Test Report

Product Name : Microflex Slim/Mini DeskTop PC

Model No. : CIEOS-PIII; MILLENNIUM-PIII; MFII+-810e; MFIII+-810e

FCC ID.: O2PMILLENIUM-PIII

Applicant : TECHNICA HOUSE INCORPORATION

Address : 4F, No. 9, Lane 235, Pao Chiao Rd.,
Hsin Tien City, Taipei Hsien, Taiwan, R.O.C.

Date of Receipt : September 21, 2001

Date of Test : October 15, 2001

Report No. : 01CL107FI

Test Report Certification

Test Date : October 15, 2001
Report No. : 01CL107FI

Accredited by NIST (NVLAP)
NVLAP Lab Code: 200533-0

Product Name	:	Microflex Slim/Mini DeskTop PC
Applicant	:	TECHNICA HOUSE INCORPORATION
Address	:	4F, No. 9, Lane 235, Pao Chiao Rd., Hsin Tien City, Taipei Hsien, Taiwan, R.O.C
Manufacturer	:	TECHNICA HOUSE INCORPORATION
Model No.	:	CIEOS-PIII; MILLENNIUM-PIII; MFII+-810e; MFIII+-810e
FCC ID.	:	O2PMILLENIUM-PIII
Rated Voltage	:	AC 120V/60Hz
Trade Name	:	Microflex
Measurement Standard	:	CISPR 22:1997
Measurement Procedure	:	ANSI C63.4:1992
Classification	:	Class B
Test Result	:	Complied

The Test Results relate only to the samples tested.
The test report shall not be reproduced except in full without the written approval of QuieTek Corporation.
This report must not be used to claim product endorsement by NVLAP any agency of the U.S. Government

Documented By : (Chialin Chen)

Tested By : (Andy Yu)

Review By : (Murphy Wang)

Approved By : (Gene Chang)

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1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Microflex Slim/Mini DeskTop PC
Trade Name	Microflex
FCC ID.	O2PMILLENIUM-PIII
Model No.	CIEOS-PIII; MILLENNIUM-PIII; MFII+-810e; MFIII+-810e
EUT Voltage	AC 120V/60Hz
CPU	Inter PIII 1GHz / clock:133MHz
Case (Mode 1)	33cm(L) x 32cm (W) x 8cm (H)
Case (Mode 2)	33cm(L) x 32cm (W) x 11cm (H)
Mother Board	Microflex, MF-810A
H.D.D.	SAMSUNG, SV2044D
CD-ROM (Mode 1)	MATSUSHITA, UJDA1501
CD-ROM (Mode 2)	Delta, OIP-CD4800C, 48X
F.D.D.(Mode 1)	Y-E DATA, 720D-6637D
F.D.D.(Mode 2)	MITSUMI, D353DM
VGA Card	On Board
Sound Card	On Board
PCI Extension Board (Mode 1)	Microflex, MF-2DS
PCI Extension Board (Mode 2)	Microflex, 123-012B
RAM	SYNNEX, DT13364MB-T01179 (SDRAM, 64MB*1)
LAN Card	D-Link, On Board
S.P.S.	CWT, CWT-235ATX-A
Power Cord	Non-Shielded, 1.8m

Note:

1. The EUT is a Microflex Slim/Mini DeskTop PC, which can support Intel PIII CPU (1GHz / clock: 133MHz).
2. The EUT with two RS232 ports, one Game port, two PS/2 ports, one Printer port, one VGA port, one LAN port, four USB ports, one Line-in port, two Line-out ports, two Microphone ports.
3. The EUT have four models number, the models: CIEOS-PIII; MILLENNIUM-PIII is the same to the MFII+-810e for marking requirement, the difference between MFII+-810e; MFIII+-810e as below:
   - ✧ Case's size
   - ✧ CD-ROM
   - ✧ PCI Extension Board
   - ✧ F.D.D.
4. QuieTek has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Conducted Test	Mode 1: CIEOS-PIII; MILLENNIUM-PIII; MFII+-810e(1600*1200/75Hz)
	Mode 2: MFIII+-810e(1600*1200/75Hz)
Radiated Test	Mode 1: CIEOS-PIII; MILLENNIUM-PIII; MFII+-810e(1600*1200/75Hz)
	Mode 2: MFIII+-810e(1600*1200/75Hz)

1.2. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Mode 1

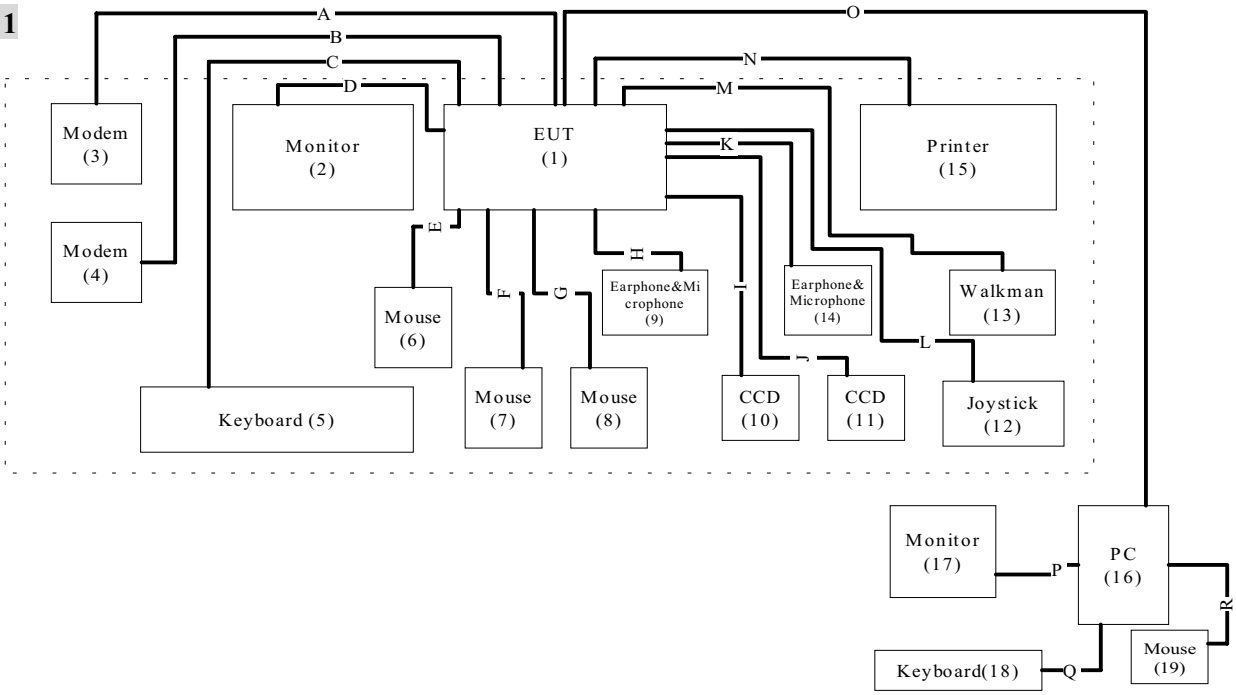
Product		Manufacturer	Model No.	Serial No.
1.	PC (EUT)	Microflex	CIEOS-PIII; MILLENNIUM-PIII; MFII+-810e	
2.	Monitor	ADI	CM703	038054T10203891A
3.	Modem	ACEEX	DM-1414	0102027550
4.	Modem	ACEEX	DM-1414	0102027549
5.	Keyboard	HP	SK-2506	C00083358
6.	Mouse	HITACHI	PC-KM1300	N/A
7.	USB Mouse	Logitech	M-BE58	LZE11405342
8.	USB Mouse	Logitech	M-BE58	LZE11405150
9.	Microphone & Earphone	TOKTO	SX-MI	N/A
10.	CCD	Logitech	V-UB2	LZA04656864
11.	CCD	Logitech	V-UB2	LZA04656855
12.	Joystick	GENIUS	MAXFIRE FORCE G-09D	CJ0100200582
13.	Walkman	AIWA	HS-TA164	N/A
14.	Microphone & Earphone	TOKTO	SX-MI	N/A
15.	Printer	EPSON	Color 680	015999
16.	PC	IBM	2187-16W	BNL676C
17.	Monitor	ADI	CM703	038054T10203881A
18.	Keyboard	HP	SK-2506	C00083358
19.	Mouse	HITACHI	PC-KM1300	N/A

Mode 2

Product		Manufacturer	Model No.	Serial No.
1.	PC (EUT)	Microflex	MFIII+-810e	
2.	Monitor	ADI	CM703	038054T10203891A
3.	Modem	ACEEX	DM-1414	0102027550
4.	Modem	ACEEX	DM-1414	0102027549
5.	Keyboard	HP	SK-2506	C00083358
6.	Microphone & Earphone	TOKTO	SX-MI	N/A
7.	Mouse	HITACHI	PC-KM1300	N/A
8.	Earphone	PRO.2	PH-124	N/A
9.	CCD	Logitech	V-UB2	LZA04656864
10.	CCD	Logitech	V-UB2	LZA04656855
11.	Joystick	GENIUS	MAXFIRE FORCE G-09D	CJ0100200582
12.	Walkman	AIWA	HS-TA164	N/A
13.	Printer	EPSON	Color 680	015999
14.	PC	IBM	2187-16W	BNL676C
15.	Monitor	ADI	CM703	038054T10203881A
16.	Keyboard	HP	SK-2506	C00083358
17.	Mouse	HITACHI	PC-KM1300	N/A

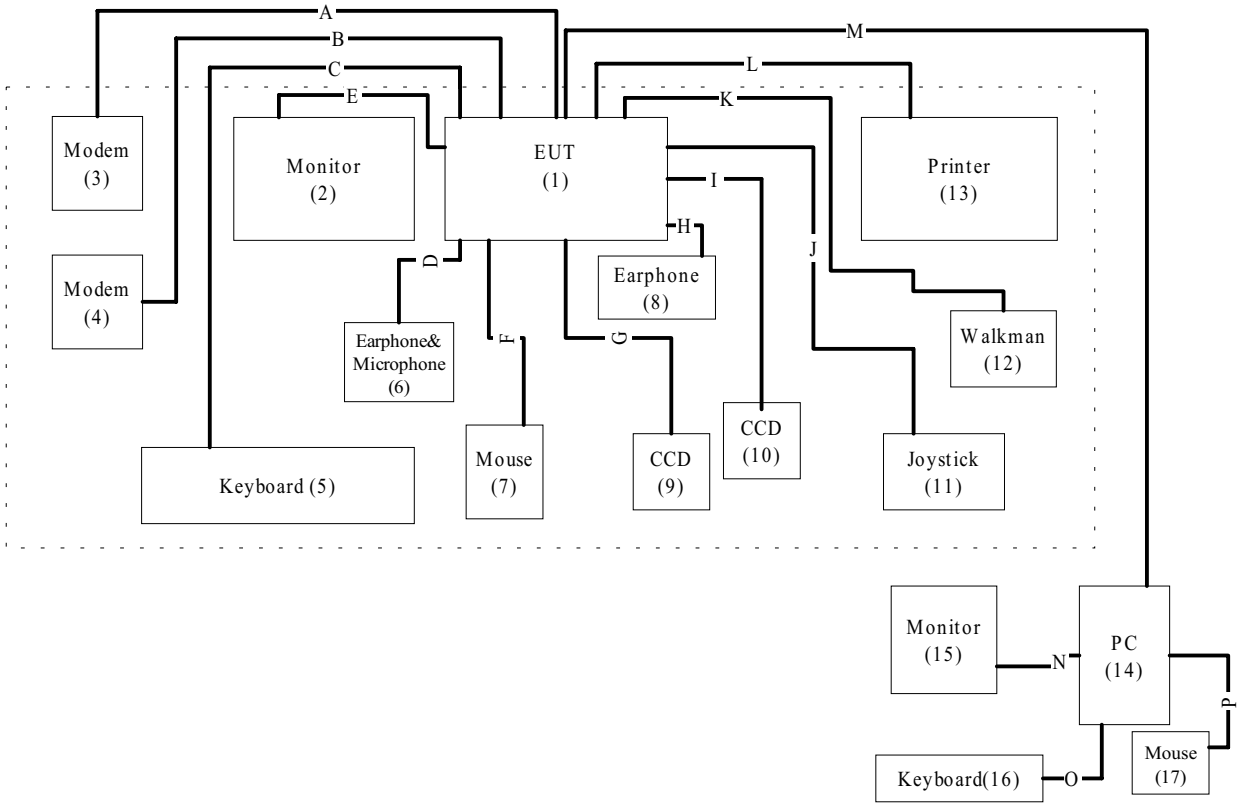
1.3. Configuration of tested System

Mode 1



Signal Cable Type		Signal cable Description
A.	Modem cable	Shielded, 1.2m
B.	Modem cable	Shielded, 1.2m
C.	Keyboard cable	Shielded, 1.8m
D.	Monitor cable	Shielded, 1.8m with core
E.	Mouse cable	Shielded, 1.2m
F.	Mouse cable	Shielded, 1.8m
G.	Mouse cable	Shielded, 1.8m
H.	Earphone & Microphone cable	Non-Shielded, 1.8m
I.	CCD cable	Shielded, 1.6m with core
J.	CCD cable	Shielded, 1.6m with core
K.	Earphone & Microphone cable	Non-Shielded, 1.8m
L.	Joystick cable	Shielded, 1.5m
M.	Walkman cable	Non-Shielded, 1.5m
N.	Printer cable	Shielded, 1.2m
O.	LAN cable	Non-Shielded, 3m
P.	Monitor cable	Shielded, 1.8m with core
Q.	Keyboard cable	Shielded, 1.8m
R.	Mouse cable	Shielded, 1.2m

Mode 2



Signal Cable Type		Signal cable Description
A.	Modem cable	Shielded, 1.2m
B.	Modem cable	Shielded, 1.2m
C.	Keyboard cable	Shielded, 1.8m
D.	Earphone & Microphone cable	Non-Shielded, 1.8m
E.	Monitor cable	Shielded, 1.8m with core
F.	Mouse cable	Shielded, 1.2m
G.	CCD cable	Shielded, 1.8m core
H.	Earphone cable	Non-Shielded, 1.6m
I.	CCD cable	Shielded, 1.8m
J.	Joystick cable	Shielded, 1.5m
K.	Walkman cable	Non-Shielded, 1.5m
L.	Printer cable	Shielded, 1.2m
M.	LAN cable	Non-Shielded, 3m
N.	Monitor cable	Shielded, 1.8m with core
O.	Keyboard cable	Shielded, 1.8m
P.	Mouse cable	Shielded, 1.2m

1.4. EUT Exercise Software

(1) Setup the EUT and simulators as shown on 1.3.

(2) Turn on the power of all equipment.

(3) Run Windows、“EMI”、“EMC”、“Audio” test program..

(4) EUT will sends “H” pattern to monitor, the monitor will show “H” pattern on the screen.

(5) EUT sends “H” pattern to printer, the printer will print “H” pattern on paper.

(6) EUT reads and writes data into and from modem.

(7) EUT will read data from floppy disk and then writes the data into floppy disk, same operation for hard disk.

(8) EUT Connect another simulation PC through LAN port and carry out Read/Write work each other.

(9) Repeat the above procedure (3) to (9)..

1.5. Test Facility

Ambient conditions in the laboratory:

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	20-35
Humidity (%RH)	25-75	50-65
Barometric pressure (mbar)	860-1060	950-1000

Site Description: May 15, 2001 File on
Federal Communications Commission
FCC Engineering Laboratory
7435 Oakland Mills Road
Columbia, MD 21046
Reference 31040/SIT1300F2

June 29, 2001 Accreditation on NVLAP
NVLAP Lab Code: 200533-0

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Site Address: N0.5-22, Ruei-Shu Valley, Ruei-Ping Tsuen
Lin Kou Shiang, Taipei 244
Taiwan, R.O.C.
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2. Conducted Emission

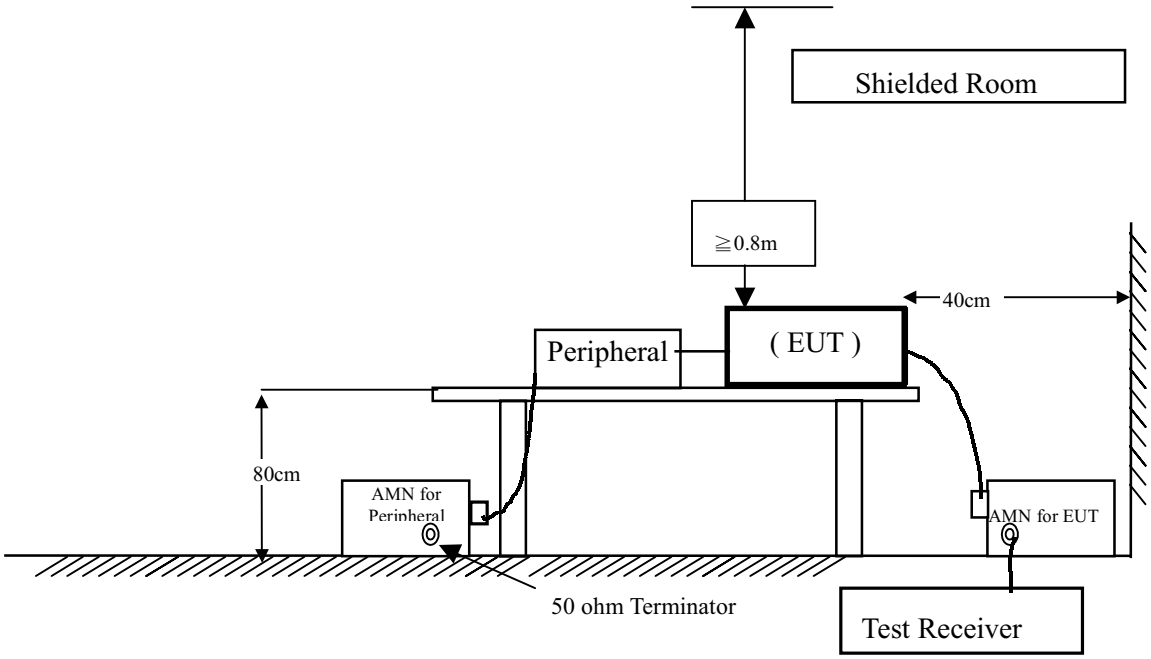
2.1. Test Equipment List

The following test equipment are used during the conducted emission test:

Item	Instrument	Manufacturer	Type No./Serial No	Last Cal..	Remark
1	Test Receiver	R & S	ESCS 30/838251/0001	May, 2001	
2	L.I.S.N.	R & S	ESH3-Z5/836679/0023	May, 2001	EUT
3	L.I.S.N.	R & S	ENV 4200/833209/0023	May, 2001	Peripherals
4	Pulse Limiter	R & S	ESH3-Z2	May, 2001	
5	No.4 Shielded Room			N/A	

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

2.2. Test Setup



2.3. Limits

CISPR 22 Limits (dBuV)				
Frequency MHz	Class A		Class B	
	QP	AV	QP	AV
0.15 - 0.50	79	66	66-56	56-46
0.50-5.0	73	60	56	46
5.0 - 30	73	60	60	50

Remarks : In the above table, the tighter limit applies at the band edges.

2.4. Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)
Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4:1992 on conducted measurement.
Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

2.5. Test Result

The emission from the EUT was below the specified limits. The worst-case emissions are shown in section 5. The acceptance criterion was met and the EUT passed the test.

3. Radiated Emission

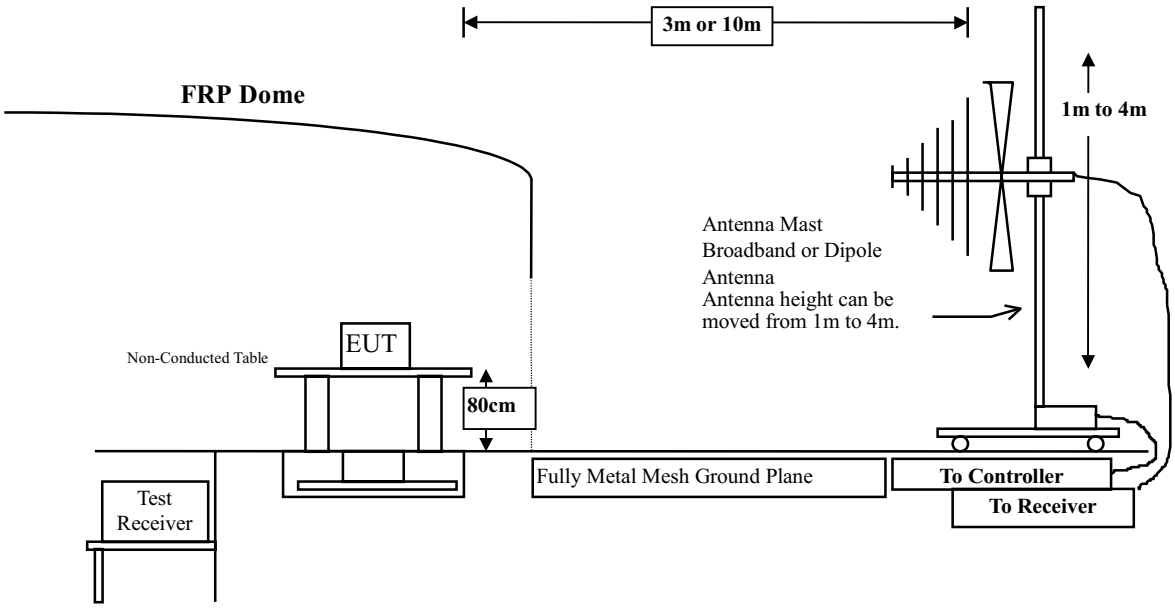
3.1. Test Equipment

The following test equipment are used during the radiated emission test:

Test Site		Equipment	Manufacturer	Model No./Serial No.	Last Cal.
☐Site # 1	X	Test Receiver	R & S	ESVS 10 / 834468/003	July, 2001
	X	Spectrum Analyzer	Advantest	R3162/ 00803480	May, 2001
	X	Pre-Amplifier	Advantest	BB525C/ 3307A01812	May, 2001
	X	Bilog Antenna	SCHAFFNER	CBL6112B / 2697	Nov., 2001
☒Site # 2	X	Test Receiver	R & S	ESCS 30 / 836858/022	Nov., 2001
	X	Spectrum Analyzer	Advantest	3162 / 100803466	May, 2001
	X	Pre-Amplifier	Advantest	BB525C/3307A01814	May, 2001
	X	Bilog Antenna	SCHAFFNER	CBL6112B / 2705	Oct., 2001
	X	Horn Antenna	ETS	3115 / 0005-6160	July, 2001
	X	Pre-Amplifier	QTK	QTK-AMP-01/ 0001	July, 2001

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.
2. Mark "X" test instruments are used to measure the final test results.

3.2. Test Setup



3.3. Limits

CISPR 22 Limits (dBuV/m)				
Frequency MHz	Class A		Class B	
	Distance (m)	dBuV/m	Distance (m)	dBuV/m
30 – 230	10	40	10	30
230 – 1000	10	47	10	37

Remark: 1. The tighter limit shall apply at the edge between two frequency bands.

2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
3. RF Line Voltage (dBuV/m) = 20 log RF Line Voltage (uV/m)

3.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 10 meters.
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4:1992 on radiated measurement.
Radiated emissions were invested over the frequency range from 30MHz to1GHz using a receiver bandwidth of 120kHz. Radiated was performed at an antenna to EUT distance of 10 meters.

3.5. Test Result

The emission from the EUT was below the specified limits. The worst-case emissions are shown in section 5. The acceptance criterion was met and the EUT passed the test.

4. EMI Reduction Method During Compliance Testing

No modification was made during testing.

5. Summary of Test Data

The test data in the emission was performed according to the requirements of measurement standard and process. Quietek Corporation is assumed full responsibility for the accuracy and completeness of these measurements. The test data of the emission is listed as below.

All the tests were carried out with the EUT in normal operation, which was defined as:

Test Mode:

Conducted Test	Mode 1: CIEOS-PIII; MILLENNIUM-PIII; MFII+-810e(1600*1200/75Hz)
	Mode 2: MFIII+-810e(1600*1200/75Hz)
Radiated Test	Mode 1: CIEOS-PIII; MILLENNIUM-PIII; MFII+-810e(1600*1200/75Hz)
	Mode 2: MFIII+-810e(1600*1200/75Hz)

5.1. Test Data of Conducted Emission

Product : Microflex Slim/Mini DeskTop PC
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 1: CIEOS-PIII; MILLENNIUM-PIII; MFII+-810e(1600*1200/75Hz)

	Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level dBuV	Emission Level dBuV	Limits dBuV
Quasi-Peak						
	0.201	0.21	0.10	34.02	34.33	63.58
	0.318	0.21	0.10	39.36	39.67	59.76
*	0.420	0.21	0.10	39.82	40.13	57.46
	1.052	0.16	0.10	37.02	37.29	56.00
	9.244	0.33	0.20	29.53	30.05	60.00
	18.810	0.34	0.43	35.53	36.30	60.00
Average						
	--					

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + LISN Factor + Cable loss.
4. "--", means the average measurement was not performed when the Quasi-Peak measured data under the limit of average detection.

Product : Microflex Slim/Mini DeskTop PC
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 1: CIEOS-PIII; MILLENNIUM-PIII; MFII+-810e(1600*1200/75Hz)

	Frequency	Cable Loss	LISN Factor	Reading Level	Emission Level	Limits
	MHz	dB	dB	dBuV	dBuV	dBuV
Quasi-Peak						
	0.193	0.21	0.10	35.95	36.26	63.91
	0.322	0.21	0.10	38.22	38.53	59.66
	0.427	0.21	0.10	39.68	39.99	57.30
	0.525	0.21	0.10	39.64	39.95	56.00
*	1.046	0.16	0.10	39.86	40.13	56.00
	5.173	0.29	0.17	33.26	33.72	60.00
Average						
	--					

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + LISN Factor + Cable loss.
4. "--", means the average measurement was not performed when the Quasi-Peak measured data under the limit of average detection.

Product : Microflex Slim/Mini DeskTop PC
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 2: MFIII+-810e(1600*1200/75Hz)

	Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level dBuV	Emission Level dBuV	Limits dBuV
Quasi-Peak						
	0.185	0.21	0.10	39.15	39.46	64.25
	0.306	0.21	0.10	35.69	36.00	60.07
	0.416	0.21	0.10	34.89	35.20	57.54
	1.123	0.16	0.11	37.40	37.67	56.00
*	1.650	0.09	0.12	38.10	38.31	56.00
	6.283	0.28	0.18	36.85	37.31	60.00
Average						
	--					

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + LISN Factor + Cable loss.
4. "--", means the average measurement was not performed when the Quasi-Peak measured data under the limit of average detection.

Product : Microflex Slim/Mini DeskTop PC
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 2: MFIII+-810e(1600*1200/75Hz)

	Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level dBuV	Emission Level dBuV	Limits dBuV
Quasi-Peak						
	0.201	0.21	0.10	42.23	42.54	63.58
	0.396	0.21	0.10	39.09	39.40	57.93
*	0.923	0.16	0.10	43.14	43.40	56.00
	1.650	0.09	0.12	41.03	41.24	56.00
	7.002	0.33	0.18	40.88	41.39	60.00
	10.005	0.23	0.20	28.94	29.37	60.00
Average						
	--					

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + LISN Factor + Cable loss.
4. "--", means the average measurement was not performed when the Quasi-Peak measured data under the limit of average detection.

5.2. Test Result of Radiated Emission

Product : Microflex Slim/Mini DeskTop PC
Test Item : Radiated Emission
Test Site : No.2 OATS
Polarization : Horizontal
Test Mode : Mode 1: CIEOS-PIII; MILLENNIUM-PIII; MFII+-810e(1600*1200/75Hz)

	Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal								
	66.650	1.06	5.96	0.00	9.64	16.66	13.34	30.00
	67.750	1.07	5.99	0.00	6.46	13.52	16.48	30.00
	76.525	1.11	7.32	0.00	8.86	17.28	12.72	30.00
	133.325	1.40	11.49	0.00	8.79	21.68	8.32	30.00
*	167.425	1.57	9.09	0.00	18.10	28.76	1.24	30.00
	200.900	1.74	8.40	0.00	12.04	22.18	7.82	30.00
	233.475	1.92	9.71	0.00	18.64	30.27	6.73	37.00
	243.200	1.97	10.82	0.00	9.38	22.17	14.83	37.00
	401.525	2.79	14.76	0.00	0.51	18.06	18.94	37.00
	547.200	3.53	18.53	0.00	5.41	27.47	9.53	37.00
	803.600	4.86	19.31	0.00	2.34	26.51	10.49	37.00
Peak								
	1202.500	2.74	24.79	18.03	27.65	37.15	36.85	74.00
	1312.500	2.88	25.03	18.05	25.85	35.72	38.28	74.00
	1404.500	2.99	25.28	18.06	27.68	37.89	36.11	74.00
Average								
	--							

Note:

1. All Reading Levels below 1GHz are Quasi-Peak, above are peak and average value.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable loss – Preamp.
4. "--", means the average measurement was not performed when the Quasi-Peak measured data under the limit of average detection.

Product : Microflex Slim/Mini DeskTop PC
Test Item : Radiated Emission
Test Site : No.2 OATS
Polarization : Vertical
Test Mode : Mode 1: CIEOS-PIII; MILLENNIUM-PIII; MFII+-810e(1600*1200/75Hz)

	Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
Vertical								
	48.000	0.96	7.00	0.00	9.84	17.81	12.19	30.00
	66.925	1.06	5.96	0.00	13.87	20.88	9.12	30.00
	135.175	1.41	10.59	0.00	15.75	27.76	2.24	30.00
*	167.420	1.57	8.47	0.00	18.82	28.86	1.14	30.00
	200.900	1.74	8.30	0.00	10.01	20.05	9.95	30.00
	233.475	1.92	10.01	0.00	16.75	28.68	8.32	37.00
	243.200	1.97	11.08	0.00	11.97	25.02	11.98	37.00
	502.000	3.30	16.26	0.00	1.43	20.99	16.01	37.00
	702.500	4.33	18.32	0.00	0.85	23.50	13.50	37.00
Peak								
	1201.500	2.74	24.79	18.03	32.11	41.61	32.39	74.00
	1303.500	2.86	25.03	18.05	37.50	47.35	26.65	74.00
	1403.500	2.99	25.28	18.06	32.25	42.46	31.54	74.00
Average								
	--							

Note:

1. All Reading Levels below 1GHz are Quasi-Peak, above are peak and average value.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable loss – Preamp.
4. "--", means the average measurement was not performed when the Peak measured data under the limit of average detection.

Product : Microflex Slim/Mini DeskTop PC
Test Item : Radiated Emission
Test Site : No.2 OATS
Polarization : Horizontal
Test Mode : Mode 2: MFIII+-810e(1600*1200/75Hz)

	Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Emission Level	Margin	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal								
	48.000	0.96	8.36	0.00	12.32	21.64	8.36	30.00
	60.000	1.03	5.42	0.00	8.53	14.98	15.02	30.00
	72.000	1.08	6.64	0.00	9.35	17.08	12.92	30.00
	133.825	1.40	11.39	0.00	8.29	21.08	8.92	30.00
*	167.455	1.57	9.09	0.00	15.80	26.46	3.54	30.00
	184.325	1.67	8.02	0.00	14.73	24.42	5.58	30.00
	199.900	1.74	8.40	0.00	15.19	25.33	4.67	30.00
	208.900	1.78	8.46	0.00	14.24	24.48	5.52	30.00
	233.475	1.92	9.71	0.00	16.01	27.64	9.36	37.00
	259.575	2.05	12.82	0.00	14.24	29.11	7.89	37.00
	276.500	2.14	11.91	0.00	12.26	26.32	10.68	37.00
	300.700	2.26	12.46	0.00	9.77	24.49	12.51	37.00
	401.850	2.79	14.76	0.00	5.66	23.21	13.79	37.00
	499.600	3.30	16.34	0.00	1.92	21.55	15.45	37.00
	933.725	5.52	20.13	0.00	0.55	26.20	10.80	37.00
	999.990	5.87	20.89	0.00	1.19	27.95	9.05	37.00
Peak								
	1005.000	2.51	24.30	18.00	38.65	47.45	26.55	74.00
	1101.000	2.63	24.54	18.02	40.84	49.99	24.01	74.00
	1201.000	2.74	24.79	18.03	35.02	44.52	29.48	74.00
	1402.000	2.99	25.28	18.06	31.53	41.74	32.26	74.00
	1766.000	3.31	26.81	18.11	32.90	44.91	29.09	74.00
	2005.000	3.50	27.90	18.14	32.88	46.14	27.86	74.00
Average								
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Note:

1. All Reading Levels below 1GHz are Quasi-Peak, above are peak and average value.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable loss – Preamp.
4. "--", means the average measurement was not performed when the Peak measured data under the limit of average detection.

Product : Microflex Slim/Mini DeskTop PC
Test Item : Radiated Emission
Test Site : No.2 OATS
Polarization : Vertical
Test Mode : Mode 2: MFIII+-810e(1600*1200/75Hz)

	Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
Vertical								
	48.000	0.96	7.00	0.00	12.26	20.23	9.77	30.00
	60.000	1.03	5.15	0.00	9.82	15.99	14.01	30.00
	110.625	1.28	11.12	0.00	9.82	22.22	7.78	30.00
	133.425	1.40	10.49	0.00	10.08	21.97	8.03	30.00
*	166.592	1.57	8.47	0.00	18.10	28.14	1.86	30.00
	200.950	1.74	8.30	0.00	14.22	24.26	5.74	30.00
	208.900	1.78	8.72	0.00	15.66	26.16	3.84	30.00
	233.475	1.92	10.01	0.00	14.13	26.06	10.94	37.00
	300.700	2.26	12.06	0.00	13.11	27.43	9.57	37.00
	336.000	2.45	12.63	0.00	7.89	22.97	14.03	37.00
	402.000	2.79	16.47	0.00	4.42	23.68	13.32	37.00
	500.000	3.30	16.34	0.00	1.93	21.56	15.44	37.00
	547.200	3.53	18.72	0.00	4.29	26.55	10.45	37.00
	799.600	4.83	19.34	0.00	1.22	25.39	11.61	37.00
	903.600	5.38	21.01	0.00	0.86	27.25	9.75	37.00
Peak								
	1002.500	2.50	24.30	18.00	38.98	47.78	26.22	74.00
	1099.500	2.62	24.54	18.02	40.84	49.98	24.02	74.00
	1598.000	3.18	25.99	18.09	32.77	43.86	30.14	74.00
	1764.000	3.31	26.81	18.11	32.50	44.51	29.49	74.00
	2008.000	3.51	27.90	18.14	32.77	46.03	27.97	74.00
Average								
	--							

Note:

1. All Reading Levels below 1GHz are Quasi-Peak, above are peak and average value.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable loss – Preamp.
4. "--", means the average measurement was not performed when the Peak measured data under the limit of average detection.

Attachment 1 : EUT Test Photographs

Attachment 1 : EUT Test Photographs11

This report is only for color ray in NVD

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LAdPe port is only for color ray in NV

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Thi s r e pot i mf AnpAron c ol r ay i no NV

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Thi s r e pot i mf AnpAron col r ay i no gV

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LAdP e pot i mf AnpAron col r ay i no gV

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Thi s r e pot i mUp S ThoGbos dv f AnpAron c ol r ay i no NV

Thi s r e pot i mUp S ThoGbos dv f AnpAron c ol r ay i no gV

Attachment 2 : EUT Detailed Photographs