



Test Report

Product Name : SOLAR Camera

Model No. : CC128

FCC ID. : FU5CC128

Applicant : EVERSPRING INDUSTRY CO., LTD.

Address : 6th fl. 609 Wan Shou Road Sec. 1, Kweishan,
Taoyuan Hsien 333, Taiwan, R.O.C.

Date of Receipt : Feb. 21, 2002

Date of Test : Mar. 29, 2002

Report No. : 022L031FI

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

Test Report Certification

Test Date : Mar. 29, 2002

Report No. : 022L031FI



Accredited by NIST (NVLAP)

NVLAP Lab Code: 200347-0

Product Name : SOLAR Camera

Applicant : EVERSPRING INDUSTRY CO., LTD.

Address : 6th fl. 609 Wan Shou Road Sec. 1, Kweishan,
Taoyuan Hsien 333, Taiwan, R.O.C.

Manufacturer : EVERSPRING INDUSTRY CO., LTD.

Model No. : CC128

FCC ID : FU5CC128

Rated Voltage : DC 6V

Trade Name : EVERSPRING

Measurement Standard : FCC Part 15 Subpart C Paragraph 15.249

Measurement Procedure : ANSI C63.4:1992

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 :

Melody Hsu
(Melody Hsu)

Tested By :

Wallace Pan
(Wallace Pan)

Approved By :

Gene Chang
(Gene Chang)

TABLE OF CONTENTS

Description	Page
1. GENERAL INFORMATION	4
1.1. EUT Description.....	4
1.2. Operation Description	4
1.3. Tested System Details.....	5
1.4. Configuration of Tested System	5
1.5. EUT Exercise Software	5
1.6. Test Facility	6
2. Conducted Emission	6
2.1. Test Equipment List.....	7
2.2. Test Setup	7
2.3. Limits.....	7
2.4. Test Procedure	8
2.5. Test Result of Conducted Emission.....	9
3. Radiated Emission	10
3.1. Test Equipment	10
3.2. Test Setup	10
3.3. Limits.....	11
3.4. Test Procedure	12
3.5. Test Result of Radiated Emission.....	13
4. Band Edge	20
4.1. Test Equipment	20
4.2. Test Setup	20
4.3. Test Condition.....	21
4.4. Standard Requirement	21
4.5. Test Result of Band Edge	22
5. EMI Reduction Method During Compliance Testing	24
Attachment 1: EUT Test Photographs	
Attachment 2: EUT Detailed Photographs	

1. GENERAL INFORMATION

1.1. EUT Description

Product Name : SOLAR Camera
Trade Name : EVERSPRING
FCC ID. : FU5CC128
Model No. : CC128
Frequency Range : 2413 MHz to 2470MHz
Channel Number : 4
Type of Modulation : FM
Antenna type : Soldered on PCB
Operator Selection of
Operating Frequency : Manual Switch

Frequency of each Channel

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Channel 1:	2413	Channel 2:	2432	Channel 3:	2451
Channel 4:	2470				

Note:

1. This device is an SOLAR Camera included a 2.4GHz transmitting function.
2. Regards to the frequency band operation; the lowest middle and highest frequency of channel were selected to perform the test, then shown on this report.
3. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.249 for non-spread spectrum devices.
4. This device is a composite device in accordance with Part 15 regulations. The function for the receiver was, measured and made a test report that the report number is 022L031F, certified under verification.

1.2. Operation Description

The EUT is SOLAR Camera. The operation frequency is from 2.413GHz to 2.470GHz with FM modulation. Four manually selectable channels were built in the EUT. The signal will be transmitted through 2.4 GHz FM RF signal from the patch antenna soldered on PCB from EUT to receiver. DC 6V(Battery) shall be provided for EUT operation.

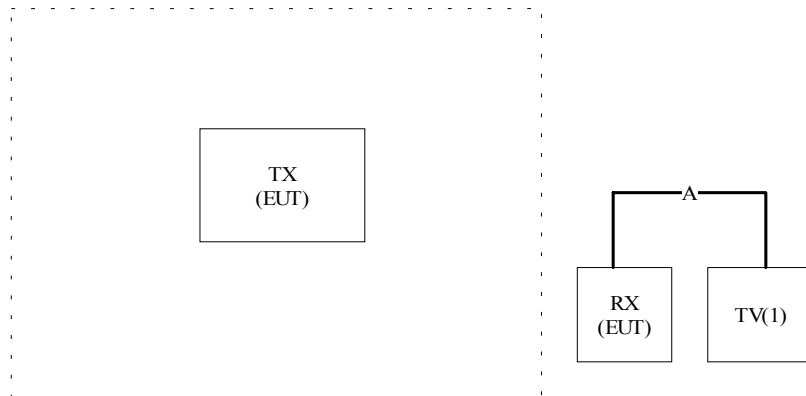
1.3. Tested System Details

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

Product	Manufacturer	Model No.	Serial No.	Power Cord
(1) Monitor	SONY	PVM-14M2U	2105939	Non-shielded, 1.8m

Signal Cable Type	Signal Cable Description
A. RCA Cable (3-3)	Non-shielded, 1.5m

1.4. Configuration of Tested System



1.5. EUT Exercise Software

- (1) Setup the EUT and simulators as shown on 1.3.
- (2) EUT power on.
- (3) Enable RF signal, EUT will work on typical operation.

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: April 22, 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

Site Name: Quietek Corporation

Site Address: No. 5-22, Ruei-Shu Valley, Ruei-Ping Tsuen,
 Lin Kou Shiang, Taipei 244 Taiwan, R.O.C.
 TEL : 886-2-8601-3788 / FAX : 886-2-8601-3789
 E-Mail : service@quietek.com

2. Conducted Emission

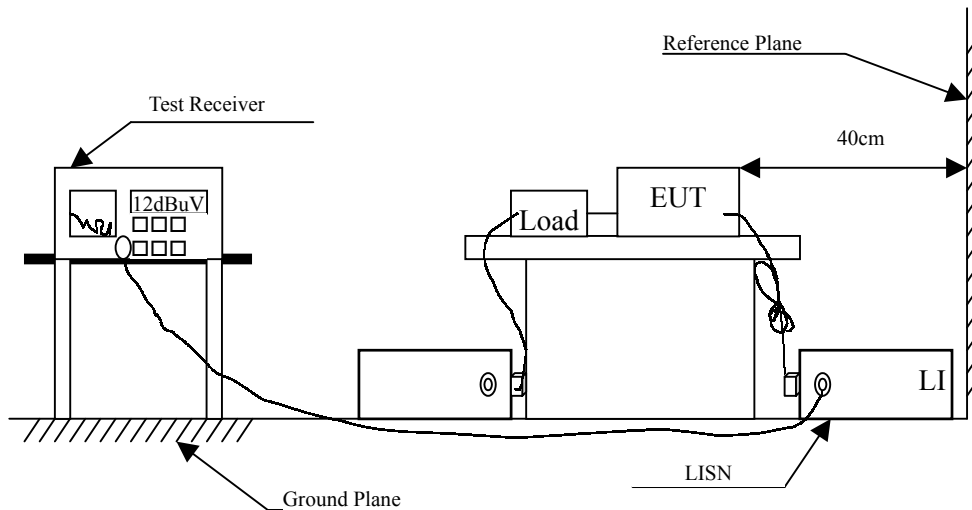
2.1. Test Equipment List

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

FCC Part 15 Paragraph 15.207 (dBuV)		
Frequency MHz	Limits	
	uV	dBuV
0.45 - 30	250	48.0

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 investigated over the frequency range from 0.45MHz to 30MHz using a receiver bandwidth of 9kHz.

2.5. Test Result of Conducted Emission

Owing to the DC operation of EUT, this test item in not performed.

3. Radiated Emission

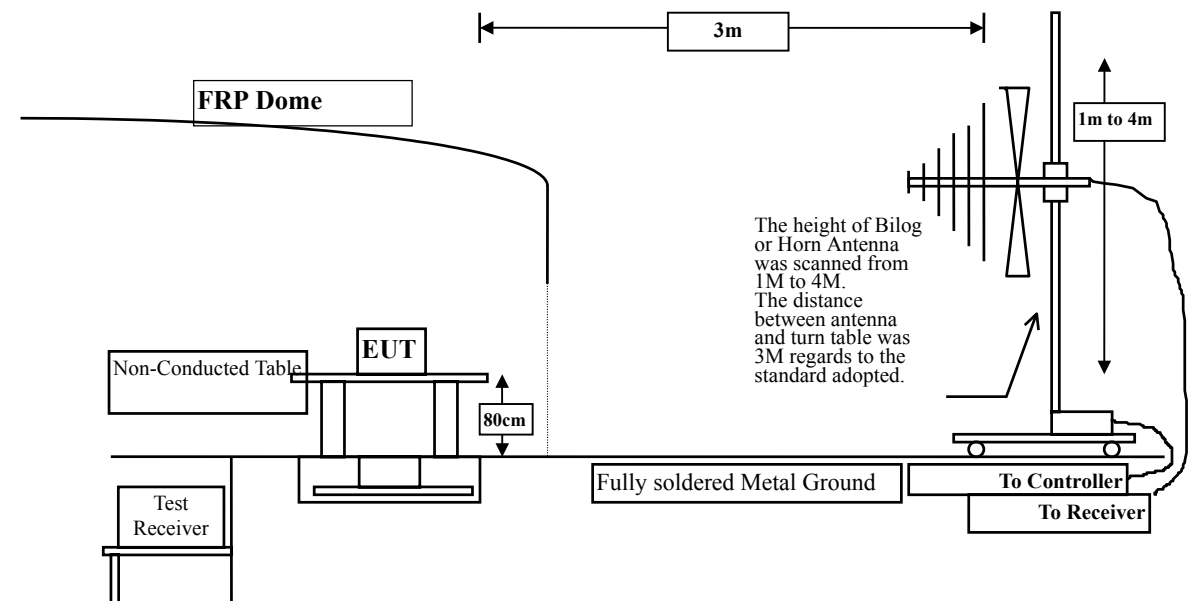
3.1. Test Equipment

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

Test Site	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
<input type="checkbox"/> Site # 1	Test Receiver	R & S	ESVS 10 / 834468/003	July, 2001
	Spectrum Analyzer	Advantest	R3162/ 00803480	May, 2001
	Pre-Amplifier	Advantest	BB525C/ 3307A01812	May, 2001
	Bilog Antenna	SCHAFFNER	CBL6112B / 2697	Nov., 2001
<input type="checkbox"/> Site # 2	Test Receiver	R & S	ESCS 30 / 836858 / 022	Nov., 2001
	Spectrum Analyzer	Advantest	3162 / 100803466	May, 2001
	Pre-Amplifier	Advantest	BB525C/3307A01814	May, 2001
	Bilog Antenna	SCHAFFNER	CBL6112B / 2705	Oct., 2001
	Horn Antenna	ETS	3115 / 0005-6160	July, 2001
	Pre-Amplifier	QTK	QTK-AMP-01/ 0001	July, 2001
<input checked="" type="checkbox"/> Site # 3	Test Receiver	R & S	ESI 26 / 838786 / 004	May, 2001
	Spectrum Analyzer	Advantest	3162 / 100803480	May, 2001
	Pre-Amplifier	QTK	QTK-AMP-03 / 0003	May, 2001
	Bilog Antenna	SCHAFFNER	CBL6112B / 2697	May, 2001
	Horn Antenna	ETS	3115 / 0005-6160	July, 2001
	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

➤ Fundamental and Harmonics Emission Limits

FCC Part 15 Subpart B Paragraph 15.249(a) Limits						
Frequency MHz	Field Strength of Fundamental			Field Strength of Harmonics		
	(mV/m @3m)	(dBuV/m @3m)		(uV/m @3m)	(dBuV/m @3m)	
902-928	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)
2400-2483.5	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)
5725-5875	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)

➤ General Radiated Emission Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart B Paragraph 15.209(a) Limits		
Frequency MHz	uV/m @3m	dBuV/m@3m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

- Remarks :
1. RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)
 2. In the Above Table, the tighter limit applies at the band edges.
 3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3.4. 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 3 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 investigated over the frequency range from 30MHz to 1GHz using a receiver bandwidth of 120kHz. Radiated was performed at an antenna to EUT distance of 3 meters.

The frequency range from 30MHz to 10th harmonics is checked.

3.5. Test Result of Radiated Emission

Product : SOLAR Camera
 Test Item : Fundamental Radiated Emission Data
 Test Site : No.3 OATS
 Test Mode : Normal Operation

Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Emission Level	Margin	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m
Peak Detector (Horizontal)							
Channel 1							
2413.600	4.02	28.63	20.04	73.89	86.50	27.50	114.00
Channel 2							
2432.950	4.05	28.66	20.02	74.07	86.77	27.23	114.00
Channel 4							
2467.660	4.08	28.73	20.00	72.44	85.25	28.75	114.00
Average Detector (Horizontal)							
Channel 1							
2412.815	4.02	28.63	20.04	68.64	81.25	12.75	94.00
Channel 2							
2431.780	4.05	28.66	20.02	70.01	82.71	11.29	94.00
Channel 4							
2469.603	4.08	28.73	20.00	67.02	79.83	14.17	94.00
Peak Detector (Vertical)							
Channel 1							
2413.810	4.02	28.63	20.04	69.48	82.09	31.91	114.00
Channel 2							
2429.860	4.05	28.66	20.02	68.98	81.68	32.32	114.00
Channel 4							
2467.470	4.08	28.73	20.00	66.96	79.77	34.23	114.00
Average Detector (Vertical)							
Channel 1							
2413.810	4.02	28.63	20.04	63.05	75.66	18.34	94.00
Channel 2							
2431.375	4.05	28.66	20.02	64.30	77.00	17.00	94.00
Channel 4							
2468.867	4.08	28.73	20.00	60.80	73.61	20.39	94.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Emission Level = Reading Level + Probe Factor + Cable loss
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : SOLAR Camera
 Test Item : Harmonic Radiated Emission Data
 Test Site : No.3 OATS
 Test Mode : Channel 1

Freq.	Cable	Probe	PreAMP	Reading	Emission	Margin	Limit
MHz	Loss	Factor	dB	Level	Level	dB	dBuV/m
	dB	dB/m		dBuV	dBuV/m		
Peak Detector (Horizontal)							
4823.230	6.19	33.70	19.50	42.00	62.39	11.61	74.00
7240.800	7.35	36.72	18.32	35.22	60.97	13.03	74.00
9652.800	8.96	38.44	15.79	26.73	58.34	15.66	74.00
12066.000	9.45	38.54	16.31	26.7	58.38	15.62	74.00
Average Detector (Horizontal)							
4824.210	6.19	33.70	19.50	28.00	48.39	5.61	54.00
7240.800	7.35	36.72	18.32	24.19	49.94	1.06	54.00
9655.200	8.96	38.44	15.79	17.54	49.15	4.85	54.00
12069.000	9.45	38.54	16.31	17.14	48.82	5.18	54.00
Peak Detector (Vertical)							
4824.620	6.19	33.7	19.50	34.63	55.02	18.98	74.00
7280.800	7.37	36.84	18.28	35.22	61.14	12.86	74.00
9652.800	8.96	38.44	15.79	26.73	58.34	15.66	74.00
12066.000	9.45	38.54	16.31	26.7	58.38	15.62	74.00
Average Detector (Vertical)							
4825.145	6.19	33.70	19.50	24.43	44.82	9.18	54.00
7240.800	7.35	36.72	18.32	23.10	48.85	5.15	54.00
9655.200	8.96	38.44	15.79	17.54	49.15	4.85	54.00
12069.000	9.45	38.54	16.31	17.14	48.82	5.18	54.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Emission Level = Reading Level + Probe Factor + Cable loss
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : SOLAR Camera
 Test Item : Harmonic Radiated Emission Data
 Test Site : No.3 OATS
 Test Mode : Channel 2

Freq.	Cable	Probe	PreAMP	Reading	Emission	Margin	Limit
MHz	Loss	Factor		Level	Level		
	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m
Peak Detector (Horizontal)							
4862.015	6.21	33.80	19.50	34.63	55.14	18.86	74.00
7293.795	7.37	36.84	18.28	35.22	61.14	12.86	74.00
9731.800	8.96	38.44	15.79	26.73	58.34	15.66	74.00
12164.750	10.13	39.07	16.31	26.7	59.59	14.41	74.00
Average Detector (Horizontal)							
4862.015	6.21	33.80	19.50	27.14	47.65	6.35	54.00
7293.795	7.37	36.84	18.28	23.34	49.26	4.74	54.00
9731.800	8.96	38.44	15.79	17.54	49.15	4.85	54.00
12164.750	10.13	39.07	16.31	17.14	50.03	3.97	54.00
Peak Detector (Vertical)							
4862.015	6.21	33.80	19.50	33.67	54.18	19.82	74.00
7293.795	7.37	36.84	18.28	35.22	61.14	12.86	74.00
9731.800	8.96	38.44	15.79	26.73	58.34	15.66	74.00
12164.750	10.13	39.07	16.31	26.7	59.59	14.41	74.00
Average Detector (Vertical)							
4862.410	6.21	33.80	19.50	26.05	46.56	7.44	54.00
7293.795	7.37	36.84	18.28	22.33	48.25	5.75	54.00
9731.800	8.96	38.44	15.79	17.54	49.15	4.85	54.00
12164.750	10.13	39.07	16.31	17.14	50.03	3.97	54.00

Note:

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 + Probe Factor + Cable loss
4. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : SOLAR Camera
 Test Item : Harmonic Radiated Emission Data
 Test Site : No.3 OATS
 Test Mode : Channel 4

Freq.	Cable	Probe	PreAMP	Reading	Emission	Margin	Limit
MHz	Loss	Factor	dB	Level	Level	dB	dBuV/m
	dB	dB/m		dBuV	dBuV/m		
Peak Detector (Horizontal)							
4939.286	6.25	34.04	19.49	32.56	53.36	20.64	74.00
7408.894	7.44	37.10	18.17	35.23	61.60	12.40	74.00
9870.640	8.76	38.25	15.87	26.73	57.87	16.13	74.00
12338.300	9.94	39.03	15.97	26.7	59.7	14.3	74.00
Average Detector (Horizontal)							
4939.286	6.25	34.04	19.49	22.81	43.61	10.39	54.00
7408.894	7.44	37.10	18.17	23.87	50.24	3.76	54.00
9870.640	8.76	38.25	15.87	17.54	48.68	5.32	54.00
12338.300	9.94	39.03	15.97	17.14	50.14	3.86	54.00
Peak Detector (Vertical)							
4939.286	6.25	34.04	19.49	32.56	53.36	20.64	74.00
7408.894	7.44	37.10	18.17	35.60	61.97	12.03	74.00
9870.640	8.76	38.25	15.87	26.73	57.87	16.13	74.00
12338.300	9.94	39.03	15.97	26.7	59.7	14.3	74.00
Average Detector (Vertical)							
4939.286	6.25	34.04	19.49	22.81	43.61	10.39	54.00
7408.894	7.44	37.10	18.17	22.75	49.12	4.88	54.00
9870.640	8.76	38.25	15.87	17.54	48.68	5.32	54.00
12338.300	9.94	39.03	15.97	17.14	50.14	3.86	54.00

Note:

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 + Probe Factor + Cable loss
4. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : SOLAR Camera
 Test Item : General Radiated Emission Data
 Test Site : No.3 OATS
 Test Mode : Channel 1

Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Emission Level	Margin	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal:							
39.800	0.92	12.54	0.00	3.20	16.66	23.34	40.00
64.200	1.04	6.13	0.00	4.20	11.38	28.62	40.00
87.260	1.16	8.06	0.00	4.20	13.43	26.57	40.00
110.560	1.28	11.12	0.00	4.26	16.66	26.84	43.50
168.420	1.58	8.52	0.00	5.80	15.91	27.59	43.50
* 200.660	1.75	8.30	0.00	13.60	23.65	19.85	43.50

Vertical:							
* 36.230	0.90	15.48	0.00	4.50	20.88	19.12	40.00
48.250	0.96	7.00	0.00	4.90	12.87	27.13	40.00
64.240	1.04	6.13	0.00	6.80	13.98	26.02	40.00
88.260	1.17	7.94	0.00	4.60	13.71	29.79	43.50
110.260	1.28	11.12	0.00	5.60	18.00	25.50	43.50
200.003	1.74	8.40	0.00	12.68	22.82	20.68	43.50

Note:

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 + Probe Factor + Cable loss.

Product : SOLAR Camera
 Test Item : General Radiated Emission Data
 Test Site : No.3 OATS
 Test Mode : Channel 2

Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Emission Level	Margin	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal:							
61.020	1.03	5.29	0.00	16.70	23.02	16.98	40.00
135.250	1.41	11.59	0.00	8.01	21.01	22.49	43.50
225.900	1.88	9.13	0.00	10.11	21.12	24.88	46.00
405.991	2.80	15.30	0.00	12.66	30.76	15.24	46.00
521.998	3.41	16.53	0.00	7.63	27.57	18.43	46.00
* 896.200	5.34	19.57	0.00	7.69	32.60	13.40	46.00

Vertical:

* 63.720	1.04	6.13	0.00	22.34	29.52	10.48	40.00
65.200	1.06	5.93	0.00	21.51	28.50	11.50	40.00
115.995	1.32	10.53	0.00	10.43	22.28	21.22	43.50
227.100	1.89	9.41	0.00	10.76	22.06	23.94	46.00
227.100	1.89	9.41	0.00	8.76	20.06	25.94	46.00
405.986	2.80	17.02	0.00	14.29	34.11	11.89	46.00
636.989	4.00	18.40	0.00	12.84	35.23	10.77	46.00

Note:

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 + Probe Factor + Cable loss- Pre Amp.

Product : SOLAR Camera
 Test Item : General Radiated Emission Data
 Test Site : No.3 OATS
 Test Mode : Channel 4

Freq.	Cable Loss	Probe Factor	PreAMP	Reading Level	Emission Level	Margin	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal:							
62.023	1.03	5.45	0.00	18.55	25.02	14.98	40.00
145.250	1.47	10.56	0.00	14.28	26.30	17.20	43.50
230.900	1.90	9.57	0.00	11.02	22.50	23.50	46.00
560.200	3.60	17.32	0.00	11.20	32.12	13.88	46.00
650.200	4.06	18.64	0.00	7.80	30.50	15.50	46.00
* 850.200	5.10	19.90	0.00	10.30	35.30	10.70	46.00

Vertical:							
40.200	0.92	12.54	0.00	9.66	23.12	16.88	40.00
65.200	1.06	5.93	0.00	18.47	25.46	14.54	40.00
120.500	1.33	10.66	0.00	21.41	33.40	10.10	43.50
230.500	1.90	9.73	0.00	23.48	35.12	10.88	46.00
560.450	3.60	19.04	0.00	10.96	33.60	12.40	46.00
* 800.200	4.83	19.34	0.00	12.06	36.23	9.77	46.00

Note:

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 + Probe Factor + Cable loss- Pre Amp.

4. Band Edge

4.1. Test Equipment

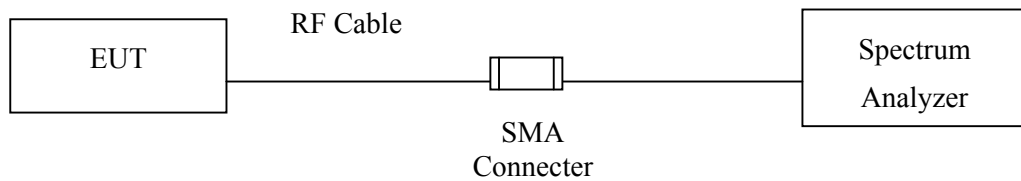
The following test equipments are used during the band edge tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Spectrum Analyzer	Advantest	R3272 / 72421194	May, 2001
X	Test Receiver	R & S	ESCS 30 / 825442/14	May, 2001
X	Spectrum Analyzer	Advantest	R3261C / 71720140	May, 2001
X	Pre-Amplifier	HP	8447D/3307A01812	May, 2001
X	Bilog Antenna	Chase	CBL6112B / 12452	Sep., 2001
X	Horn Antenna	EM	EM6917 / 103325	May, 2001

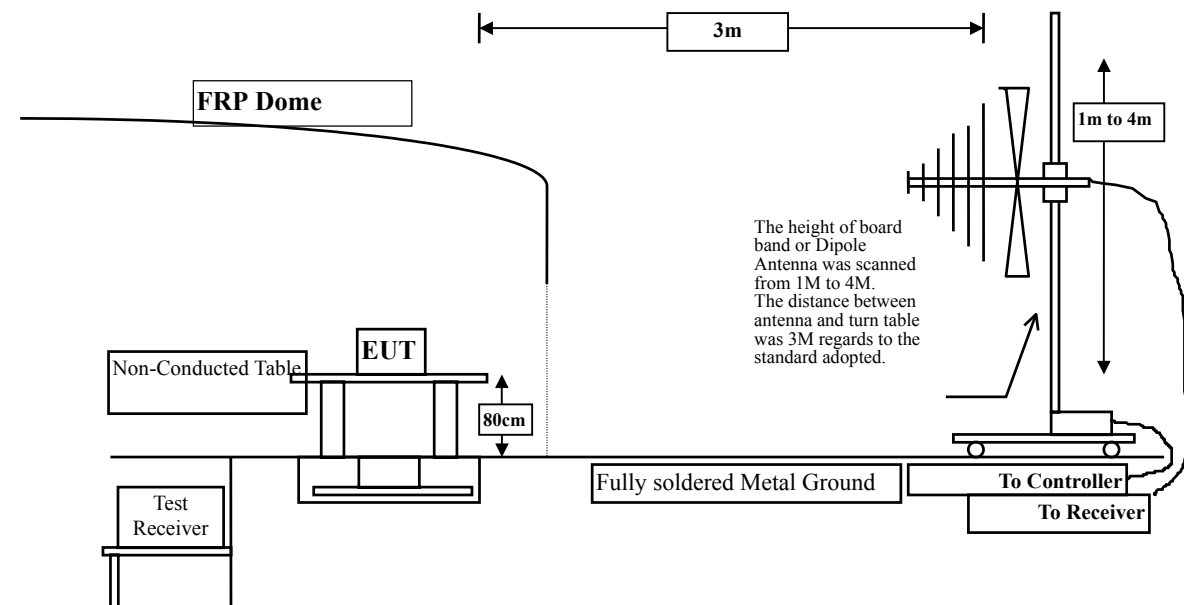
- Note: 1. All equipments that need to calibrate are with calibration period of 1 year.
 2. Mark "X" test instruments are used to measure the final test results.

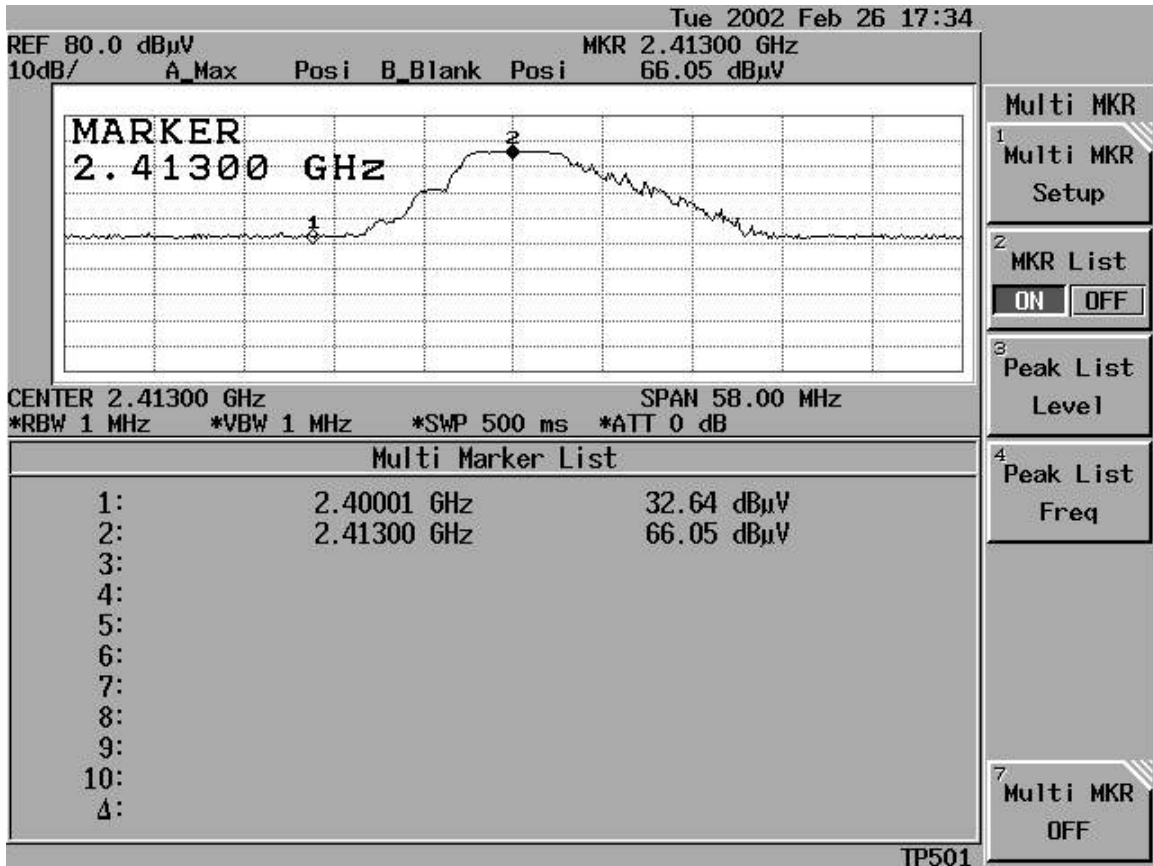
4.2. Test Setup

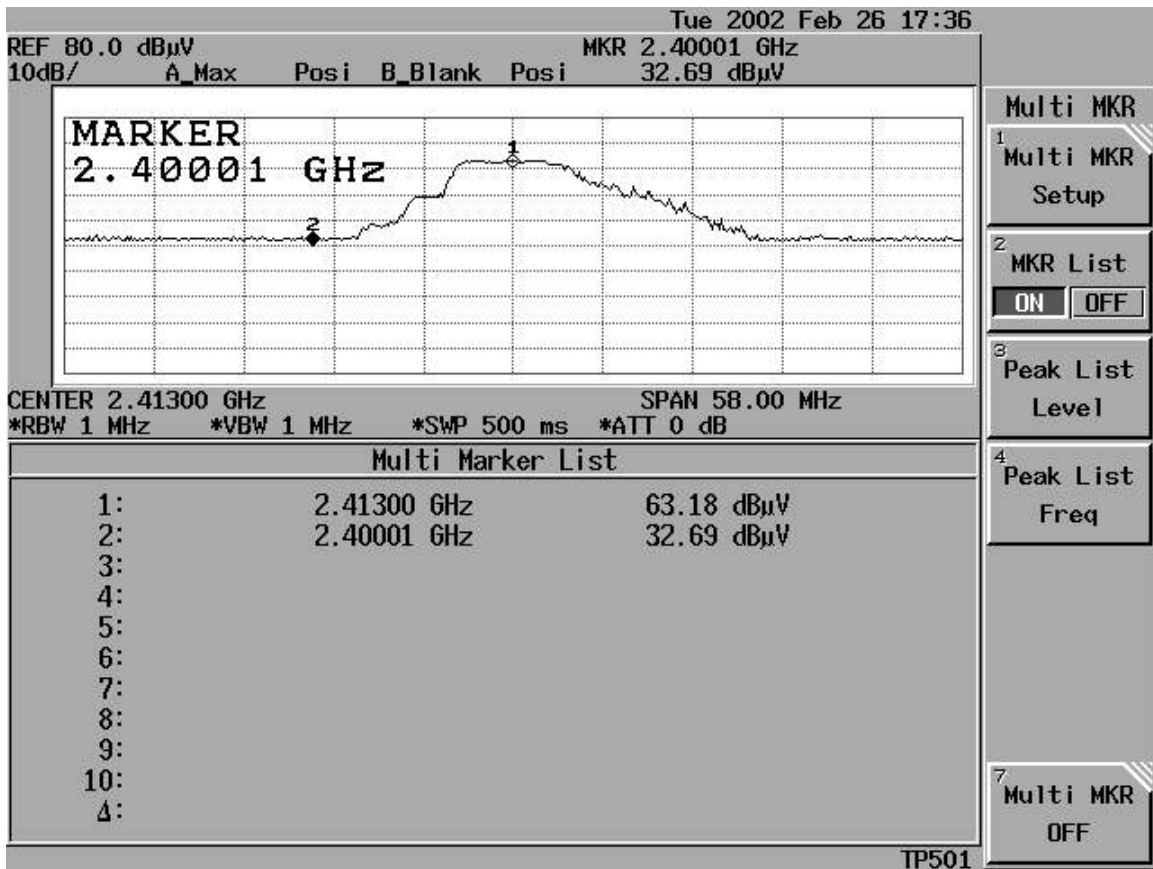
RF Conducted Measurement:



RF Radiated Measurement:







4.3. Test Condition

Standard Temperature and Humidity, Standard Test Voltage

4.4. Standard Requirement

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 50 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

5. EMI Reduction Method During Compliance Testing

No modification was made during testing.