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Work Order: 2001329 /
Quote Number: QRTL01-358
Dates of Tests: 12/04/2001
FCC Part 15 Certification

CERTIFICATE OF COMPLIANCE
FCC PART 15.247 CERTIFICATION & INDUSTRY CANADA CERTIFICATION

Test Lab:	Applicant Information
Rhein Tech Laboratories, Inc. 360 Herndon Parkway Suite 1400 Herndon, VA 20170 Phone: 703-689-0368 Fax: 703-689-2056 Web Site: www.rheintech.com	Matsushita Electric Industrial Co., Ltd 1006 Oaza Kadoma Kadoma, Osaka 571 Japan Phone: 06-6907-4050 Fax: 06-6906-3361

FCC Classification:	DSS – Spread Spectrum Transmitter
FCC Rule Part(s):	Part 15.247: Operation within the bands 920-928 MHz, 2400-2483.5 MHz and 5725-5850 MHz ☐ Frequency Hopping System ☒ Direct Sequence System ☐ Hybrid System
Industry Canada Standard:	RSS-210: Low Power Licence-Exempt Radiocommunication Devices (All Frequency Bands) RSS-210 Section 6.2.2(o): 902-928 MHz, 2400-2483.5 MHz and 5725-5850 MHz

FCC ID:	ACJ9TGCF-281	**MAX. RF OUTPUT POWER:**	0.1W
FRN Number:	0005-8005-60	**Frequency Tolerance:**	N/A
Equipment Type:	PCMCIA card	**Emission Designator:**	N/A
Tx Frequency Range:	2412-2462	**Date of Test Report:**	December 4, 2001
Rx Frequency Range:	2412-2462	**Platform:**	CF-28
Model(s):	AIR-LMC 352 series		

We, the undersigned, hereby declare that the equipment tested and referenced in this report conforms to the identified standard(s) as described in this test report. No modifications were made to the equipment during testing in order to achieve compliance with these standards.

Furthermore, there was no deviation from, additions to or exclusions from the FCC Part 2, FCC Part 15, Industry Canada RSS-210, ANSI C63.4, ANSI/TIA/EIA603 and ANSI/TIA/EIA 603-1.

Signature: _____ Date: December 7, 2001

Typed/Printed Name: Desmond A. Fraser Position: President
(NVLAP Signatory)

NVLAP *Accredited by the National Voluntary Accreditation Program for the specific scope of accreditation under Lab Code 200061-0.*

Note: This report may not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.

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1 GENERAL INFORMATION

1.1 SCOPE

FCC Rules Part 15.247: Frequency Hopping, Direct Spread Spectrum and Hybrid Systems that are in operation within the bands of 902-928 MHz, 2400-2483.5 MHz and 5725-5850 MHz.

IC RSS-210 Section 6.2.2(o): Frequency Hopping, Direct Spread Spectrum and Hybrid Systems that are in operation within the bands of 902-928 MHz, 2400-2483.5 MHz and 5725-5850 MHz.

A direct sequence (DS) system is a spread spectrum (SS) system in which the carrier has been modulated by a high speed spreading code and an information data stream. The high-speed code sequence dominates the "modulating function" and is the direct cause of the wide spreading of the transmitted signal.

1.2 TEST FACILITY

The open area test site and conducted measurement facility used to collect the radiated data is located at 360 Herndon Parkway, Suite 1400, Herndon, Virginia 20170. This site has been fully described in a report and approved by the Federal Communication Commission to perform AC line conducted and radiated emissions testing (ANSI C63.4 1992).

1.3 RELATED SUBMITAL(S)/GRANT(S)

The original application was granted under FCC ID: LDK102040. Matsushita Electric Industrial Co., Ltd. has bought the WLAN Card to place inside the Panasonic Personal Computer with a Patch (GEMENI 2) internal antenna. The Panasonic Personal Computer M/N: CF-28 is the host platform for the EUT. A DoC report is on file for the receiver section and digital interface for the EUT. The IF, LO and up to the 2nd LO were investigated.

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2 EQUIPMENT INFORMATION

2.1 APPLICANT AND EQUIPMENT INFORMATION

Matsushita Electric Industrial Co., Ltd
1006 Oaza Kadoma
Kadoma, Osaka 571
Japan
Phone: 06-6907-4050
Fax: 06-6906-3361

FCC Classification:	DSS – Spread Spectrum Transmitter
FCC Rule Part(s):	Part 15.247: Operation within the bands 920-928 MHz, 2400-2483.5 MHz and 5725-5850 MHz ☐ Frequency Hopping System ☒ Direct Sequence System ☐ Hybrid System
Industry Canada Standard:	RSS-210: Low Power Licence-Exempt Radiocommunication Devices (All Frequency Bands) RSS-210 Section 6.2.2(o): 902-928 MHz, 2400-2483.5 MHz and 5725-5850 MHz

FCC ID:	ACJ9TGCF-281	**MAX. RF OUTPUT POWER:**	0.1W
FRN Number:	0005-8005-60	**Frequency Tolerance:**	N/A
Equipment Type:	PCMCIA card	**Emission Designator:**	N/A
Tx Frequency Range:	2412-2462	**Date of Test Report:**	December 4, 2001
Rx Frequency Range:	2412-2462	**Platform:**	CF-28
Model(s):	AIR-LMC 352 series		

2.2 JUSTIFICATION

The EUT was tested in all three orthogonal planes in order to determine worst-case emissions. Channel 1 at 2412 MHz, Channel 6 at 2437 MHz and channel 11 at 2462 MHz were tested and investigated from 9 kHz to 2 GHz. Data for all three channels are presented in this report.

The EUT contains one antenna, in order to complete the configuration required, the transmitter was tested in a personal computer model: CF-28 with its internal antenna.

The EUT was investigated with the internal antenna. The worst-case data taken in this report represents the highest data rate at 11 MBPS. Data rates of 5.5 MBPS, 2 MBPS and 1 MBPS were investigated and found to be in compliance. The change in envelope did not cause the EUT to be non-compliant in any of the aforementioned modes.

2.3 EXERCISING THE EUT

The EUT was provided with the software to continuously transmit during testing. The carrier was also checked to verify that the information was being transmitted.

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2.4 TEST SYSTEM DETAILS

The FCC Identifiers for all equipment, plus descriptions of all cables used in the tested system are:

TABLE 2-1: EQUIPMENT UNDER TEST (EUT)

PART	MANUFACTURER	MODEL	SERIAL NUMBER	FCC ID	CABLE DESCRIPTION	RTL BAR CODE
PCMCIA WIRELESS WLAN	CISCO	AIR LMC 352	N/A	ACJ9TGCF-281	N/A	N/A

TABLE 2-2: EXTERNAL COMPONENTS IN TEST CONFIGURATION

PART	MANUFACTURER	MODEL	SERIAL NUMBER	FCC ID	CABLE DESCRIPTION	RTL BAR CODE
PERSONAL COMPUTER	PANASONIC	CF-28	1KKSB13546	DOC	N/A	013954

TABLE 2-3: AUXILIARY EQUIPMENT

PART	MANUFACTURER	MODEL	SERIAL NUMBER	FCC ID	CABLE DESCRIPTION	RTL BAR CODE
EXTERNAL MODEM	USROBOTICS	0413	000839032B86PA9L	DOC	UNSHIELDED POWER AND UNSHIELDED I/O	N/A
EXTERNAL ZIP DRIVE	IOMEGA	Z100USB	PSAW40E1MV	DOC	UNSHIELDED POWER AND UNSHIELDED I/O	N/A
X2 MOUSE		MOSXK	N/A	DOC	UNSHIELDED I/O	N/A
PRINTER	HEWLETT	C3941A	JPBJ072076	B94C3941A	UNSHIELDED POWER AND UNSHIELDED I/O	N/A
MICROPHONE	TELEX	N/A	N/A	N/A	UNSHIELDED I/O	N/A
HEADPHONE	KOSS	N/A	N/A	N/A	UNSHIELDED I/O	N/A
RJ11 LOAD	N/A	N/A	N/A	N/A	UNSHIELDED I/O	N/A
EXTERNAL MODEM	USROBOTICS	0413	000839032B86PA9L	DOC	UNSHIELDED POWER AND UNSHIELDED I/O	N/A
EXTERNAL ZIP DRIVE	IOMEGA	Z100USB	PSAW40E1MV	DOC	UNSHIELDED POWER AND UNSHIELDED I/O	N/A
X2 MOUSE		MOSXK	N/A	DOC	UNSHIELDED I/O	N/A
PRINTER	HEWLETT	C3941A	JPBJ072076	B94C3941A	UNSHIELDED POWER AND UNSHIELDED I/O	N/A
MICROPHONE	TELEX	N/A	N/A	N/A	UNSHIELDED I/O	N/A
HEADPHONE	KOSS	N/A	N/A	N/A	UNSHIELDED I/O	N/A
RJ11 LOAD	N/A	N/A	N/A	N/A	UNSHIELDED I/O	N/A
EXTERNAL MODEM	USROBOTICS	0413	000839032B86PA9L	DOC	UNSHIELDED POWER AND UNSHIELDED I/O	N/A
EXTERNAL ZIP DRIVE	IOMEGA	Z100USB	PSAW40E1MV	DOC	UNSHIELDED POWER AND UNSHIELDED I/O	N/A
X2 MOUSE		MOSXK	N/A	DOC	UNSHIELDED I/O	N/A

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2.5 CONFIGURATION OF TESTED SYSTEM

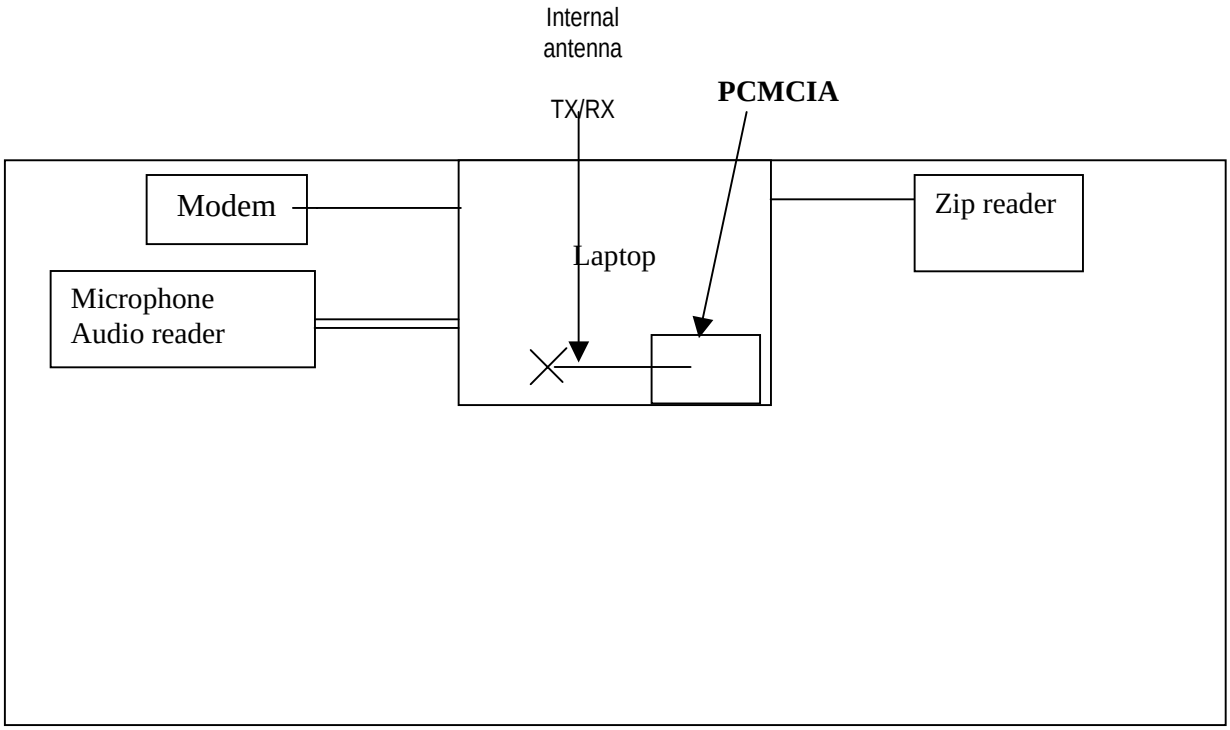

FIGURE 2-1: WORST CASE CONFIGURATION OF SYSTEM UNDER TEST

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3 COMPLIANCE WITH THE RESTRICTED BAND EDGE - §15.205

3.1 TEST PROCEDURE

Compliance with the band edges was performed using the FCC's "Radiated Measurement at a Band Edge" guidance document. The final data derived below were from radiated measurements only. The data taken in this report represents the worst case at 11 MBPS. Data rates of 5.5MBPS, 2 MBPS and 1 MBPS were investigated and found to be in compliance.

3.2 COMPLIANCE WITH THE RESTRICTED BAND EDGE TEST DATA

TABLE 3-1: COMPLIANCE WITH THE RESTRICTED BAND EDGE TEST DATA

Channel Set to	Frequency tested MHz	Detector	Field Strength Level (dBµV)	Site Correction Factor (dB/m)	Level Corrected (dBµV/m)	FCC Limit (dBµV/m)	FCC Margin (dB)
1	2390.0	Average	40.3	5.5	45.9	54.0	-8.1
1	2389.1	Average	42.8	5.5	48.3	54.0	-5.7
11	2483.5	Average	40.4	5.5	46.0	54.0	-8.0
11	2486.3	Average	44.4	5.5	49.9	54.0	-4.1

TEST PERSONNEL:

Rachid Sehb		12/04/2001
Test Technician/Engineer	Signature	Date Of Test

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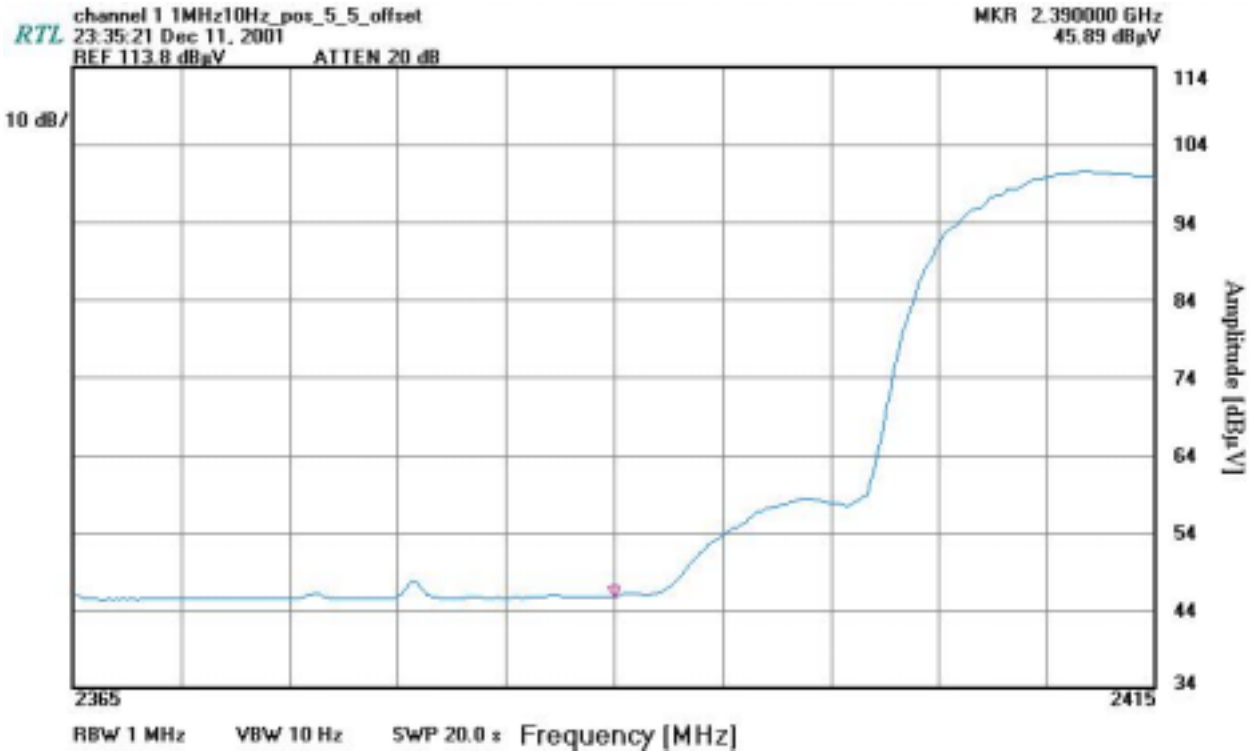
FCC Part 15 Certification

PLOT 3-1: BAND EDGE: AVERAGE MEASUREMENT FOR CHANNEL 1



TEST PERSONNEL:

Rachid Sehb		12/04/2001
Test Technician/Engineer	Signature	Date Of Test

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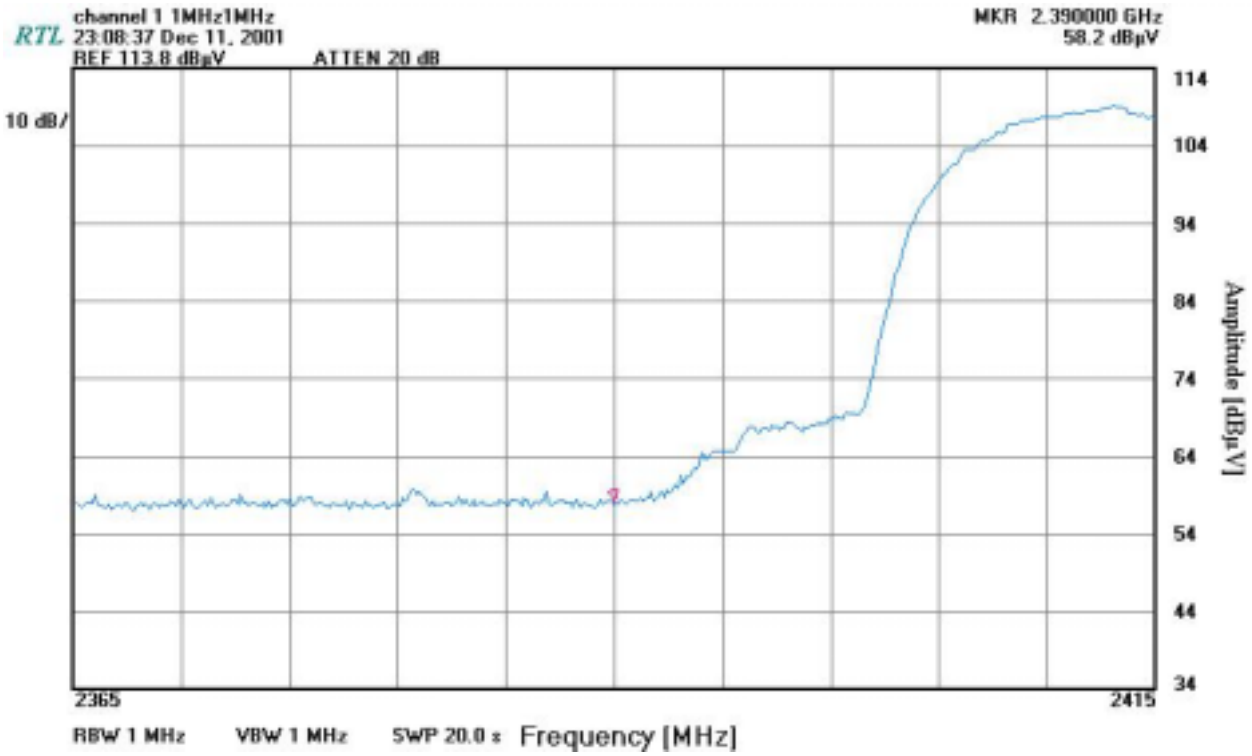
PLOT 3-2: BAND EDGE: PEAK MEASUREMENT FOR CHANNEL 1



TEST PERSONNEL:

Rachid Sehb		12/04/2001
Test Technician/Engineer	Signature	Date Of Test

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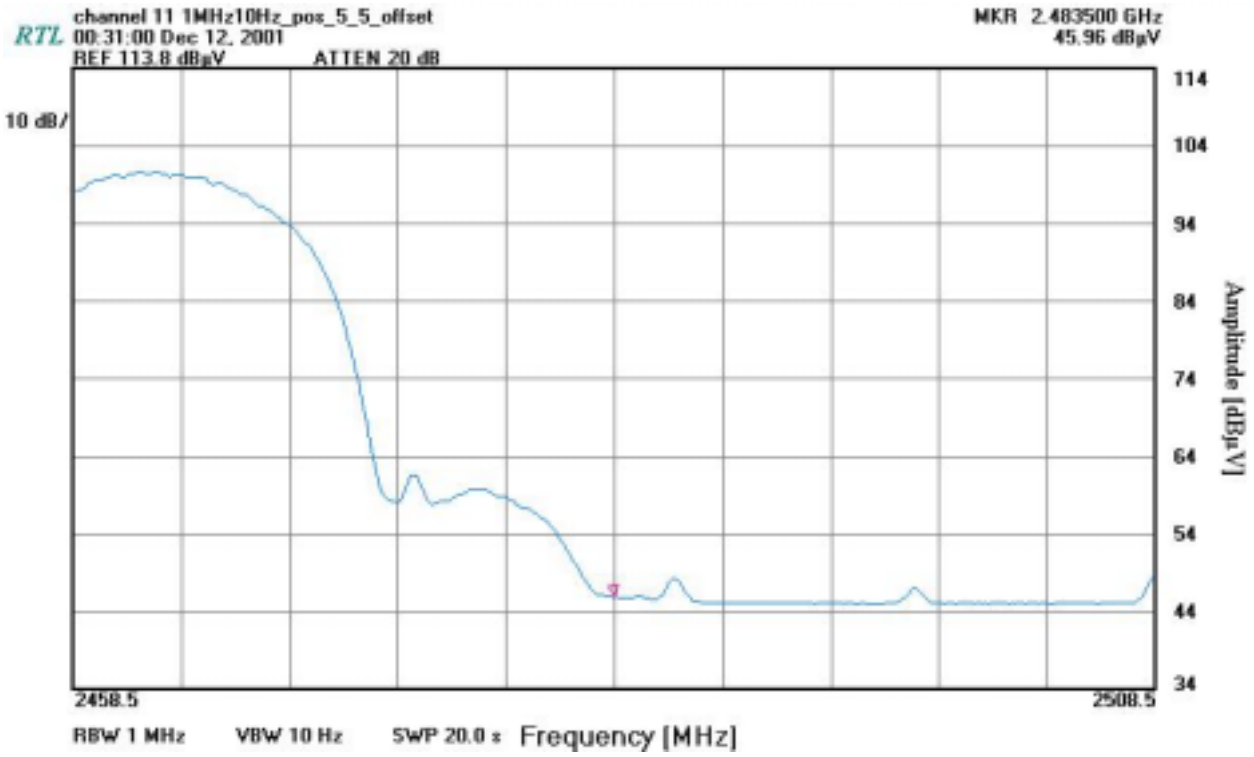
PLOT 3-3: BAND EDGE: AVERAGE MEASUREMENT FOR CHANNEL 11



TEST PERSONNEL:

Rachid Sehb		12/04/2001
Test Technician/Engineer	Signature	Date Of Test

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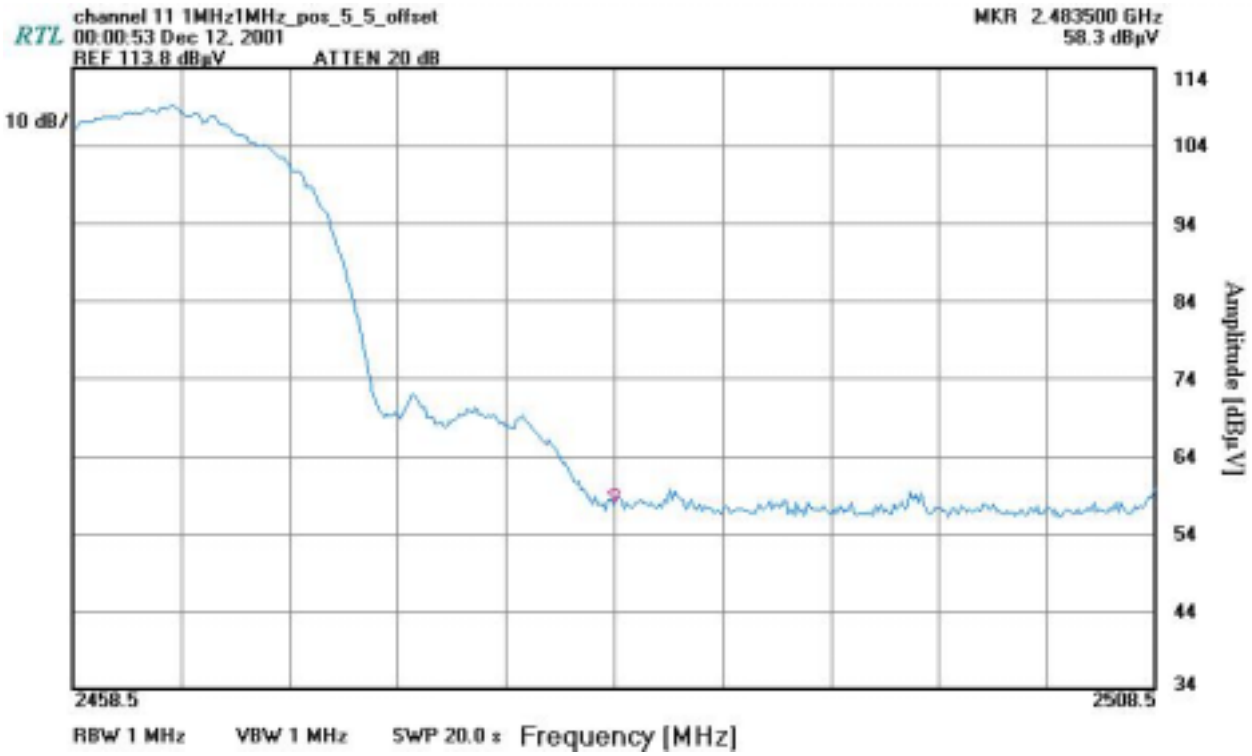
Dates of Tests: 12/04/2001
FCC Part 15 Certification

PLOT 3-4: BAND EDGE: PEAK MEASUREMENT FOR CHANNEL 11



TEST PERSONNEL:

Rachid Sehb		12/04/2001
Test Technician/Engineer	Signature	Date Of Test

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4 CONDUCTED LIMITS - §15.207

This device was tested and is compliant. Test results are available upon request.

5 RADIATED EMISSION LIMITS (GENERAL REQUIREMENTS) - §15.209

5.1 RADIATED EMISSION LIMITS TEST PROCEDURE

Radiated Spurious Emissions applies to harmonics and spurious emissions that fall in the restricted and non-restricted bands. The restricted bands are listed in Part 15.205. The maximum permitted average field strength for the restricted band is listed in Part 15.209. The EUT was tested in the X-Y, X-Z and Y-Z orthogonal plane.

5.2 TEST EQUIPMENT USED FOR TESTING

TABLE 5-1: RADIATED SPURIOUS EMISSIONS TEST EQUIPMENT

RTL ASSET #	MANUFACTURER	MODEL	PART TYPE	SERIAL NUMBER
900931	HP	8566B	Spectrum Analyzer (100Hz – 22 GHz)	3138A07771
900772	EMCO	3161-02	Horn ANTENNA (2-4 GHz)	900772
900321	EMCO	3161-03	Horn Antennas (4-8,2GHz)	9508-1020
900323	EMCO	3160-7	Horn Antennas (8,2-12,4 GHz)	9605-1054
900325	EMCO	3160-9	Horn Antennas (18 - 26.5 GHz)	9605-1051
900723	Miteq	NA	AMP 100MHz-26GHz	NA
900791	Schaffner - Chase	CBL6112	Antenna (25 MHz - 2 GHz)	2099

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5.3 RADIATED EMISSION LIMITS TEST DATA

TABLE 5-2: RADIATED EMISSIONS HARMONICS/SPURIOUS (CHANNEL 1) GEMINI 2 ANTENNA

Emission Frequency (MHz)	Test Detector	Antenna Polarity (H/V)	Turntable Azimuth (deg)	Antenna Height (m)	Analyzer Reading (dBuV)	Site Correction Factor (dB/m)	Emission Level (dBuV/m)	Limit (dBuV/m)
2438.41	Av	V	10	1.2	97.9	5.5	111.3	Fundamental
2438.60	Pk	V	10	1.2	105.8	5.5	103.4	Fundamental
2464.20	Av	V	10	1.2	42.2	5.5	47.7	54.0
2464.40	Pk	V	10	1.2	48.7	5.5	54.2	
2475.30	Av	V	10	1.2	38.5	5.5	44.0	54.0
2475.30	Pk	V	20	1.2	48.7	5.5	54.2	
2473.20	Av	V	20	1.2	38.5	5.5	44.0	54.0
2473.30	Pk	V	15	1.2	47.2	5.5	52.7	
2486.50	Av	V	15	1.2	42.4	5.5	47.9	54.0
2486.20	Pk	V	20	1.2	53.4	5.5	54.4	
2497.30	Av	V	20	1.3	39.9	5.5	45.4	54.0
2497.30	Pk	V	20	1.3	48.9	5.5	54.2	
2508.40	Av	V	25	1.1	43.3	5.5	48.8	54.0
2507.30	Pk	V	25	1.1	50.5	5.5	56.0	
2530.20	Av	V	30	1.2	42.2	5.5	47.7	54.0
2530.20	Pk	V	30	1.2	50.5	5.5	56.0	
4824.00	Av	V	10	1.0	29.8		NF	54.0
7236.00	Av	V	10	1.0	31.0		NF	54.0
9648.00	Av	V	10	1.0	30.0		NF	54.0
12060.00	Av	V	10	1.0	31.0		NF	54.0
14472.00	Av	V	10	1.0	32.3		NF	54.0
16884.00	Av	V	10	1.0	33.1		NF	54.0
19296.00	Av	V	10	1.0	32.0		NF	54.0
21708.00	Av	V	10	1.0	31.2		NF	54.0
24120.00	Av	V	10	1.0	35.0		NF	54.0

PEAK: RES. =1 MHZ, VID= 1MHZ; AVERAGE: RES. =1 MHZ, VID= 10HZ; NF = NOISE FLOOR

TEST PERSONNEL:

Rachid Sehb		12/14/2001
Test Technician/Engineer	Signature	Date Of Test

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FCC Part 15 Certification

TABLE 5-3: RADIATED EMISSIONS HARMONICS/SPURIOUS (CHANNEL 6) GEMINI 2 ANTENNA

Emission Frequency (MHz)	Test Detector	Antenna Polarity (H/V)	Turntable Azimuth (deg)	Antenna Height (m)	Analyzer Reading (dBuV)	Site Correction Factor (dB/m)	Emission Level (dBuV/m)	Limit (dBuV/m)
2438.410	Av	V	10	1.2	97.9	5.5	103.4	Fundamental
2438.600	Pk	V	10	1.2	105.8	5.5	111.3	Fundamental
2464.200	Av	V	10	1.0	42.2	5.5	47.7	54.0
2464.400	Pk	V	10	1.2	48.7	5.5	54.2	
2475.300	Av	V	10	1.2	38.5	5.5	44.0	54.0
2475.300	Pk	V	20	1.2	38.5	5.5	44.0	
2473.200	Av	V	20	1.2	47.2	5.5	52.7	54.0
2463.300	Pk	V	20	1.2	53.4	5.5	58.9	
2486.500	Av	V	20	1.2	42.4	5.5	47.9	54.0
2486.200	Pk	V	20	1.2	48.9	5.5	54.4	
2497.300	Av	V	20	1.0	39.9	5.5	45.4	54.0
2497.300	Pk	V	10	1.0	48.7	5.5	54.2	
2508.400	Av	V	10	1.0	43.3	5.5	48.8	54.0
2507.300	Pk	V	10	1.0	50.5	5.5	56	
2530.200	Av	V	20	1.0	42.2	5.5	47.7	54.0
2530.200	Pk	V	20	1.0	49.7	5.5	55.2	
4874.00	Av	V	10	1.0	30.5		NF	54.0
7311.00	Av	V	10	1.0	29.5		NF	54.0
9748.00	Av	V	10	1.0	30.0		NF	54.0
12185.00	Av	V	10	1.0	30.2		NF	54.0
14622.00	Av	V	10	1.0	30.2		NF	54.0
17059.00	Av	V	10	1.0	32.1		NF	54.0
19496.00	Av	V	10	1.0	31.2		NF	54.0
21933.00	Av	V	10	1.0	32.2		NF	54.0
24370.00	Av	V	10	1.0	32.8		NF	54.0

PEAK: RES. =1 MHZ, VID= 1MHZ; AVERAGE: RES. =1 MHZ, VID= 10HZ; NF = NOISE FLOOR

TEST PERSONNEL:

Rachid Sehb		12/14/2001
Test Technician/Engineer	Signature	Date Of Test

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TABLE 5-4: RADIATED EMISSIONS HARMONICS/SPURIOUS (CHANNEL 11) GEMINI 2 ANTENNA

Emission Frequency (MHz)	Test Detector	Antenna Polarity (H/V)	Turntable Azimuth (deg)	Antenna Height (m)	Analyzer Reading (dBuV)	Site Correction Factor (dB/m)	Emission Level (dBuV/m)	Limit (dBuV/m)
2394.992	Av	V	20	1.2	96.6	5.5	102.1	Fundamental
2394.277	Pk	V	20	1.2	104.7	5.5	110.2	Fundamental
2463.350	Av	V	10	1.3	42.0	5.5	47.5	54.0
2463.650	Pk	V	10	1.3	51.7	5.5	57.2	
2541.144	Av	V	10	1.2	39.3	5.5	44.8	54.0
2541.442	Pk	V	10	1.0	49.4	5.5	54.9	
2552.161	Av	V	10	1.0	38.9	5.5	44.4	54.0
2552.062	Pk	V	10	1.2	49.7	5.5	55.2	
2563.178	Av	V	20	1.2	37.0	5.5	42.5	54.0
2563.078	Pk	V	20	1.2	49.0	5.5	54.5	
2574.195	Av	V	20	1.2	37.0	5.5	42.5	54.0
2574.294	Pk	V	20	1.0	48.4	5.5	53.9	
4924.00	Av	V	10	1.0	34.2		NF	54.0
7386.00	Av	V	10	1.0	29.9		NF	54.0
9848.00	Av	V	10	1.0	30.5		NF	54.0
12310.00	Av	V	10	1.0	32.2		NF	54.0
14772.00	Av	V	10	1.0	32.4		NF	54.0
17234.00	Av	V	10	1.0	31.9		NF	54.0
19696.00	Av	V	10	1.0	32.2		NF	54.0
22158.00	Av	V	10	1.0	32.2		NF	54.0
24620.00	Av	V	10	1.0	32.8		NF	54.0

PEAK: RES. =1 MHZ, VID= 1MHZ; AVERAGE: RES. =1 MHZ, VID= 10HZ; NF = NOISE FLOOR

TEST PERSONNEL:

Rachid Sehb		12/04/2001
Test Technician/Engineer	Signature	Date Of Test

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6 MODULATED BANDWIDTH - §15.247(A)(2)

6.1 MODULATED BANDWIDTH TEST PROCEDURE

Please see the separate attachment called Modulated Bandwidths that was taken from a previous application on FCC ID: LDK102040.

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7 POWER OUTPUT - §15.247(B)

7.1 POWER OUTPUT TEST PROCEDURE

The power output per FCC 15.247(b) was measured on the EUT using an HP peak power meter. EIRP measurement was performed as a radiated test using the substitution method.

7.2 TEST EQUIPMENT USED FOR TESTING

TABLE 7-1: TEST EQUIPMENT USED FOR TESTING (RADIATED RF OUTPUT – EIRP)

RTL Asset #	Manufacturer	Model	Part Type	Serial Number
900931	HP	8566B	Spectrum Analyzer (100Hz – 22 GHz)	3138A07771
901186	Agilent Technologies	E9323A (50MHz-6GHz)	Peak & Avg. Power Sensor	US40410380
901184	Agilent Technologies	E4416A	EPM-P Power Meter, single channel	GB41050573
900772	EMCO	3161-02	Horn ANTENNA (2-4 GHz)	900772
900723	Miteq	NA	AMP 100MHz-26GHz	NA
900814	Electro-Metrics	RGA-60	Double Ridges Guide Antenna (1-18 GHz)	2310

7.3 POWER OUTPUT TEST DATA

TABLE 7-2: POWER OUTPUT TEST DATA

CHANNEL	EIRP (dBm)*	Antenna Gain (dBi)	POWER CONDUCTED OUTPUT (dBm)
1	21.9	1.9	20.3
6	20.2	1.8	19.2
11	20.5	1.8	19.0

*Measurement accuracy is +/- 1.0 dB

TEST PERSONNEL:

Rachid Sehb		12/04/2001
Test Technician/Engineer	Signature	Date Of Test

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8 ANTENNA CONDUCTED SPURIOUS EMISSIONS - §15.247(C)

8.1 ANTENNA CONDUCTED SPURIOUS EMISSIONS TEST PROCEDURES

Antenna spurious emission per FCC 15.247(c) was measured from the EUT antenna port using a 50 ohm spectrum analyzer with the resolution bandwidth set at 100 kHz, and the video bandwidth set at 300 kHz. The modulated carrier was identified at 2.410GHz for Channel 1, 2.437GHz for Channel 6 and 2.463GHz for Channel 11. No other harmonics or spurs were found within 20 dB of the carrier level, and from 9kHz to the carriers 10th harmonic. See antenna conducted spurious noise table. Channels 1, 6, and 11 were investigated and tested.

8.2 ANTENNA CONDUCTED SPURIOUS EMISSIONS TEST DATA

TABLE 8-1: ANTENNA CONDUCTED SPURIOUS EMISSIONS: CHANNEL 1 (MAIN)

Frequency (MHz)	Spurious level (dBm)	FCC Margin (dB)
11.0	-71.5	-71.7
600.2	-69.4	-69.6
2412.0	0.2	Fundamental
2530.0	-63.9	-64.1
2541.0	-65.1	-65.3
2552.0	-62.4	-62.6
2563.0	-65.9	-66.1
2574.0	-66.9	-67.1
4826.4	-64.2	-64.4
7240.2	-57.9	-58.1

TEST PERSONNEL:

Rachid Sehb		12/04/2001
Test Technician/Engineer	Signature	Date Of Test

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TABLE 8-2: ANTENNA CONDUCTED SPURIOUS EMISSIONS: CHANNEL 6 (MAIN)

Frequency (MHz)	Spurious level (dBm)	FCC Margin (dB)
289.0	-74.2	-75.4
588.0	-79.9	-81.1
2437.0	0.2	Fundamental
2530.0	-63.9	-65.1
2532.6	-65.1	-66.3
2552.0	-62.4	-63.6
4875.8	-65.9	-67.1
7313.5	-66.9	-68.1

TEST PERSONNEL:

Rachid Sehb		12/04/2001
Test Technician/Engineer	Signature	Date Of Test

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TABLE 8-3: ANTENNA CONDUCTED SPURIOUS EMISSIONS: CHANNEL 11 (MAIN)

Frequency (MHz)	Spurious level (dBm)	FCC Margin (dB)
2088.5	-71.5	-72.7
2392.7	-69.4	-70.6
2462.0	0.2	Fundamental
2530.0	-63.9	-65.1
2551.9	-65.1	-66.3
2573.9	-62.4	-63.6
2596.0	-65.9	-67.1
4909.0	-66.9	-68.1
7385.5	-64.2	-65.4

TEST PERSONNEL:

Rachid Sehb		12/04/2001
Test Technician/Engineer	Signature	Date Of Test

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9 POWER SPECTRAL DENSITY - §15.247(D)

9.1 POWER SPECTRAL DENSITY TEST PROCEDURE

Please see the separate attachment called Spectral Density that was taken from a previous application on FCC ID: LDK102040.

10 CONCLUSION

The data in this measurement report shows that the Matsushita Electric Industrial Co., Ltd.; FCC ID:ACJ9TGCF-281 complies with all the requirements of Parts 2 and 15.247 of the FCC Rules.