



TEST OPERATION DIVISION

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TEST CERTIFICATE ADDITIONAL [Personal Computer]

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Report No.	60277(E)/47A
Operation No.	4702B6283
Name and address of customer	IT Center Co.,Ltd. 186 Moo 8 Tumbol Hnong-Pung Ampher Saraphi Chiangmai 50140 Tel: +66 2736 8412-3 Fax: +66 2370 2477
Sample description	PC Sigma Square Model: IT-Superb 1 unit with Monitor, Printer, mouse and keyboard
Sample No.	B6283
Sample characteristic and condition	Normal
Sample received date	February 13, 2004
Test date	March 22, 2004
Test standard	FCC Part 15 Class B
Reference to	Test report No. 60277(E)/47, dated March 4, 2004
Return to Test Operation Division	Test report No. 60277(E)/47, dated March 4, 2004 , page No. 2 - 5
Description	As the reference test report, cancel out and substitution with the new one as shown on the following pages.
Certified by	(Mr. Thossaphorn Udomsinsirikul) Assistance Manager, IT & Lighting Products EMC Test
	(Mr. Charan Khieodoknoi) Director
Test personnel : PP. (SBo., KP.)	

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TEST EQUIPMENTS

Radiated Disturbance Measurement			
Order	TEST ITEM	I.D number	Cal Due date
1	EMI Receiver, HP 8542E	EEI-EMC 1011	10-09-2004
2	Bilog Antenna, 2293	EEI-EMC 1008	28-11-2004
3	Horn Antenna, 3115	TISI.603/1-9	-
4	Cable Path, 10 m Chamber Path 10 m	-	-

Conducted Disturbance Measurement			
Order	TEST ITEM	I.D number	Cal Due date
1	EMI Receiver, HP8572A	EEI-EMC 1001	-
2	LISN #1, 3825 S/N 2682	EEI-EMC 1023	14-04-2004
3	LISN # 2, 3825 S/N 2664	EEI-EMC 1022	16-04-2004
4	Cable Path, Shielded Room	-	-

AUX EQUIPMENT

Order	ITEM	Number
1	Inkjet Printer , HP 640C	3892H381

TEST REQUIREMENT

EUT	TEST REQUIREMENTS	
	CE	RE
FCC Part 15 Class B	✓	✓

CE: Conducted disturbance measurement

RE: Radiated disturbance measurement

TEST RESULT CONCLUSION

TEST METHOD	TEST RESULT	
	CE	RE
FCC Part 15 Class B	P	P

Remark P: The test result complied with the limit specified in the test requirement

X: The test result didn't comply with the limit specified in the test requirement

N/A: No need to be tested



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EUT and TEST SET UP



Figure 1 Test set up for radiated disturbance measurement



Figure 2 Test set up for conducted disturbance measurement



สถาบันไฟฟ้าและอิเล็กทรอนิกส์
ELECTRICAL AND ELECTRONICS INSTITUTE

TEST OPERATION DIVISION

Report No. : 60277(E)/47A

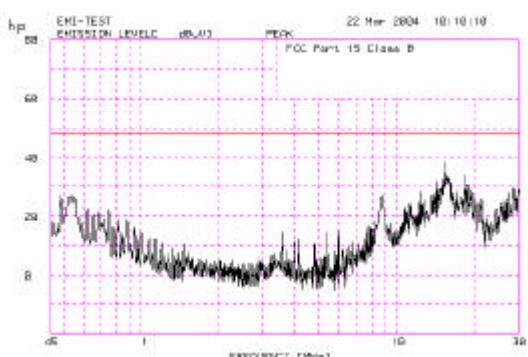
Operation No. : 4702B6283

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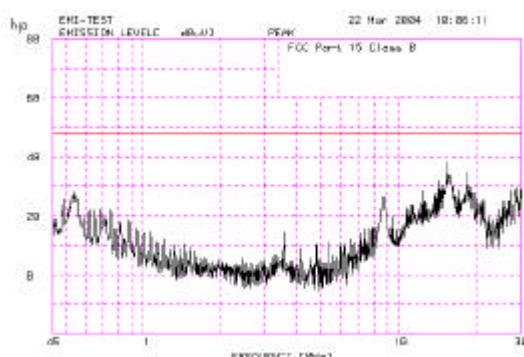
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1	RESULT	Conducted disturbance measurement		
	Test point	Main Terminal	Limit	FCC Part 15 Class B

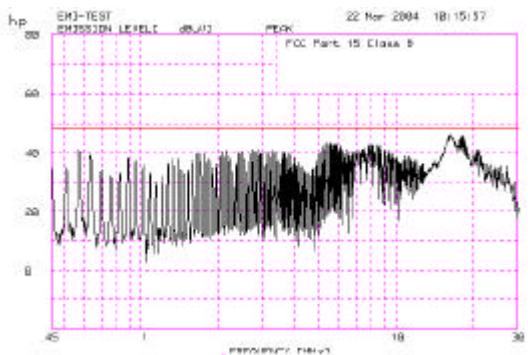
CPU V1



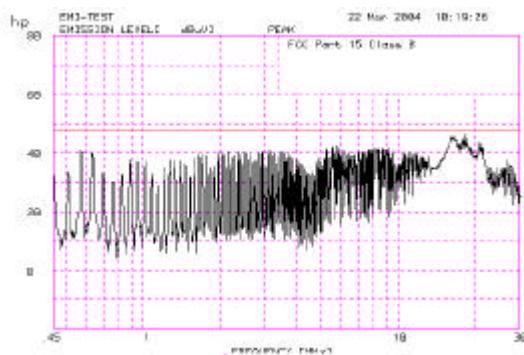
CPU V2



Monitor V1



Monitor V2



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Tested by Reported/certified by

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2	RESULT	Radiated disturbance measurement		
	Test point	ENCLOSURE	Limit	FCC Part 15 Class B

Measuring terminal	Frequency MHz	Result OP (dB _{ML})	Limit OP (dB _{ML})
VERTICAL	54.653	25.3	40.0
	77.810	28.4	40.0
	116.090	32.0	43.5
	122.940	29.7	43.5
	798.700	35.7	46.0
	864.153	37.0	46.0
HORIZONTAL	39.172	28.5	40.0
	77.828	33.7	40.0
	108.663	32.3	43.5
	665.843	32.7	46.0
	816.157	32.8	46.0
	1072.000	30.8	54.0
	1198.000	44.0	54.0

The test result complied with FCC Part 15 Class B limit (see test data in the paper attached in the back of this report <<Radiated Emission>>).