Brand	ASUS	Logo
Company name	ASUSTeK COMPUTER INC.	
Contact information	greenasus@asus.com	
Internet site	http://www.asus.com	
Address	15, Li-Te Rd., Peitou, Taipei 112, Taiwan	
Issue date	1-Jul-14	

Model name	G50AB	Year of Manufacture	2014
Representative model	G50AB	Model family list	G50AB
Product type	Desktop Computer	Product Category	Category D
Graphics Type	Discrete	dGfx Category	G7
# of Additional dGfx	1	Add dGfx Category	G7
Memory (GB)	32	# of Storage	2
Discrete TV tuners	No	Discrete audio cards	No

Internal Power Supply					
Nameplate Power	700	W	Measured	Required	Result
Efficiency	At 20% of Rated Output		86.74%	82%	PASS
	At 50% of Rated Output		88.01%	85%	PASS
	At 100% of Rated Output		85.21%	82%	PASS
Power Factor			0.99	0.90	PASS
External Power Supply					
Nameplate Power	-	W	Measured	Required	Result
Average Efficiency			-	-	-

E_{TEC} value (kWh) and capability adjustments							
TEC_{BASE}	TEC_{MEMORY}	$TEC_{GRAPHIC}$	TEC_{dGfx_add}	$TEC_{STORAGE}$	TEC_{TV}	TEC_{AUDIO}	E_{TEC_MAX}
211	28	225	133	25	0	0	622

Power demand	WoL Disable			WoL Enable (if applicable)		
	Measured	Required	Result	Measured	Required	Result
P_{LOWEST}	0.23	0.50	PASS	-	-	-
P_{Off}	0.23	1.00	PASS	-	-	-
P_{Idle}	88.92	-	-	-	-	-
P_{Sleep}	3.26	5.00	PASS	-	-	-
E_{TEC}	314.10	622.00	PASS	-	-	-

The measurement methodology	ECMA-383, Measuring the Energy Consumption of Personal Computing Products
Test voltage in V and frequency in Hz	230V, 50Hz
Total harmonic distortion of the electricity supply syste	<2
The instrumentation, set-up and circuits used for electrical testing are accordance with ECMA-383	

· Power management is a process that allows displays and computers (CPU, hard drive, etc.) to enter low-power states when sitting idle.

· Inactive displays with enabled power management enter low-power modes by turning off monitor output, which can save $10 to $30(USD) per monitor annually

· The low power modes of inactive computers can involve reducing power consumption or spinning down the hard disk, which can save $15 to $45(USD) per desktop computer annually.

· The power management feature is enabled by default.

· The display is automatically set to sleep after 10 minutes of user inactivity.

· The computer is automatically set to sleep after 30 minutes of user inactivity.

· To wake your computer, click the mouse or press any key on the keyboard.

noise levels (the declared A-weighted sound power level)	43.52
the minimum number of loading cycles that the batteries can withstand	NA
the total content of mercury as X,X mg of integrated display	NA