



Test Report

For

Applicant : PREMIER CAMERA TAIWAN LTD.
Equipment Type : Digital Camera
Model : DC-530
FCC ID : NHN00530126

Report No. : 008H028FI



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

Applicant : PREMIER CAMERA TAIWAN LTD.
Address : 7F, NO. 123, SEC. 1, NEI-HU RD., NEI-HU, TAIPEI,
TAIWAN, R.O.C.
Equipment Type : Digital Camera
Model : DC-530
Measurement Standard : CISPR 22/1994
Measurement Procedure : ANSI C63.4 /1992
FCC ID : NHN00530126
Operation Voltage : 120VAC/60Hz
Classification : Class B
Test Result : Complied
Test Date : October 11, 2000
Report No. : 008H028FI



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: Kim Hung	Test Engineer: Calien Kang	Approved: Kevin Wang
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Handwritten signature of Calien Kang in blue ink.

Handwritten signature of Kevin Wang in blue ink.



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REFERENCE

LABORATORY OF LICENSE



1. General Information

1.1 EUT Description

Applicant	: PREMIER CAMERA TAIWAN LTD.
Address	: 7F, NO. 123, SEC. 1, NEI-HU RD., NEI-HU, TAIPEI, TAIWAN, R.O.C.
Equipment Type	: Digital Camera
Model	: DC-530
FCC ID	: NHN00530126
USB Cable	: Shielded, 1.6m
RCA Cable (Audio)	: Non-shielded, 1.8m
Earphone	: Non-shielded, 1m
Switching Power Supply	: DVE, DSA-015F-05 A, 3872F215 Cable Out: Non-shielded, 1.8m

Remark:

1. The EUT is a Digital Camera with MP3 function. The different function were tested individually.
2. QuieTek had verified 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-530
Serial Number : N/A
FCC ID : NHN00530126
Manufacturer : Premier
USB Cable : Shielded, 1.6m
RCA Cable (Audio) : Non-shielded, 1.8m
Earphone : Non-shielded, 1m
Switching Power Supply : DVE, DSA-015F-05 A, 3872F215
Cable Out: Non-shielded, 1.8m

1.2.2 Host Personal Computer

Model Number : P2L97
Serial Number : 92M4Y03978
FCC ID : DoC
Manufacturer : ASUS
Power Cord : Non-shielded, 1.8m

1.2.3 Monitor

Model Number : CM752ET-311
Serial Number : T8D003312
FCC ID : DoC
Manufacturer : HITACHI
Data Cable : Shielded, 1.6m
Power Cord : Shielded, 1.8m

1.2.4 Keyboard

Model Number : 6311-TW4C
Serial Number : 916590704C91F24346
FCC ID : DoC
Manufacturer : ACER
Data Cable : Shielded, 1.8m

1.2.5 Modem

Model Number : 1414
Serial Number : 980033032
FCC ID : IFAXDM1414
Manufacturer : ACEEX
Data Cable : Shielded, 1.5m
Power Adapter : ACCEX, SCP41-91000A
Cable Output : Shielded, 1.5m

1.2.6 Modem

Model Number : 1414
Serial Number : 980033034
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 : MY75N1D2BC
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 : LZB75078478
FCC ID : DZL211029
Manufacturer : HP
Data Cable : Shielded, 1.8m

1.2.9 Earphone

Model Number : PH136
Serial Number : N/A
Manufacturer : BSD
Data Cable : Shielded, 1.2m

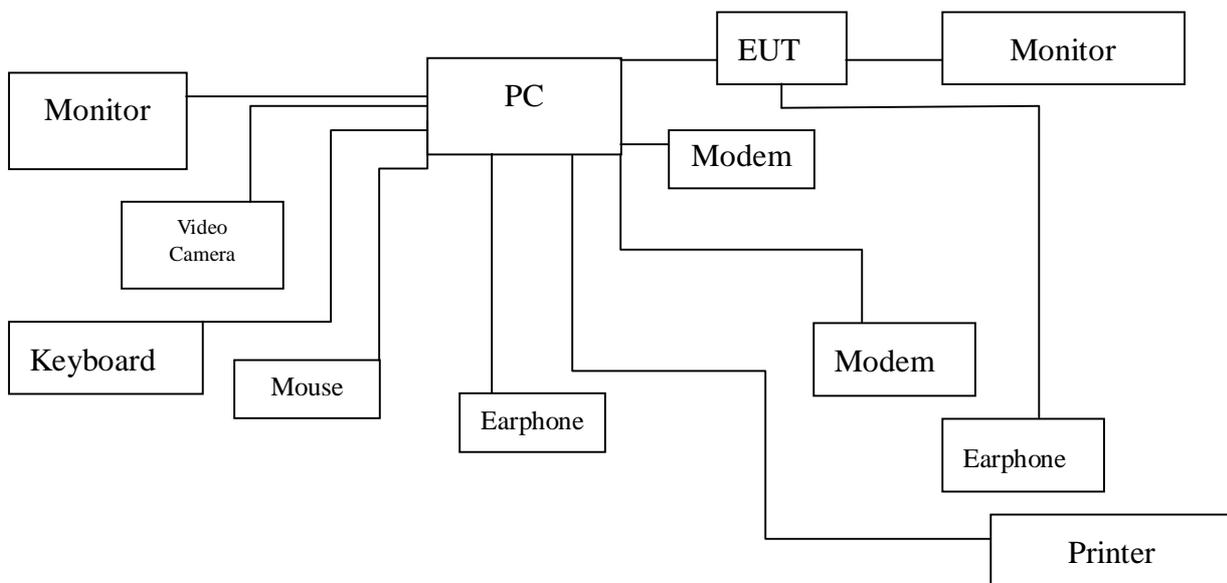
1.2.10 Video Camera

Model Number : Wcam 3X
Serial Number : N/A
FCC ID : DoC
Manufacturer : Mustek
Data Cable (USB) : Shielded, 1.5m

1.2.11 Monitor

Model Number : KV-14NX
Serial Number : 103125
BSMI ID : 3863A019
Manufacturer : SONY
Power Cord : Non-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 start to operate and capture the video figure into PC.
- 1.4.6 PC will display “video figure” on monitor.
- 1.4.7 Printer and modem will keep at standby mode during EUT operation.
- 1.4.8 Repeat the above procedure 1.4.4 to 1.4.7

1.5 Test performed

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

Radiated emissions were investigated 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 TÜV Rheinland
 Certificate No.: I9865712-9901



Name of firm : QuieTek Corporation

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

2. Conducted Emission

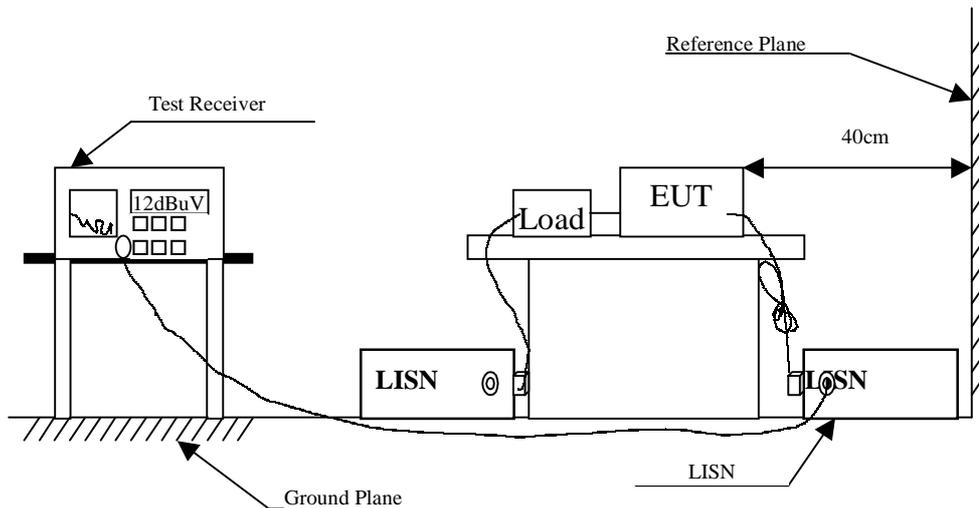
2.1 Test Equipment List

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 MHz	Class A		Class B		Frequency MHz	Class A		Class B	
	QP	AV	QP	AV		uV	dBuV	uV	dBuV
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

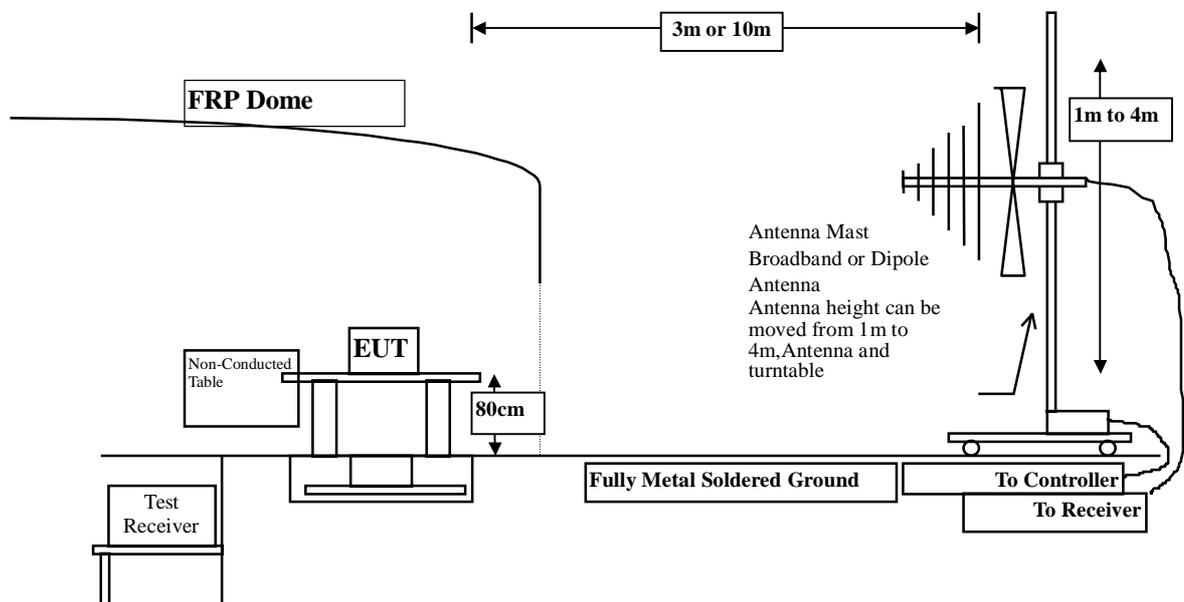
3.1 Test Equipment

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., 2000
	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., 2000
	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	Class A		Class B		Frequency	Class A		Class B	
MHz	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: 13
Attachment 2: EUT Test Photographs	Number of Pages: 6
Attachment 3: EUT Detailed Photographs	Number of Pages: 18



Attachment 1 : Summary of Test Results

The test results in the emission were 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 and immunity are listed as the attached data.

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

Mode 1: USB

Mode 2: PLAY

Mode 3: REC

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: $< \pm 2.0$ dB
- Uncertainty in the field strength measured: $< \pm 4.0$ dB

CONDUCTED EMISSION DATA

Date of Test : Oct. 11, 2000 EUT : DC-530
 Test Mode : Mode 1 Detect Mode : Quasi-Peak

Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level Line1 dBuV	Measurement Level Line1 dBuV	Li mi ts dBuV
0.271	0.03	0.10	45.90	46.03	61.09
0.540	0.07	0.10	40.90	41.07	56.00
0.811	0.09	0.10	40.10	40.29	56.00
1.340	0.12	0.11	40.80	41.03	56.00
1.630	0.13	0.12	40.00	40.25	56.00
*23.998	0.38	0.52	45.80	46.69	60.00

Average:

0.271	0.03	0.10	44.30	44.43	51.09
0.540	0.07	0.10	35.90	36.07	46.00
0.811	0.09	0.10	34.20	34.39	46.00
1.340	0.12	0.11	30.20	30.43	46.00
1.630	0.13	0.12	27.60	27.85	46.00
23.998	0.38	0.52	40.30	41.19	50.00

Remarks :

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

CONDUCTED EMISSION DATA

Date of Test : Oct. 11, 2000 EUT : DC-530
 Test Mode : Mode 1 Detect Mode : Quasi-Peak

Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level Line2 dBuV	Measurement Level Line2 dBuV	Limits dBuV
0.269	0.03	0.10	46.10	46.23	61.15
0.539	0.07	0.10	36.30	36.47	56.00
0.803	0.09	0.10	36.90	37.09	56.00
1.337	0.12	0.11	39.40	39.63	56.00
1.607	0.13	0.12	39.20	39.45	56.00
*23.998	0.38	0.52	45.00	45.89	60.00

Average:

0.269	0.03	0.10	44.00	44.13	51.15
0.539	0.07	0.10	28.10	28.27	46.00
0.803	0.09	0.10	28.10	28.29	46.00
1.337	0.12	0.11	27.90	28.13	46.00
1.607	0.13	0.12	26.80	27.05	46.00
23.998	0.38	0.52	39.60	40.49	50.00

Remarks :

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

CONDUCTED EMISSION DATA

Date of Test : Oct. 11, 2000 EUT : DC-530
 Test Mode : Mode 2 Detect Mode : Quasi-Peak

Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level Line1 dBuV	Measurement Level Line1 dBuV	Limits dBuV
0.263	0.03	0.10	45.90	46.03	61.34
0.539	0.07	0.10	41.10	41.27	56.00
0.795	0.09	0.10	39.60	39.79	56.00
1.060	0.10	0.10	37.00	37.21	56.00
1.328	0.12	0.11	40.70	40.93	56.00
*1.600	0.13	0.12	41.90	42.15	56.00

Average:

0.263	0.03	0.10	42.30	42.43	51.34
0.539	0.07	0.10	34.00	34.17	46.00
0.795	0.09	0.10	29.60	29.79	46.00
1.060	0.10	0.10	25.40	25.61	46.00
1.328	0.12	0.11	28.30	28.53	46.00
1.600	0.13	0.12	29.30	29.55	46.00

Remarks :

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

CONDUCTED EMISSION DATA

Date of Test : Oct. 11, 2000 EUT : DC-530
 Test Mode : Mode 2 Detect Mode : Quasi-Peak

Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level Line2 dBuV	Measurement Level Line2 dBuV	Limits dBuV
*0.267	0.03	0.10	46.80	46.93	61.21
0.537	0.07	0.10	37.20	37.37	56.00
0.811	0.09	0.10	40.40	40.59	56.00
1.072	0.10	0.10	37.00	37.21	56.00
1.353	0.12	0.11	40.90	41.13	56.00
1.895	0.14	0.13	36.40	36.67	56.00

Average:

0.267	0.03	0.10	44.00	44.13	51.21
0.537	0.07	0.10	29.30	29.47	46.00
0.811	0.09	0.10	31.90	32.09	46.00
1.072	0.10	0.10	30.10	30.31	46.00
1.353	0.12	0.11	29.90	30.13	46.00
1.895	0.14	0.13	21.20	21.47	46.00

Remarks :

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

CONDUCTED EMISSION DATA

Date of Test : Oct. 11, 2000 EUT : DC-530
 Test Mode : Mode 3 Detect Mode : Quasi-Peak

Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level Line1 dBuV	Measurement Level Line1 dBuV	Limits dBuV
*0.267	0.03	0.10	47.20	47.33	61.21
0.533	0.07	0.10	41.60	41.77	56.00
0.795	0.09	0.10	42.00	42.19	56.00
1.063	0.10	0.10	38.50	38.71	56.00
1.329	0.12	0.11	42.10	42.33	56.00
1.636	0.13	0.12	42.30	42.55	56.00

Average:

0.267	0.03	0.10	46.10	46.23	51.21
0.533	0.07	0.10	37.80	37.97	46.00
0.795	0.09	0.10	34.20	34.39	46.00
1.063	0.10	0.10	33.70	33.91	46.00
1.329	0.12	0.11	34.00	34.23	46.00
1.636	0.13	0.12	30.50	30.75	46.00

Remarks :

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

CONDUCTED EMISSION DATA

Date of Test : Oct. 11, 2000 EUT : DC-530
 Test Mode : Mode 3 Detect Mode : Quasi-Peak

Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level Line2 dBuV	Measurement Level Line2 dBuV	Li mi ts dBuV
0.267	0.03	0.10	46.70	46.83	61.21
0.806	0.09	0.10	39.50	39.69	56.00
1.072	0.10	0.10	36.40	36.61	56.00
1.350	0.12	0.11	41.40	41.63	56.00
*1.603	0.13	0.12	41.60	41.85	56.00
2.427	0.15	0.14	34.90	35.19	56.00

Average:

0.267	0.03	0.10	44.60	44.73	51.21
0.806	0.09	0.10	34.60	34.79	46.00
1.072	0.10	0.10	32.50	32.71	46.00
1.350	0.12	0.11	31.90	32.13	46.00
1.603	0.13	0.12	26.50	26.75	46.00
2.427	0.15	0.14	24.60	24.89	46.00

Remarks :

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

RADIATED EMISSION DATA

Date of Test : Oct. 11, 2000 EUT : DC-530
 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
119.979	2.02	12.02	0.00	6.70	20.74	9.26	30.00	398	16
143.979	2.24	11.16	0.00	7.58	20.98	9.02	30.00	398	37
191.993	2.71	9.00	0.00	10.84	22.55	7.45	30.00	398	130
*335.984	3.94	13.76	0.00	13.14	30.84	6.16	37.00	262	183
479.986	4.69	17.00	0.00	5.74	27.43	9.57	37.00	184	123
623.960	5.43	19.29	0.00	5.78	30.50	6.50	37.00	159	164
719.939	5.94	19.71	0.00	5.94	31.59	5.41	37.00	136	147
815.946	6.44	20.53	0.00	3.26	30.23	6.77	37.00	136	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 : Oct. 11, 2000 EUT : DC-530
 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
*119.989	2.02	11.56	0.00	11.44	25.02	4.98	30.00	100	109
143.983	2.24	10.86	0.00	9.24	22.34	7.66	30.00	100	185
191.987	2.71	8.88	0.00	9.22	20.81	9.19	30.00	100	112
239.989	3.17	11.22	0.00	14.48	28.87	8.13	37.00	100	113
479.959	4.69	17.20	0.00	5.40	27.29	9.71	37.00	100	116
623.971	5.43	18.49	0.00	4.44	28.36	8.64	37.00	292	10
719.989	5.94	19.02	0.00	5.04	30.00	7.00	37.00	222	161
815.951	6.44	19.54	0.00	4.68	30.67	6.33	37.00	189	24
912.004	6.95	20.05	0.00	4.58	31.58	5.42	37.00	170	21

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 : Oct. 11, 2000 EUT : DC-530
 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
*143.982	2.24	11.16	0.00	11.52	24.92	5.08	30.00	400	192
192.000	2.71	9.00	0.00	9.95	21.66	8.34	30.00	400	83
216.000	2.94	9.11	0.00	9.51	21.56	8.44	30.00	400	88
431.980	4.44	16.31	0.00	7.74	28.49	8.51	37.00	150	139
527.975	4.94	17.67	0.00	5.00	27.62	9.38	37.00	236	160
575.975	5.20	18.72	0.00	4.77	28.68	8.32	37.00	131	68
623.975	5.43	19.29	0.00	5.72	30.44	6.56	37.00	137	74
719.975	5.94	19.71	0.00	3.30	28.95	8.05	37.00	101	98
815.975	6.44	20.53	0.00	1.58	28.55	8.45	37.00	100	93
911.975	6.95	21.05	0.00	-0.09	27.91	9.09	37.00	100	77

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 : Oct. 11, 2000 EUT : DC-530
 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
*47.993	1.33	8.03	0.00	16.90	26.26	3.74	30.00	100	104
131.990	2.13	11.49	0.00	7.81	21.44	8.56	30.00	100	70
167.980	2.48	9.67	0.00	10.46	22.61	7.39	30.00	100	99
192.000	2.71	8.88	0.00	14.35	25.94	4.06	30.00	100	0
215.985	2.94	9.13	0.00	8.72	20.79	9.21	30.00	100	135
527.955	4.94	17.43	0.00	4.71	27.08	9.92	37.00	400	204
575.963	5.20	18.47	0.00	4.50	28.17	8.83	37.00	270	115
623.963	5.43	18.49	0.00	5.54	29.46	7.54	37.00	270	115
699.250	5.83	18.69	0.00	3.89	28.41	8.59	37.00	263	204
719.960	5.94	19.02	0.00	3.98	28.94	8.06	37.00	293	116

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 : Oct. 11, 2000 EUT : DC-530
 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
*144.000	2.24	11.16	0.00	10.56	23.96	6.04	30.00	400	26
192.000	2.71	9.00	0.00	10.21	21.92	8.08	30.00	400	76
216.000	2.94	9.11	0.00	10.76	22.81	7.19	30.00	400	79
432.000	4.44	16.31	0.00	6.96	27.71	9.29	37.00	225	93
528.000	4.94	17.67	0.00	8.02	30.64	6.36	37.00	176	191
575.972	5.20	18.72	0.00	3.77	27.68	9.32	37.00	232	204
623.972	5.43	19.29	0.00	2.96	27.68	9.32	37.00	232	204
719.972	5.94	19.71	0.00	3.16	28.81	8.19	37.00	143	184
767.972	6.20	20.18	0.00	1.17	27.54	9.46	37.00	100	102
815.972	6.44	20.53	0.00	2.00	28.97	8.03	37.00	100	108
911.972	6.95	21.05	0.00	-0.32	27.68	9.32	37.00	100	83

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 : Oct. 11, 2000 EUT : DC-530
 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	16.66	26.02	3.98	30.00	100	204
*120.000	2.02	11.56	0.00	14.12	27.70	2.30	30.00	100	192
144.000	2.24	10.86	0.00	13.74	26.84	3.16	30.00	100	60
192.000	2.71	8.88	0.00	15.85	27.44	2.56	30.00	100	80
216.000	2.94	9.13	0.00	11.48	23.55	6.45	30.00	100	136
527.990	4.94	17.43	0.00	7.51	29.88	7.12	37.00	310	164
623.990	5.44	18.50	0.00	7.16	31.11	5.89	37.00	261	118
671.990	5.70	18.58	0.00	5.58	29.85	7.15	37.00	194	132
719.990	5.94	19.02	0.00	8.36	33.32	3.68	37.00	187	153
767.990	6.20	19.03	0.00	5.35	30.57	6.43	37.00	196	125
815.990	6.44	19.54	0.00	5.79	31.78	5.22	37.00	171	124
911.990	6.95	20.05	0.00	3.51	30.51	6.49	37.00	141	140

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