Gateway Technical Bulletin

Power Consumption of Gateway Series

1. Power Dissipation

Table 1: Power Dissipation and Advertisement

ITEM	Product	Version	Power Adapter Model			
			Standby	**Operating**	**Max Power**	
			Power (W)	**Power (W)**	**3RENs Loaded**	**Power (W)**
1	GXW4004		3.60	6.10	Europe	6.21
					America	8.92
2	GXW4008		7.63	12.06	Europe	12.18
					America	17.72
3	GXW4024		20.40	24.30	Europe	23.99
					America	43.36

ITEM	Product	Version	Power Adapter Model		
			Standby	**Operating**	**Max Power**
			Power(W)	**Power(W)**	**Power(W)**
4	GXW4104		3.58	3.78	3.78
5	GXW4108		3.91	4.27	4.27

ITEM	Product	Version	Power Adapter Model			
			Standby	**Operating**	**Max Power**	
			Power(W)	**Power(W)**	**2RENs Loaded**	**Power(W)**
6	GXW4216		2.69	15.31	Europe	24.00
					America	26.40
7	GXW4224		4.00	22.58	Europe	36.79
					America	39.38
8	GXW4232		4.15	29.59	Europe	43.70
					America	46.02
9	GXW4248	V1.0A	5.20	9.00	Europe	45.50
					America	50.90

Note:

1) GXW4216/24/32/48 is running with IP call.

2) GXW4216/24/32 has a Fan (MAX current: 92mA); GXW4248 has two fans. Fan is off in the test.

2. Test Condition Terminology

The following test condition terminology is used in Table 1.

• Standby

— The device has completed the boot-up process.

— The SIP application is running PCMA codec with SRTP.

— No established call or incoming ring.

• Operating

— The device is setup as described in the Idle State.

— The maximum number of calls are established for each Unit Under Test (UUT).

— The Phone connected to UUT FXS port is working at Handfree mode and set to maximum volume.

— 1 Phone connected to GXW4248 FXS port is working at Handfree mode and set to maximum volume.

• **Max Power**

— 3RENs loaded on each FXS port of UUT and ring established for all GXW40XX.

— 2RENs loaded on each FXS port of UUT and ring established for all GXW42XX.

— 1REN loaded on each FXS port of UUT and ring established for all GXW4248.