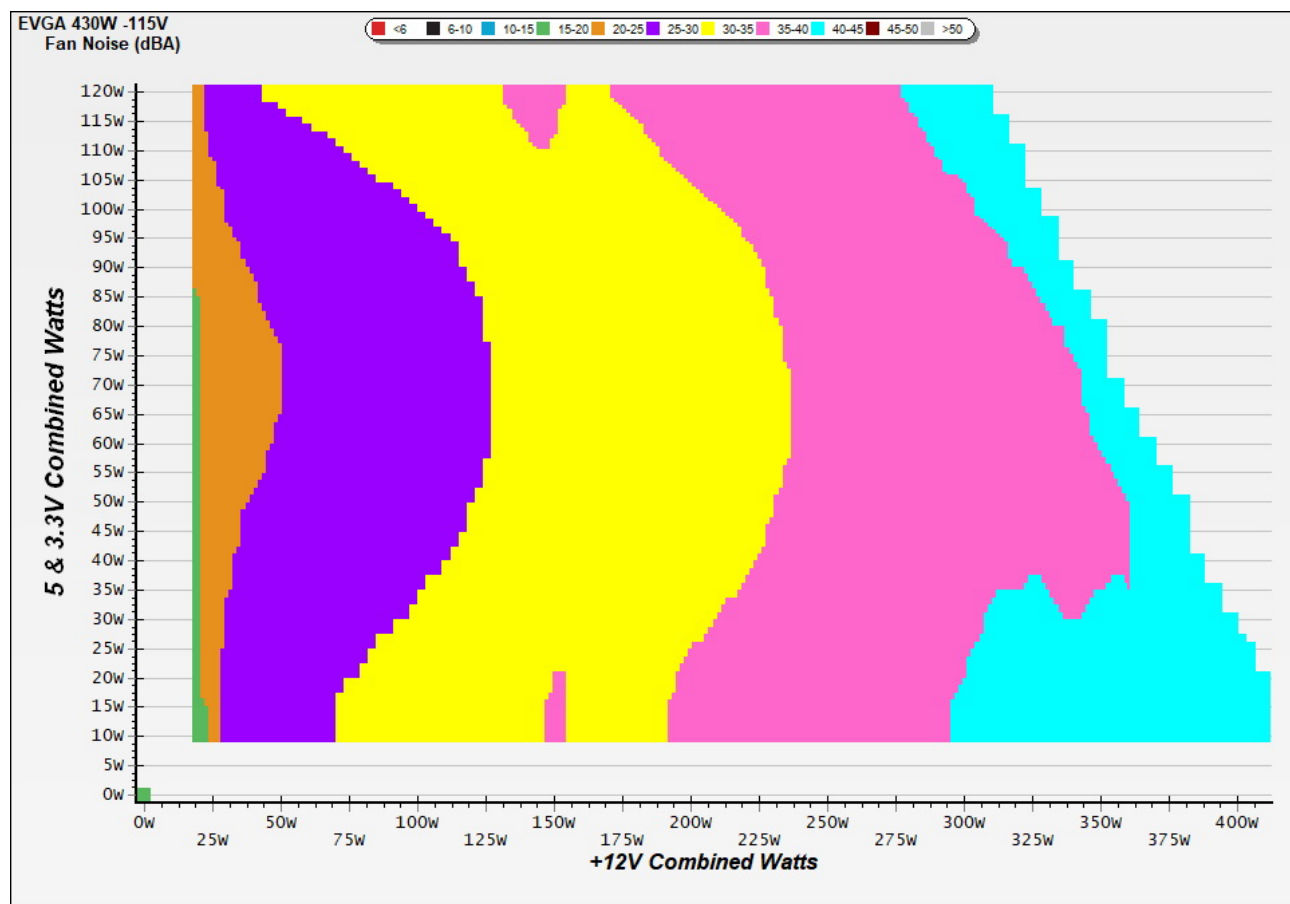
## 230V



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

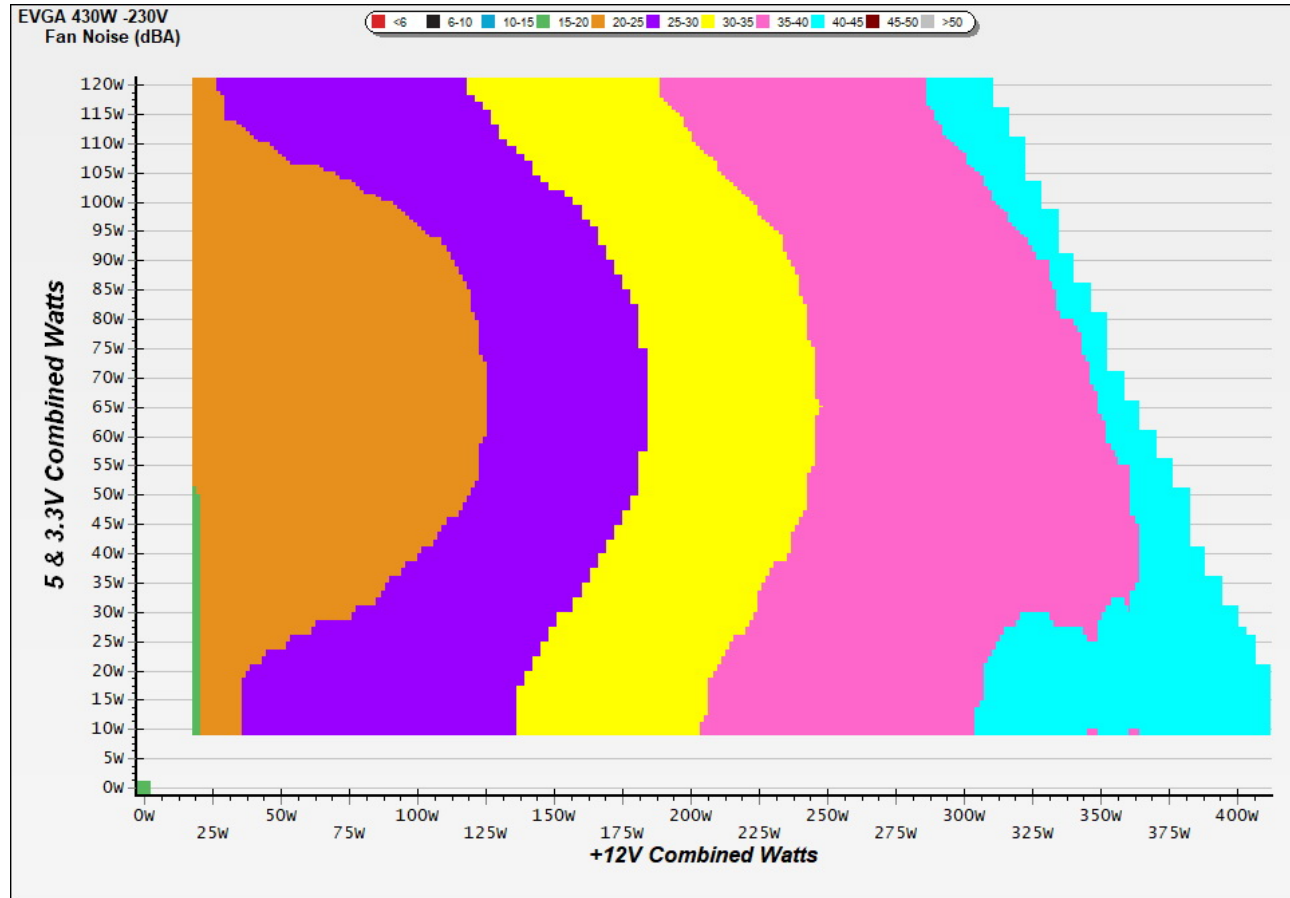


## 115V



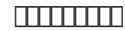
The PSU's noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails

## 230V



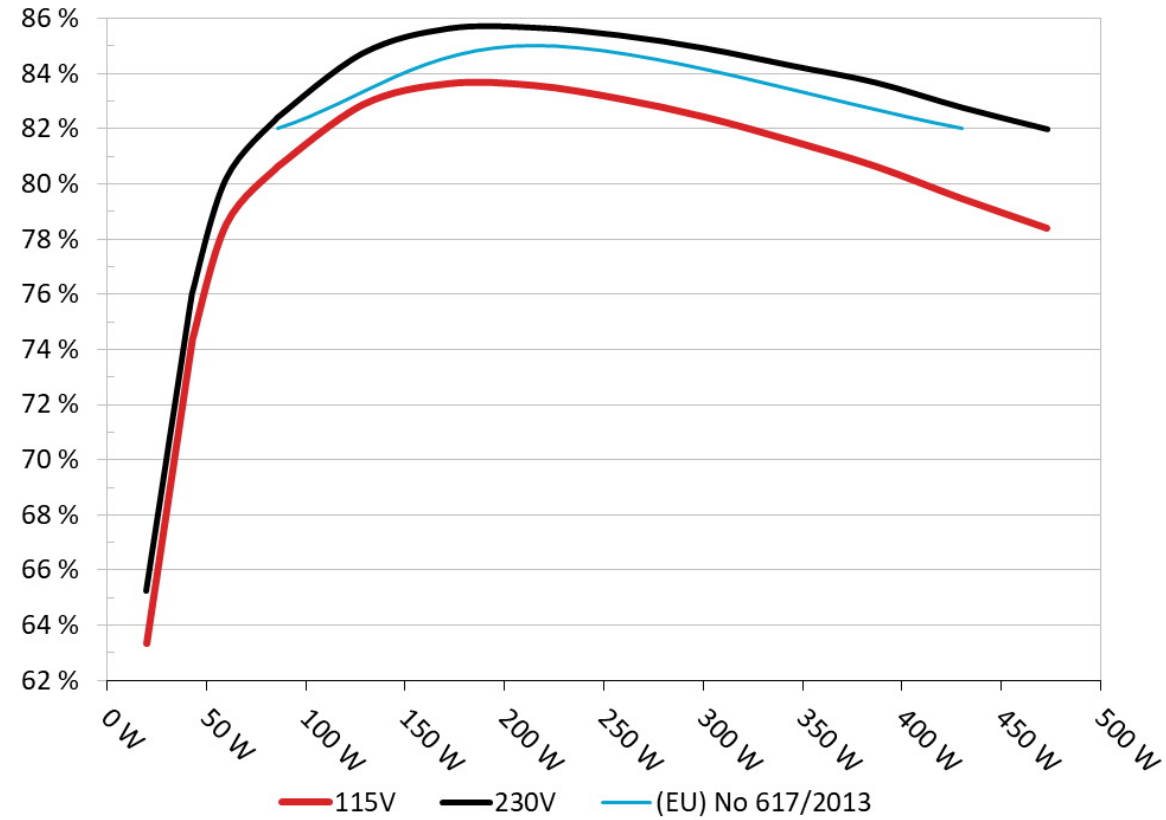
The PSU's noise in its entire operational range and under 30-32 °C ambient is depicted in this graph. The X axis represents the load on the +12V rail(s) while the Y axis is the load on the minor rails

## Indicative Performance



### Efficiency: EVGA 430W

Ambient: 27°C - 36°C (80.6°F - 96.8°F)

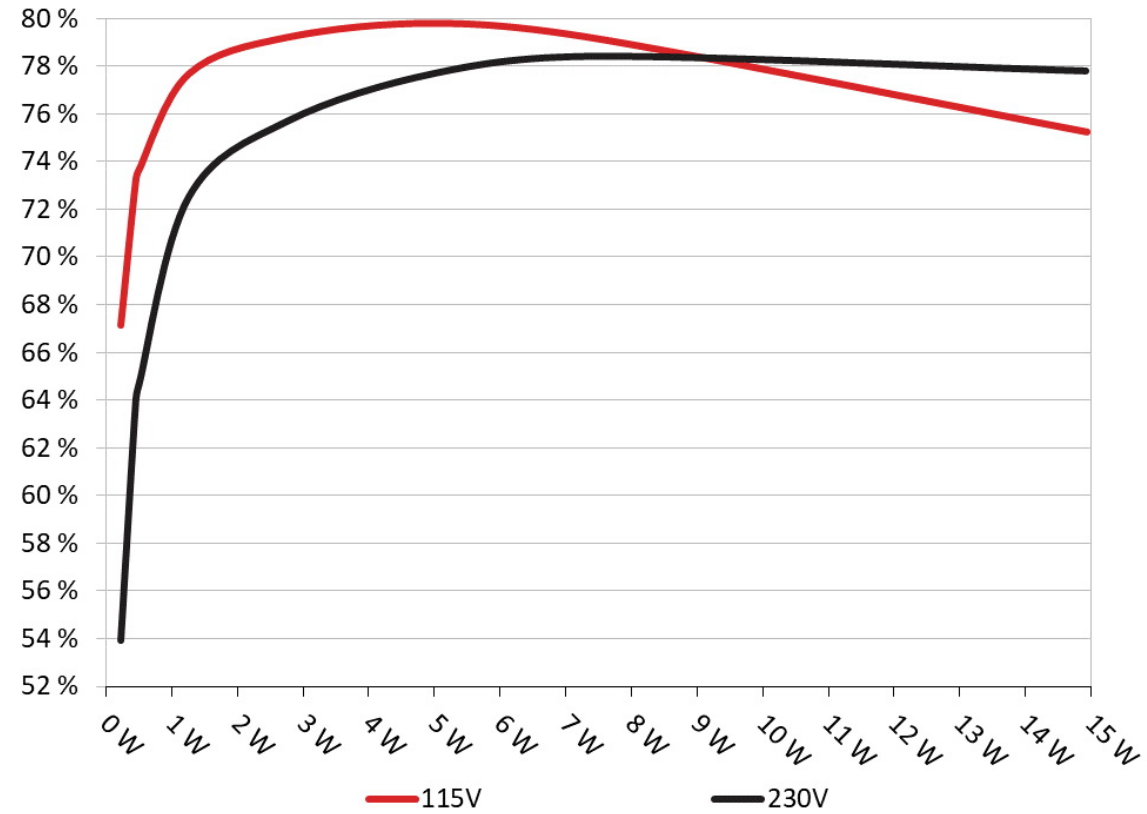


The PSU's efficiency under high ambient temperatures with 115V and 230V input. For this graph the results of the 10-110% load regulation table are used

# 5Vsb

## 5VSB Efficiency: EVGA 430W

Ambient: 28°C - 32°C (82.4°F - 89.6°F)



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 | 0.227     | 67.160% | 0.070   |
|   | 5.035V | 0.338     |         | 115.12V |
| 2 | 0.090A | 0.453     | 73.183% | 0.121   |
|   | 5.034V | 0.619     |         | 115.12V |
| 3 | 0.550A | 2.763     | 79.192% | 0.322   |
|   | 5.022V | 3.489     |         | 115.12V |
| 4 | 1.000A | 5.015     | 79.780% | 0.371   |
|   | 5.014V | 6.286     |         | 115.12V |
| 5 | 1.500A | 7.507     | 79.121% | 0.400   |
|   | 5.004V | 9.488     |         | 115.12V |
| 6 | 3.001A | 14.931    | 75.238% | 0.447   |
|   | 4.976V | 19.845    |         | 115.12V |

230V

| # | 5VSB   | DC/AC (%) |         | PF/AC   |
|---|--------|-----------|---------|---------|
| 1 | 0.045A | 0.227     | 53.919% | 0.027   |
|   | 5.035V | 0.421     |         | 230.24V |
| 2 | 0.090A | 0.453     | 63.893% | 0.044   |
|   | 5.034V | 0.709     |         | 230.25V |
| 3 | 0.550A | 2.764     | 75.705% | 0.181   |
|   | 5.025V | 3.651     |         | 230.25V |
| 4 | 1.000A | 5.016     | 77.719% | 0.248   |
|   | 5.016V | 6.454     |         | 230.25V |
| 5 | 1.500A | 7.508     | 78.429% | 0.288   |
|   | 5.005V | 9.573     |         | 230.25V |
| 6 | 3.000A | 14.923    | 77.813% | 0.343   |
|   | 4.974V | 19.178    |         | 230.25V |

## Supplementary Tests (For Reference)

10-110%☐

115V

| #   | 12V     | 5V      | 3.3V    | 5VSB   | DC/AC ( ) |         | (RPM) | (dB[A]) | ( / )   | PF/AC   |
|-----|---------|---------|---------|--------|-----------|---------|-------|---------|---------|---------|
| 1   | 1.752A  | 1.983A  | 1.959A  | 1.000A | 42.957    | 73.406% | 877   | 19.9    | 29.29°C | 0.971   |
|     | 12.189V | 5.041V  | 3.372V  | 5.001V | 58.520    |         |       |         | 32.49°C | 115.11V |
| 2   | 4.533A  | 2.979A  | 2.944A  | 1.203A | 86.017    | 80.627% | 889   | 20.2    | 29.40°C | 0.984   |
|     | 12.161V | 5.035V  | 3.361V  | 4.986V | 106.685   |         |       |         | 33.32°C | 115.11V |
| 3   | 7.667A  | 3.472A  | 3.444A  | 1.408A | 129.003   | 82.874% | 909   | 20.9    | 30.62°C | 0.990   |
|     | 12.124V | 5.041V  | 3.352V  | 4.973V | 155.662   |         |       |         | 34.96°C | 115.11V |
| 4   | 10.822A | 3.963A  | 3.949A  | 1.613A | 172.006   | 83.627% | 902   | 20.7    | 30.83°C | 0.990   |
|     | 12.087V | 5.047V  | 3.342V  | 4.961V | 205.683   |         |       |         | 35.78°C | 115.11V |
| 5   | 13.640A | 4.962A  | 4.953A  | 1.821A | 215.004   | 83.561% | 1147  | 28.5    | 31.39°C | 0.991   |
|     | 12.060V | 5.039V  | 3.331V  | 4.944V | 257.301   |         |       |         | 36.80°C | 115.11V |
| 6   | 16.472A | 5.960A  | 5.966A  | 2.000A | 257.855   | 83.080% | 1321  | 32.9    | 31.92°C | 0.993   |
|     | 12.032V | 5.034V  | 3.320V  | 4.927V | 310.368   |         |       |         | 37.81°C | 115.11V |
| 7   | 19.327A | 6.958A  | 6.985A  | 2.240A | 301.078   | 82.412% | 1486  | 36.2    | 32.10°C | 0.994   |
|     | 12.003V | 5.028V  | 3.308V  | 4.913V | 365.333   |         |       |         | 38.97°C | 115.11V |
| 8   | 22.185A | 7.967A  | 8.008A  | 2.451A | 344.075   | 81.560% | 1622  | 38.3    | 32.93°C | 0.995   |
|     | 11.975V | 5.022V  | 3.296V  | 4.898V | 421.868   |         |       |         | 40.70°C | 115.11V |
| 9   | 25.523A | 8.447A  | 8.519A  | 2.456A | 387.028   | 80.624% | 1795  | 41.3    | 33.50°C | 0.996   |
|     | 11.931V | 5.032V  | 3.287V  | 4.888V | 480.038   |         |       |         | 41.94°C | 115.11V |
| 10  | 28.601A | 8.931A  | 9.067A  | 3.086A | 429.833   | 79.469% | 1947  | 43.8    | 34.89°C | 0.996   |
|     | 11.892V | 5.039V  | 3.276V  | 4.862V | 540.881   |         |       |         | 44.10°C | 115.11V |
| 11  | 32.388A | 8.885A  | 9.090A  | 3.091A | 472.974   | 78.388% | 2041  | 44.7    | 36.37°C | 0.996   |
|     | 11.834V | 5.064V  | 3.267V  | 4.854V | 603.376   |         |       |         | 46.13°C | 115.10V |
| CL1 | 0.117A  | 14.004A | 13.998A | 0.001A | 112.504   | 74.748% | 1573  | 37.6    | 31.37°C | 0.990   |
|     | 12.538V | 4.614V  | 3.316V  | 4.963V | 150.512   |         |       |         | 36.75°C | 115.12V |

|     |         |        |        |        |         |         |      |      |         |         |
|-----|---------|--------|--------|--------|---------|---------|------|------|---------|---------|
| CL2 | 34.007A | 1.000A | 1.001A | 1.000A | 411.478 | 79.812% | 1847 | 41.8 | 34.70°C | 0.996   |
|     | 11.702V | 5.272V | 3.312V | 4.940V | 515.561 |         |      |      | 43.93°C | 115.11V |

The results above are not used in the certification process

## 230V

| #   | 12V     | 5V      | 3.3V    | 5VSB   | DC/AC ( ) |         | (RPM) | (dB[A]) | ( / )   | PF/AC   |
|-----|---------|---------|---------|--------|-----------|---------|-------|---------|---------|---------|
| 1   | 1.753A  | 1.985A  | 1.958A  | 1.000A | 42.969    | 74.906% | 871   | 19.6    | 29.01°C | 0.858   |
|     | 12.187V | 5.040V  | 3.371V  | 5.000V | 57.364    |         |       |         | 31.99°C | 230.26V |
| 2   | 4.534A  | 2.981A  | 2.944A  | 1.204A | 86.030    | 82.306% | 883   | 20.0    | 29.89°C | 0.930   |
|     | 12.160V | 5.033V  | 3.360V  | 4.984V | 104.524   |         |       |         | 33.37°C | 230.26V |
| 3   | 7.670A  | 3.473A  | 3.446A  | 1.408A | 129.034   | 84.741% | 902   | 20.7    | 30.28°C | 0.957   |
|     | 12.123V | 5.040V  | 3.351V  | 4.971V | 152.268   |         |       |         | 34.62°C | 230.26V |
| 4   | 10.825A | 3.965A  | 3.948A  | 1.613A | 172.033   | 85.632% | 946   | 22.3    | 30.72°C | 0.968   |
|     | 12.086V | 5.046V  | 3.342V  | 4.960V | 200.897   |         |       |         | 35.74°C | 230.26V |
| 5   | 13.643A | 4.963A  | 4.956A  | 1.821A | 215.029   | 85.665% | 1068  | 26.1    | 31.24°C | 0.976   |
|     | 12.059V | 5.038V  | 3.330V  | 4.943V | 251.011   |         |       |         | 36.83°C | 230.26V |
| 6   | 16.475A | 5.962A  | 5.966A  | 2.000A | 257.873   | 85.385% | 1274  | 31.6    | 31.86°C | 0.980   |
|     | 12.031V | 5.034V  | 3.319V  | 4.924V | 302.012   |         |       |         | 38.27°C | 230.26V |
| 7   | 19.327A | 6.965A  | 6.983A  | 2.240A | 301.101   | 84.911% | 1388  | 34.4    | 32.62°C | 0.984   |
|     | 12.003V | 5.027V  | 3.308V  | 4.913V | 354.608   |         |       |         | 39.80°C | 230.26V |
| 8   | 22.189A | 7.963A  | 8.010A  | 2.451A | 344.079   | 84.287% | 1430  | 35.0    | 32.86°C | 0.986   |
|     | 11.973V | 5.024V  | 3.296V  | 4.897V | 408.222   |         |       |         | 40.79°C | 230.25V |
| 9   | 25.524A | 8.447A  | 8.519A  | 2.456A | 387.039   | 83.664% | 1574  | 37.6    | 33.25°C | 0.987   |
|     | 11.931V | 5.032V  | 3.287V  | 4.888V | 462.610   |         |       |         | 41.90°C | 230.25V |
| 10  | 28.606A | 8.931A  | 9.067A  | 3.086A | 429.836   | 82.769% | 1803  | 41.4    | 34.57°C | 0.989   |
|     | 11.890V | 5.040V  | 3.275V  | 4.862V | 519.322   |         |       |         | 43.89°C | 230.25V |
| 11  | 32.380A | 8.889A  | 9.089A  | 3.091A | 473.008   | 81.979% | 1965  | 44.0    | 35.65°C | 0.990   |
|     | 11.838V | 5.061V  | 3.268V  | 4.854V | 576.985   |         |       |         | 45.51°C | 230.25V |
| CL1 | 0.103A  | 14.003A | 14.000A | 0.001A | 112.428   | 76.530% | 1504  | 36.7    | 31.87°C | 0.955   |
|     | 12.531V | 4.621V  | 3.316V  | 4.963V | 146.907   |         |       |         | 36.32°C | 230.25V |

|     |         |        |        |        |         |         |      |      |         |         |
|-----|---------|--------|--------|--------|---------|---------|------|------|---------|---------|
| CL2 | 33.971A | 1.001A | 1.001A | 1.000A | 411.456 | 82.924% | 1797 | 41.4 | 34.91°C | 0.988   |
|     | 11.714V | 5.259V | 3.313V | 4.940V | 496.185 |         |      |      | 43.69°C | 230.25V |

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 □ |
|-----|---------|--------|--------|--------|------------|---------|-----------|---------------|---------|
| 1   | 1.220A  | 0.492A | 0.486A | 0.199A | 19.984     | 63.331% | 811       | 17.2          | 0.940   |
|     | 12.162V | 5.085V | 3.382V | 5.026V | 31.555     |         |           |               | 115.10V |
| 2   | 2.440A  | 0.986A | 0.977A | 0.399A | 39.973     | 74.364% | 836       | 18.3          | 0.967   |
|     | 12.159V | 5.075V | 3.377V | 5.016V | 53.753     |         |           |               | 115.10V |
| 3   | 3.667A  | 1.479A | 1.469A | 0.599A | 60.005     | 78.537% | 851       | 18.9          | 0.977   |
|     | 12.151V | 5.067V | 3.372V | 5.009V | 76.403     |         |           |               | 115.10V |
| 4   | 4.889A  | 1.975A | 1.959A | 0.800A | 79.956     | 80.632% | 871       | 19.9          | 0.982   |
|     | 12.143V | 5.061V | 3.366V | 4.999V | 99.162     |         |           |               | 115.10V |

The results above are not used in the certification process

### 230V

| □ # | 12V     | 5V     | 3.3V   | 5VSB   | DC/AC (□ ) | □       | □□□ (RPM) | □□□□□ (dB[A]) | PF/AC □ |
|-----|---------|--------|--------|--------|------------|---------|-----------|---------------|---------|
| 1   | 1.221A  | 0.491A | 0.488A | 0.199A | 19.997     | 65.228% | 868       | 19.4          | 0.726   |
|     | 12.159V | 5.090V | 3.382V | 5.026V | 30.657     |         |           |               | 230.26V |
| 2   | 2.442A  | 0.985A | 0.978A | 0.399A | 39.988     | 76.003% | 866       | 19.4          | 0.845   |
|     | 12.157V | 5.074V | 3.376V | 5.015V | 52.614     |         |           |               | 230.26V |
| 3   | 3.669A  | 1.480A | 1.467A | 0.599A | 60.019     | 80.169% | 864       | 19.3          | 0.893   |
|     | 12.149V | 5.067V | 3.371V | 5.008V | 74.866     |         |           |               | 230.26V |
| 4   | 4.890A  | 1.977A | 1.962A | 0.800A | 79.969     | 82.410% | 869       | 19.5          | 0.924   |
|     | 12.140V | 5.060V | 3.365V | 4.998V | 97.038     |         |           |               | 230.26V |

The results above are not used in the certification process



### 115V

| Test       | 12V     | 5V      | 3.3V    | 5VSB    | Pass/Fail |
|------------|---------|---------|---------|---------|-----------|
| 10% Load   | 16.90mV | 34.80mV | 19.50mV | 12.20mV | Pass      |
| 20% Load   | 20.60mV | 33.40mV | 20.00mV | 12.60mV | Pass      |
| 30% Load   | 24.00mV | 33.60mV | 21.20mV | 14.30mV | Pass      |
| 40% Load   | 25.90mV | 32.00mV | 20.90mV | 17.30mV | Pass      |
| 50% Load   | 28.70mV | 33.70mV | 21.80mV | 20.10mV | Pass      |
| 60% Load   | 33.60mV | 36.20mV | 21.80mV | 20.50mV | Pass      |
| 70% Load   | 38.10mV | 38.60mV | 24.00mV | 25.50mV | Pass      |
| 80% Load   | 42.60mV | 38.70mV | 27.00mV | 30.10mV | Pass      |
| 90% Load   | 48.50mV | 36.80mV | 26.50mV | 29.70mV | Pass      |
| 100% Load  | 59.90mV | 39.70mV | 26.70mV | 27.70mV | Pass      |
| 110% Load  | 65.50mV | 38.50mV | 27.80mV | 28.30mV | Pass      |
| Crossload1 | 31.70mV | 59.90mV | 26.30mV | 14.40mV | Fail      |
| Crossload2 | 56.50mV | 16.20mV | 23.10mV | 19.90mV | Pass      |

The results above are not used in the certification process

### 230V

| Test     | 12V     | 5V      | 3.3V    | 5VSB    | Pass/Fail |
|----------|---------|---------|---------|---------|-----------|
| 10% Load | 16.80mV | 35.40mV | 18.60mV | 12.20mV | Pass      |
| 20% Load | 20.60mV | 34.00mV | 18.30mV | 12.90mV | Pass      |
| 30% Load | 23.30mV | 33.80mV | 19.20mV | 13.90mV | Pass      |
| 40% Load | 24.50mV | 32.90mV | 18.90mV | 16.20mV | Pass      |
| 50% Load | 29.50mV | 33.90mV | 19.20mV | 20.00mV | Pass      |
| 60% Load | 33.40mV | 37.30mV | 19.40mV | 20.90mV | Pass      |
| 70% Load | 38.40mV | 38.70mV | 20.40mV | 24.70mV | Pass      |
| 80% Load | 42.60mV | 39.20mV | 23.20mV | 29.40mV | Pass      |

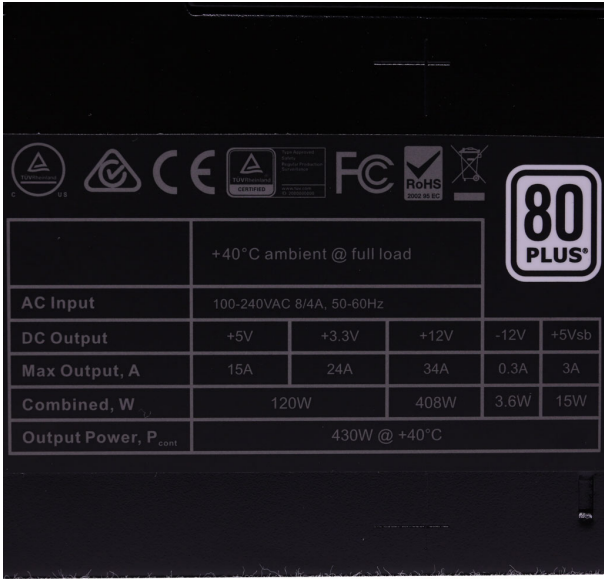
| Test       | 12V     | 5V      | 3.3V    | 5VSB    | Pass/Fail |
|------------|---------|---------|---------|---------|-----------|
| 90% Load   | 47.60mV | 37.40mV | 24.50mV | 30.50mV | Pass      |
| 100% Load  | 58.70mV | 40.70mV | 24.70mV | 27.60mV | Pass      |
| 110% Load  | 63.30mV | 37.40mV | 25.50mV | 28.50mV | Pass      |
| Crossload1 | 31.20mV | 63.10mV | 25.00mV | 14.20mV | Fail      |
| Crossload2 | 57.80mV | 16.70mV | 20.30mV | 19.60mV | Pass      |

The results above are not used in the certification process

EVGA 430W (#2)



Top side



Power specifications label

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