Test Report

For

Applicant	**: Premier Camera Taiwan, Ltd.**
Equipment Type	**: DIGITAL CAMERA**
Model	**: DC-820**
FCC ID	**: NJB00820123**

Report No. : 005H041FI

Test Report Certification

QuieTek Corporation

No.75-1, Wang-Yeh Valley, Yung-Hsing, Chiung-Lin,
Hsin-Chu County, Taiwan, R.O.C.
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E-Mail : quietek@ms24.hinet.net

Accredited by NIST(NVLAP), VCCI, BSMI, DNV, TUV

Applicant	: Premier Camera Taiwan, Ltd.
Address	: 7F, NO. 123, SEC. 1, NEI-HU ROAD, NEI-HU, TAIPEI, TAIWAN, R.O.C.
Equipment Type	: DIGITAL CAMERA
Model	: DC-820
FCC ID	: NJB00820123
Measurement Standard	: CISPR 22/1994
Measurement Procedure	: ANSI C63.4 /1992
Operation Voltage	: 120VAC/60Hz
Classification	: Class B
Test Result	: Complied
Test Date	: May 29, 2000
Report No.	: 005H041FI

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: Shelly Fan	Test Engineer: Jimmy Huang	Approved: Kevin Wang

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1. General Information

1.1 EUT Description

Applicant	: Premier Camera Taiwan, Ltd.
Address	: 7F, NO. 123, SEC. 1, NEI-HU ROAD, NEI-HU, TAIPEI, TAIWAN, R.O.C.
Equipment Type	: DIGITAL CAMERA
Model	: DC-820
FCC ID	: NJB00820123
Operation Voltage	: 120VAC/60Hz
RS232 Cable	: Non-Shielded, 1.8m, a ferrite core bonded
USB Cable	: Non-Shielded, 1.8m, two ferrite cores bonded
Video Cable	: Non-Shielded, 1.8m, a ferrite core bonded
ITE power supply	: POTRANS, UWP00511070 Cable out: Non-Shielded, 1.8m, two ferrite cores bonded
Switching power supply	: DVE, DSA-151F-07A Cable out: Non-Shielded, 1.8m, a ferrite core bonded

Remark:

1.The EUT is a DIGITAL CAMERA with USB port and RS232 port.

2. QuieTek had verified both the construction and function in typical operation, then shown in this test report.

1.2 Tested System Details

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

1.2.1 DIGITAL CAMERA (EUT)

Model Number	: DC-820
Serial Number	: N/A
FCC ID	: NJB00820123
Manufacturer	: PREMIER
RS232 Cable	: Non-Shielded, 1.8m, a ferrite core bonded
USB Cable	: Non-Shielded, 1.8m, two ferrite cores bonded
Video Cable	: Non-Shielded, 1.8m, a ferrite core bonded
ITE power supply	: POTRANS, UWP00511070
	Cable out: Non-Shielded, 1.8m, two ferrite cores bonded
Switching power supply	: DVE, DSA-151F-07A
	Cable out: Non-Shielded, 1.8m, a ferrite core bonded

1.2.2 Host Personal Computer

Model Number	: P2L97
Serial Number	: AS10228
FCC ID	: DoC
Manufacturer	: ASUS
Power Cord	: Non-Shielded, 1.8m

1.2.3 Monitor

Model Number	: CM752ET-311
Serial Number	: T8F005799
FCC ID	: DoC
Manufacturer	: HITACHI
Data Cable	: Shielded, 1.5m
Power Cord	: Shielded, 1.8m

1.2.4 Monitor

Model Number	: PVM-14M2U
Serial Number	: 2018559
FCC ID	: DoC
Manufacturer	: SONY
Power Cord	: Non-Shielded, 1.8m

1.2.5 Keyboard

Model Number	: KFKEA4SA
Serial Number	: KFKEA4SA94Q20474
FCC ID	: CMYKFK7835
Manufacturer	: MITSUMI
Data Cable	: Shielded, 1.8m

1.2.6 Modem

Model Number	: 1414
Serial Number	: 980033033
FCC ID	: IFAXDM1414
Manufacturer	: ACEEX
Data Cable	: Shielded, 1.5m
Power Adapter	: ACCEX, SCP41-91000A Cable Output : Shielded, 1.5m

1.2.7 Printer

Model Number	: C2642A
Serial Number	: MY75L1D2XN
FCC ID	: B94C2642X
Manufacturer	: HP
Data Cable	: Shielded, 1.2m
Power Adapter	: NMB, C2175A Cable for AC IN: Non-Shielded, 0.7m Cable for AC Out: Non-Shielded, 1.5m

1.2.8 Mouse

Model Number	: M-S34
Serial Number	: LZA82474119
FCC ID	: DZL211029
Manufacturer	: Logitech
Data Cable	: Shielded, 1.8m

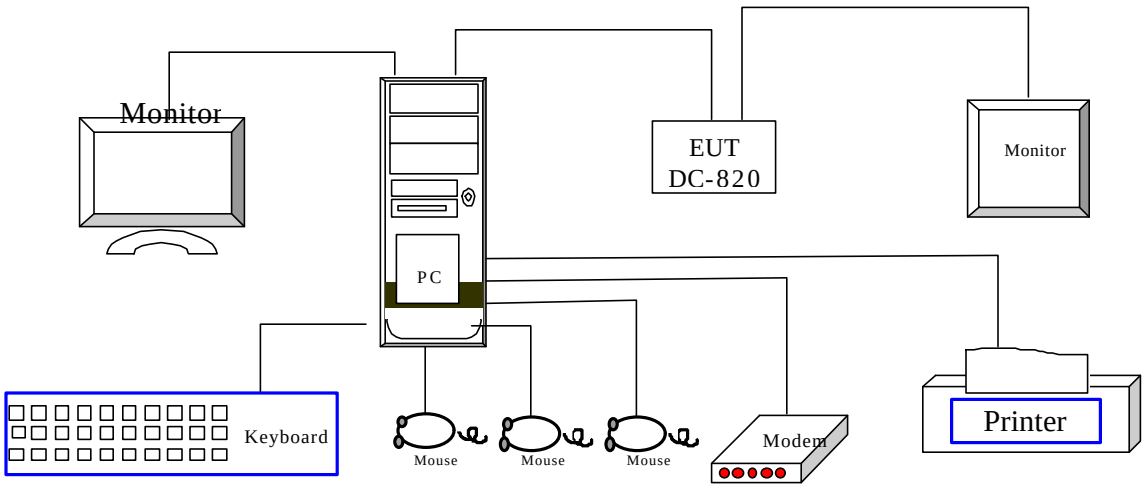
1.2.9 Mouse

Model Number	: M-UE55
Serial Number	: DVT-325
FCC ID	: DoC
Manufacturer	: Logitech
Data Cable	: Shielded, 1.8m

1.2.10 Mouse

Model Number	: M-UE55
Serial Number	: DVT-317
FCC ID	: DoC
Manufacturer	: Logitech
Data Cable	: Shielded, 1.8m

1.3 EUT Configuration



1.4 EUT Exercise Software

The EUT exercise program used during conducted testing was designed to exercise the EUT in a manner similar to a typical use. The exercise sequence is listed as below:

1.4.1 Setup the EUT and simulators as shown on 1.3

1.4.2 Turn on the power of all equipment.

1.4.3 Boot the PC from Hard Disk .

1.4.4 PC reads test software from disk.

1.4.5 The Digital Camera(EUT) will take pictures and sent to monitor.

1.4.6 PC will display “picture” on monitor.

1.4.7 Printer and modem will keep at standby mode during EUT operation.

1.5 Test performed

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

Radiated emissions were invested over the frequency range from **30MHz to 1000MHz** using a receiver bandwidth of 120kHz. Radiated testing was performed at an antenna to EUT distance of 10 meters .

1.6 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: November 3, 1998 File on
Federal Communications Commission
FCC Engineering Laboratory
7435 Oakland Mills Road
Columbia, MD 21046
Reference 31040/SIT1300F2

September 30, 1998 Accreditation on NVLAP
NVLAP Lab Code: 200347-0

February 23, 1999 Accreditation on DNV
Statement No. : 413-99-LAB11

December 8, 1998 Registration on VCCI
Registration No. for No.2 Shielded Room C-858
Registration No. for No.1 Open Area Test Site R-823
Registration No. for No.2 Open Area Test Site R-835

January 04, 1999 Accreditation on TUV Rheinland
Certificate No.: I9865712-9901

Name of firm : QuieTek Corporation

Site location : No.75-1, Wang-Yeh Valley, Yung-Hsing Tsuen,
Chiung-Lin, Hsin-Chu County, Taiwan, R.O.C.

2. Conducted Emission

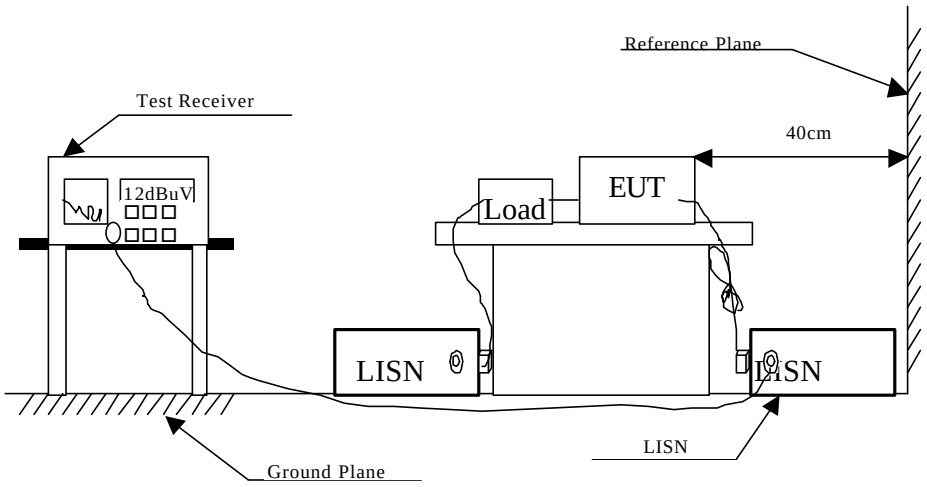
2.1 Test Equipment List

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 30/825442/17	May, 2000	
2	L.I.S.N.	R & S	ESH3-Z5/825016/6	May, 2000	EUT
3	L.I.S.N.	Kyoritsu	KNW-407/8-1420-3	May, 2000	Peripherals
4	Pulse Limiter	R & S	ESH3-Z2	N/A	
5	N0.2 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

CISPR 22 Limits (dBuV)					FCC Part 15 Subpart B (dBuV)				
Frequency	Class A		Class B		Frequency	Class A		Class B	
MHz	QP	AV	QP	AV	MHz	uV/m	dBuV/m	uV/m	dBuV/m
0.15 - 0.50	79	66	66-56	56-46	0.45-1.705	1000	60.0	250	48.0
0.50-5.0	73	60	56	46	1.705-30	3000	69.5	250	48.0
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.
The bandwidth of the field strength meter (R & S Test Receiver ESCS 30) is set at 9kHz.

2.5 Test Results

The conducted emission from the EUT is measured and shown in attachment 1 of test report. The acceptance criterion was met and the EUT passed the test.

3. Radiated Emission

3.1 Test Equipment

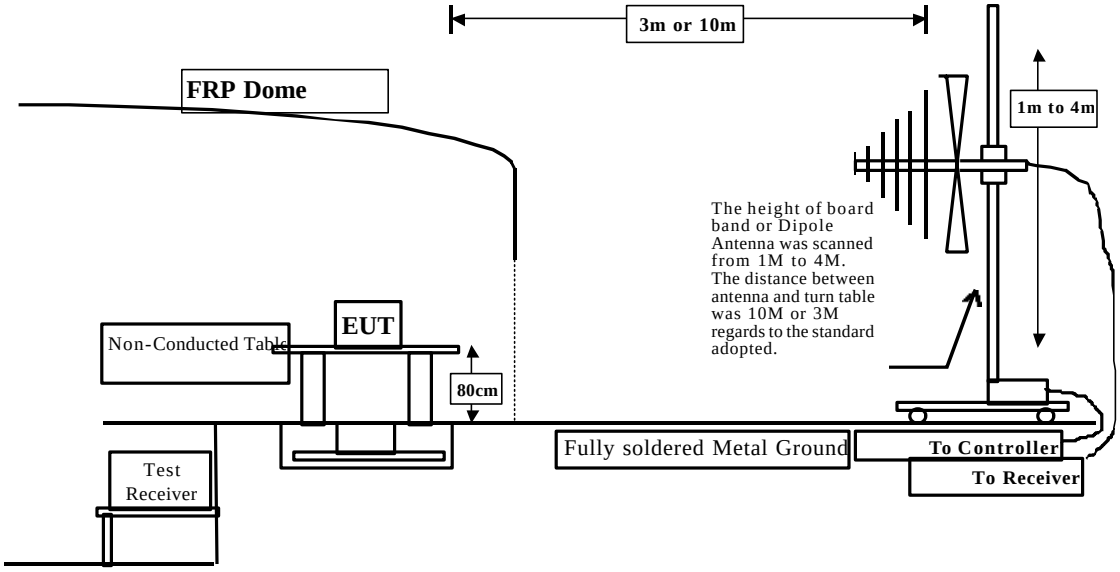
The following test equipment are used during the radiated emission test:

Test Site		Equipment	Manufacturer	Model No./Serial No.	Last Cal.
Site # 1	X	Test Receiver	R & S	ESCS 30 / 825442/14	May, 2000
		Spectrum Analyzer	Advantest	R3261C / 71720140	May, 2000
		Pre-Amplifier	HP	8447D/3307A01812	May, 2000
	X	Bilog Antenna	Chase	CBL6112B / 12452	Sep., 1999
	X	Horn Antenna	EM	EM6917 / 103325	May, 2000
Site # 2	X	Test Receiver	R & S	ESCS 30 / 825442/17	May, 2000
		Spectrum Analyzer	Advantest	R3261C / 71720609	May, 2000
		Pre-Amplifier	HP	8447D/3307A01814	May, 2000
	X	Bilog Antenna	Chase	CBL6112B / 2455	Sep., 1999
	X	Horn Antenna	EM	EM6917 / 103325	May, 2000

Note: 1. All equipment upon which need to calibrated 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					FCC Part 15 Subpart B				
Frequency MHz	Class A		Class B		Frequency	Class A		Class B	
	Distance (m)	dBuV/m	Distance (m)	dBuV/m		uV/m	dBuV/m	uV/m	dBuV/m
30 – 230	10	40	10	30	30 – 88	90	39	100	40.0
230 – 1000	10	47	10	37	88 – 216	150	43.5	150	43.5
					216 –960	210	46.5	200	46.0
					960 - 2000	300	49.5	500	54.0

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.

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

3.5 Test Results

The radiated emission from the EUT is measured and shown in attachment 1 of test report. 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. Attachment

Attachment 1: Summary of Test Results	Number of Pages: 17
Attachment 2: EUT Test Photographs	Number of Pages: 8
Attachment 3: EUT Detailed Photographs	Number of Pages: 20

Attachment 1 : Summary of Test Results

The test results 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 the attached data.

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

(1) Mode 1: ITE + USB

(2) Mode 2: ITE + RS232

(3) Mode 3: SPS + USB

(4) Mode 4: SPS + RS232

Remark:
ITE: ITE power supply
SPS: Switching power supply

The EUT passed all the tests.

The uncertainty is calculated in accordance with NAMAS NIS 81, The total uncertainty for this test is as follows:

- **Emission Test**
  - Uncertainty in the Conducted Emission Test: < ± 2.0 dB
  - Uncertainty in the field strength measured: < ± 4.0 dB

CONDUCTED EMISSION DATA

Date of Test : May 29, 2000 EUT : DIGITAL CAMERA

Test Mode : Mode 1 Detect Mode : Quasi-Peak & Average

	Frequency	Cable Loss	LISN Factor	Reading Level Line1	Measurement Level Line1	Limits
	MHz	dB	dB	dBuV	dBuV	dBuV
	0.160	0.00	0.10	39.53	39.63	65.49
*	0.213	0.02	0.10	47.88	48.00	63.11
	0.323	0.04	0.10	36.84	36.98	59.64
	0.428	0.06	0.10	31.40	31.56	57.30
	0.644	0.08	0.10	35.35	35.53	56.00
	2.357	0.15	0.14	42.51	42.80	56.00
Average:						
	0.160	0.00	0.10	22.90	23.00	55.46
	0.213	0.02	0.10	39.10	39.22	53.09
	0.323	0.04	0.10	31.20	31.34	49.63
	0.428	0.06	0.10	27.20	27.36	47.29
	0.644	0.08	0.10	33.50	33.68	46.00
	2.357	0.15	0.14	33.00	33.29	46.00

Remarks :

1. " * " means that this data is the worst emission level.

CONDUCTED EMISSION DATA

Date of Test : May 29, 2000 EUT : DIGITAL CAMERA

Test Mode : Mode 1 Detect Mode : Quasi-Peak & Average

	Frequency	Cable Loss	LISN Factor	Reading Level Line2	Measurement Level Line2	Limits
	MHz	dB	dB	dBuV	dBuV	dBuV
*	0.215	0.02	0.10	42.94	43.06	63.00
	0.321	0.04	0.10	36.14	36.28	59.69
	0.641	0.08	0.10	33.94	34.12	56.00
	2.253	0.15	0.14	43.17	43.46	56.00
	4.716	0.20	0.17	32.93	33.29	56.00
	19.073	0.35	0.44	27.04	27.82	60.00
Average:						
	0.215	0.02	0.10	37.60	37.72	53.01
	0.321	0.04	0.10	30.20	30.34	49.68
	0.641	0.08	0.10	30.90	31.08	46.00
	2.253	0.15	0.14	32.30	32.59	46.00
	4.716	0.20	0.17	24.20	24.56	46.00
	19.073	0.35	0.44	14.00	14.78	50.00

Remarks :

1. " * " means that this data is the worst emission level.

CONDUCTED EMISSION DATA

Date of Test : May 29, 2000 EUT : DIGITAL CAMERA

Test Mode : Mode 2 Detect Mode : Quasi-Peak & Average

	Frequency	Cable Loss	LISN Factor	Reading Level Line1	Measurement Level Line1	Limits
	MHz	dB	dB	dBuV	dBuV	dBuV
	0.160	0.00	0.10	37.01	37.11	65.47
*	0.215	0.02	0.10	48.29	48.41	63.01
	0.642	0.08	0.10	35.31	35.49	56.00
	1.071	0.10	0.10	29.04	29.25	56.00
	2.357	0.15	0.14	42.51	42.80	56.00
	3.580	0.18	0.16	39.62	39.95	56.00
Average:						
	0.160	0.00	0.10	19.70	19.80	55.46
	0.215	0.02	0.10	39.80	39.92	53.01
	0.642	0.08	0.10	33.90	34.08	46.00
	1.071	0.10	0.10	25.70	25.91	46.00
	2.357	0.15	0.14	33.10	33.39	46.00
	3.580	0.18	0.16	32.80	33.13	46.00

Remarks :

1. " * " means that this data is the worst emission level.

CONDUCTED EMISSION DATA

Date of Test : May 29, 2000 EUT : DIGITAL CAMERA

Test Mode : Mode 2 Detect Mode : Quasi-Peak & Average

	Frequency	Cable Loss	LISN Factor	Reading Level Line2	Measurement Level Line2	Limits
	MHz	dB	dB	dBuV	dBuV	dBuV
	0.155	0.00	0.10	32.14	32.24	65.73
	0.213	0.02	0.10	42.74	42.86	63.11
	0.643	0.08	0.10	34.61	34.79	56.00
*	2.252	0.15	0.14	43.69	43.98	56.00
	3.580	0.18	0.16	42.06	42.39	56.00
	4.705	0.20	0.17	33.19	33.55	56.00
Average:						
	0.155	0.00	0.10	19.52	19.62	55.73
	0.213	0.02	0.10	38.26	38.38	53.09
	0.643	0.08	0.10	33.26	33.44	46.00
	2.252	0.15	0.14	35.21	35.50	46.00
	3.580	0.18	0.16	31.26	31.59	46.00
	4.705	0.20	0.17	29.23	29.59	46.00

Remarks :

1. " * " means that this data is the worst emission level.

CONDUCTED EMISSION DATA

Date of Test : May 29, 2000 EUT : DIGITAL CAMERA

Test Mode : Mode 3 Detect Mode : Quasi-Peak & Average

	Frequency	Cable Loss	LISN Factor	Reading Level Line1	Measurement Level Line1	Limits
	MHz	dB	dB	dBuV	dBuV	dBuV
	0.174	0.01	0.10	47.65	47.76	64.75
	0.517	0.07	0.10	36.49	36.66	56.00
	0.860	0.09	0.10	38.60	38.79	56.00
*	1.217	0.11	0.11	44.10	44.32	56.00
	2.062	0.15	0.13	43.82	44.10	56.00
	2.411	0.15	0.14	40.60	40.89	56.00
Average:						
	0.174	0.01	0.10	46.22	46.33	54.77
	0.517	0.07	0.10	28.90	29.07	46.00
	0.860	0.09	0.10	29.40	29.59	46.00
	1.217	0.11	0.11	32.00	32.22	46.00
	2.062	0.15	0.13	28.20	28.48	46.00
	2.411	0.15	0.14	23.40	23.69	46.00

Remarks :

1. " * " means that this data is the worst emission level.

CONDUCTED EMISSION DATA

Date of Test : May 29, 2000 EUT : DIGITAL CAMERA

Test Mode : Mode 3 Detect Mode : Quasi-Peak & Average

	Frequency	Cable Loss	LISN Factor	Reading Level Line2	Measurement Level Line2	Limits
	MHz	dB	dB	dBuV	dBuV	dBuV
	0.173	0.01	0.10	46.51	46.62	64.79
	0.693	0.08	0.10	42.04	42.22	56.00
	1.209	0.11	0.11	44.60	44.82	56.00
	1.548	0.13	0.12	45.06	45.31	56.00
*	2.066	0.15	0.13	45.14	45.42	56.00
	4.353	0.19	0.16	40.81	41.17	56.00
Average:						
	0.173	0.01	0.10	45.00	45.11	54.82
	0.693	0.08	0.10	37.30	37.48	46.00
	1.209	0.11	0.11	32.00	32.22	46.00
	1.548	0.13	0.12	31.20	31.45	46.00
	2.066	0.15	0.13	28.80	29.08	46.00
	4.353	0.19	0.16	20.70	21.06	46.00

Remarks :

1. " * " means that this data is the worst emission level.

CONDUCTED EMISSION DATA

Date of Test : May 29, 2000 EUT : DIGITAL CAMERA

Test Mode : Mode 4 Detect Mode : Quasi-Peak & Average

	Frequency	Cable Loss	LISN Factor	Reading Level Line1	Measurement Level Line1	Limits
	MHz	dB	dB	dBuV	dBuV	dBuV
	0.173	0.01	0.10	47.04	47.15	64.79
	0.685	0.08	0.10	43.28	43.46	56.00
	1.195	0.11	0.11	45.33	45.55	56.00
*	1.542	0.13	0.12	46.33	46.58	56.00
	1.885	0.14	0.13	42.16	42.43	56.00
	2.572	0.16	0.14	43.25	43.55	56.00
Average:						
	0.173	0.01	0.10	44.60	44.71	54.82
	0.685	0.08	0.10	35.60	35.78	46.00
	1.195	0.11	0.11	34.00	34.22	46.00
	1.542	0.13	0.12	35.00	35.25	46.00
	1.885	0.14	0.13	25.10	25.37	46.00
	2.572	0.16	0.14	26.00	26.30	46.00

Remarks :

1. " * " means that this data is the worst emission level.

CONDUCTED EMISSION DATA

Date of Test : May 29, 2000 EUT : DIGITAL CAMERA

Test Mode : Mode 4 Detect Mode : Quasi-Peak & Average

	Frequency	Cable Loss	LISN Factor	Reading Level Line2	Measurement Level Line2	Limits
	MHz	dB	dB	dBuV	dBuV	dBuV
	0.170	0.01	0.10	48.69	48.80	64.96
	0.685	0.08	0.10	41.22	41.40	56.00
	1.206	0.11	0.11	44.42	44.64	56.00
*	1.536	0.13	0.12	45.02	45.27	56.00
	1.877	0.14	0.13	42.95	43.22	56.00
	2.591	0.16	0.14	42.29	42.59	56.00
Average:						
	0.170	0.01	0.10	45.40	45.51	54.96
	0.685	0.08	0.10	33.20	33.38	46.00
	1.206	0.11	0.11	32.40	32.62	46.00
	1.536	0.13	0.12	31.60	31.85	46.00
	1.877	0.14	0.13	27.60	27.87	46.00
	2.591	0.16	0.14	24.60	24.90	46.00

Remarks :

1. " * " means that this data is the worst emission level.

RADIATED EMISSION DATA

Date of Test : May 29, 2000 EUT : DIGITAL CAMERA

Test Mode : Mode 1 Test Site : No.1 Open Test Site

	Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Horizontal	Margin	Limit	Ant	Turn
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
	66.783	1.50	6.16	0.00	4.43	12.10	17.90	30.00	140	203
	196.365	2.76	9.10	0.00	8.89	20.75	9.25	30.00	140	170
	214.775	2.92	8.97	0.00	7.25	19.15	10.85	30.00	140	185
	220.913	2.99	9.53	0.00	10.11	22.63	7.37	30.00	140	6
	300.726	3.76	13.36	0.00	10.29	27.40	9.60	37.00	140	126
	368.190	4.11	14.81	0.00	7.57	26.49	10.51	37.00	140	69
	441.830	4.49	16.41	0.00	9.16	30.06	6.94	37.00	140	93
	564.560	5.13	18.84	0.00	7.21	31.18	5.82	37.00	140	24
	711.838	5.90	19.58	0.00	7.53	33.01	3.99	37.00	140	19
	760.930	6.15	20.14	0.00	4.53	30.83	6.17	37.00	100	136
	834.570	6.53	20.60	0.00	4.66	31.79	5.21	37.00	100	203
*	908.205	6.93	21.04	0.00	5.06	33.03	3.97	37.00	100	143
	981.847	7.31	21.24	0.00	3.70	32.25	4.75	37.00	100	151

Remarks:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2.“ * ”, means this data is the worst emission level.

3.Emission Level = Reading Level + Antenna Factor + Cable loss

RADIATED EMISSION DATA

Date of Test : May 29, 2000 EUT : DIGITAL CAMERA

Test Mode : Mode 1 Test Site : No.1 Open Test Site

:

	Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Vertical	Margin	Limit	Ant	Turn
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
	48.000	1.33	8.03	0.00	8.57	17.93	12.07	30.00	100	113
	66.238	1.50	5.83	0.00	8.49	15.82	14.18	30.00	100	129
	74.170	1.58	6.83	0.00	7.52	15.93	14.07	30.00	100	120
	80.260	1.64	7.12	0.00	10.05	18.81	11.19	30.00	100	25
	116.607	1.98	11.43	0.00	6.01	19.42	10.58	30.00	100	0
	167.640	2.48	9.67	0.00	7.01	19.16	10.84	30.00	100	55
*	196.367	2.76	9.10	0.00	14.69	26.55	3.45	30.00	100	69
	202.500	2.81	9.44	0.00	11.94	24.19	5.81	30.00	100	74
	206.438	2.85	9.39	0.00	10.57	22.81	7.19	30.00	100	16
	214.777	2.92	8.97	0.00	10.07	21.97	8.03	30.00	100	57
	220.915	2.99	9.53	0.00	12.64	25.16	4.84	30.00	100	51
	294.550	3.69	13.42	0.00	5.13	22.24	14.76	37.00	100	132
	467.717	4.63	17.15	0.00	7.24	29.02	7.98	37.00	100	95
	515.465	4.87	17.19	0.00	5.64	27.71	9.29	37.00	178	176
	589.107	5.26	18.21	0.00	9.01	32.47	4.53	37.00	190	200
	711.835	5.90	18.88	0.00	4.64	29.42	7.58	37.00	200	179
	785.477	6.28	19.12	0.00	4.10	29.50	7.50	37.00	200	13
	810.023	6.41	19.41	0.00	7.05	32.87	4.13	37.00	200	154
	908.205	6.93	20.04	0.00	4.13	31.10	5.90	37.00	200	122
	981.845	7.31	20.56	0.00	5.49	33.36	3.64	37.00	200	203

Remarks:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2.“ * ”, means this data is the worst emission level.

3.Emission Level = Reading Level + Antenna Factor + Cable loss

RADIATED EMISSION DATA

Date of Test : May 29, 2000 EUT : DIGITAL CAMERA

Test Mode : Mode 2 Test Site : No.1 Open Test Site

	Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Horizontal	Margin	Limit	Ant	Turn
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
	202.500	2.81	9.44	0.00	11.32	23.57	6.43	30.00	398	174
	442.030	4.49	16.41	0.00	11.95	32.85	4.15	37.00	257	120
	564.650	5.13	18.84	0.00	8.20	32.17	4.83	37.00	187	26
	614.020	5.39	19.03	0.00	7.26	31.68	5.32	37.00	134	41
	712.030	5.90	19.58	0.00	5.03	30.51	6.49	37.00	120	80
	736.010	6.03	20.03	0.00	5.69	31.75	5.25	37.00	113	81
*	835.120	6.55	20.62	0.00	8.30	35.47	1.53	37.00	100	178
	859.600	6.67	20.82	0.00	5.87	33.36	3.64	37.00	100	187
	908.100	6.93	21.04	0.00	5.87	33.84	3.16	37.00	100	150

Remarks:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2.“ * ”, means this data is the worst emission level.

3.Emission Level = Reading Level + Antenna Factor + Cable loss

RADIATED EMISSION DATA

Date of Test : May 29, 2000 EUT : DIGITAL CAMERA

Test Mode : Mode 2 Test Site : No.1 Open Test Site

:

	Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Vertical	Margin	Limit	Ant	Turn
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
	192.000	2.71	8.88	0.00	11.21	22.80	7.20	30.00	100	48
*	202.510	2.81	9.33	0.00	15.74	27.88	2.12	30.00	100	38
	221.030	2.99	9.32	0.00	13.21	25.52	4.48	30.00	100	57
	442.600	4.50	16.69	0.00	10.60	31.79	5.21	37.00	100	147
	712.320	5.90	18.88	0.00	5.32	30.10	6.90	37.00	279	165
	761.000	6.15	19.09	0.00	6.80	32.05	4.95	37.00	223	140
	810.320	6.41	19.41	0.00	7.25	33.07	3.93	37.00	172	201
	860.000	6.67	19.76	0.00	7.65	34.08	2.92	37.00	171	25

Remarks:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2.“ * ”, means this data is the worst emission level.

3.Emission Level = Reading Level + Antenna Factor + Cable loss

RADIATED EMISSION DATA

Date of Test : May 29, 2000 EUT : DIGITAL CAMERA

Test Mode : Mode 3 Test Site : No.1 Open Test Site

	Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Horizontal	Margin	Limit	Ant	Turn
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
	220.915	2.99	9.53	0.00	13.01	25.53	4.47	30.00	398	78
	417.285	4.37	16.49	0.00	9.61	30.46	6.54	37.00	256	123
	441.828	4.49	16.41	0.00	10.95	31.85	5.15	37.00	256	144
	564.563	5.13	18.84	0.00	7.25	31.22	5.78	37.00	143	78
	613.653	5.39	19.03	0.00	10.22	34.64	2.36	37.00	120	185
	662.745	5.65	19.13	0.00	8.40	33.18	3.82	37.00	120	20
	711.838	5.90	19.58	0.00	7.70	33.18	3.82	37.00	116	29
*	760.930	6.15	20.14	0.00	9.52	35.82	1.18	37.00	116	172
	834.568	6.53	20.60	0.00	7.97	35.10	1.90	37.00	100	203
	883.662	6.80	20.81	0.00	6.77	34.38	2.62	37.00	100	182

Remarks:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2.“ * ”, means this data is the worst emission level.

3.Emission Level = Reading Level + Antenna Factor + Cable loss

RADIATED EMISSION DATA

Date of Test : May 29, 2000 EUT : DIGITAL CAMERA

Test Mode : Mode 3 Test Site : No.1 Open Test Site

:

	Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Vertical	Margin	Limit	Ant	Turn
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
	192.000	2.71	8.88	0.00	8.10	19.69	10.31	30.00	100	129
*	220.915	2.99	9.32	0.00	12.27	24.58	5.42	30.00	100	63
	760.930	6.15	19.09	0.00	5.30	30.55	6.45	37.00	258	154
	810.020	6.41	19.41	0.00	6.13	31.95	5.05	37.00	193	171
	859.112	6.67	19.76	0.00	3.47	29.90	7.10	37.00	193	35
	908.208	6.93	20.04	0.00	4.03	31.00	6.00	37.00	193	67

Remarks:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2.“ * ”, means this data is the worst emission level.

3.Emission Level = Reading Level + Antenna Factor + Cable loss

RADIATED EMISSION DATA

Date of Test : May 29, 2000 EUT : DIGITAL CAMERA

Test Mode : Mode 4 Test Site : No.1 Open Test Site

	Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Horizontal	Margin	Limit	Ant	Turn
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
	202.503	2.81	9.44	0.00	11.05	23.30	6.70	30.00	398	188
	441.830	4.49	16.41	0.00	12.21	33.11	3.89	37.00	261	165
	564.563	5.13	18.84	0.00	7.73	31.70	5.30	37.00	163	99
	613.653	5.39	19.03	0.00	7.46	31.88	5.12	37.00	128	174
	662.745	5.65	19.13	0.00	6.04	30.82	6.18	37.00	130	137
	711.840	5.90	19.58	0.00	6.58	32.06	4.94	37.00	100	24
	736.388	6.03	20.03	0.00	5.40	31.46	5.54	37.00	116	180
*	760.932	6.15	20.14	0.00	8.90	35.20	1.80	37.00	100	185
	834.565	6.53	20.60	0.00	7.69	34.82	2.18	37.00	100	164
	859.120	6.67	20.82	0.00	6.21	33.70	3.30	37.00	100	203
	908.215	6.93	21.04	0.00	6.11	34.08	2.92	37.00	100	180

Remarks:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2.“ * ”, means this data is the worst emission level.

3.Emission Level = Reading Level + Antenna Factor + Cable loss

RADIATED EMISSION DATA

Date of Test : May 29, 2000 EUT : DIGITAL CAMERA

Test Mode : Mode 4 Test Site : No.1 Open Test Site

:

	Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Measurement Vertical	Margin	Limit	Ant	Turn
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
	192.000	2.71	8.88	0.00	10.74	22.33	7.67	30.00	100	9
*	202.505	2.81	9.33	0.00	16.35	28.49	1.51	30.00	100	25
	220.913	2.99	9.32	0.00	12.97	25.28	4.72	30.00	100	84
	441.828	4.49	16.77	0.00	9.09	30.35	6.65	37.00	100	59
	515.470	4.87	17.19	0.00	7.51	29.58	7.42	37.00	281	163
	711.840	5.90	18.88	0.00	4.88	29.66	7.34	37.00	264	61
	760.932	6.15	19.09	0.00	7.02	32.27	4.73	37.00	210	198
	810.025	6.41	19.41	0.00	7.27	33.09	3.91	37.00	182	203
	859.115	6.67	19.76	0.00	8.79	35.22	1.78	37.00	182	182

Remarks:

1.All Readings below 1GHz are Quasi-Peak, above are average value.

2.“ * ”, means this data is the worst emission level.

3.Emission Level = Reading Level + Antenna Factor + Cable loss