



Test Report

Product Name : Digital Still Camera

Model No. : DSC-S45

FCC ID. : TVRDSCS45

Applicant : PREMIER IMAGE TECHNOLOGY CORPORATION

Address : 5F, No.9, LI-SHIN RD. V, SCIENCE-BASED
INDUSTRIAL PARK, HSINCHU, TAIWAN, R.O.C.

Date of Receipt : 2005/12/20

Issued Date : 2006/02/16

Report No. : 05CH066F

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.

Test Report Certification

Issued Date : 2006/02/16

Report No. : 05CH066F



Product Name : Digital Still Camera
 Applicant : PREMIER IMAGE TECHNOLOGY CORPORATION
 Address : 5F, No.9, LI-SHIN RD. V, SCIENCE-BASED INDUSTRIAL
 PARK, HSINCHU, TAIWAN, R.O.C.
 Manufacturer : PREMIER IMAGE TECHNOLOGY CORPORATION
 Model No. : DSC-S45
 FCC ID. : TVRDSCS45
 Rated Voltage : AC 120 V / 60 Hz
 EUT Voltage : AC 120 V / 60 Hz
 Trade Name : SONY
 Applicable Standard : FCC CFR Title 47 Part 15 Subpart B: 2005 Class B,
 CISPR 22: 2005
 Classification : B
 Test Result : Complied



The test results relate only to the samples tested.

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This report must not be used to claim product endorsement by NVLAP any agency of the U.S. Government

Documented By : Carol Tsai

(Carol Tsai)

Tested By : sean liu

(Sean Liu)

Approved By : Bob Fang

(Bob Fang)

TABLE OF CONTENTS

Description	Page
1. General Information	4
1.1. EUT Description	4
1.2. Test Mode	5
1.3. Tested System Details	6
1.4. Configuration of tested System	7
1.5. EUT Exercise Software	8
1.6. Test Facility	9
2. Conducted Emission.....	10
2.1. Test Equipment.....	10
2.2. Test Setup	10
2.3. Limits	11
2.4. Test Procedure	11
2.5. Uncertainty	11
2.6. Test Specification.....	11
2.7. Test Result.....	12
2.8. Test Photo	18
3. Radiated Emission	21
3.1. Test Equipment.....	21
3.2. Test Setup	21
3.3. Limits	22
3.4. Test Procedure	23
3.5. Uncertainty	23
3.6. Test Specification.....	23
3.7. Test Result.....	24
3.8. Test Photo	30
Attachement.....	35
EUT Photograph.....	35

1. General Information

1.1. EUT Description

Product Name	Digital Still Camera
Trade Name	SONY
Model No.	DSC-S45
Max Resolution	5.1Mega Pixels

Component	
USB Cable	Shielded, 1.5m, one ferrite core bonded.
AV Cable	Non-Shielded, 1.5m, one ferrite core bonded.
Battery Cable	Non-Shielded, 0.15m
Power Adapter	SONY, AC-LS5 Cable Out: Non-Shielded, 1.5m Power Cord: Non-Shielded, 1.5m

Note:

1. This EUT is a Digital Still Camera.

1.2. Test Mode

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:

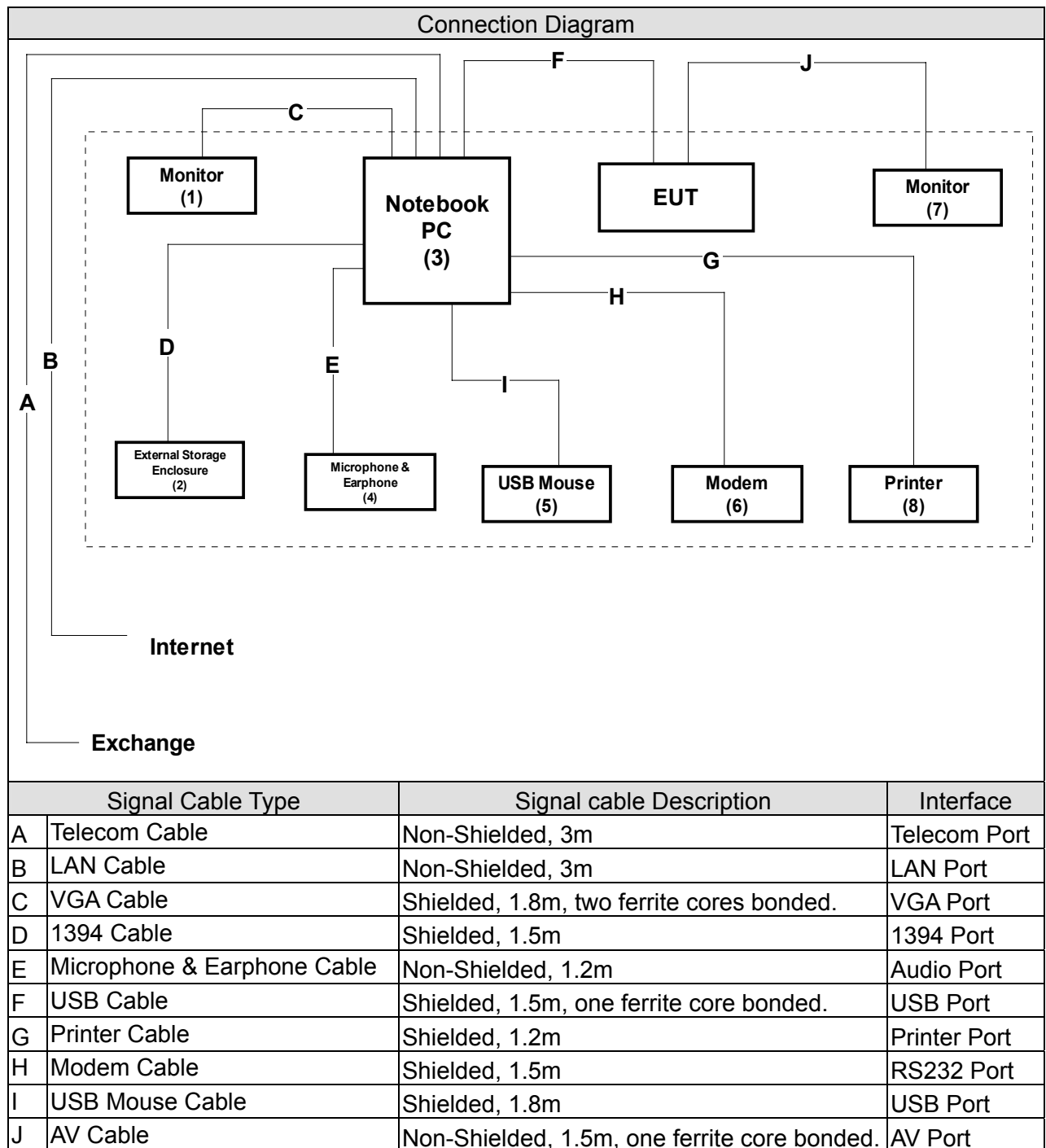
Pre-Test Mode	
EMI	Mode 1: USB Mode Mode 2: REC Mode Mode 3: Silde Show Mode
Final Test Mode	
EMI	Mode 1: USB Mode Mode 2: REC Mode Mode 3: Silde Show Mode

1.3. Tested System Details

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

Product	Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1 Monitor	CHI MEI	A170E1-09	3UC120955CA0076	DoC	Non-Shielded, 1.8m
2 External Storage Enclosure	MACPOWER	Laureate Super 800	N/A	DoC	--
3 Notebook PC	DELL	PP10L	3Y220	E2K24BNHM	Non-Shielded, 1.8m
4 Microphone & Earphone	TOKTO	SX-MI	N/A	DoC	--
5 USB Mouse	Logitech	M-UV83	LZE35150307	DoC	--
6 Modem	ACEEX	DM-2814	960018054	DoC	Non-Shielded, 1.6m
7 Monitor	ViewSonic	E653	ER01502850	DoC	Non-Shielded, 1.8m
8 Printer	HP	C2642A	MY75J1D1D2	DoC	Non-Shielded, 0.7m

1.4. Configuration of tested System



1.5. EUT Exercise Software

Test Mode		Mode 1: USB Mode
1		Setup EUT and PC as shown on 1.4.
2		Transmit REC file with USB cable.

Test Mode		Mode 2: REC Mode
1		Setup EUT and PC as shown on 1.4.
2		Turn on the power of all equipment.
3		The lens of EUT was cover with black tape.
4		Press REC key.
5		Save black file.

Test Mode		Mode 3: Silde Show Mode
1		Setup EUT and PC as shown on 1.4.
2		Play REC file (black file).

1.6. Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual
Temperature (°C)	ANSI.C63.4 CE	15 - 35	20
Humidity (%RH)		25 - 75	55
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	ANSI.C63.4 RE	15 -35	20
Humidity (%RH)		25 - 75	65
Barometric pressure (mbar)		860 - 1060	950-1000

Site Description:

January 24, 2005 File on
Federal Communications Commission
Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046
Registration Number: 365520



Accredited by CNLA
Accreditation Number: 1313
Effective through: September 27, 2007



Accredited by NVLAP
NVLAP Lab Code: 200347-0
Effective through: September 30, 2006



Site Name: Quietek Corporation

Site Address: No.75-1, Wang-Yeh Valley, Yung-Hsing,
Chiung-Lin, Hsin-Chu County,
Taiwan, R.O.C.
TEL : 886-3-592-8858 / FAX : 886-3-592-8859
E-Mail : service@quietek.com

2. Conducted Emission

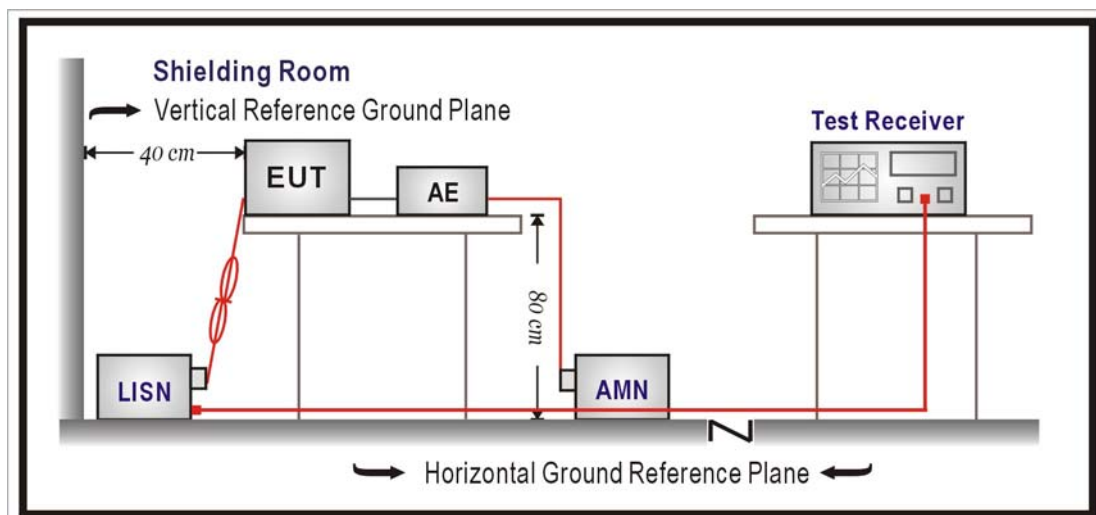
2.1. Test Equipment

The following test equipment are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.	Remark
1	Test Receiver	R & S	ESCS 30/825442/018	Sep., 2005	
2	Artificial Mains Network	R & S	ENV4200/848411/10	Feb., 2005	Peripheral
3	LISN	R & S	ESH3-Z5/825562/002	Feb., 2005	EUT
4	Pulse Limiter	R & S	ESH3-Z2/357.8810.52	Feb., 2005	
5	No.2 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

FCC Part 15 Subpart B Paragraph 15.107 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: 2003 on conducted measurement.

Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

2.5. Uncertainty

According to NIS 81 / May, 1994

The Treatment of Uncertainty in EMC Measurements EN 50147-3: 2001

The measurement uncertainty is defined as ± 2.26 dB

2.6. Test Specification

According to FCC CFR Title 47 Part 15 Subpart B: 2005 Class B, CISPR 22: 2005

2.7. Test Result

Product	Digital Still Camera		
Test Item	Conducted Emission		
Test Mode	Mode 1: USB Mode		
Date of Test	2006/01/26	Test Site	No.2 Shielded Room

Frequency	Cable	LISN	Reading	Emission	Limits
	Loss	Factor	Level	Level	
MHz	dB	dB	dBuV	dBuV	dBuV
=====					
Line 1					
Quasi-Peak					
0.159	0.10	0.27	43.57	43.94	65.53
0.197	0.10	0.11	42.00	42.21	63.75
0.393	0.10	0.10	29.27	29.47	58.00
1.861	0.12	0.10	29.66	29.88	56.00
5.486	0.17	0.27	29.03	29.47	60.00
* 10.483	0.24	0.44	40.95	41.62	60.00
Average					
0.159	0.10	0.27	27.70	28.07	55.52
0.197	0.10	0.11	33.40	33.61	53.74
0.393	0.10	0.10	20.80	21.00	48.00
1.861	0.12	0.10	22.20	22.42	46.00
5.486	0.17	0.27	27.70	28.14	50.00
* 10.483	0.24	0.44	36.80	37.47	50.00

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.

Product	Digital Still Camera		
Test Item	Conducted Emission		
Test Mode	Mode 1: USB Mode		
Date of Test	2006/01/26	Test Site	No.2 Shielded Room

Frequency	Cable	LISN	Reading	Emission	Limits
	Loss	Factor	Level	Level	
MHz	dB	dB	dBuV	dBuV	dBuV

Line 2

Quasi-Peak

0.158	0.10	0.10	43.91	44.11	65.58
0.197	0.10	0.10	41.98	42.18	63.75
0.292	0.10	0.10	34.21	34.41	60.46
1.860	0.12	0.10	30.23	30.45	56.00
4.897	0.16	0.22	31.27	31.66	56.00
* 10.384	0.24	0.31	41.12	41.67	60.00

Average

0.158	0.10	0.10	30.30	30.50	55.57
0.197	0.10	0.10	33.10	33.30	53.74
0.292	0.10	0.10	25.30	25.50	50.47
1.860	0.12	0.10	23.20	23.42	46.00
4.897	0.16	0.22	28.90	29.29	46.00
* 10.384	0.24	0.31	37.40	37.95	50.00

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.

Product	Digital Still Camera		
Test Item	Conducted Emission		
Test Mode	Mode 2: REC Mode		
Date of Test	2006/01/26	Test Site	No.2 Shielded Room

Frequency	Cable	LISN	Reading	Emission	Limits
	Loss	Factor	Level	Level	
MHz	dB	dB	dBuV	dBuV	dBuV
=====					
Line 1					
Quasi-Peak					
0.196	0.10	0.12	41.76	41.98	63.80
0.295	0.10	0.10	34.70	34.90	60.40
0.392	0.10	0.10	28.20	28.40	58.02
1.959	0.12	0.10	30.96	31.18	56.00
* 7.541	0.20	0.34	46.17	46.71	60.00
14.396	0.29	0.66	30.55	31.50	60.00
Average					
0.196	0.10	0.12	33.10	33.32	53.78
0.295	0.10	0.10	26.80	27.00	50.38
0.392	0.10	0.10	20.80	21.00	48.02
1.959	0.12	0.10	23.00	23.22	46.00
* 7.541	0.20	0.34	41.40	41.94	50.00
14.396	0.29	0.66	25.90	26.85	50.00

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.

Product	Digital Still Camera		
Test Item	Conducted Emission		
Test Mode	Mode 2: REC Mode		
Date of Test	2006/01/26	Test Site	No.2 Shielded Room

Frequency	Cable	LISN	Reading	Emission	Limits
	Loss	Factor	Level	Level	
MHz	dB	dB	dBuV	dBuV	dBuV
=====					
Line 2					
Quasi-Peak					
0.194	0.10	0.10	40.89	41.09	63.85
0.295	0.10	0.10	33.94	34.14	60.39
0.784	0.11	0.10	26.52	26.73	56.00
1.860	0.12	0.10	30.81	31.03	56.00
* 7.509	0.20	0.27	45.21	45.68	60.00
14.182	0.29	0.39	29.09	29.76	60.00
Average					
0.194	0.10	0.10	32.00	32.20	53.86
0.295	0.10	0.10	25.30	25.50	50.38
0.784	0.11	0.10	23.30	23.51	46.00
1.860	0.12	0.10	22.90	23.12	46.00
* 7.509	0.20	0.27	41.00	41.47	50.00
14.182	0.29	0.39	25.60	26.27	50.00

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.

Product	Digital Still Camera		
Test Item	Conducted Emission		
Test Mode	Mode 3: Silde Show Mode		
Date of Test	2006/01/26	Test Site	No.2 Shielded Room

Frequency	Cable	LISN	Reading	Emission	Limits
	Loss	Factor	Level	Level	
MHz	dB	dB	dBuV	dBuV	dBuV

Line 1

Quasi-Peak

0.197	0.10	0.11	40.09	40.30	63.75
0.253	0.10	0.10	26.95	27.15	61.66
0.392	0.10	0.10	28.06	28.26	58.02
1.962	0.12	0.10	30.88	31.10	56.00
7.455	0.20	0.33	31.98	32.51	60.00
* 10.211	0.24	0.41	39.68	40.33	60.00

Average

0.197	0.10	0.11	31.90	32.11	53.74
0.253	0.10	0.10	21.70	21.90	51.66
0.392	0.10	0.10	20.40	20.60	48.02
1.962	0.12	0.10	23.10	23.32	46.00
7.455	0.20	0.33	27.70	28.23	50.00
* 10.211	0.24	0.41	36.20	36.85	50.00

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.

Product	Digital Still Camera		
Test Item	Conducted Emission		
Test Mode	Mode 3: Silde Show Mode		
Date of Test	2006/01/26	Test Site	No.2 Shielded Room

Frequency	Cable	LISN	Reading	Emission	Limits
	Loss	Factor	Level	Level	
MHz	dB	dB	dBuV	dBuV	dBuV
=====					
Line 2					
Quasi-Peak					
0.295	0.10	0.10	33.33	33.53	60.40
0.785	0.11	0.10	27.60	27.81	56.00
2.062	0.13	0.10	30.28	30.51	56.00
7.558	0.20	0.27	33.70	34.17	60.00
* 10.410	0.24	0.31	40.50	41.05	60.00
14.266	0.29	0.39	31.64	32.32	60.00
Average					
0.295	0.10	0.10	25.30	25.50	50.38
0.785	0.11	0.10	24.60	24.81	46.00
2.062	0.13	0.10	21.60	21.83	46.00
7.558	0.20	0.27	29.00	29.47	50.00
* 10.410	0.24	0.31	36.70	37.25	50.00
14.266	0.29	0.39	28.30	28.98	50.00

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.

3. Radiated Emission

3.1. Test Equipment

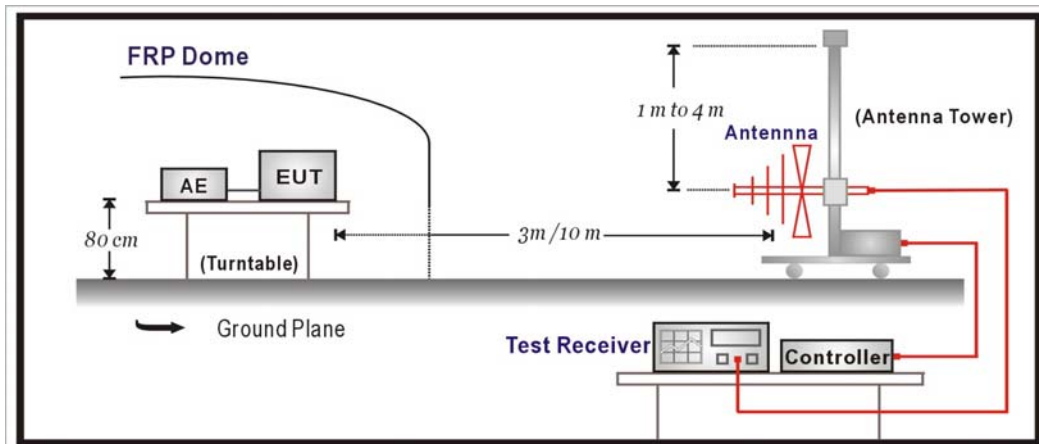
The following test equipment are used during the test:

Item		Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	X	Test Receiver	R & S	ESCS 30 / 836858/023	Jan., 2006
2	X	Spectrum Analyzer	Advantest	R3261C / 81720471	N/A
3	X	Pre-Amplifier	QuieTek	QTK-AMP / AMP1	N/A
4	X	Bilog Antenna	Chase	CBL6112B / 2708	Sep., 2005
5	X	Spectrum Analyzer	R & S	FSP40 / 100005	Aug., 2005
6	X	Pre-Amplifier	HP	8449B / 3008A01123	Feb., 2006
7	X	Horn Antenna	Schwarzbeck	BBHA 9120D / BBHA9120D312	Jul., 2005
8		No.2 OATS			Sep., 2005

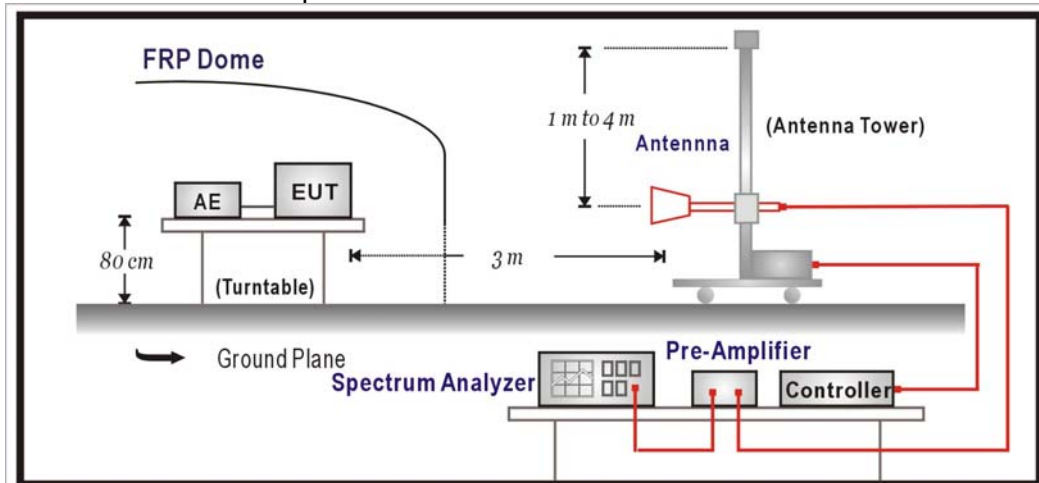
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.
2. Mark "X" test instruments are used to measure the final test results.

3.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



3.3. Limits

Under 1GHz test shall not exceed the following value:

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 Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

Above 1GHz test shall not exceed the following value:

FCC Part 15 Subpart B Paragraph 15.109 Limits (dBuV/m)				
Frequency MHz	Class A		Class B	
	Distance (m)	dBuV/m	Distance (m)	dBuV/m
30-88	10	39	3	40
88-216	10	43.5	3	43.5
216-960	10	46.4	3	46
Above 960	10	49.5	3	54

Remark: 1. In the Above Table, the tighter limit applies at the band edges.

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 Voltage (dBuV) = 20 log RF Voltage (uV)

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 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 C63.4:2003 on radiated measurement.

For an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 – 108	1000
108 – 500	2000
500 – 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40 GHz, whichever is lower

On any frequency or frequencies below or equal to 1000 MHz, the limits shown are based on measuring equipment employing a CISPR quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limits shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

For class A, the EUT was positioned such that the distance from antenna to the EUT was 10 meters for under 1GHz and above 1GHz.

For class B, the EUT was positioned such that the distance from antenna to the EUT was 10 meters for under 1GHz and 3 meters for above 1GHz.

The bandwidth below 1GHz setting on the field strength meter (R&S Test Receiver ESCS 30) is 120 kHz and above 1GHz is 1MHz.

3.5. Uncertainty

According to NIS 81 / May, 1994

The Treatment of Uncertainty in EMC Measurements EN 50147-3: 2001

The measurement uncertainty is defined as ± 3.19 dB

3.6. Test Specification

According to FCC CFR Title 47 Part 15 Subpart B: 2005 Class B, CISPR 22: 2005

3.7. Test Result

Product	Digital Still Camera		
Test Item	Radiated Emission		
Test Mode	Mode 1: USB Mode		
Date of Test	2006/02/15	Test Site	No.2 OATS

Frequency	Cable	Probe	PreAMP	Reading	Emission	Margin	Limit
	Loss	Factor		Level	Level		
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m
=====							

Horizontal:

Quasi-Peak Detector:

216.000	2.94	9.11	0.00	7.25	19.30	10.70	30.00
360.000	4.07	14.70	0.00	8.47	27.24	9.76	37.00
378.000	4.16	14.85	0.00	3.25	22.26	14.74	37.00
* 432.010	4.44	16.31	0.00	12.56	33.32	3.68	37.00
576.000	5.20	18.72	0.00	4.00	27.92	9.08	37.00
648.020	5.56	19.23	0.00	8.52	33.31	3.69	37.00
756.020	6.13	20.22	0.00	2.85	29.19	7.81	37.00
792.020	6.32	20.05	0.00	4.72	31.09	5.91	37.00
864.020	6.69	20.73	0.00	4.87	32.29	4.71	37.00
972.020	7.26	21.29	0.00	2.55	31.09	5.91	37.00

Peak Detector:

1064.420	2.84	20.55	31.39	52.57	44.57	29.43	74.00
1168.740	3.28	20.68	31.40	48.87	41.44	32.56	74.00
1334.220	3.11	20.91	31.43	48.02	40.60	33.40	74.00
* 1502.250	3.65	21.17	31.57	51.60	44.84	29.16	74.00
1664.030	3.76	21.43	31.64	42.28	35.83	38.17	74.00
1813.060	4.34	21.84	31.57	43.69	38.30	35.70	74.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable Loss – PreAMP.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	Digital Still Camera		
Test Item	Radiated Emission		
Test Mode	Mode 1: USB Mode		
Date of Test	2006/02/15	Test Site	No.2 OATS

Frequency	Cable	Probe	PreAMP	Reading	Emission	Margin	Limit
	Loss	Factor		Level	Level		
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m
=====							

Vertical

Quasi-Peak Detector:

127.570	2.09	11.83	0.00	4.99	18.92	11.08	30.00
216.000	2.94	9.13	0.00	10.77	22.84	7.16	30.00
324.000	3.88	14.29	0.00	0.59	18.77	18.23	37.00
360.005	4.07	15.48	0.00	4.81	24.35	12.65	37.00
432.015	4.44	16.83	0.00	4.38	25.66	11.34	37.00
576.020	5.20	18.47	0.00	5.61	29.28	7.72	37.00
648.020	5.56	18.47	0.00	5.77	29.81	7.19	37.00
756.020	6.13	19.07	0.00	4.66	29.86	7.14	37.00
* 792.020	6.32	19.20	0.00	4.57	30.09	6.91	37.00
864.020	6.69	19.77	0.00	0.59	27.05	9.95	37.00

Peak Detector:

* 1099.830	3.25	21.38	31.39	57.38	50.62	23.38	74.00
1165.000	3.27	21.48	31.40	56.78	50.13	23.87	74.00
1331.100	3.11	21.68	31.43	54.23	47.59	26.41	74.00
1497.500	3.65	21.94	31.57	46.82	40.83	33.17	74.00
1668.000	3.81	22.23	31.64	52.82	47.22	26.78	74.00
1812.900	4.34	22.47	31.57	54.55	49.79	24.21	74.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable Loss – PreAMP.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	Digital Still Camera		
Test Item	Radiated Emission		
Test Mode	Mode 2: REC Mode		
Date of Test	2006/02/15	Test Site	No.2 OATS

Frequency	Cable	Probe	PreAMP	Reading	Emission	Margin	Limit
MHz	Loss	Factor		Level	Level		
	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m
=====							

Horizontal:

Quasi-Peak Detector:

188.990	2.68	8.80	0.00	5.61	17.09	12.91	30.00
216.000	2.94	9.11	0.00	6.49	18.54	11.46	30.00
324.005	3.88	13.64	0.00	4.41	21.94	15.06	37.00
350.990	4.01	14.25	0.00	11.61	29.88	7.13	37.00
377.990	4.16	14.85	0.00	5.84	24.85	12.15	37.00
404.990	4.30	15.88	0.00	10.70	30.87	6.13	37.00
432.010	4.44	16.31	0.00	11.65	32.41	4.59	37.00
576.010	5.20	18.72	0.00	7.45	31.36	5.64	37.00
648.015	5.56	19.23	0.00	6.79	31.58	5.42	37.00
756.020	6.13	20.22	0.00	3.45	29.80	7.20	37.00
792.020	6.32	20.05	0.00	3.70	30.08	6.92	37.00
864.025	6.69	20.73	0.00	2.02	29.44	7.56	37.00
* 972.020	7.26	21.29	0.00	3.88	32.42	4.58	37.00

Peak Detector:

1086.000	3.10	20.56	31.39	42.09	34.36	39.64	74.00
* 1164.530	3.27	20.68	31.40	50.34	42.89	31.11	74.00
1334.050	3.11	20.91	31.43	43.78	36.36	37.64	74.00
1502.370	3.65	21.17	31.57	40.38	33.62	40.38	74.00
1668.050	3.81	21.43	31.64	45.35	38.95	35.05	74.00
1938.050	5.19	22.71	31.68	38.28	34.49	39.51	74.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable Loss – PreAMP.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	Digital Still Camera		
Test Item	Radiated Emission		
Test Mode	Mode 2: REC Mode		
Date of Test	2006/02/15	Test Site	No.2 OATS

Frequency	Cable	Probe	PreAMP	Reading	Emission	Margin	Limit
	Loss	Factor		Level	Level		
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m
=====							

Vertical

Quasi-Peak Detector:

127.990	2.09	11.83	0.00	6.55	20.48	9.52	30.00
189.000	2.68	8.91	0.00	7.31	18.90	11.10	30.00
* 216.000	2.94	9.13	0.00	11.87	23.94	6.06	30.00
324.005	3.88	14.29	0.00	5.59	23.77	13.23	37.00
350.985	4.01	14.80	0.00	6.91	25.72	11.28	37.00
377.985	4.16	15.43	0.00	2.63	22.23	14.77	37.00
404.985	4.30	16.29	0.00	5.13	25.72	11.28	37.00
432.010	4.44	16.83	0.00	4.42	25.70	11.30	37.00
648.015	5.56	18.47	0.00	1.27	25.31	11.69	37.00
864.020	6.69	19.77	0.00	2.66	29.12	7.88	37.00
972.025	7.26	20.48	0.00	3.10	30.83	6.17	37.00

Peak Detector:

1088.050	3.10	21.36	31.39	47.76	40.83	33.17	74.00
1166.370	3.28	21.48	31.40	53.49	46.86	27.14	74.00
* 1212.080	3.29	21.53	31.41	54.85	48.27	25.73	74.00
1332.050	3.11	21.71	31.43	49.43	42.81	31.19	74.00
1664.370	3.76	22.23	31.64	47.80	42.15	31.85	74.00
1918.340	5.19	22.01	31.67	39.63	35.16	38.84	74.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable Loss – PreAMP.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	Digital Still Camera		
Test Item	Radiated Emission		
Test Mode	Mode 3: Silde Show Mode		
Date of Test	2006/02/15	Test Site	No.2 OATS

Frequency	Cable	Probe	PreAMP	Reading	Emission	Margin	Limit
MHz	Loss	Factor		Level	Level		
	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m

Horizontal:

Quasi-Peak Detector:

216.000	2.94	9.11	0.00	4.76	16.81	13.19	30.00
351.000	4.01	14.25	0.00	-0.56	17.70	19.30	37.00
360.000	4.07	14.70	0.00	7.90	26.67	10.33	37.00
* 432.010	4.44	16.31	0.00	12.82	33.58	3.42	37.00
576.020	5.20	18.72	0.00	1.64	25.55	11.45	37.00
648.020	5.56	19.23	0.00	4.08	28.87	8.13	37.00
756.020	6.13	20.22	0.00	0.18	26.52	10.48	37.00
864.020	6.69	20.73	0.00	-1.72	25.70	11.30	37.00
972.020	7.26	21.29	0.00	1.27	29.81	7.19	37.00

Peak Detector:

1096.370	3.25	20.58	31.39	45.92	38.36	35.64	74.00
* 1164.080	3.27	20.68	31.40	50.86	43.41	30.59	74.00
1332.570	3.11	20.91	31.43	43.43	36.01	37.99	74.00
1496.020	3.65	21.14	31.57	40.08	33.29	40.71	74.00
1666.530	3.81	21.43	31.64	44.23	37.83	36.17	74.00
1889.330	4.64	22.31	31.63	38.87	34.19	39.81	74.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable Loss – PreAMP.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product	Digital Still Camera		
Test Item	Radiated Emission		
Test Mode	Mode 3: Silde Show Mode		
Date of Test	2006/02/15	Test Site	No.2 OATS

Frequency	Cable	Probe	PreAMP	Reading	Emission	Margin	Limit
	Loss	Factor		Level	Level		
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m
=====							

Vertical

Quasi-Peak Detector:

216.000	2.94	9.13	0.00	9.07	21.14	8.86	30.00
324.000	3.88	14.29	0.00	6.01	24.19	12.81	37.00
432.000	4.44	16.83	0.00	-1.30	19.98	17.02	37.00
576.020	5.20	18.47	0.00	4.36	28.03	8.97	37.00
648.020	5.56	18.47	0.00	1.70	25.74	11.26	37.00
756.030	6.13	19.07	0.00	2.81	28.01	8.99	37.00
864.025	6.69	19.77	0.00	-0.77	25.69	11.31	37.00
* 972.020	7.26	20.48	0.00	0.53	28.26	8.74	37.00

Peak Detector:

1082.240	3.10	21.36	31.39	45.82	38.89	35.11	74.00
* 1168.370	3.28	21.48	31.40	52.88	46.25	27.75	74.00
1332.080	3.11	21.71	31.43	49.78	43.16	30.84	74.00
1476.650	3.60	21.91	31.53	48.01	41.99	32.01	74.00
1548.230	3.66	22.01	31.61	53.70	47.76	26.24	74.00
1764.590	4.17	22.43	31.58	46.46	41.48	32.52	74.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable Loss – PreAMP.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.