
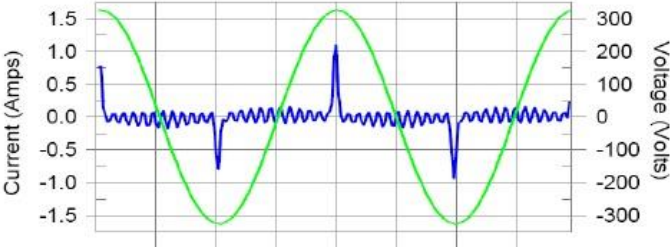
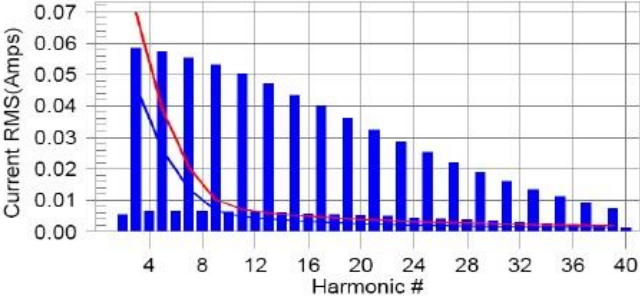


Ecodesign Directive 2009/125/EC

Information to be provided:

Lot 3: PC and Monitors

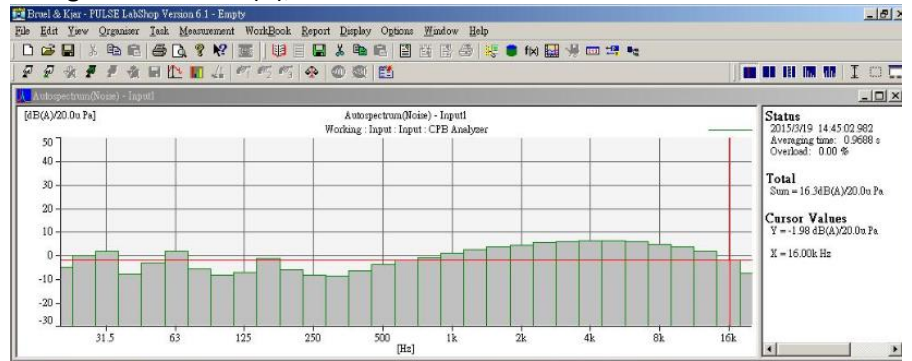
Since 01/07/2014 IGEL must provide the following information:

Section	Definition	Information provided
a)Product Type defined in Article 2	Article 2	Thin Client
b)Manufacturer's name and address		Clientron Corp. 3F.,NO. 75, SEC.1, Sintai 5th RD., Sijhieh Dist., New Tapei City 221, Taiwan
Registered Trade Mark		
IGEL Technology Contact		IGEL Technology GmbH, Hanna-Kunath-Str. 31 28199 Bremen, Germany
c)Product Model Number		H830C
d)Year of Manufacture		2011
e)Internal/External Power Supply Efficiency		87.77%
f)Test Parameters for Measurement: <ul style="list-style-type: none"> • Test voltage in V and frequency in Hz • Harmonic distortion • Information and documentation on the instrumentation, set-up and circuits used for electrical testing 	<p>AC 100V-240V ~ 50Hz-60Hz Base on EMC CE Report : BTL-EMC-1-1407200 <u>Current & voltage waveforms</u></p>  <p><u>Harmonics and Class D limit line</u> <u>European Limits</u></p>  <p><u>Test result: N/L Worst harmonic was #19 with 0.00% of the limit.</u></p> <p>Test Equipment : Chroma PROGRAMMABLE AC SOURCE : MODEL 6530 Chroma DIGITAL Power Meter MODEL : 66202 Chroma MEASUREMENT TEST FIXTURE MODEL : A662003</p>	

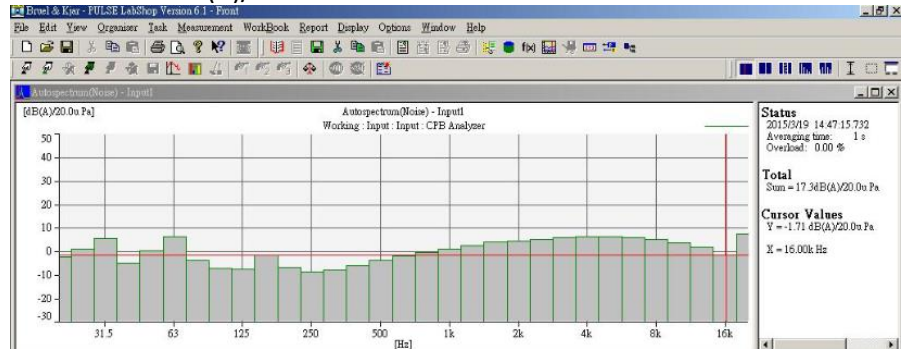
		<p>Test Method :</p> <p>1. Test Condition :</p> <p>WOL Function : Enabled OS : Windows Embedded 8.1 Industry Pro 32Bit Max Mode : Burn-In Test V8.0+USB 2.0 load (10Ω*4) +USB 3.0 load (5Ω*2) Idle Mode : Does not run any application software & windows(5 minutes) Sleep Mode : Suspend To RAM (Check Power & CPU Speed after S3) Power off : Shutdown (S5)</p> <p>2. Requirements Condition : Energy Star Efficiency Level 6.1 (2016) E_{TEC}=Category A : 36.00 (27.00) E_{TEC}=Category B : 48.00 (36.00) E_{TEC}=Category C : 80.50 (60.50)</p> <p>3. Requirements Condition : ErP (Eup) Sleep Mode \leq 0.5W Power Off : \leq 0.5W</p> <p>4. Environment : Temperature: 15°C ~ 35°C , Humidity: 25% ~ 75%</p> <p>Note : Category A : All notebook computers that do not meet the definition of Category B or Category C below will be considered under Category A for ENERGY STAR qualification. Category B : To qualify under Category B, notebooks <u>must</u> have: A Discrete GPU Category C : To qualify under Category C, notebooks must have: Greater than or equal to 2 Physical Cores; Greater than or equal to 2 gigabytes (GB) of System Memory; and A Discrete GPU with a Frame Buffer Width greater than 128-bit.</p>
g) Maxium Power [W]		100VAC/50Hz 37.335W 100VAC/60Hz 37.199W 115VAC/60Hz 37.029W 230VAC/50Hz 37.392W
h)Idle State [W]		100VAC/50Hz 6.1789W 100VAC/60Hz 6.1466W 115VAC/60Hz 6.1335W 230VAC/50Hz 6.1945W
i) Sleep Mode Power [W]		100VAC/50Hz 0.4613W 100VAC/60Hz 0.4636W 115VAC/60Hz 0.4663W 230VAC/50Hz 0.4926W
j) Off Mode Power [W]		100VAC/50Hz 0.3317W 100VAC/60Hz 0.3315W 115VAC/60Hz 0.3352W 230VAC/50Hz 0.3605W

k) Noise Levels

Background: 16.3dB(A)/20.0uPa



Maxium: 17.3dB(A)/20.0uPa



l) Measurement Methodology

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