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**FCC PART 15.247
AND IC RSS-210
TEST REPORT**

APPLICANT	OMNEX CONTROL SYSTEMS ULC
	#74-1833 COAST MERIDIAN ROAD
	PORT COQUITLAM BRITISH COLUMBIA V3C 6G5 CANADA
FCC ID	IA9LPD-900
MODEL NUMBER	LPD-900
PRODUCT DESCRIPTION	FREQUENCY HOPPING SPREAD SPECTRUM TRANSCEIVER MODULE
DATE SAMPLE RECEIVED	3/20/2007
DATE TESTED	4/9/2007
TESTED BY	Richard Block
APPROVED BY	Mario de Aranzeta
TIMCO REPORT NO.	O\OMNEX_IA9\643AUT7\643AUT7TestReport.doc
TEST RESULTS	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL

THE ATTACHED REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE
WRITTEN APPROVAL OF TIMCO ENGINEERING, INC.

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LETTER OF INTRODUCTION

April 24, 2007

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

SUBJECT: OMNEX CONTROL SYSTEMS ULC

FCC ID: IA9LPD-900

To Whom It May Concern:

Enclosed please find an application for certification for limited modular approval for FCC ID: IA9LPD-900. The LPD-900 is a frequency hopping spread spectrum transceiver module in the 902-928 MHz ISM band.

The module will typically be integrated into systems used for remote control and monitoring of industrial equipment such as cranes, concrete pumps, loaders, etc. The LPD-900 transceiver module is embedded as part of a complete OMNEX control system and is not sold separately as a stand-alone device.

Should you have any questions or require any further information with regards to this, please feel free to contact me.

Sincerely,

Mario R. de Aranzeta C.E.T.
Engineer

MRD/sh
Encl.

APPLICANT: OMNEX CONTROL SYSTEMS ULC
FCC ID: IA9LPD-900
REPORT #: C:\Ready_To_Convert\Doc\793261.DOC

EMC EQUIPMENT LIST

Device	Manufacturer	Model	Serial Number	Cal/Char Date	Due Date
3/10-Meter OATS	TEI	N/A	N/A	Listed 3/27/04	3/26/07
3-Meter OATS	TEI	N/A	N/A	Listed 1/11/06	1/10/09
3-Meter Semi-Anechoic Chamber	Panashield	N/A	N/A	Listed 5/12/04	5/11/07
Antenna: Biconnical	Eaton	94455-1	1057	CAL 12/12/05	12/12/07
Antenna: Biconnical	Eaton	94455-1	1096	CAL 10/11/06	10/11/08
Antenna: Biconnical	Electro-Metrics	BIA-25	1171	CAL 4/29/05	4/29/07
Antenna: Double-Ridged Horn	Electro-Metrics	RGA-180	2319	CAL 12/29/04	12/29/06
LISN	Electro-Metrics	ANS-25/2	2604	CAL 10/5/06	10/5/08
LISN	Electro-Metrics	EM-7820	2682	CAL 4/28/05	4/28/07
Antenna: Log-Periodic	Eaton	96005	1243	CAL 12/14/05	12/14/07
Analyzer: Tan Tower Spectrum Analyzer	HP	8566B Opt 462	3138A07786 3144A20661	CAL 12/7/05	12/7/07
Analyzer: Tan Tower RF Preselector	HP	85685A	3221A01400	CAL 12/7/05	12/7/07
Analyzer: Tan Tower Quasi-Peak Adapter	HP	85650A	3303A01690	CAL 12/8/05	12/8/07
Analyzer: Tan Tower Preamplifier	HP	8449B-H02	3008A00372	CAL 12/8/05	12/8/07

TEST PROCEDURE

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POWER LINE CONDUCTED INTERFERENCE: The procedure used was ANSI C63.4-2003 using a 50uH LISN. Both lines were observed with the DUT transmitting. The bandwidth of the spectrum analyzer was 10 kHz with an appropriate sweep speed.

BANDWIDTH 20 dB: The measurements were made with the spectrum analyzer's resolution bandwidth (RBW) = 1 MHz and the video bandwidth (VBW) = 3 MHz and the span set as shown on plot.

POWER OUTPUT: The RF power output was measured at the antenna feed point using a peak power meter.

ANTENNA CONDUCTED EMISSIONS: The RBW = 100 kHz, VBW = 300 kHz and the span set to 10.0 MHz and the spectrum was scanned from 30 MHz to the 10th harmonic of the fundamental. Above 1 GHz the resolution bandwidth was 1 MHz and the VBW = 3 MHz and the span to 50 MHz.

RADIATION INTERFERENCE: The test procedure used was ANSI C63.4-2003 using an Agilent spectrum receiver with pre-selector. The bandwidth (RBW) of the spectrum receiver was 100 kHz up to 1 GHz and 1 MHz above 1 GHz with an appropriate sweep speed. The VBW above 1 GHz was 3 MHz. The analyzer was calibrated in dB above a microvolt at the output of the antenna.

POWER LINE CONDUCTED INTERFERENCE

RULES PART NO.: 15.107(a)

REQUIREMENTS:	QUASI-PEAK	AVERAGE
.15 - 0.5 MHz	66-56 dBuV	56-46 dBuV
0.5 - 5.0	56	46
5.0 - 30.	60	50

TEST PROCEDURE: ANSI C63.4-2003. The spectrum was scanned from .15 to 30 MHz.

TEST DATA: Not applicable.

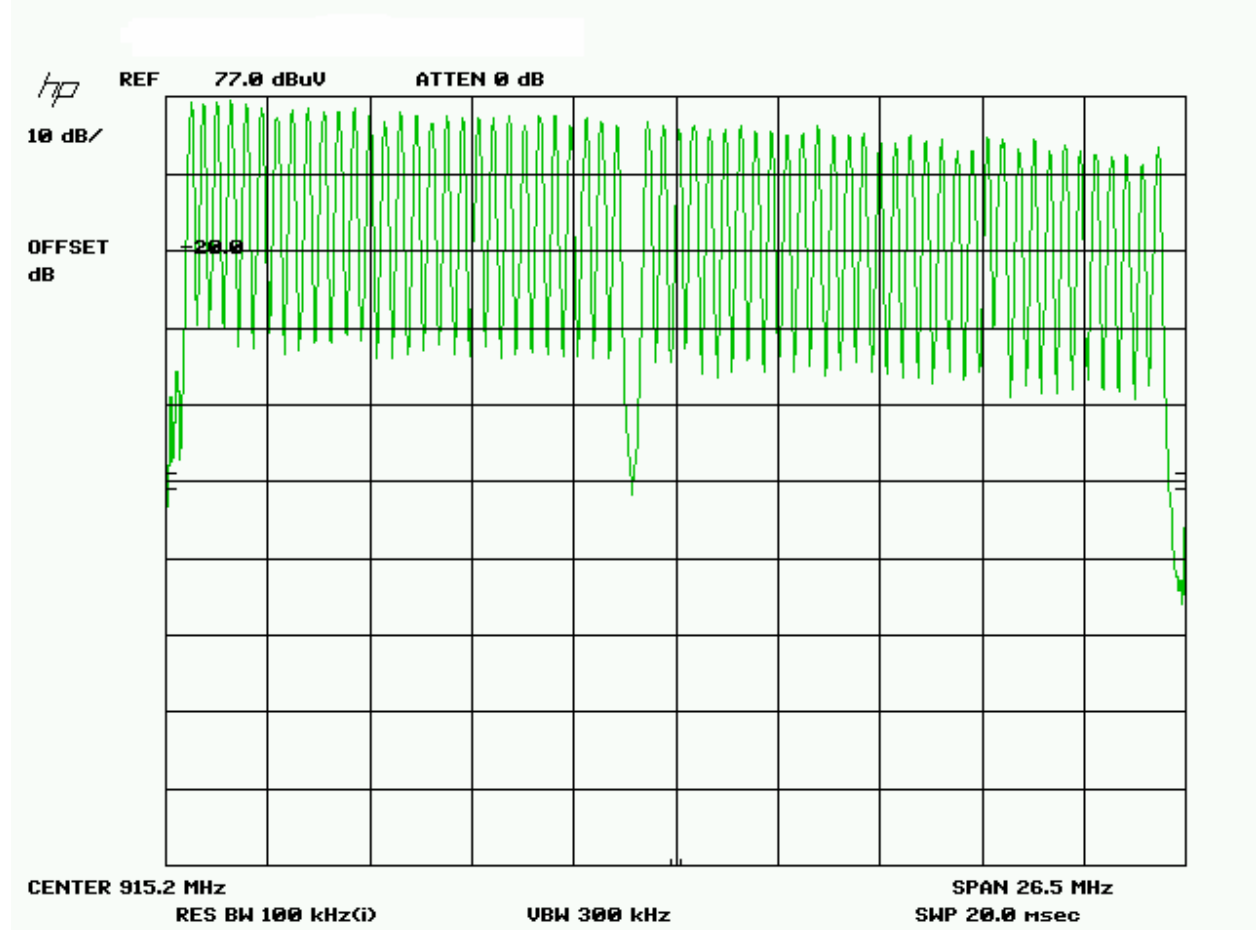
NUMBER OF HOPPING CHANNELS

RULES PART NO.: 15.247(a) (1)

REQUIREMENTS: For frequency hopping systems operating in the 902-928 MHz band, if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 20 second period. If the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period. The maximum allowed 20 dB bandwidth of the hopping channel is 500 kHz.

TEST RESULTS: The number of hops is 64 hops

NUMBER OF HOPPING CHANNELS



CHANNEL SPACING

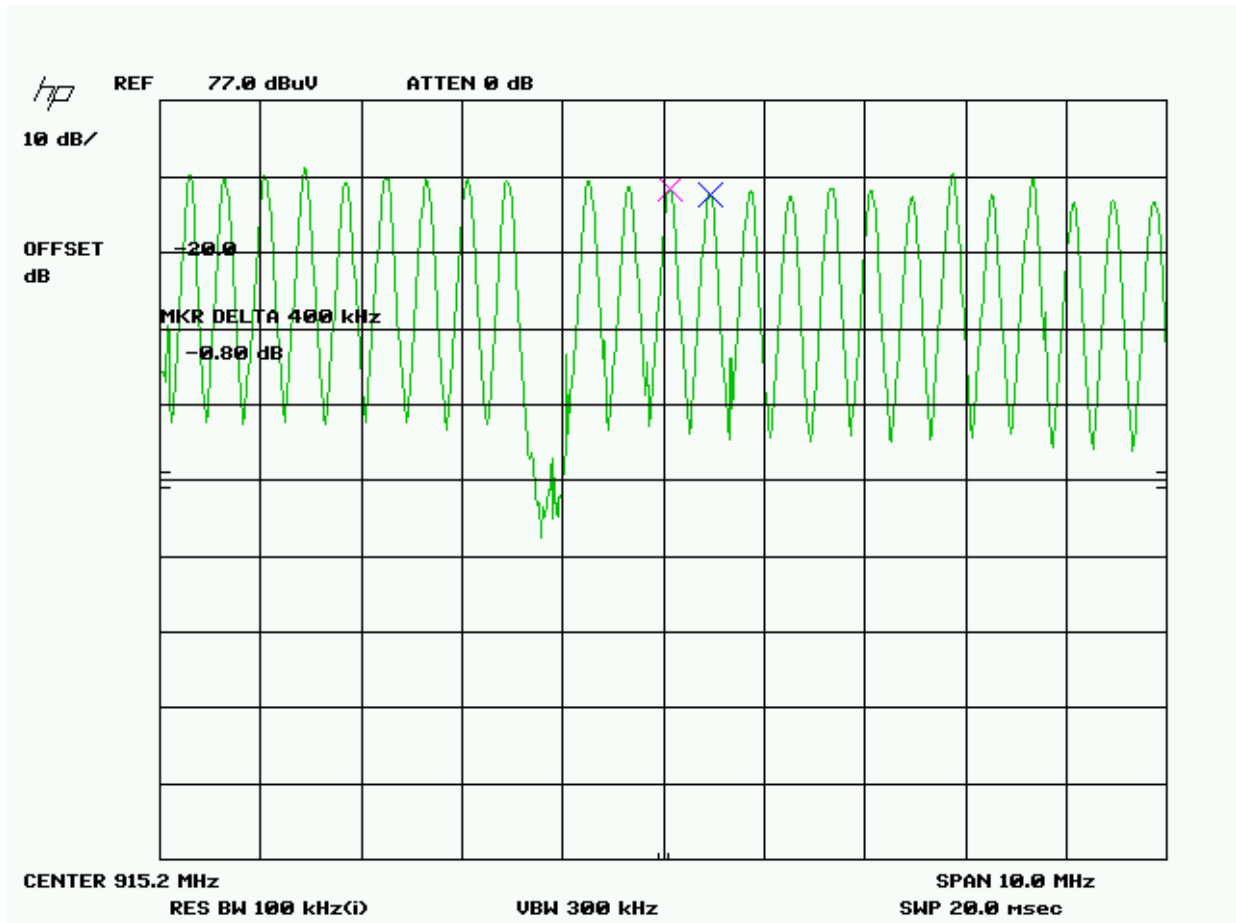
RULES PART NO.: 15.247(a) (1)

REQUIREMENTS: For frequency hopping systems operating in the 902-928 MHz band, if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 20 second period. If the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period. The maximum allowed 20 dB bandwidth of the hopping channel is 500 kHz.

RESULTS:

The channel spacing is 400 kHz

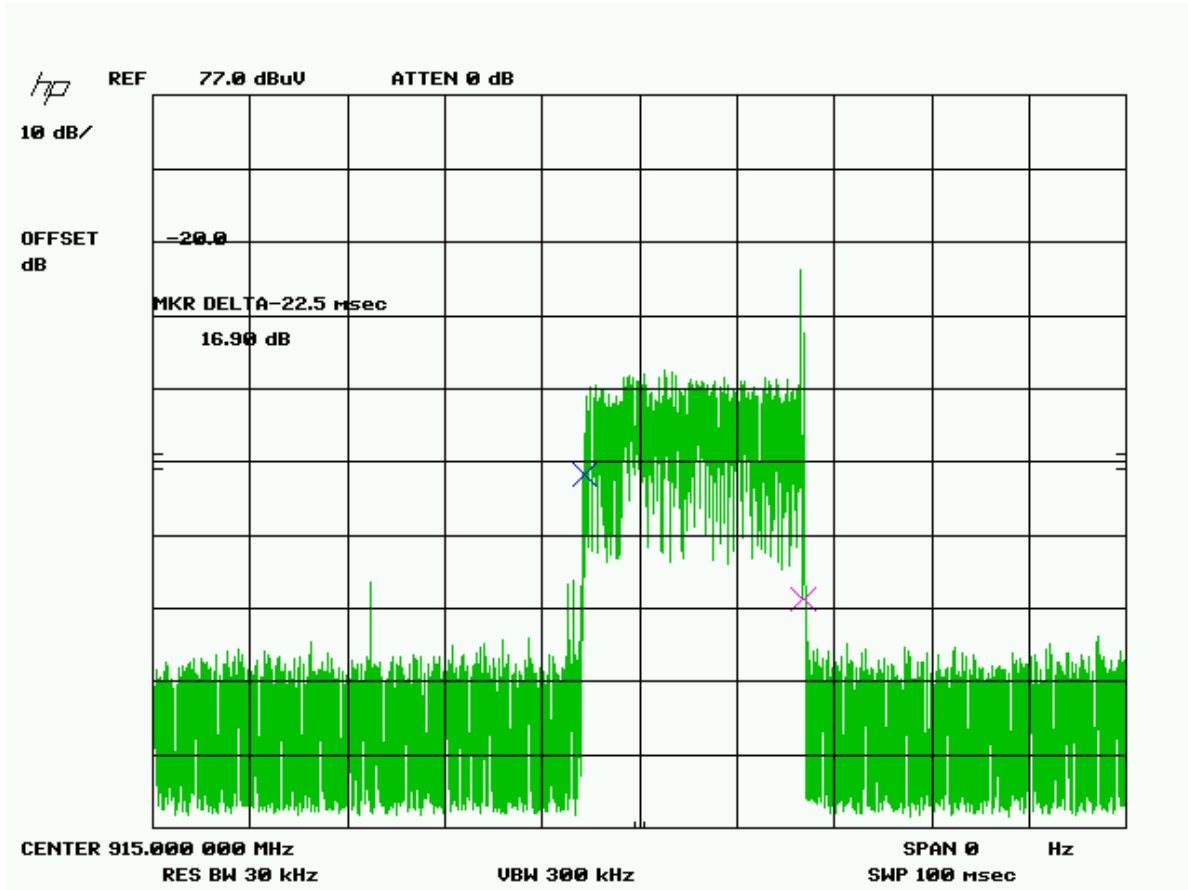
CHANNEL/CARRIER SPACING



DWELL TIME OF A HOPPING CHANNEL

RULES PART NO.: 15.247(a) (1) (i)

REQUIREMENTS: The dwell time is 22.5 milliseconds



ANTENNA GAIN

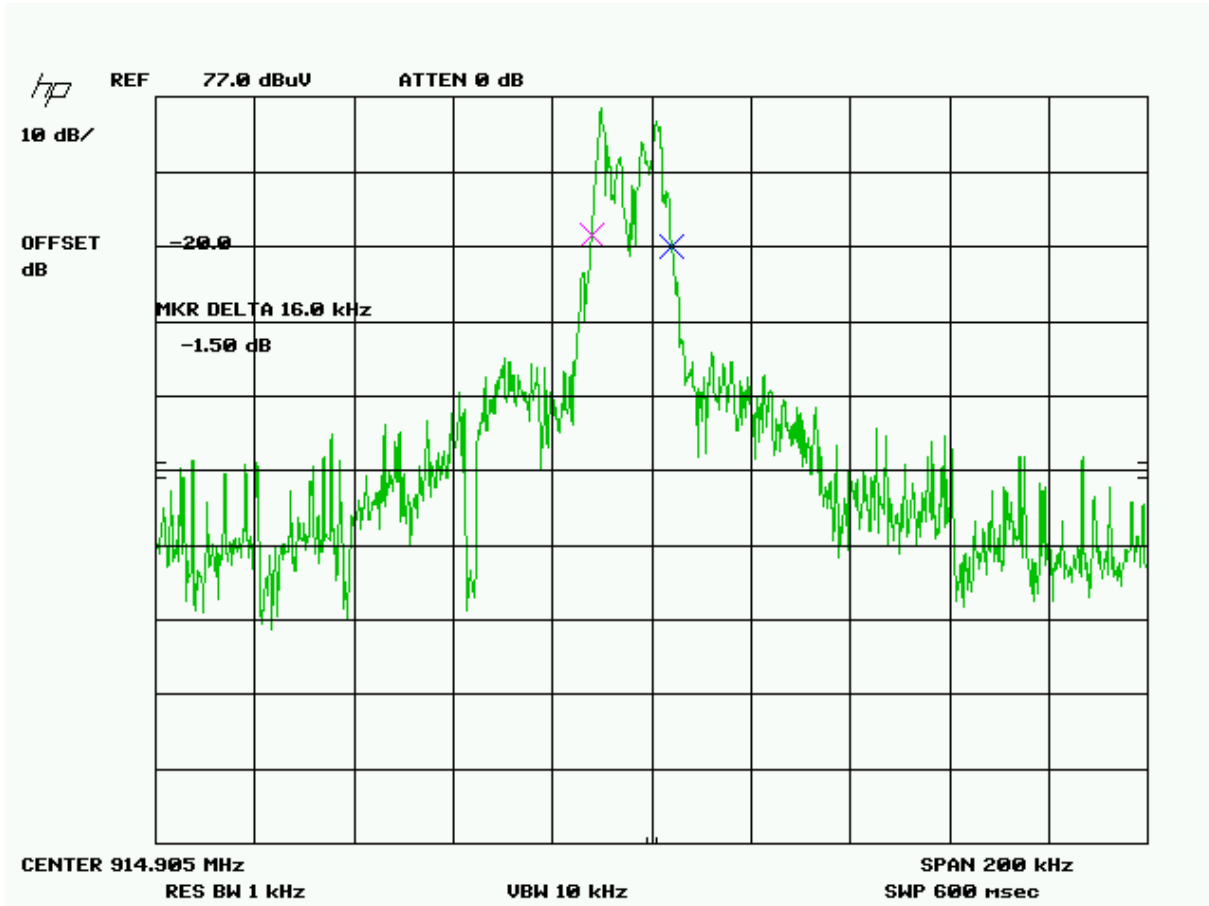
RULE PART NO.: 15.247(b) (3)

REQUIREMENTS: All antennas are less than 2dBi antenna gain. This is described in the circuit description.

20DB BANDWIDTH

RULE PART NO.: 15.247(a) (1) (iii)

REQUIREMENTS: The 20 dB bandwidth measured is 16 kHz



Three places in the band were measured and the worst case presented above.

POWER OUTPUT

RULE PART NO.: 15.247(b) (1)

REQUIREMENTS: 1.0 Watt or +30 dBm

MEASUREMENT: 902.2 MHz 0.521 mW EIRP
915.0 MHz 0.400 mW EIRP
927.7 MHz 0.284 mW EIRP

Method: 15.247(c)

The device under test has an integral antenna and the power was measured on a radiated basis.

FIELD STRENGTH OF SPURIOUS EMISSIONS

RULES PART NO.: 15.247(c), 15.205 & 15.209(b)

REQUIREMENTS:

FIELD STRENGTH of Fundamental:	FIELD STRENGTH of Harmonics	S15.209 30 - 88 MHz 40 dBuV/m @3M
902-928MHz		88 -216 MHz 43.5
2.4-2.4835GHz	127.37dBuV/m	216 -960 MHz 46
127.38dBuV/m @3m	54 dBuV/m @3m	ABOVE 960 MHz 54dBuV/m

EMISSIONS RADIATED OUTSIDE OF THE SPECIFIED FREQUENCY BANDS, EXCEPT FOR HARMONICS, SHALL BE ATTENUATED BY AT LEAST 20 dB BELOW THE LEVEL OF THE FUNDAMENTAL OR TO THE GENERAL RADIATED EMISSION LIMITS IN 15.209, WHICHEVER IS THE LESSER ATTENUATION.

Emissions that fall in the restricted bands (15.205) must be less than 54dBuV/m otherwise the spurious and harmonics must be attenuated by at least 20dB.

TEST DATA - ANTENNA - INTERNAL ¼ WAVELENGTH OF WIRE:

Tuned Frequency MHz	Emission Frequency MHz	Meter Reading dBuV	Ant. Polarity V/H	Coax Loss dB	Correction Factor dB/m	Field Strength dBuV/m	Margin dB
902.2	902.20	66.8	V	1.95	22.68	91.43	35.95
902.2	902.20	69.3	H	1.95	23.32	94.57	32.81
902.2	1,804.40	13.7	H	2.74	30.03	46.47	80.91
902.2	1,804.40	13.7	V	2.74	30.03	46.47	80.91
902.2	2,706.60	5.2	V	3.39	32.85	41.44	12.56
902.2	2,706.60	5.8	H	3.39	32.85	42.04	11.96
902.2	3,608.80	6.1	V	4.15	33.39	43.64	10.36
902.2	3,608.80	6.5	H	4.15	33.39	44.04	9.96
902.2	4,511.00	5.9	V	4.76	34.11	44.77	9.23
902.2	5,413.20	6.0	H	5.12	35.00	46.12	7.88
902.2	5,413.20	6.6	V	5.12	35.00	46.72	7.28
902.2	6,315.40	8.6	V	5.39	35.95	49.94	4.06
902.2	6,315.40	8.6	H	5.39	35.95	49.94	4.06
902.2	7,217.60	9.0	H	5.73	36.16	50.89	3.11
902.2	7,217.60	9.1	V	5.73	36.16	50.99	3.01
902.2	8,119.80	7.9	V	6.25	36.30	50.45	3.55
902.2	8,119.80	9.8	H	6.25	36.30	52.35	1.65
902.2	9,022.00	8.3	V	6.61	36.83	51.74	2.26
902.2	9,022.00	9.3	H	6.61	36.83	52.74	1.26
915.0	915.00	64.5	V	1.97	22.60	89.07	38.31
915.0	915.00	68.1	H	1.97	23.35	93.42	33.96
915.0	1,830.00	12.6	V	2.76	30.18	45.54	81.84
915.0	1,830.00	13.8	H	2.76	30.18	46.74	80.64
915.0	2,745.00	4.7	V	3.42	32.89	41.01	12.99
915.0	2,745.00	5.0	H	3.42	32.89	41.31	12.69
915.0	3,660.00	6.0	H	4.19	33.43	43.62	10.38
915.0	3,660.00	7.0	V	4.19	33.43	44.62	9.38
915.0	4,575.00	5.3	V	4.79	34.16	44.25	9.75

Tuned Frequency MHz	Emission Frequency MHz	Meter Reading dBuV	Ant. Polarity V/H	Coax Loss dB	Correction Factor dB/m	Field Strength dBuV/m	Margin dB
915.0	4,575.00	6.0	H	4.79	34.16	44.95	9.05
915.0	5,490.00	5.9	V	5.15	35.09	46.14	7.86
915.0	5,490.00	6.4	H	5.15	35.09	46.64	7.36
915.0	6,405.00	7.8	H	5.42	36.02	49.24	4.76
915.0	6,405.00	8.3	V	5.42	36.02	49.74	4.26
915.0	7,320.00	8.6	V	5.79	36.28	50.67	3.33
915.0	7,320.00	8.6	H	5.79	36.28	50.67	3.33
915.0	8,235.00	8.6	V	6.29	36.30	51.19	2.81
915.0	8,235.00	9.1	H	6.29	36.30	51.69	2.31
915.0	9,150.00	8.7	H	6.65	36.98	52.33	1.67
915.0	9,150.00	9.1	V	6.65	36.98	52.73	1.28
927.7	927.70	62.7	V	1.99	22.68	87.37	40.01
927.7	927.70	66.5	H	1.99	23.45	91.94	35.44
927.7	1,855.40	13.5	V	2.78	30.33	46.61	80.77
927.7	1,855.40	14.2	H	2.78	30.33	47.31	80.07
927.7	2,783.10	6.5	H	3.45	32.94	42.89	11.11
927.7	2,783.10	6.6	V	3.45	32.94	42.99	11.01
927.7	3,710.80	6.7	V	4.24	33.47	44.41	9.59
927.7	3,710.80	7.0	H	4.24	33.47	44.71	9.29
927.7	4,638.50	6.7	V	4.82	34.21	45.73	8.27
927.7	4,638.50	6.9	H	4.82	34.21	45.93	8.07
927.7	5,566.20	5.0	V	5.17	35.18	45.35	8.65
927.7	5,566.20	5.6	H	5.17	35.18	45.95	8.05
927.7	6,493.90	8.6	V	5.45	36.10	50.15	3.85
927.7	6,493.90	8.8	H	5.45	36.10	50.35	3.65
927.7	7,421.60	8.9	V	5.85	36.41	51.16	2.84
927.7	7,421.60	10.0	H	5.85	36.41	52.26	1.74
927.7	8,349.30	8.3	V	6.34	36.30	50.94	3.06
927.7	8,349.30	9.2	H	6.34	36.30	51.84	2.16
927.7	9,277.00	8.0	H	6.68	37.13	51.81	2.19
927.7	9,277.00	9.9	V	6.68	37.13	53.71	0.29

Emissions attenuated more than 20 dB below the limit are not reported.

FIELD STRENGTH OF SPURIOUS EMISSIONS (CONTINUED)

RULE PART NO. 15.247(c), 15.205 & 15.209(b)

REQUIREMENTS:

FIELD STRENGTH of Fundamental:	FIELD STRENGTH of Harmonics	S15.209 30 - 88 MHz 40 dBuV/m @3M
902-928MHz		88 -216 MHz 43.5
2.4-2.4835GHz	127.37dBuV/m	216 -960 MHz 46
127.38dBuV/m @3m	54 dBuV/m @3m	ABOVE 960 MHz 54dBuV/m

EMISSIONS RADIATED OUTSIDE OF THE SPECIFIED FREQUENCY BANDS, EXCEPT FOR HARMONICS, SHALL BE ATTENUATED BY AT LEAST 20 dB BELOW THE LEVEL OF THE FUNDAMENTAL OR TO THE GENERAL RADIATED EMISSION LIMITS IN 15.209, WHICHEVER IS THE LESSER ATTENUATION.

Emissions that fall in the restricted bands (15.205) must be less than 54dBuV/m otherwise the spurious and harmonics must be attenuated by at least 20dBc.

TEST DATA - ANTENNA - ¼ WAVE EXTERNAL ANTENNA:

Tuned Frequency MHz	Emission Frequency MHz	Meter Reading dBuV	Ant. Polarity V/H	Coax Loss dB	Correction Factor dB/m	Field Strength dBuV/m	Margin dB
902.2	902.20	68.5	H	4.82	23.34	96.66	30.72
902.2	902.20	73.9	V	4.82	22.92	101.64	25.74
902.2	1,804.40	13.5	H	1.60	30.34	45.44	81.94
902.2	1,804.40	13.7	V	1.60	30.34	45.64	81.74
902.2	2,706.60	4.8	H	1.98	32.68	39.46	14.54
902.2	2,706.60	5.9	V	1.98	32.68	40.56	13.44
902.2	3,608.80	4.4	V	2.28	33.19	39.87	14.13
902.2	3,608.80	4.6	H	2.28	33.19	40.07	13.93
902.2	4,511.00	4.9	H	2.55	33.90	41.35	12.65
902.2	4,511.00	5.0	V	2.55	33.90	41.45	12.55
902.2	5,413.20	3.5	H	2.87	34.50	40.87	13.13
902.2	5,413.20	3.6	V	2.87	34.50	40.97	13.03
902.2	6,315.40	9.4	V	3.16	35.55	48.11	5.89
902.2	6,315.40	9.8	H	3.16	35.55	48.51	5.49
902.2	7,217.60	8.3	V	3.37	35.56	47.23	6.77
902.2	7,217.60	9.8	H	3.37	35.56	48.73	5.27
902.2	8,119.80	9.2	H	3.62	35.72	48.54	5.46
902.2	8,119.80	9.9	V	3.62	35.72	49.24	4.76
902.2	9,022.00	8.3	H	3.80	36.02	48.12	5.88
902.2	9,022.00	8.9	V	3.80	36.02	48.72	5.28
915.0	915.00	69.4	H	4.35	23.65	97.40	29.98
915.0	915.00	72.7	V	4.35	23.20	100.25	27.14
915.0	1,830.00	14.0	V	1.62	30.54	46.16	81.23
915.0	1,830.00	14.0	H	1.62	30.54	46.16	81.23
915.0	2,745.00	6.8	V	2.00	32.70	41.50	12.50
915.0	2,745.00	7.4	H	2.00	32.70	42.10	11.90

Tuned Frequency MHz	Emission Frequency MHz	Meter Reading dBuV	Ant. Polarity V/H	Coax Loss dB	Correction Factor dB	Field Strength dBuV/m	Margin dB
915.0	3,660.00	4.5	H	2.30	33.23	40.03	13.97
915.0	3,660.00	5.0	V	2.30	33.23	40.53	13.47
915.0	4,575.00	4.7	H	2.57	33.92	41.19	12.81
915.0	4,575.00	5.0	V	2.57	33.92	41.49	12.51
915.0	5,490.00	4.8	V	2.90	34.59	42.29	11.71
915.0	5,490.00	5.0	H	2.90	34.59	42.49	11.51
915.0	6,405.00	9.5	V	3.18	35.62	48.30	5.70
915.0	6,405.00	9.7	H	3.18	35.62	48.50	5.50
915.0	7,320.00	8.6	V	3.40	35.54	47.54	6.46
915.0	7,320.00	9.4	H	3.40	35.54	48.34	5.66
915.0	8,235.00	8.4	V	3.65	35.75	47.80	6.20
915.0	8,235.00	9.4	H	3.65	35.75	48.80	5.20
915.0	9,150.00	9.2	V	3.82	36.15	49.17	4.83
915.0	9,150.00	9.4	H	3.82	36.15	49.37	4.64
927.7	927.70	65.4	H	3.88	24.49	93.77	33.61
927.7	927.70	71.0	V	3.88	24.40	99.28	28.10
927.7	1,855.40	14.4	V	1.63	30.74	46.77	80.61
927.7	1,855.40	14.7	H	1.63	30.74	47.07	80.31
927.7	2,783.10	5.3	V	2.01	32.71	40.02	13.98
927.7	2,783.10	7.6	H	2.01	32.71	42.32	11.68
927.7	3,710.80	3.9	H	2.31	33.27	39.48	14.52
927.7	3,710.80	4.9	V	2.31	33.27	40.48	13.52
927.7	4,638.50	5.6	H	2.59	33.93	42.12	11.88
927.7	4,638.50	6.4	V	2.59	33.93	42.92	11.08
927.7	5,566.20	4.5	H	2.93	34.69	42.12	11.88
927.7	5,566.20	5.1	V	2.93	34.69	42.72	11.28
927.7	6,493.90	9.4	H	3.20	35.70	48.30	5.70
927.7	6,493.90	9.9	V	3.20	35.70	48.80	5.20
927.7	7,421.60	9.3	H	3.43	35.52	48.25	5.75
927.7	7,421.60	9.4	V	3.43	35.52	48.35	5.65
927.7	8,349.30	9.5	V	3.67	35.77	48.94	5.06
927.7	8,349.30	10.4	H	3.67	35.77	49.84	4.16
927.7	9,277.00	9.1	V	3.83	36.28	49.21	4.79
927.7	9,277.00	10.0	H	3.83	36.28	50.11	3.89

FIELD STRENGTH OF SPURIOUS EMISSIONS (CONTINUED)

RULE PART NO. 15.247(c), 15.205 & 15.209(b)

REQUIREMENTS:

FIELD STRENGTH of Fundamental:	FIELD STRENGTH of Harmonics	S15.209 30 - 88 MHz 40 dBuV/m @3M
902-928MHz		88 -216 MHz 43.5
2.4-2.4835GHz	127.37dBuV/m	216 -960 MHz 46
127.38dBuV/m @3m	54 dBuV/m @3m	ABOVE 960 MHz 54dBuV/m

EMISSIONS RADIATED OUTSIDE OF THE SPECIFIED FREQUENCY BANDS, EXCEPT FOR HARMONICS, SHALL BE ATTENUATED BY AT LEAST 20 dB BELOW THE LEVEL OF THE FUNDAMENTAL OR TO THE GENERAL RADIATED EMISSION LIMITS IN 15.209, WHICHEVER IS THE LESSER ATTENUATION.

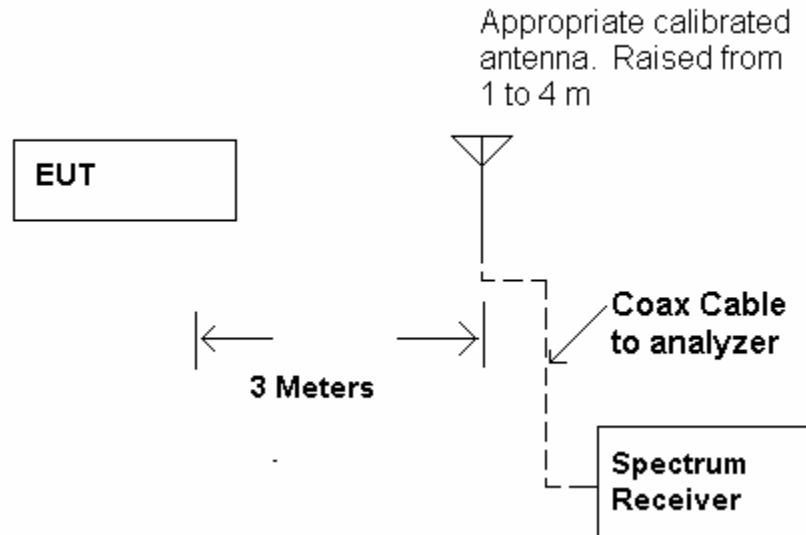
Emissions that fall in the restricted bands (15.205) must be less than 54dBuV/m otherwise the spurious and harmonics must be attenuated by at least 20dBc.

TEST DATA - ANTENNA -INTERNAL ¼ WAVELENGTH OF WIRE

Tuned Frequency MHz	Emission Frequency MHz	Meter Reading dBuV	Ant. Polarity V/H	Coax Loss dB	Correction Factor dB/m	Field Strength dBuV/m	Margin dB
902.2	902.20	66.5	V	4.82	22.92	94.24	33.14
902.2	902.20	69.5	H	4.82	23.34	97.66	29.72
902.2	1,804.40	13.3	H	1.60	30.34	45.24	82.14
902.2	1,804.40	14.4	V	1.60	30.34	46.34	81.04
902.2	2,706.60	7.7	V	1.98	32.68	42.36	11.64
902.2	2,706.60	10.1	H	1.98	32.68	44.76	9.24
902.2	3,608.80	3.7	V	2.28	33.19	39.17	14.83
902.2	3,608.80	4.5	H	2.28	33.19	39.97	14.03
902.2	4,511.00	4.5	V	2.55	33.90	40.95	13.05
902.2	4,511.00	5.2	H	2.55	33.90	41.65	12.35
902.2	5,413.20	3.3	H	2.87	34.50	40.67	13.33
902.2	5,413.20	4.5	V	2.87	34.50	41.87	12.13
902.2	6,315.40	8.4	V	3.16	35.55	47.11	6.89
902.2	6,315.40	9.5	H	3.16	35.55	48.21	5.79
902.2	7,217.60	8.8	H	3.37	35.56	47.73	6.27
902.2	7,217.60	9.6	V	3.37	35.56	48.53	5.47
902.2	8,119.80	8.5	H	3.62	35.72	47.84	6.16
902.2	8,119.80	9.2	V	3.62	35.72	48.54	5.46
902.2	9,022.00	9.0	V	3.80	36.02	48.82	5.18
902.2	9,022.00	9.1	H	3.80	36.02	48.92	5.08
915.0	915.00	67.9	V	4.35	23.20	95.45	31.93
915.0	915.00	70.1	H	4.35	23.65	98.10	29.29
915.0	1,830.00	13.6	V	1.62	30.54	45.76	81.62
915.0	1,830.00	14.0	H	1.62	30.54	46.16	81.23
915.0	2,745.00	8.1	V	2.00	32.70	42.80	11.20
915.0	2,745.00	15.7	H	2.00	32.70	50.40	3.60

Tuned Frequency MHz	Emission Frequency MHz	Meter Reading dBuV	Ant. Polarity V/H	Coax Loss dB	Correction Factor dB/m	Field Strength dBuV/m	Margin dB
915.0	3,660.00	4.3	H	2.30	33.23	39.83	14.17
915.0	3,660.00	4.3	V	2.30	33.23	39.83	14.17
915.0	4,575.00	4.5	V	2.57	33.92	40.99	13.01
915.0	4,575.00	5.3	H	2.57	33.92	41.79	12.21
915.0	5,490.00	4.3	V	2.90	34.59	41.79	12.21
915.0	5,490.00	5.0	H	2.90	34.59	42.49	11.51
915.0	6,405.00	8.5	H	3.18	35.62	47.30	6.70
915.0	6,405.00	10.8	V	3.18	35.62	49.60	4.40
915.0	7,320.00	8.4	H	3.40	35.54	47.34	6.66
915.0	7,320.00	9.4	V	3.40	35.54	48.34	5.66
915.0	8,235.00	9.0	H	3.65	35.75	48.40	5.60
915.0	8,235.00	9.8	V	3.65	35.75	49.20	4.80
915.0	9,150.00	9.8	H	3.82	36.15	49.77	4.24
915.0	9,150.00	9.8	V	3.82	36.15	49.77	4.24
927.7	927.70	67.4	V	3.88	24.40	95.68	31.70
927.7	927.70	70.4	H	3.88	24.49	98.77	28.61
927.7	1,855.40	14.4	H	1.63	30.74	46.77	80.61
927.7	1,855.40	14.8	V	1.63	30.74	47.17	80.21
927.7	2,783.10	6.7	V	2.01	32.71	41.42	12.58
927.7	2,783.10	15.9	H	2.01	32.71	50.62	3.38
927.7	3,710.80	4.4	V	2.31	33.27	39.98	14.02
927.7	3,710.80	4.6	H	2.31	33.27	40.18	13.82
927.7	4,638.50	5.3	V	2.59	33.93	41.82	12.18
927.7	4,638.50	5.5	H	2.59	33.93	42.02	11.98
927.7	5,566.20	3.3	V	2.93	34.69	40.92	13.08
927.7	5,566.20	3.8	H	2.93	34.69	41.42	12.58
927.7	6,493.90	9.1	V	3.20	35.70	48.00	6.00
927.7	6,493.90	9.7	H	3.20	35.70	48.60	5.40
927.7	7,421.60	9.0	H	3.43	35.52	47.95	6.05
927.7	7,421.60	9.2	V	3.43	35.52	48.15	5.85
927.7	8,349.30	9.1	V	3.67	35.77	48.54	5.46
927.7	8,349.30	9.3	H	3.67	35.77	48.74	5.26
927.7	9,277.00	8.7	H	3.83	36.28	48.81	5.19
927.7	9,277.00	9.0	V	3.83	36.28	49.11	4.89

Method of Measuring Radiated Spurious Emissions



Equipment placed 80cm above ground on a rotatable platform.

METHOD OF MEASUREMENT: The procedure used was ANSI C63.4-2003 & the FCC/OET Guidance on Measurements for Frequency Hopping Spread Spectrum Systems. Measurements were made at the open area test site of TIMCO ENGINEERING INC. located at 849 N.W. State Road 45, Newberry, FL 32669.

RADIATED SPURIOUS EMISSIONS INTO ADJACENT RESTRICTED BAND

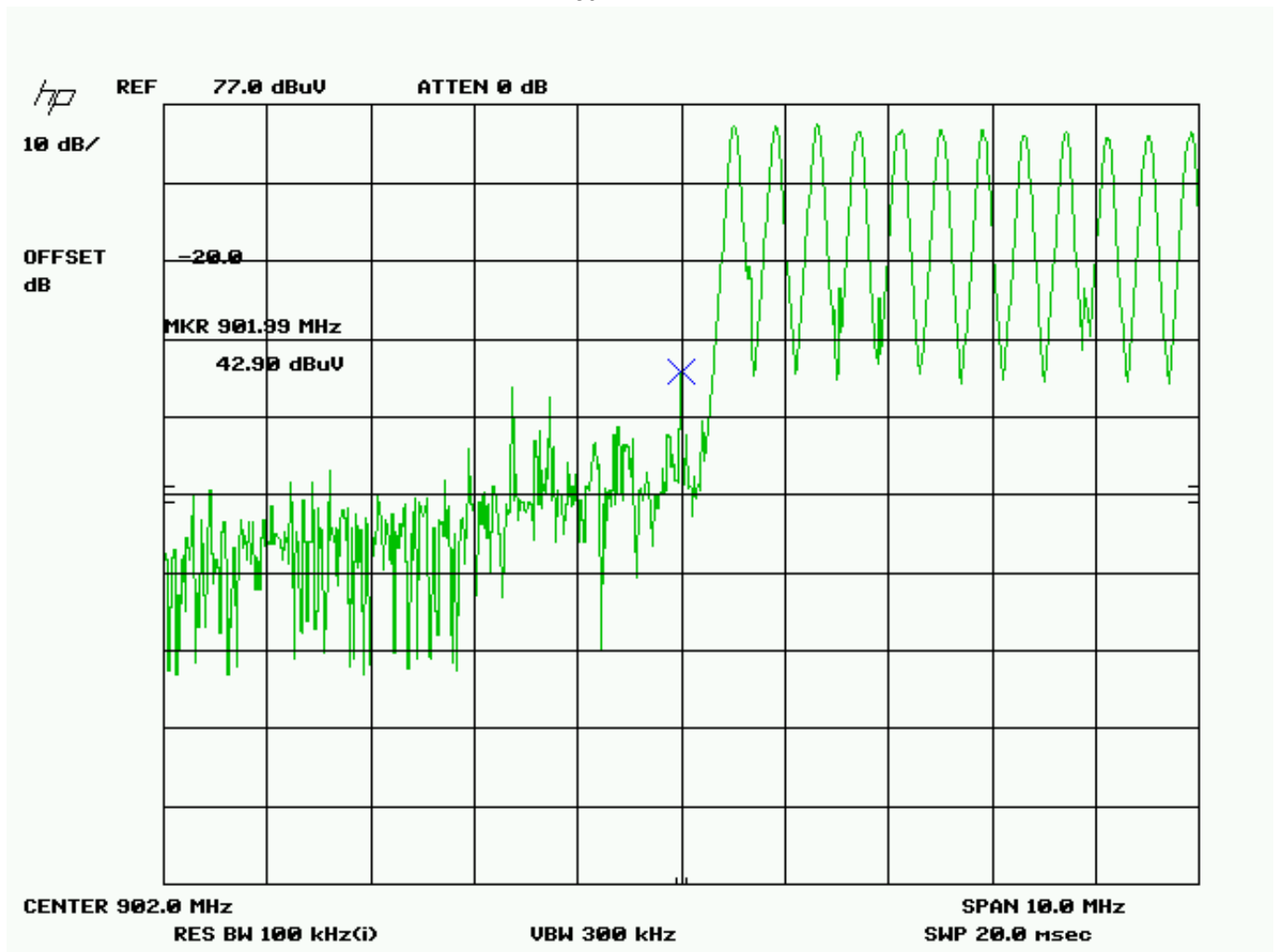
RULE PART NO.: 15.205

REQUIREMENTS: Emissions that fall in the restricted bands (15.205). These emissions must be less than or equal to 500 uV/m (54 dBuV/m). In this case there is no adjacent restricted bands and compliance was demonstrated to 20 dBc.

TEST PROCEDURE: An in band field strength measurement of the fundamental emission using the RBW and detector function required by C63.4-2003 and FCC Rules was made.

Lower Bandedge

Peak



Upper bandedge and restricted band (peak value)

Peak

