FCC PART 15, SUBPART B and C
TEST REPORT

for

REMOTEPOINT JADE

MODEL: VP4910R

Prepared for

INTERLINK ELECTRONICS, INC.
546 FLYNN ROAD
CAMARILLO, CALIFORNIA 93012

Prepared by:_____

KYLE FUJIMOTO

Approved by:_____

JAMES ROSS

COMPATIBLE ELECTRONICS INC.
114 OLINDA DRIVE
BREA, CALIFORNIA 92823
(714) 579-0500

DATE: MAY 30, 2007

	REPORT BODY	APPENDICES					TOTAL
		A	***B***	***C***	***D***	***E***	
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1	Plot Map And Layout of 3 Meter Radiated Site

GENERAL REPORT SUMMARY

This electromagnetic emission test report is generated by Compatible Electronics Inc., which is an independent testing and consulting firm. The test report is based on testing performed by Compatible Electronics personnel according to the measurement procedures described in the test specifications given below and in the "Test Procedures" section of this report.

The measurement data and conclusions appearing herein relate only to the sample tested and this report may not be reproduced without the written permission of Compatible Electronics, unless done so in full.

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

Device Tested:	RemotePoint Jade Model: VP4910R S/N: N/A
Product Description:	See Expository Statement
Modifications:	The EUT was not modified in order to meet the specifications.
Manufacturer:	Interlink Electronics, Inc. 546 Flynn Road Camarillo, California 93012
Test Dates:	May 1 and 2, 2007
Test Specifications:	EMI requirements CFR Title 47, Part 15 Subpart B; and Subpart C, Sections 15.205, 15.209 and 15.249
Test Procedure:	ANSI C63.4
Test Deviations:	The test procedure was not deviated from during the testing.

SUMMARY OF TEST RESULTS

TEST	DESCRIPTION	RESULTS
1	Conducted RF Emissions, 150 kHz – 30 MHz	This test was not performed because the EUT cannot be plugged into the AC public mains.
2	Radiated RF Emissions, 10 kHz – 9300 MHz (Transmitter Portion)	Complies with the limits of CFR Title 47, Part 15, Subpart C, section 15.205, 15.209, and 15.249.
3	Radiated RF Emissions, 10 kHz – 9300 MHz (Digital Portion)	Complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B.

1. PURPOSE

This document is a qualification test report based on the Electromagnetic Interference (EMI) tests performed on the RemotePoint Jade, Model: VP4910R. The EMI measurements were performed according to the measurement procedure described in ANSI C63.4. The tests were performed in order to determine whether the electromagnetic emissions from the equipment under test, referred to as EUT hereafter, are within the **Class B** specification limits defined by CFR Title 47, Part 15, Subpart B for the digital portion; and the limits defined in Subpart C, sections 15.205, 15.209, and 15.249 for the transmitter portion.

2. ADMINISTRATIVE DATA

2.1 Location of Testing

The EMI tests described herein were performed at the test facility of Compatible Electronics, 114 Olinda Drive, Brea, California 92823.

2.2 Traceability Statement

The calibration certificates of all test equipment used during the test are on file at the location of the test. The calibration is traceable to the National Institute of Standards and Technology (NIST).

2.3 Cognizant Personnel

Interlink Electronics, Inc.

Daniel Grieder	MTS

Compatible Electronics, Inc.

Kyle Fujimoto	Test Engineer
James Ross	Test Engineer

2.4 Date Test Sample was Received

The test sample was received on May 1, 2007.

2.5 Disposition of the Test Sample

The sample has not been returned to Interlink Electronics, Inc. as of May 30, 2007.

2.6 Abbreviations and Acronyms

The following abbreviations and acronyms may be used in this document.

RF	Radio Frequency
EMI	Electromagnetic Interference
EUT	Equipment Under Test
P/N	Part Number
S/N	Serial Number
HP	Hewlett Packard
ITE	Information Technology Equipment
CML	Corrected Meter Limit
LISN	Line Impedance Stabilization Network

3. APPLICABLE DOCUMENTS

The following documents are referenced or used in the preparation of this EMI Test Report.

SPEC	TITLE
CFR Title 47, Part 15	FCC Rules – Radio frequency devices (including digital devices)
ANSI C63.4 2003	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz

4. DESCRIPTION OF TEST CONFIGURATION

4.1 Description Of Test Configuration - EMI

Setup and operation of the equipment under test.

Specifics of the EUT and Peripherals Tested

The RemotePoint Jade, Model: VP4910R (EUT) was tested as a stand alone unit and continuously transmitting or receiving. The EUT's antenna is a PCB style antenna and is on the PCB itself. The EUT was tested in three orthogonal axis.

Note: The EUT was also tested by having the Remote Control Receiver (Onyx) directly connected to the USB port of the EUT to ensure the emissions were not higher. The USB port on the EUT is only for connection to the Remote Control Receiver (Onyx).

The final radiated data was taken in the both transmitting and receiving modes. Please see Appendix E for the data sheets.

4.1.1 Cable Construction and Termination

There were no cables connected to the EUT.

5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT

5.1 EUT and Accessory List

EQUIPMENT	MANUFACTURER	MODEL NUMBER	SERIALNUMBER	FCC ID
REMOTEPOINT JADE (EUT)	INTERLINK ELECTRONICS, INC.	VP4910R	N/A	**IE3VP49XXR07**
REMOTE CONTROL RECEIVER (ONYX)	INTERLINK ELECTRONICS, INC.	VP6495R	N/A	**IE3VP64XXR06**

5.2 EMI Test Equipment

EQUIPMENT TYPE	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	CALIBRATION DATE	CALIBRATION DUE DATE
GENERAL TEST EQUIPMENT USED FOR ALL RF EMISSIONS TESTS					
Computer	Hewlett Packard	4530	US91912319	N/A	N/A
EMI Receiver	Rohde & Schwarz	ESIB40	100194	November 18, 2005	November 18, 2007
Monitor	Hewlett Packard	D5258A	TW74500641	N/A	N/A
RF RADIATED EMISSIONS TEST EQUIPMENT					
Radiated Emissions Data Capture Program	Compatible Electronics	2.0	N/A	N/A	N/A
Preamplifier	Com Power	PA-102	1017	January 16, 2007	Jan. 16, 2008
Biconical Antenna	Com Power	AB-900	15227	March 8, 2007	March 8, 2008
Log Periodic Antenna	Com Power	AL-100	16060	July 17, 2006	July 17, 2007
Loop Antenna	Com Power	AL-130	17089	September 21, 2005	Sept. 21, 2007
Horn Antenna	Antenna Research	DRG-118/A	1053	March 6, 2006	March 6, 2008
Horn Antenna	Com Power	AH826	71957	December 12, 2005	Dec. 12, 2007
Microwave Preamplifier	Com Power	PA-840	711919	February 27, 2007	Feb. 27, 2008
Microwave Preamplifier	Com Power	PA-122	181921	February 27, 2007	Feb. 27, 2008
Antenna Mast	Com Power	AM-100	N/A	N/A	N/A

6. TEST SITE DESCRIPTION

6.1 Test Facility Description

Please refer to section 2.1 and 7.1 of this report for EMI test location.

6.2 EUT Mounting, Bonding and Grounding

The EUT was mounted on a 1.0 by 1.5 meter non-conductive table 0.8 meters above the ground plane.

The EUT was not grounded.

7. TEST PROCEDURES

The following sections describe the test methods and the specifications for the tests. Test results are also included in this section.

7.1 RF Emissions

7.1.1 Radiated Emissions (Spurious and Harmonics) Test

The EMI Receiver was used as a measuring meter along with the quasi-peak adapter. Amplifiers were used to increase the sensitivity of the instrument. The Com Power Preamplifier Model: PA-102 was used for frequencies from 30 MHz to 1 GHz, and the Com-Power Microwave Preamplifier Model: PA-122 was used for frequencies above 1 GHz. The EMI Receiver was used in the peak detect mode with the "Max Hold" feature activated. In this mode, the EMI Receiver records the highest measured reading over all the sweeps.

The frequencies above 1 GHz were averaged manually by narrowing the video filter down to 10 Hz and putting the sweep time on AUTO on the spectrum analyzer to keep the amplitude reading calibrated.

The measurement bandwidths and transducers used for the radiated emissions test were:

FREQUENCY RANGE	EFFECTIVE MEASUREMENT BANDWIDTH	TRANSDUCER
9 kHz to 150 kHz	200 Hz	Active Loop Antenna
150 kHz to 30 MHz	9 kHz	Active Loop Antenna
30 MHz to 300 MHz	120 kHz	Biconical Antenna
300 MHz to 1 GHz	120 kHz	Log Periodic Antenna
1 GHz to 9.2 GHz	1 MHz	Horn Antenna

The open field test site of Compatible Electronics, Inc. was used for radiated emission testing. This test site is set up according to ANSI C63.4. Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The turntable supporting the EUT is remote controlled using a motor. The turntable permits EUT rotation of 360 degrees in order to maximize emissions. Also, the antenna mast allows height variation of the antenna from 1 meter to 4 meters. Data was collected in the worst case (highest emission) configuration of the EUT. At each reading, the EUT was rotated 360 degrees and the antenna height was varied from 1 to 4 meters (for E field radiated field strength). The gunsight method was used when measuring with the horn antenna in order to ensure accurate results. The loop antenna was also rotated in the horizontal and vertical axis in order to ensure accurate results.

7.1.2 Radiated Emissions (Spurious and Harmonics) Test (Continued)

The presence of ambient signals was verified by turning the EUT off. In case an ambient signal was detected, the measurement bandwidth was reduced temporarily and verification was made that an additional adjacent peak did not exist. This ensures that the ambient signal does not hide any emissions from the EUT. The EUT was tested at a 3 meter test distance to obtain the final test data. The final qualification data sheets are located in Appendix E.

Test Results:

The EUT complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B; and CFR Title 47, Part 15, Subpart C, sections 15.205, 15.209, and 15.249.

8. CONCLUSIONS

The RemotePoint Jade, Model: VP4910R meets all of the **Class B** specification limits defined in CFR Title 47, Part 15, Subpart B for the digital portion; and the limits defined in Subpart C, sections 15.205, 15.209, and 15.249 for the transmitter portion.

APPENDIX A

LABORATORY RECOGNITIONS

LABORATORY RECOGNITIONS

Compatible Electronics has the following agency accreditations:

National Voluntary Laboratory Accreditation Program - Lab Code: 200528-0

Voluntary Control Council for Interference - Registration Numbers: R-983, C-1026, R-984 and C-1027

Bureau of Standards and Metrology Inspection - Reference Number: SL2-IN-E-1031

Conformity Assessment Body for the EMC Directive Under the US/EU MRA Appointed by NIST

Compatible Electronics is recognized or on file with the following agencies:

Federal Communications Commission

Industry Canada

Radio-Frequency Technologies (Competent Body)

APPENDIX B

MODIFICATIONS TO THE EUT

MODIFICATIONS TO THE EUT

The modifications listed below were made to the EUT to pass FCC 15.249 or FCC Class B specifications.

All the rework described below was implemented during the test in a method that could be reproduced in all the units by the manufacturer.

No modifications were made to the EUT.

APPENDIX C

ADDITIONAL MODELS COVERED UNDER THIS REPORT

ADDITIONAL MODELS COVERED UNDER THIS REPORT

USED FOR THE PRIMARY TEST

RemotePoint Jade
Model: VP4910R
S/N: N/A

There were no additional models covered under this report.

APPENDIX D

DIAGRAMS, CHARTS, AND PHOTOS

COM-POWER AB-900

BICONICAL ANTENNA

S/N: 15227

CALIBRATION DATE: MARCH 8, 2007

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	12.6	100	12.3
35	10.0	120	14.7
40	9.5	140	13.0
45	9.2	160	13.7
50	9.4	180	16.4
60	7.4	200	17.2
70	6.5	250	14.6
80	7.0	275	19.0
90	8.0	300	22.3

COM-POWER AL-100

LOG PERIODIC ANTENNA

S/N: 16060

CALIBRATION DATE: JULY 17, 2006

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
300	13.58	700	20.49
400	14.53	800	20.13
500	15.36	900	22.15
600	18.29	1000	22.76

COM-POWER PA-102

PREAMPLIFIER

S/N: 1017

CALIBRATION DATE: JANUARY 16, 2007

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	38.4	300	38.2
40	38.3	350	38.2
50	38.2	400	38.1
60	38.3	450	37.8
70	38.4	500	37.8
80	38.6	550	38.1
90	38.3	600	37.8
100	38.4	650	37.8
125	38.3	700	37.6
150	38.2	750	37.9
175	38.4	800	37.6
200	38.4	850	37.2
225	38.4	900	37.4
250	38.3	950	37.0
275	38.3	1000	37.2

COM-POWER PA-122

PREAMPLIFIER

S/N: 181921

CALIBRATION DATE: FEBRUARY 27, 2007

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	36.2	10.0	35.1
1.5	35.4	10.5	34.8
2.0	34.7	11.0	33.5
2.5	34.8	11.5	33.9
3.0	34.8	12.0	34.0
3.5	34.6	12.5	34.4
4.0	34.2	13.0	34.4
4.5	34.1	13.5	34.7
5.0	34.1	14.0	36.0
5.5	34.7	14.5	35.7
6.0	35.6	15.0	36.1
6.5	36.8	15.5	35.6
7.0	36.7	16.0	35.4
7.5	34.9	16.5	35.3
8.0	33.3	17.0	34.9
8.5	33.6	17.5	33.7
9.0	34.6	18.0	33.3
9.5	35.9		

ANTENNA RESEARCH DRG-118/A

HORN ANTENNA

S/N: 1053

CALIBRATION DATE: MARCH 6, 2006

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	24.46	10.0	39.55
1.5	25.05	10.5	39.86
2.0	28.42	11.0	38.49
2.5	29.91	11.5	40.71
3.0	31.46	12.0	40.59
3.5	31.91	12.5	40.17
4.0	31.55	13.0	39.70
4.5	31.94	13.5	40.84
5.0	32.90	14.0	41.58
5.5	34.07	14.5	45.14
6.0	35.69	15.0	42.20
6.5	33.11	15.5	39.42
7.0	36.51	16.0	38.80
7.5	37.27	16.5	41.08
8.0	37.21	17.0	44.11
8.5	37.16	17.5	46.29
9.0	38.27	18.0	41.61
9.5	39.73		

COM-POWER PA-840

MICROWAVE PREAMPLIFIER

S/N: 711919

CALIBRATION DATE: FEBRUARY 27, 2007

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
18.0	28.3	29.5	26.1
18.5	28.0	30.0	26.2
19.0	28.0	30.5	25.9
19.5	27.7	31.0	26.2
20.0	27.7	31.5	26.5
20.5	27.9	32.0	26.5
21.0	27.7	32.5	25.4
21.5	26.5	33.0	25.8
22.0	25.9	33.5	25.0
22.5	26.8	34.0	25.2
23.0	27.2	34.5	25.1
23.5	25.9	35.0	24.7
24.0	25.5	35.5	24.6
24.5	26.4	36.0	24.7
25.0	27.5	36.5	25.2
25.5	27.7	37.0	24.7
26.0	27.8	37.5	25.8
26.5	26.3	38.0	26.4
27.0	26.0	38.5	27.9
27.5	25.9	39.0	27.7
28.0	26.2	39.5	27.5
28.5	26.2	40.0	25.4
29.0	26.2		

COM-POWER AH826

HORN ANTENNA

S/N: 71957

CALIBRATION DATE: DECEMBER 12, 2005

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
18.0	32.4	22.5	32.0
18.5	31.4	23.0	32.2
19.0	31.5	23.5	31.2
19.5	30.9	24.0	33.1
20.0	33.1	24.5	33.1
20.5	33.4	25.0	33.4
21.0	32.1	25.5	33.4
21.5	32.5	26.0	32.9
22.0	32.3	26.5	33.6

COM-POWER AL-130

LOOP ANTENNA

S/N: 17089

CALIBRATION DATE: SEPTEMBER 21, 2005

FREQUENCY (MHz)	MAGNETIC (dB/m)	ELECTRIC (dB/m)
0.009	-42.84	8.66
0.01	-41.93	9.57
0.02	-41.29	10.21
0.05	-42.37	9.13
0.07	-41.8	9.7
0.1	-41.83	9.67
0.2	-44.13	7.37
0.3	-41.73	9.77
0.5	-41.8	9.7
0.7	-41.53	9.97
1	-41.46	10.04
2	-41.14	10.36
3	-41.26	10.24
4	-41.46	10.04
5	-41.10	10.40
10	-40.83	10.67
15	-41.47	10.03
20	-35.44	16.06
25	-42.37	9.13
30	-42.94	8.56

FRONT VIEW

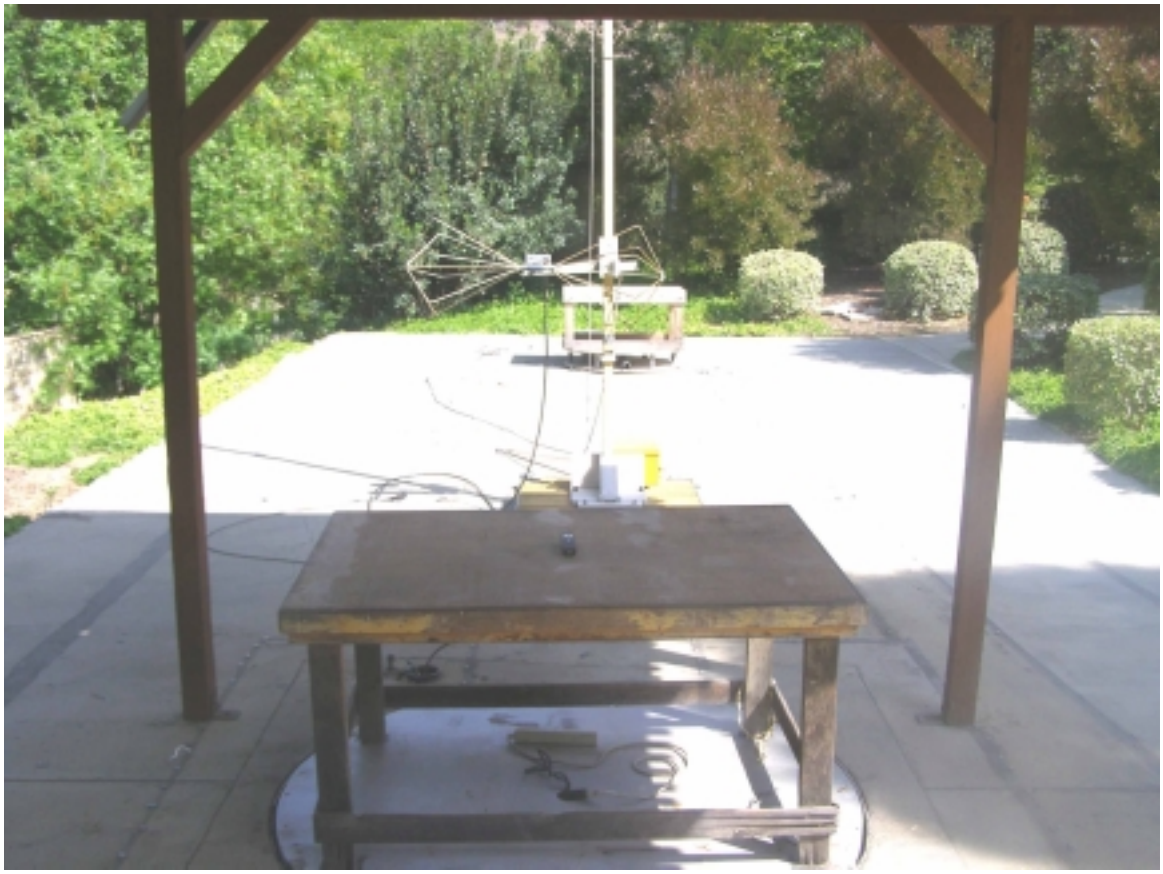
INTERLINK ELECTRONICS, INC.
REMOTEPOINT JADE
MODEL: VP4910R
FCC SUBPART B AND C – RADIATED EMISSIONS

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

REAR VIEW

INTERLINK ELECTRONICS, INC.
REMOTEPOINT JADE
MODEL: VP4910R
FCC SUBPART B AND C – RADIATED EMISSIONS

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS



FRONT VIEW

INTERLINK ELECTRONICS, INC.
REMOTEPOINT JADE
MODEL: VP4910R
FCC SUBPART B AND C – RADIATED EMISSIONS

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

REAR VIEW

INTERLINK ELECTRONICS, INC.
REMOTEPOINT JADE
MODEL: VP4910R
FCC SUBPART B AND C – RADIATED EMISSIONS

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

APPENDIX E

DATA SHEETS

RADIATED EMISSIONS

DATA SHEETS

FCC 15.249

Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

Low Channel - 2402 MHz - X-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2405	94.62	V	114	-19.38	Peak	2.95	0	
2405	93.93	V	94	-0.07	Avg	2.95	0	
4810	53.41	V	74	-20.59	Peak	1.61	135	
4810	48.55	V	54	-5.45	Avg	1.61	135	
7215	47.63	V	74	-26.37	Peak	1.52	135	
7215	35.47	V	54	-18.53	Avg	1.52	135	
9620	51.88	V	74	-22.12	Peak	1.53	225	
9620	39.25	V	54	-14.75	Avg	1.53	225	
12025		V	74	-74	Peak			No Emission
12025		V	54	-54	Avg			Detected
14430		V	74	-74	Peak			No Emission
14430		V	54	-54	Avg			Detected
16835		V	74	-74	Peak			No Emission
16835		V	54	-54	Avg			Detected
19240		V	--	--	Peak			No Emission
19240		V	--	--	Avg			Detected
21645		V	--	--	Peak			No Emission
21645		V	--	--	Avg			Detected
24050		V	--	--	Peak			No Emission
24050		V	--	--	Avg			Detected

FCC 15.249
Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

Low Channel - 2402 MHz - X-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2405	89.33	H	114	-24.67	Peak	3.28	135	
2405	88.51	H	94	-5.49	Avg	3.28	135	
4810	50.91	H	74	-23.09	Peak	1.94	135	
4810	45.73	H	54	-8.27	Avg	1.94	135	
7215	48.05	H	74	-25.95	Peak	1.95	125	
7215	35.71	H	54	-18.29	Avg	1.95	125	
9620	51.84	H	74	-22.16	Peak	1.95	125	
9620	39.93	H	54	-14.07	Avg	1.95	125	
12025		H	74	-74	Peak			No Emission
12025		H	54	-54	Avg			Detected
14430		H	74	-74	Peak			No Emission
14430		H	54	-54	Avg			Detected
16835		H	74	-74	Peak			No Emission
16835		H	54	-54	Avg			Detected
19240		H	--	--	Peak			No Emission
19240		H	--	--	Avg			Detected
21645		H	--	--	Peak			No Emission
21645		H	--	--	Avg			Detected
24050		H	--	--	Peak			No Emission
24050		H	--	--	Avg			Detected

FCC 15.249
Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

Low Channel - 2402 MHz - Y-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2405	92.35	V	114	-21.65	Peak	1.57	135	
2405	91.48	V	94	-2.52	Avg	1.57	135	
4810	51.13	V	74	-22.87	Peak	1.26	225	
4810	46.34	V	54	-7.66	Avg	1.26	225	
7215	45.98	V	74	-28.02	Peak	1.26	125	
7215	33.28	V	54	-20.72	Avg	1.26	125	
9620	53.79	V	74	-20.21	Peak	1.54	125	
9620	40.12	V	54	-13.88	Avg	1.54	125	
12025		V	74	-74	Peak			No Emission
12025		V	54	-54	Avg			Detected
14430		V	74	-74	Peak			No Emission
14430		V	54	-54	Avg			Detected
16835		V	74	-74	Peak			No Emission
16835		V	54	-54	Avg			Detected
19240		V	--	--	Peak			No Emission
19240		V	--	--	Avg			Detected
21645		V	--	--	Peak			No Emission
21645		V	--	--	Avg			Detected
24050		V	--	--	Peak			No Emission
24050		V	--	--	Avg			Detected

FCC 15.249
Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

Low Channel - 2402 MHz - Y-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2405	88.07	H	114	-25.93	Peak	1.67	45	
2405	87.46	H	94	-6.54	Avg	1.67	45	
4810	54.53	H	74	-19.47	Peak	3.15	225	
4810	50.21	H	54	-3.79	Avg	3.15	225	
7215	48.39	H	74	-25.61	Peak	2.11	135	
7215	35.53	H	54	-18.47	Avg	2.11	135	
9620	51.86	H	74	-22.14	Peak	2.12	135	
9620	39.16	H	54	-14.84	Avg	2.12	135	
12025		H	74	-74	Peak			No Emission
12025		H	54	-54	Avg			Detected
14430		H	74	-74	Peak			No Emission
14430		H	54	-54	Avg			Detected
16835		H	74	-74	Peak			No Emission
16835		H	54	-54	Avg			Detected
19240		H	--	--	Peak			No Emission
19240		H	--	--	Avg			Detected
21645		H	--	--	Peak			No Emission
21645		H	--	--	Avg			Detected
24050		H	--	--	Peak			No Emission
24050		H	--	--	Avg			Detected

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Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

Low Channel - 2402 MHz - Z-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2405	86.77	V	114	-27.23	Peak	1.14	135	
2405	85.91	V	94	-8.09	Avg	1.14	135	
4810	48.73	V	74	-25.27	Peak	1.21	135	
4810	41.86	V	54	-12.14	Avg	1.21	315	
7215	48.54	V	74	-25.46	Peak	1.39	225	
7215	35.41	V	54	-18.59	Avg	1.39	225	
9620	52.74	V	74	-21.26	Peak	1.33	135	
9620	39.24	V	54	-14.76	Avg	1.33	135	
12025		V	74	-74	Peak			No Emission
12025		V	54	-54	Avg			Detected
14430		V	74	-74	Peak			No Emission
14430		V	54	-54	Avg			Detected
16835		V	74	-74	Peak			No Emission
16835		V	54	-54	Avg			Detected
19240		V	--	--	Peak			No Emission
19240		V	--	--	Avg			Detected
21645		V	--	--	Peak			No Emission
21645		V	--	--	Avg			Detected
24050		V	--	--	Peak			No Emission
24050		V	--	--	Avg			Detected

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Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

Low Channel - 2402 MHz - Z-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2405	90.32	H	114	-23.68	Peak	2.36	0	
2405	89.48	H	94	-4.52	Avg	2.36	0	
4810	53.32	H	74	-20.68	Peak	2.13	135	
4810	48.29	H	54	-5.71	Avg	2.13	135	
7215	48.14	H	74	-25.86	Peak	2.13	135	
7215	35.45	H	54	-18.55	Avg	2.13	135	
9620	51.86	H	74	-22.14	Peak	2.13	135	
9620	39.85	H	54	-14.15	Avg	2.13	135	
12025		H	74	-74	Peak			No Emission
12025		H	54	-54	Avg			Detected
14430		H	74	-74	Peak			No Emission
14430		H	54	-54	Avg			Detected
16835		H	74	-74	Peak			No Emission
16835		H	54	-54	Avg			Detected
19240		H	--	--	Peak			No Emission
19240		H	--	--	Avg			Detected
21645		H	--	--	Peak			No Emission
21645		H	--	--	Avg			Detected
24050		H	--	--	Peak			No Emission
24050		H	--	--	Avg			Detected

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Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - 2441 MHz - X-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2441	94.65	V	114	-19.35	Peak	2.91	0	
2441	93.73	V	94	-0.27	Avg	2.91	0	
4882	52.61	V	74	-21.39	Peak	2.42	135	
4882	47.21	V	54	-6.79	Avg	2.42	135	
7323	49.39	V	74	-24.61	Peak	1.52	22	
7323	36.11	V	54	-17.89	Avg	1.52	225	
9764		V	74	-74	Peak			
9764		V	54	-54	Avg			
12205		V	74	-74	Peak			No Emission
12205		V	54	-54	Avg			Detected
14646		V	74	-74	Peak			No Emission
14646		V	54	-54	Avg			Detected
17087		V	74	-74	Peak			No Emission
17087		V	54	-54	Avg			Detected
19528		V	--	--	Peak			No Emission
19528		V	--	--	Avg			Detected
21969		V	--	--	Peak			No Emission
21969		V	--	--	Avg			Detected
24410		V	--	--	Peak			No Emission
24410		V	--	--	Avg			Detected

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Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - 2441 MHz - X-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2441	90.26	H	114	-23.74	Peak	2.33	225	
2441	89.05	H	94	-4.95	Avg	2.33	225	
4882	48.47	H	74	-25.53	Peak	2.39	135	
4882	40.16	H	54	-13.84	Avg	2.39	135	
7323	47.41	H	74	-26.59	Peak	2.07	135	
7323	35.84	H	54	-18.16	Avg	2.07	135	
9764	53.84	H	74	-20.16	Peak	2.07	125	
9764	38.93	H	54	-15.07	Avg	2.07	125	
12205		H	74	-74	Peak			No Emission
12205		H	54	-54	Avg			Detected
14646		H	74	-74	Peak			No Emission
14646		H	54	-54	Avg			Detected
17087		H	74	-74	Peak			No Emission
17087		H	54	-54	Avg			Detected
19528		H	--	--	Peak			No Emission
19528		H	--	--	Avg			Detected
21969		H	--	--	Peak			No Emission
21969		H	--	--	Avg			Detected
24410		H	--	--	Peak			No Emission
24410		H	--	--	Avg			Detected

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Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - 2441 MHz - Y-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2441	88.78	V	114	-25.22	Peak	2.43	90	
2441	87.49	V	94	-6.51	Avg	2.43	90	
4882	49.57	V	74	-24.43	Peak	1	135	
4882	40.42	V	54	-13.58	Avg	1	135	
7323	50.08	V	74	-23.92	Peak	1	0	
7323	35.85	V	54	-18.15	Avg	1	0	
9764	54.91	V	74	-19.09	Peak	1.25	180	
9764	40.19	V	54	-13.81	Avg	1.25	180	
12205		V	74	-74	Peak			No Emission
12205		V	54	-54	Avg			Detected
14646		V	74	-74	Peak			No Emission
14646		V	54	-54	Avg			Detected
17087		V	74	-74	Peak			No Emission
17087		V	54	-54	Avg			Detected
19528		V	--	--	Peak			No Emission
19528		V	--	--	Avg			Detected
21969		V	--	--	Peak			No Emission
21969		V	--	--	Avg			Detected
24410		V	--	--	Peak			No Emission
24410		V	--	--	Avg			Detected

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Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - 2441 MHz - Y-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2441	91.61	H	114	-22.39	Peak	1.59	135	
2441	90.67	H	94	-3.33	Avg	1.59	135	
4882	52.68	H	74	-21.32	Peak	2.07	135	
4882	47.27	H	54	-6.73	Avg	2.07	135	
7323	48.27	H	74	-25.73	Peak	1.66	135	
7323	36.06	H	54	-17.94	Avg	1.66	135	
9764	53.96	H	74	-20.04	Peak	1.57	180	
9764	39.76	H	54	-14.24	Avg	1.57	180	
12205		H	74	-74	Peak			No Emission
12205		H	54	-54	Avg			Detected
14646		H	74	-74	Peak			No Emission
14646		H	54	-54	Avg			Detected
17087		H	74	-74	Peak			No Emission
17087		H	54	-54	Avg			Detected
19528		H	--	--	Peak			No Emission
19528		H	--	--	Avg			Detected
21969		H	--	--	Peak			No Emission
21969		H	--	--	Avg			Detected
24410		H	--	--	Peak			No Emission
24410		H	--	--	Avg			Detected

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Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - 2441 MHz - Z-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2441	91.11	V	114	-22.89	Peak	2.93	135	
2441	89.95	V	94	-4.05	Avg	2.93	135	
4882	46.61	V	74	-27.39	Peak	1.25	135	
4882	37.91	V	54	-16.09	Avg	1.25	135	
7323	47.8	V	74	-26.2	Peak	1.25	135	
7323	35.89	V	54	-18.11	Avg	1.25	135	
9764	53.95	V	74	-20.05	Peak	1	135	
9764	39.09	V	54	-14.91	Avg	1	135	
12205		V	74	-74	Peak			No Emission
12205		V	54	-54	Avg			Detected
14646		V	74	-74	Peak			No Emission
14646		V	54	-54	Avg			Detected
17087		V	74	-74	Peak			No Emission
17087		V	54	-54	Avg			Detected
19528		V	--	--	Peak			No Emission
19528		V	--	--	Avg			Detected
21969		V	--	--	Peak			No Emission
21969		V	--	--	Avg			Detected
24410		V	--	--	Peak			No Emission
24410		V	--	--	Avg			Detected

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Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - 2441 MHz - Z-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2441	90.57	H	114	-23.43	Peak	1.13	180	
2441	89.62	H	94	-4.38	Avg	1.13	180	
4882	51.08	H	74	-22.92	Peak	2.42	135	
4882	45.21	H	54	-8.79	Avg	2.42	135	
7323	48.61	H	74	-25.39	Peak	1.81	135	
7323	35.88	H	54	-18.12	Avg	1.81	135	
9764	51.42	H	74	-22.58	Peak	1.82	225	
9764	38.79	H	54	-15.21	Avg	1.82	225	
12205		H	74	-74	Peak			No Emission
12205		H	54	-54	Avg			Detected
14646		H	74	-74	Peak			No Emission
14646		H	54	-54	Avg			Detected
17087		H	74	-74	Peak			No Emission
17087		H	54	-54	Avg			Detected
19528		H	--	--	Peak			No Emission
19528		H	--	--	Avg			Detected
21969		H	--	--	Peak			No Emission
21969		H	--	--	Avg			Detected
24410		H	--	--	Peak			No Emission
24410		H	--	--	Avg			Detected

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Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

High Channel - 2480 MHz - X-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2470	94.68	V	114	-19.32	Peak	2.29	0	
2470	93.77	V	94	-0.23	Avg	2.29	0	
4940	52.83	V	74	-21.17	Peak	2.19	125	
4940	47.71	V	54	-6.29	Avg	2.19	125	
7410	49.47	V	74	-24.53	Peak	1.88	125	
7410	36.81	V	54	-17.19	Avg	1.88	125	
9880	51.79	V	74	-22.21	Peak	1.88	180	
9880	39.81	V	54	-14.19	Avg	1.88	180	
12350		V	74	-74	Peak			No Emission
12350		V	54	-54	Avg			Detected
14820		V	74	-74	Peak			No Emission
14820		V	54	-54	Avg			Detected
17290		V	74	-74	Peak			No Emission
17290		V	54	-54	Avg			Detected
19760		V	--	--	Peak			No Emission
19760		V	--	--	Avg			Detected
22230		V	--	--	Peak			No Emission
22230		V	--	--	Avg			Detected
24700		V	--	--	Peak			No Emission
24700		V	--	--	Avg			Detected

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Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

High Channel - 2480 MHz - X-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2470	92.24	H	114	-21.76	Peak	2.81	315	
2470	91.23	H	94	-2.77	Avg	2.81	315	
4940	45.83	H	74	-28.17	Peak	1.32	135	
4940	33.81	H	54	-20.19	Avg	1.32	135	
7410	49.14	H	74	-24.86	Peak	1.32	135	
7410	36.71	H	54	-17.29	Avg	1.32	135	
9880	52.96	H	74	-21.04	Peak	1.32	150	
9880	39.81	H	54	-14.19	Avg	1.32	150	
12350		H	74	-74	Peak			No Emission
12350		H	54	-54	Avg			Detected
14820		H	74	-74	Peak			No Emission
14820		H	54	-54	Avg			Detected
17290		H	74	-74	Peak			No Emission
17290		H	54	-54	Avg			Detected
19760		H	--	--	Peak			No Emission
19760		H	--	--	Avg			Detected
22230		H	--	--	Peak			No Emission
22230		H	--	--	Avg			Detected
24700		H	--	--	Peak			No Emission
24700		H	--	--	Avg			Detected

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Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

High Channel - 2470 MHz - Y-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2470	94.61	V	114	-19.39	Peak	1.18	180	
2470	93.63	V	94	-0.37	Avg	1.18	180	
4940	48.35	V	74	-25.65	Peak	1.29	180	
4940	40.69	V	54	-13.31	Avg	1.29	180	
7410	50.71	V	74	-23.29	Peak	1.51	125	
7410	37.03	V	54	-16.97	Avg	1.51	125	
9880	55.72	V	74	-18.28	Peak	1.32	125	
9880	43.41	V	54	-10.59	Avg	1.32	125	
12350		V	74	-74	Peak			No Emission
12350		V	54	-54	Avg			Detected
14820		V	74	-74	Peak			No Emission
14820		V	54	-54	Avg			Detected
17290		V	74	-74	Peak			No Emission
17290		V	54	-54	Avg			Detected
19760		V	--	--	Peak			No Emission
19760		V	--	--	Avg			Detected
22230		V	--	--	Peak			No Emission
22230		V	--	--	Avg			Detected
24700		V	--	--	Peak			No Emission
24700		V	--	--	Avg			Detected

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RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

High Channel - 2480 MHz - Y-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2470	91.94	H	114	-22.06	Peak	1	180	
2470	90.81	H	94	-3.19	Avg	1	180	
4940	48.91	H	74	-25.09	Peak	1.35	180	
4940	38.57	H	54	-15.43	Avg	1.35	180	
7410	51.01	H	74	-22.99	Peak	1.33	135	
7410	36.61	H	54	-17.39	Avg	1.33	135	
9880	53.55	H	74	-20.45	Peak	1.58	135	
9880	39.05	H	54	-14.95	Avg	1.58	135	
12350		H	74	-74	Peak			No Emission
12350		H	54	-54	Avg			Detected
14820		H	74	-74	Peak			No Emission
14820		H	54	-54	Avg			Detected
17290		H	74	-74	Peak			No Emission
17290		H	54	-54	Avg			Detected
19760		H	--	--	Peak			No Emission
19760		H	--	--	Avg			Detected
22230		H	--	--	Peak			No Emission
22230		H	--	--	Avg			Detected
24700		H	--	--	Peak			No Emission
24700		H	--	--	Avg			Detected

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RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

High Channel - 2480 MHz - Z-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2470	89.86	V	114	-24.14	Peak	2.98	45	
2470	88.76	V	94	-5.24	Avg	2.98	45	
4940	47.09	V	74	-26.91	Peak	1.68	0	
4940	36.47	V	54	-17.53	Avg	1.68	0	
7410	49.45	V	74	-24.55	Peak	1.68	135	
7410	36.67	V	54	-17.33	Avg	1.68	135	
9880	52.33	V	74	-21.67	Peak	1.59	135	
9880	39.66	V	54	-14.34	Avg	1.59	135	
12350		V	74	-74	Peak			No Emission
12350		V	54	-54	Avg			Detected
14820		V	74	-74	Peak			No Emission
14820		V	54	-54	Avg			Detected
17290		V	74	-74	Peak			No Emission
17290		V	54	-54	Avg			Detected
19760		V	--	--	Peak			No Emission
19760		V	--	--	Avg			Detected
22230		V	--	--	Peak			No Emission
22230		V	--	--	Avg			Detected
24700		V	--	--	Peak			No Emission
24700		V	--	--	Avg			Detected

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Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

High Channel - 2480 MHz - Z-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2470	88.58	H	114	-25.42	Peak	1.14	180	
2470	87.74	H	94	-6.26	Avg	1.14	180	
4940	50.24	H	74	-23.76	Peak	2.15	135	
4940	42.34	H	54	-11.66	Avg	2.15	135	
7410	50.95	H	74	-23.05	Peak	2.15	135	
7410	36.67	H	54	-17.33	Avg	2.15	135	
9880	52.16	H	74	-21.84	Peak	2.16	125	
9880	39.11	H	54	-14.89	Avg	2.16	125	
12350		H	74	-74	Peak			No Emission
12350		H	54	-54	Avg			Detected
14820		H	74	-74	Peak			No Emission
14820		H	54	-54	Avg			Detected
17290		H	74	-74	Peak			No Emission
17290		H	54	-54	Avg			Detected
19760		H	--	--	Peak			No Emission
19760		H	--	--	Avg			Detected
22230		H	--	--	Peak			No Emission
22230		H	--	--	Avg			Detected
24700		H	--	--	Peak			No Emission
24700		H	--	--	Avg			Detected

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Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/02/07
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - Receive Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Found from the
								Receiver Mode
								for both the Vertical and
								Horizontal Polarizations

FCC 15.249 and FCC Class B

Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/01/07
Labs: B and D
Tested By: Kyle Fujimoto

Digital Portion of the EUT and Non-Harmonic Emissions from the Transmitter - 10 kHz to 25 GHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Found from the
								Digital Portion
								for both the Vertical and
								Horizontal Polarizations
								No Emissions Found from the
								Non-Harmonic Emissions of the Tx
								for both the Vertical and
								Horizontal Polarizations

BAND EDGES

DATA SHEETS

FCC 15.249
Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

Date: 05/01/07
Lab: B
Tested By: Kyle Fujimoto

Transmit Mode

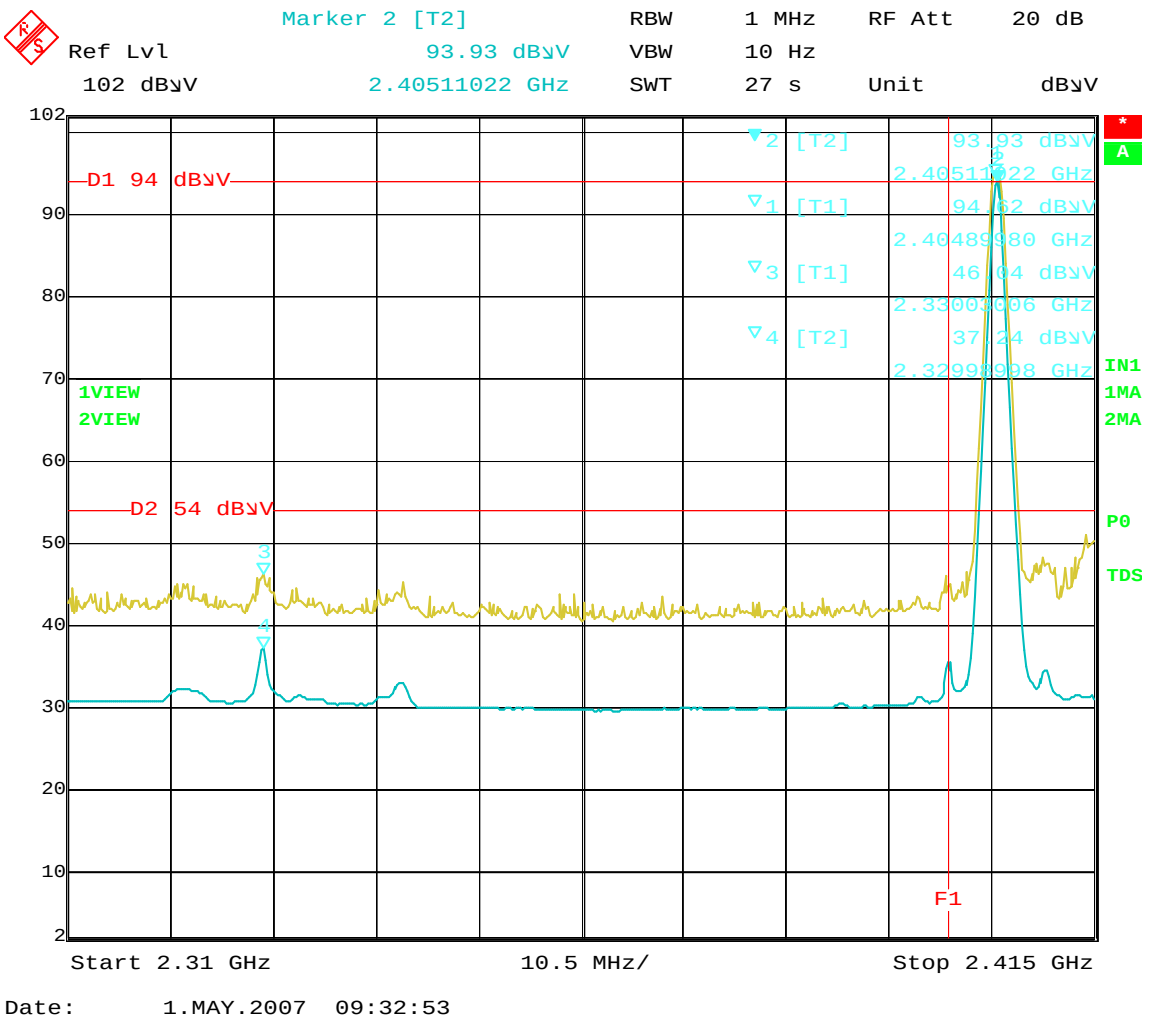
Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2405	94.62	V	114	-19.38	Peak	2.95	0	Fundamental of Low Channel
2405	93.93	V	94	-0.07	Avg	2.95	0	@ 3 Meters - Y-Axis (worst case)
2330	46.04	V	74	-27.96	Peak	2.95	0	**No** Marker Delta Method
2330	37.24	V	54	-16.76	Peak	2.95	0	Method Used
2470	94.68	V	114	-19.32	Peak	2.29	0	Fundamental of High Channel
2470	93.77	V	94	-0.23	Avg	2.29	0	@ 3 Meters - X-Axis (worst case)
2483.5	41.15	V	74	-32.85	Peak	2.29	0	**No** Marker Delta Method
2486.1	31.05	V	54	-22.95	Avg	2.29	0	Method Used

FCC 15.249
Interlink Electronics, Inc.
RemotePoint Jade
Model: VP4910R

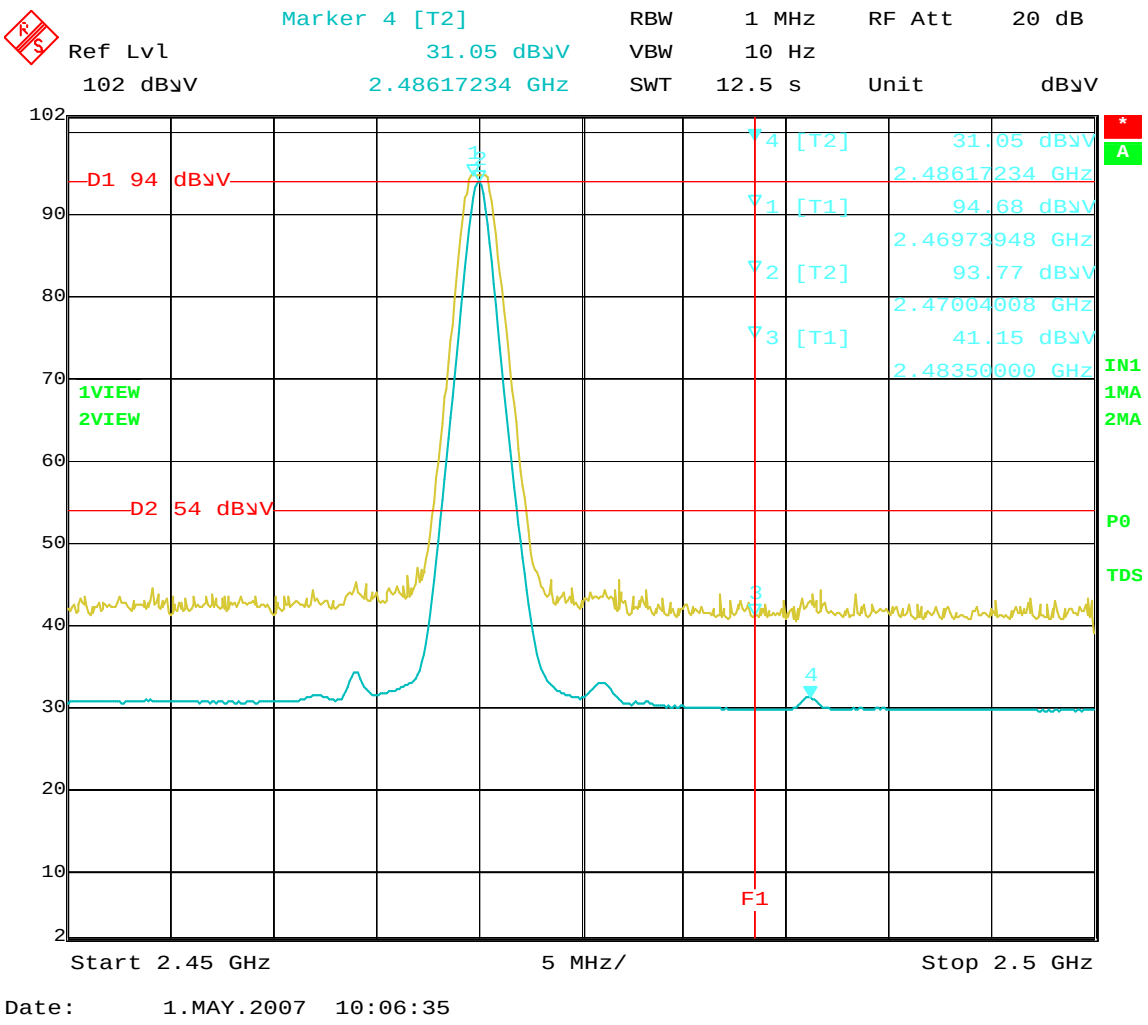
Date: 05/01/07
Lab: B
Tested By: Kyle Fujimoto

Transmit Mode

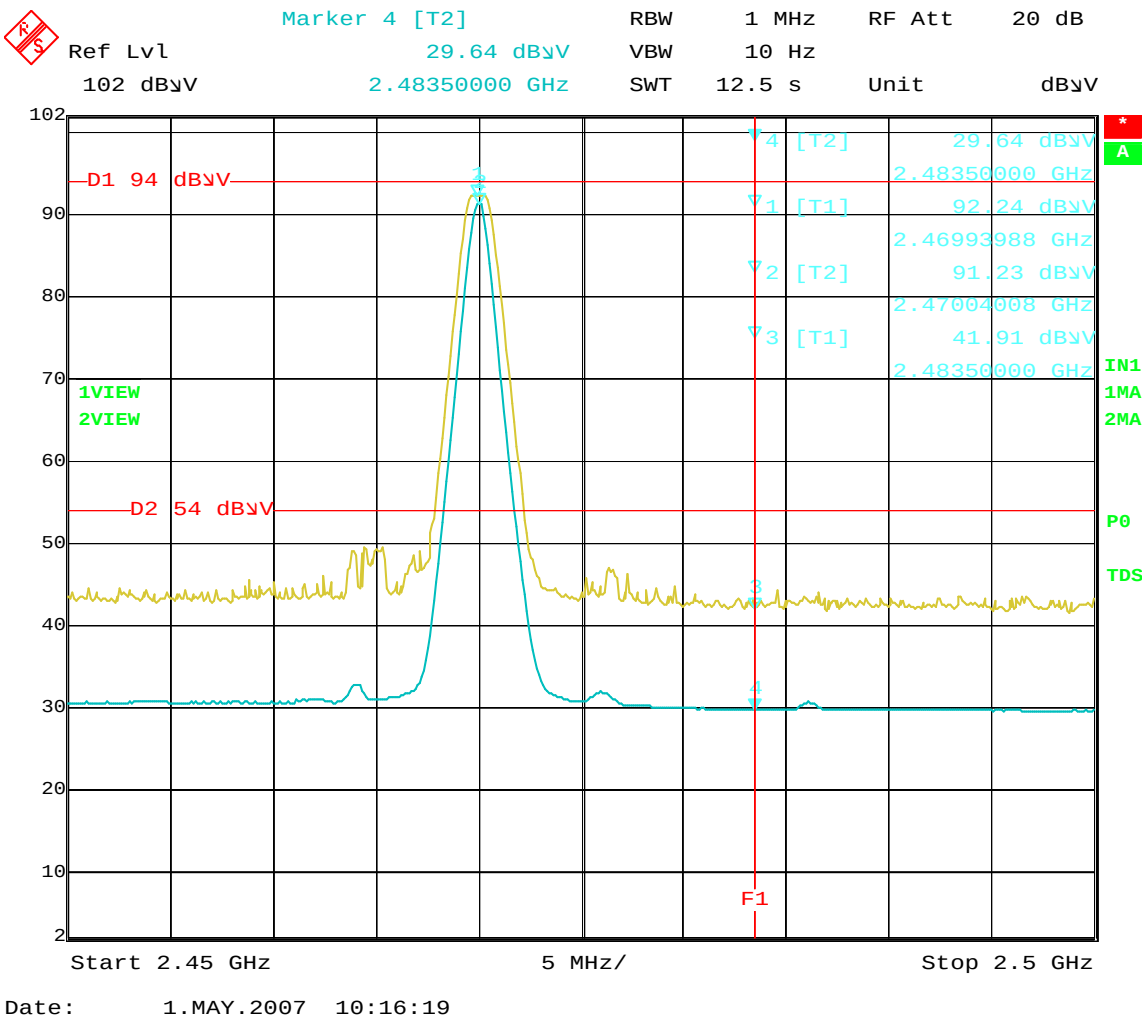
Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2405	93.98	V	114	-20.02	Peak	1.24	0	Fundamental of Low Channel
2405	93.17	V	94	-0.83	Avg	1.24	0	@ 3 Meters - X-Axis (worst case)
2400	40.85	H	54	-13.15	Avg	1.24	0	**No** Marker Delta Method
2400	31.63	H	54	-22.37	Avg	1.24	0	Method Used
2470	92.41	H	114	-21.59	Peak	1.45	225	Fundamental of High Channel
2470	91.65	H	94	-2.35	Avg	1.45	225	@ 3 Meters - X-Axis (worst case)
2483.5	35.78	H	74	-38.22	Peak	1.45	225	**No** Marker Delta Method
2483.5	23.51	H	54	-30.49	Avg	1.45	225	Method Used



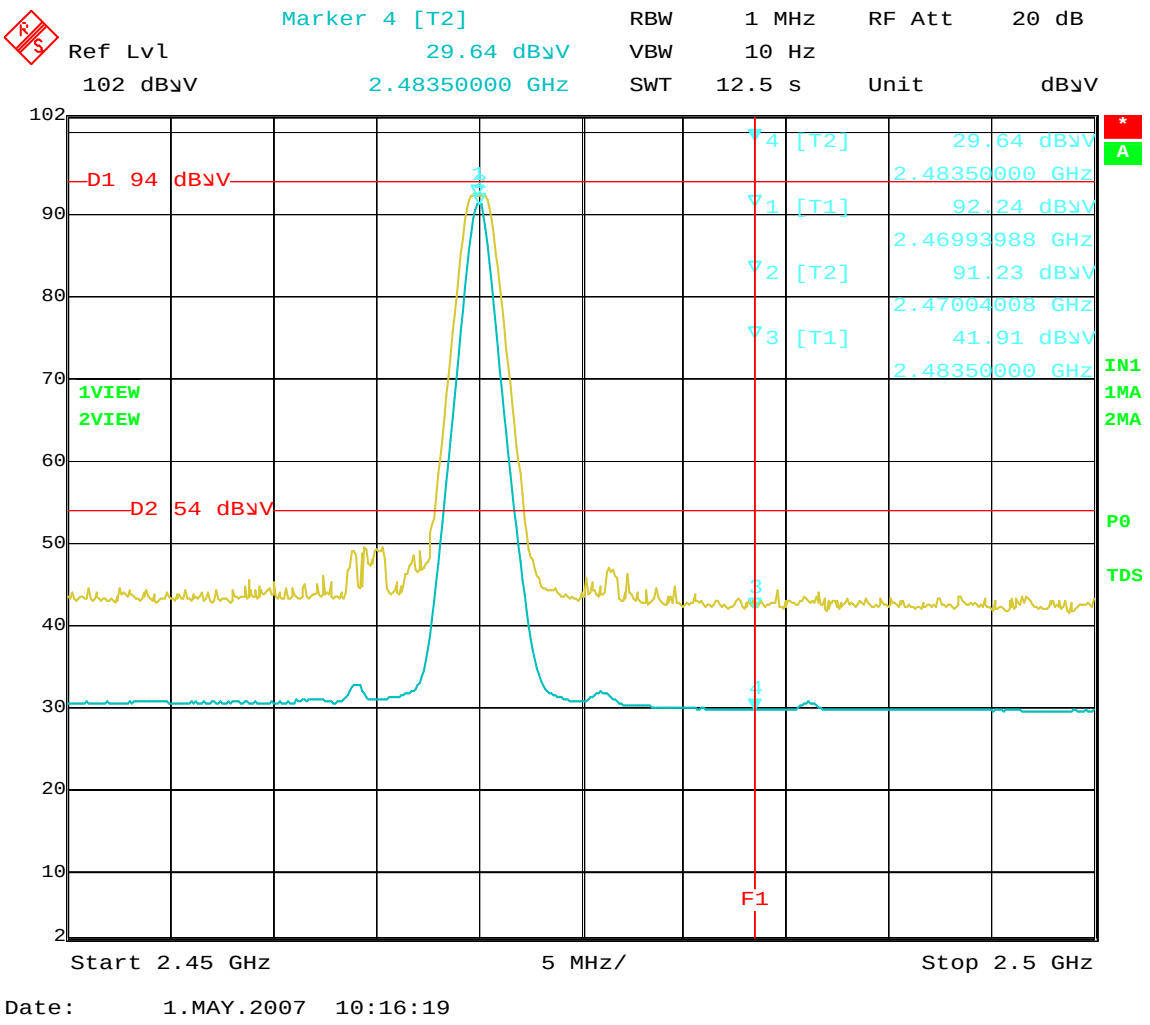
Band Edge – Low Channel – Vertical Polarization – Y-Axis (Worst Case)



Band Edge – Low Channel – Vertical Polarization – X-Axis (Worst Case)



Band Edge – Low Channel – Horizontal Polarization – X-Axis (Worst Case)



Band Edge – High Channel – Horizontal Polarization – X-Axis (Worst Case)