FCC PART 15, SUBPART B and C
TEST REPORT

for

WIRELESS REMOTE CONTROL

M/N: RC2

Prepared for

WILDLIFE TECHNOLOGIES
115 WOLCOTT STREET
MANCHESTER, NEW HAMPSHIRE 03103

Prepared by:_____

BENIGNO CHAVEZ

Approved by:_____

KYLE FUJIMOTO

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114 OLINDA DRIVE
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DATE: APRIL 11, 2006

	REPORT BODY	APPENDICES					TOTAL
		A	***B***	***C***	***D***	***E***	
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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:	Wireless Remote Control M/N: RC2 S/N: N/A
Product Description:	See Expository Statement.
Modifications:	The EUT was modified in order to meet the specifications. Please see list located in Appendix B.
Manufacturer:	Wildlife Technologies 115 Wolcott Street Manchester, New Hampshire 03103
Test Date:	March 7, 2006
Test Specifications:	EMI requirements CFR Title 47, Part 15 Subpart B; and Subpart C, Sections 15.205, 15.209, and 15.231
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 operates on battery power only and cannot be plugged into the AC public mains.
2	Radiated RF Emissions, 10 kHz - 4180 MHz	Complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B; and Subpart C, sections 15.205, 15.209, and 15.231.
3	-20 dB Bandwidth of the Fundamental	Complies with the limits of Subpart C, sections 15.231 [c].

1. PURPOSE

This document is a qualification test report based on the Electromagnetic Interference (EMI) tests performed on the Wireless Remote Control M/N: RC2. 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; and Subpart C, sections 15.205, 15.209, and 15.231.

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

Wildlife Technologies

William Martz Owner

Compatible Electronics, Inc.

Benigno Chavez	Test Engineer
James Ross	Test Engineer
Kyle Fujimoto	Test Engineer

2.4 Date Test Sample was Received

The test sample was received prior to its qualification testing on March 7, 2006.

2.5 Disposition of the Test Sample

The test sample was returned to Wildlife Technologies prior to the date of this test report.

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
LED	Light Emitting Diode
LCD	Liquid Crystal Display
PCB	Printed Circuit Board
TX	Transmit
RX	Receive
FCC	Federal Communications Commission (USA)

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	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 Wireless Remote Control M/N: RC2 (EUT) is a stand-alone device. The EUT was tested while it was continuously transmitting. The EUT was tested in three orthogonal axis. The EUT has an antenna that is screwed onto its RF output on the PCB.

The final radiated data as well as the conducted data was taken in the mode described above. Please see Appendix E for the data sheets.

4.1.1 Cable Construction and Termination

There were no external cables connected to the EUT.

5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT

5.1 EUT and Accessory List

EQUIPMENT	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	FCC ID
WIRELESS REMOTE CONTROL (EUT)	WILDLIFE TECHNOLOGIES	RC2	N/A	NW6KAS-2030

5.2 EMI Test Equipment

EQUIPMENT TYPE	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	CAL. DATE	CAL. DUE DATE
Radiate Emissions Data Capture Program	Compatible Electronics	2.0	N/A	N/A	N/A
Spectrum Analyzer – Main Section	Hewlett Packard	8566B	3638A08784	June 10, 2005	June 10, 2006
Spectrum Analyzer – Display Section	Hewlett Packard	85662A	3701A22279	June 10, 2005	June 10, 2006
Quasi-Peak Adapter	Hewlett Packard	85650A	2430A00424	June 11, 2005	June 11, 2006
Preamplifier	Com Power	PA-103	1582	January 19, 2006	January 19, 2007
Microwave Preamplifier	Com-Power	PA-122	25195	January 20, 2006	January 20, 2007
Loop Antenna	Com-Power	AL-130	17089	September 23, 2005	September 23, 2006
Biconical Antenna	Com Power	AB-900	15250	March 11, 2005	March 11, 2006
Log Periodic Antenna	Com Power	AL-100	16247	August 22, 2005	August 22, 2006
Horn Antenna	Com-Power	AH-118	10067	July 27, 2004	July 27, 2006
Computer	Hewlett Packard	D5251A 888	US74458128	N/A	N/A
Monitor	Hewlett Packard	D5258A	DK74889705	N/A	N/A
Turntable	Com-Power	TT-100	N/A	N/A	N/A
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 is battery powered and 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 Conducted Emissions Test

The spectrum analyzer was used as a measuring meter. The data was collected with the spectrum analyzer in the peak detect mode with the "Max Hold" feature activated. The quasi-peak was used only where indicated in the data sheets. A transient limiter was used for the protection of the spectrum analyzer input stage, and the offset was adjusted accordingly to read the actual data measured. The LISN output was measured using the spectrum analyzer. The output of the second LISN was terminated by a 50 ohm termination. The effective measurement bandwidth used for this test was 9 kHz.

Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The EUT was powered through the LISN, which was bonded to the ground plane. The LISN power was filtered and the filter was bonded to the ground plane. The EUT was set up with the minimum distances from any conductive surfaces as specified in ANSI C63.4. The excess power cord was wrapped in a figure eight pattern to form a bundle not exceeding 0.4 meters in length.

The conducted emissions from the EUT were maximized for operating mode as well as cable placement. The final data was collected under program control by the Compatible Electronics conducted emissions software in several overlapping sweeps by running the spectrum analyzer at a minimum scan rate of 10 seconds per octave. The final qualification data is located in Appendix E.

Test Results:

This test was not performed because the EUT operates on battery power only and cannot be plugged into the AC public mains.

7.1.2 Radiated Emissions (Spurious and Harmonics) Test

The spectrum analyzer and EMI Receiver were 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-103 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 spectrum analyzer was used in the peak detect mode with the "Max Hold" feature activated. In this mode, the spectrum analyzer and EMI Receiver record the highest measured reading over all the sweeps.

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

FREQUENCY RANGE	EFFECTIVE MEASUREMENT BANDWIDTH	TRANSDUCER
10 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 4.18 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.

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 final test data. The final qualification data sheets are located in Appendix E.

Test Results:

The EUT complies with the limits of CFR Title 47, Part 15, Subpart B; and Subpart C, section 15.205, 15.209 and 15.231 for radiated emissions.

7.2 Bandwidth of the Fundamental

The -20 dB bandwidth was checked to see that it was within 0.25% of the fundamental frequency for the EUT. Data sheets of the -20 dB bandwidth are located in Appendix E.

Test Results:

The EUT complies with the limits of CFR Title 47, Part 15, Subpart C, section 15.231 [c].

8. CONCLUSIONS

The Wireless Remote Control M/N: RC2 meets all of the Class B specification limits defined in CFR Title 47, Part 15, Subpart B; and Subpart C, sections 15.205, 15.209, and 15.231.

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 15.231 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.

Modification:

1. R4 was changed to a 2.2 k Ohm resistor

APPENDIX C

ADDITIONAL MODELS COVERED UNDER THIS REPORT

ADDITIONAL MODELS COVERED UNDER THIS REPORT

USED FOR THE PRIMARY TEST

Wireless Remote Control
M/N: RC2
S/N: N/A

There were no additional models covered under this report.

APPENDIX D

DIAGRAMS, CHARTS, AND PHOTOS

FIGURE 1: CONDUCTED EMISSIONS TEST SETUP

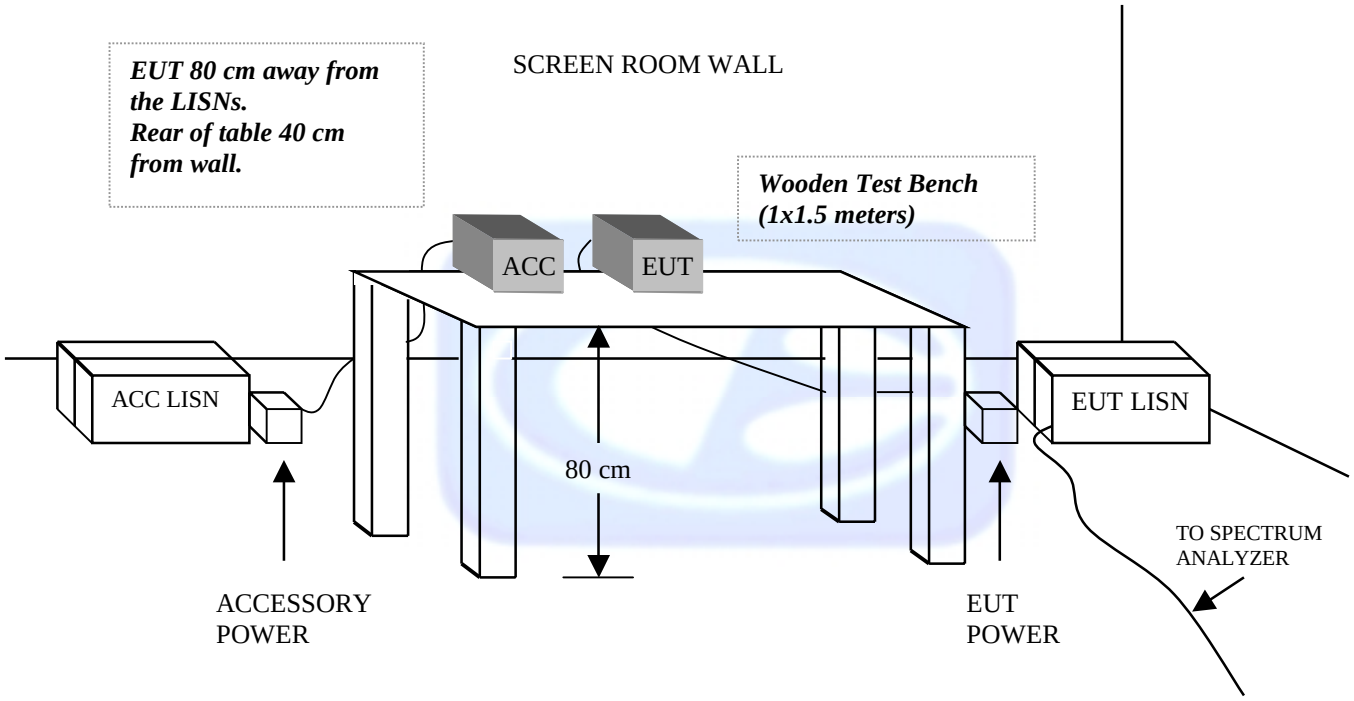
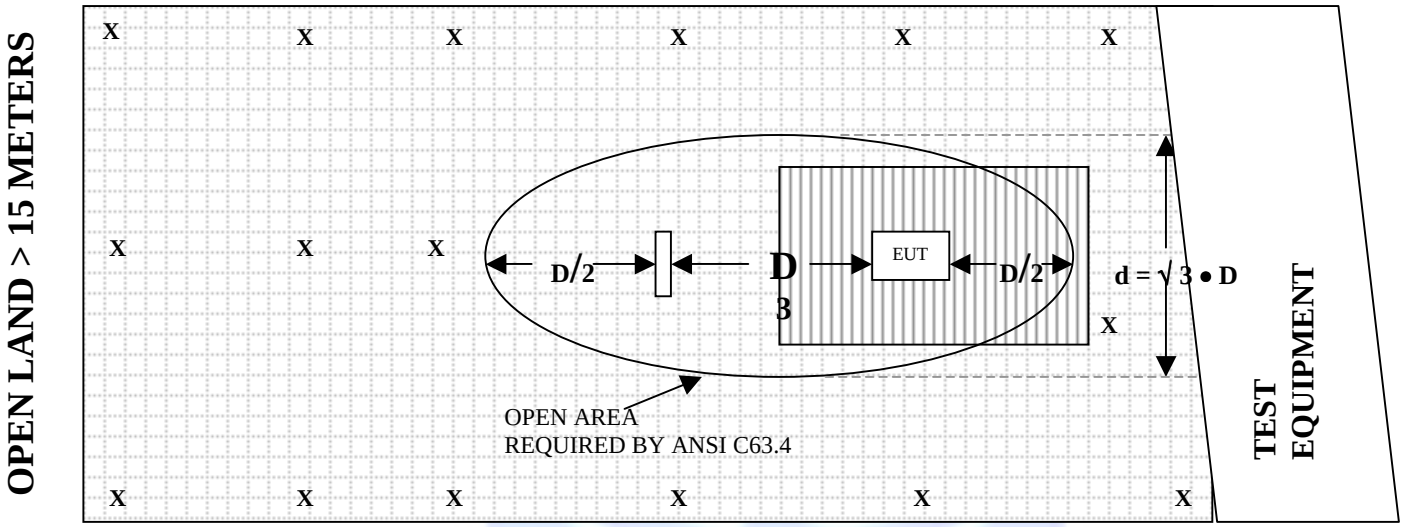


FIGURE 2: PLOT MAP AND LAYOUT OF RADIATED TEST SITE

OPEN LAND > 15 METERS



OPEN LAND > 15 METERS

X = GROUND RODS	= GROUND SCREEN
D = TEST DISTANCE (meters)	= WOOD COVER

COM-POWER AL-130

LOOP ANTENNA

S/N: 17089

CALIBRATION DATE: SEPTEMBER 27, 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	-41.8	9.7
1	-41.46	10.04
2	-41.14	10.36
3	-41.26	10.24
4	-41.46	10.04
5	-41.1	10.4
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

COM-POWER AB-900

BICONICAL ANTENNA

S/N: 15250

CALIBRATION DATE: MARCH 11, 2005

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	10.90	120	13.10
35	10.90	125	12.40
40	10.90	140	11.90
45	10.30	150	11.80
50	11.40	160	13.30
60	10.40	175	15.40
70	7.40	180	14.60
80	6.20	200	15.70
90	8.20	250	16.50
100	10.10	300	19.20

COM-POWER AL-100

LOG PERIODIC ANTENNA

S/N: 16247

CALIBRATION DATE: AUGUST 22, 2005

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
300	12.70	700	19.72
400	13.19	800	20.59
500	14.99	900	21.10
600	15.95	1000	24.35

COM-POWER AH-118

HORN ANTENNA

S/N: 10067

CALIBRATION DATE: JULY 27, 2004

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	25.0	10.0	37.8
1.5	27.9	10.5	39.4
2.0	31.5	11.0	39.4
2.5	31.1	11.5	40.6
3.0	30.6	12.0	40.8
3.5	30.5	12.5	40.5
4.0	30.6	13.0	41.2
4.5	31.4	13.5	42.0
5.0	33.7	14.0	43.1
5.5	33.8	14.5	43.4
6.0	34.7	15.0	39.2
6.5	34.7	15.5	38.8
7.0	35.9	16.0	40.1
7.5	38.1	16.5	40.2
8.0	38.2	17.0	43.4
8.5	37.7	17.5	46.6
9.0	37.7	18.0	45.8
9.5	38.4		

COM-POWER PA-103

PREAMPLIFIER

S/N: 1582

CALIBRATION DATE: JANUARY 19, 2006

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	32.7	300	32.4
40	32.6	350	32.4
50	32.6	400	32.1
60	32.8	450	32.1
70	32.7	500	31.8
80	32.7	550	31.8
90	32.7	600	32.0
100	32.6	650	31.9
125	32.6	700	31.5
150	32.5	750	31.7
175	32.4	800	31.4
200	32.5	850	31.6
225	32.5	900	30.8
250	32.3	950	31.1
275	32.4	1000	30.9

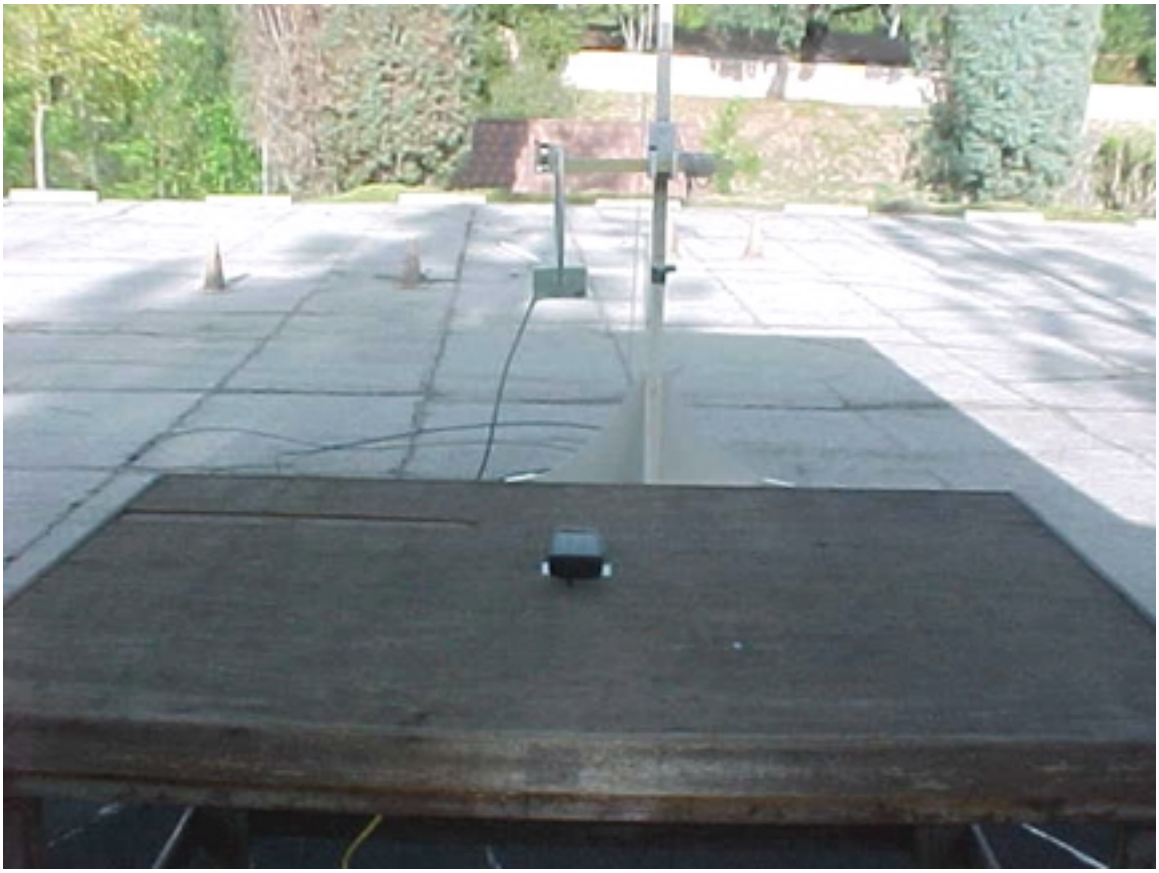
COM-POWER PA-122

MICROWAVE PREAMPLIFIER

S/N: 25195

CALIBRATION DATE: JANUARY 20, 2006

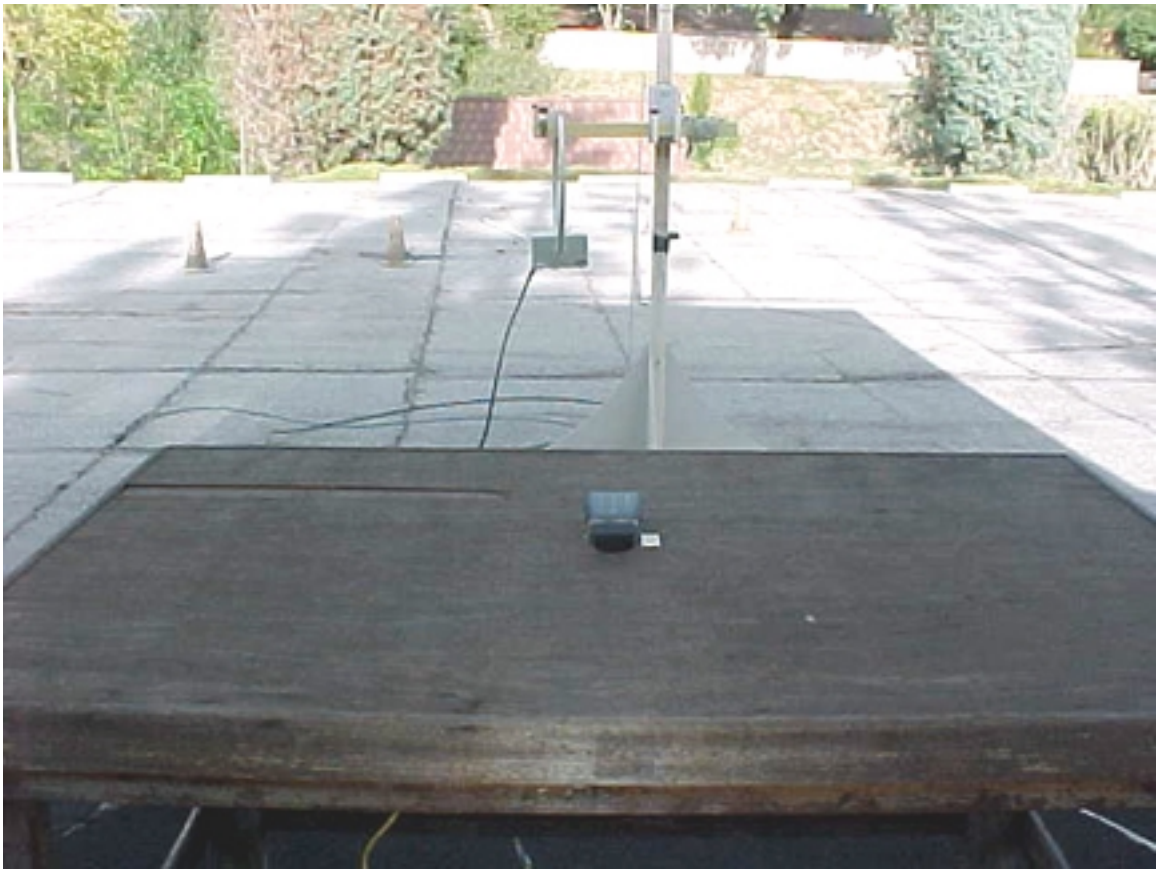
FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	29.051	10.0	28.240
1.5	29.018	10.5	28.001
2.0	29.111	11.0	27.308
2.5	29.628	11.5	27.467
3.0	30.357	12.0	27.974
3.5	30.737	12.5	28.570
4.0	30.853	13.0	28.984
4.5	30.814	13.5	28.628
5.0	30.378	14.0	28.562
5.5	29.928	14.5	29.101
6.0	29.765	15.0	29.729
6.5	29.216	15.5	30.518
7.0	28.672	16.0	30.290
7.5	28.099	16.5	29.301
8.0	27.583	17.0	28.017
8.5	26.771	17.5	27.001
9.0	26.870	18.0	26.341



FRONT VIEW

WILDLIFE TECHNOLOGIES
WIRELESS REMOTE CONTROL
M/N: RC2
FCC SUBPART B AND C – RADIATED EMISSIONS

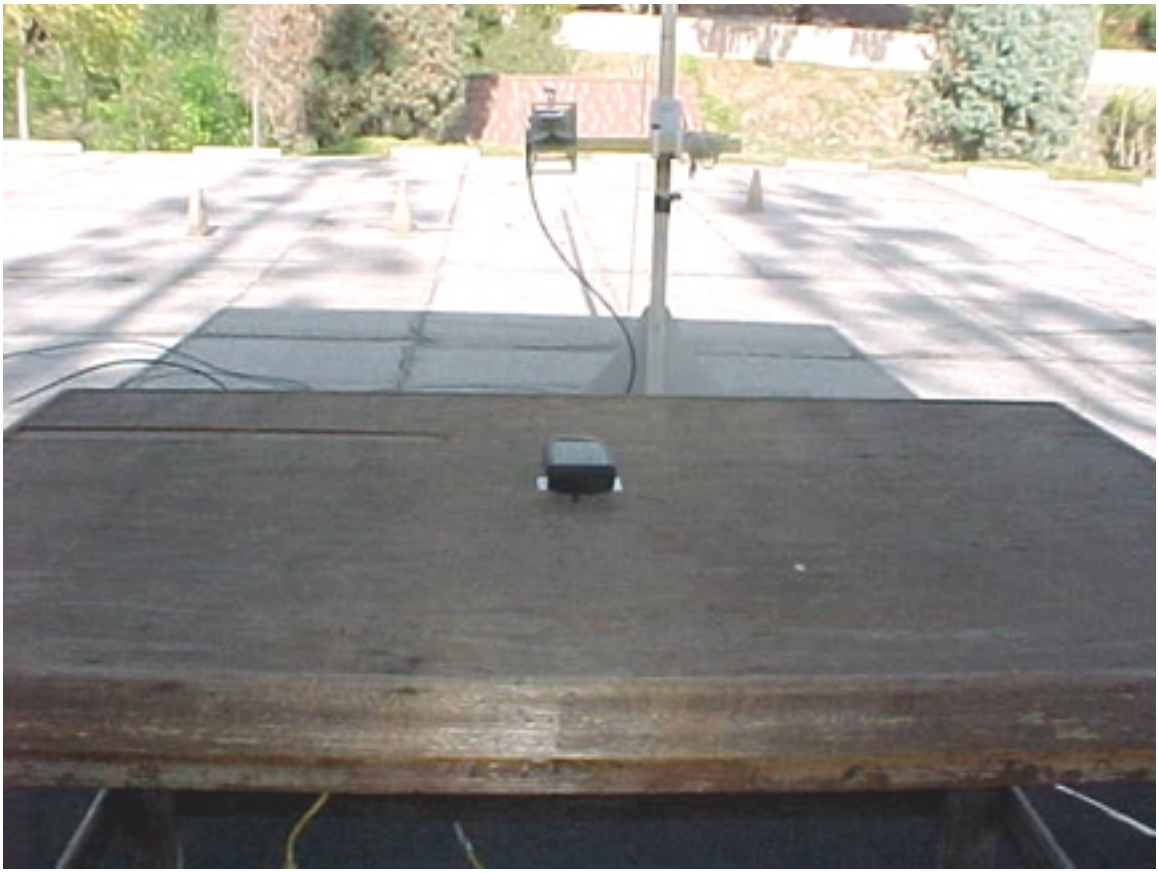
PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS



REAR VIEW

WILDLIFE TECHNOLOGIES
WIRELESS REMOTE CONTROL
M/N: RC2
FCC SUBPART B AND C – RADIATED EMISSIONS

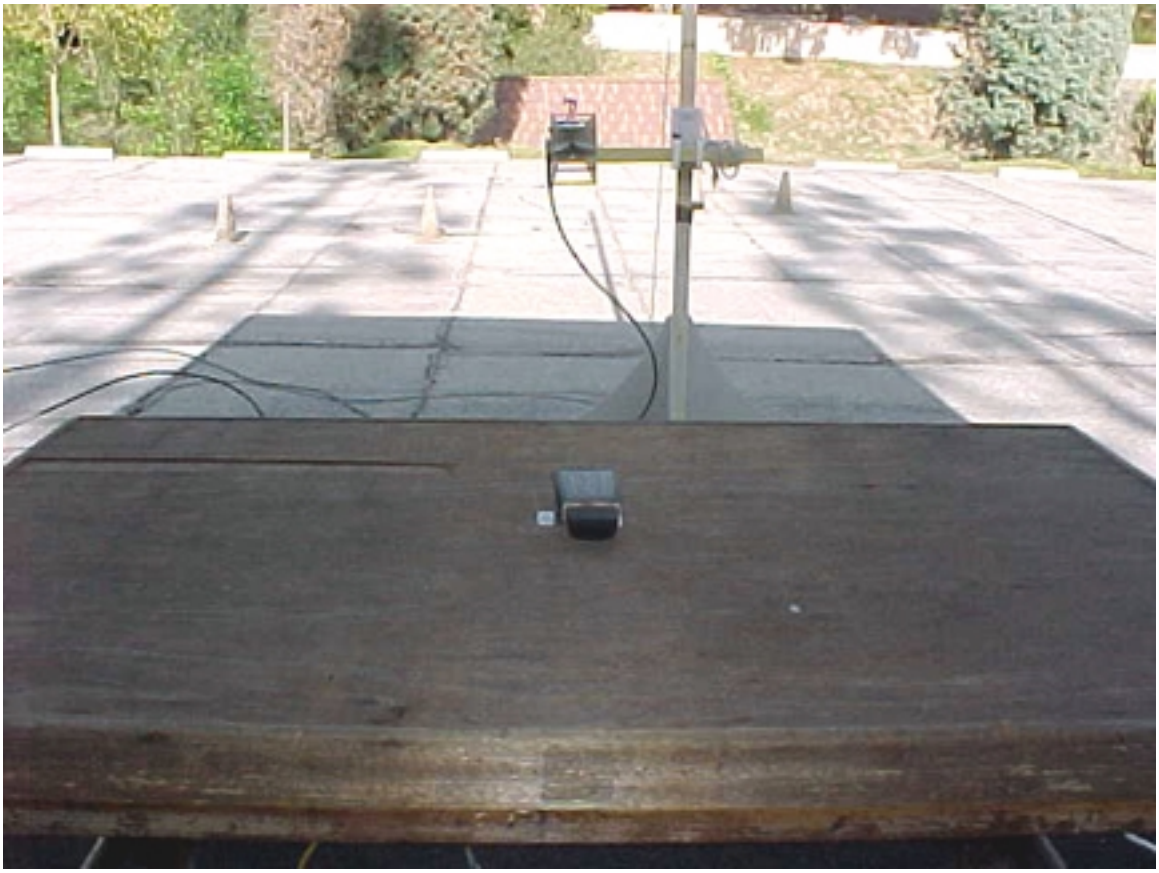
PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS



FRONT VIEW

WILDLIFE TECHNOLOGIES
WIRELESS REMOTE CONTROL
M/N: RC2
FCC SUBPART B AND C – RADIATED EMISSIONS

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS



REAR VIEW

WILDLIFE TECHNOLOGIES
WIRELESS REMOTE CONTROL
M/N: RC2
FCC SUBPART B AND C – RADIATED EMISSIONS

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

APPENDIX E

DATA SHEETS

RADIATED EMISSIONS

DATA SHEETS

```
Test Location  : Compatible Electronics                    Page : 1/1
Customer       : Wildlife Technologies                     Date :  3/07/2006
Manufacturer   : Wildlife Technologies                     Time : 15:33:56
Eut name       : Wireless Remote Control                    Lab : A
Model          : RC2                          Test Distance : 3.0
Serial #       : N/A
Specification  : FCC B
Distance correction factor (20 * log(test/spec)             :  0.00
Test Mode      : Test Type:            Spurious Emissions (Transmitter)
                 Test Frequency Range: 10 kHz to 4.18 GHz (Vertical & Horizontal)
                 Transmit Frequency:   418 MHz
                 Test Engineer:        James Ross
```

Pol	Freq	Rdng	Cable loss	Ant factor	Amp gain	Cor'd rdg = R	Limit = L	Delta R-L
	MHz	dBuV	dB	dB	dB	dBuV	dBuV/m	dB

No actual EUT spurious emissions were discovered between the above noted test frequency range.

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.231)

COMPANY	Wildlife Technologies	DATE	3/7/06
EUT	Wireless Remote Control	DUTY CYCLE	44.79 %
MODEL	RC2	PEAK TO AVG	-6.97637875 dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	James Ross	LAB	A

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
418.0000	57.9	50.9 A	V	1.2	180	X	N/A	13.5	5.5	0.0	0.0	0.0	69.9	-10.3	80.2	
418.0000	67.1	60.1 A	V	1.0	0	Y	N/A	13.5	5.5	0.0	0.0	0.0	79.1	-1.1	80.2	
418.0000	57.3	50.3 A	V	1.0	170	Z	N/A	13.5	5.5	0.0	0.0	0.0	69.3	-10.9	80.2	
418.0000	66.7	59.7 A	H	1.0	90	X	N/A	13.5	5.5	0.0	0.0	0.0	78.7	-1.5	80.2	
418.0000	59.1	52.1 A	H	1.9	280	Y	N/A	13.5	5.5	0.0	0.0	0.0	71.1	-9.1	80.2	
418.0000	67.2	60.2 A	H	1.0	90	Z	N/A	13.5	5.5	0.0	0.0	0.0	79.2	-1.0	80.2	
					Modification: R4 changed to 2.2k Ohm Resistor											

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
** DELTA = SPEC LIMIT - CORRECTED READING

114 OLINDA DRIVE, BREA, CALIFORNIA 92823 PHONE: (714) 579-0500 FAX: (714) 579-1850

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.231)

COMPANY	Wildlife Technologies	DATE	3/7/06
EUT	Wireless Remote Control	DUTY CYCLE	44.79 %
MODEL	RC2	PEAK TO AVG	-6.97637875 dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	James Ross	LAB	A

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
836.0000		-7.0 A	V			X	N/A	20.8	6.6	32.1	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
836.0000	51.9	44.9 A	V	1.0	25	Y	N/A	20.8	6.6	32.1	0.0	0.0	40.2	-20.0	60.2	
836.0000	44.3	37.3 A	V	1.6	180	Z	N/A	20.8	6.6	32.1	0.0	0.0	32.6	-27.6	60.2	
836.0000	52.3	45.3 A	H	1.0	85	X	N/A	20.8	6.6	32.1	0.0	0.0	40.6	-19.6	60.2	
836.0000		-7.0 A	H			Y	N/A	20.8	6.6	32.1	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
836.0000	53.1	46.1 A	H	1.0	90	Z	N/A	20.8	6.6	32.1	0.0	0.0	41.4	-18.8	60.2	

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
** DELTA = SPEC LIMIT - CORRECTED READING

114 OLINDA DRIVE, BREA, CALIFORNIA 92823 PHONE: (714) 579-0500 FAX: (714) 579-1850

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.231)

COMPANY	Wildlife Technologies	DATE	3/7/06
EUT	Wireless Remote Control	DUTY CYCLE	44.79 %
MODEL	RC2	PEAK TO AVG	-6.97637875 dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	James Ross	LAB	A

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
1254.0000		-7.0 A	V			X	N/A	26.8	2.7	29.4	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
1254.0000		-7.0 A	V			Y	N/A	26.8	2.7	29.4	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
1254.0000		-7.0 A	V			Z	N/A	26.8	2.7	29.4	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
1254.0000		-7.0 A	H			X	N/A	26.8	2.7	29.4	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
1254.0000		-7.0 A	H			Y	N/A	26.8	2.7	29.4	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
1254.0000		-7.0 A	H			Z	N/A	26.8	2.7	29.4	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected

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** DELTA = SPEC LIMIT - CORRECTED READING

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RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.231)

COMPANY	Wildlife Technologies	DATE	3/7/06
EUT	Wireless Remote Control	DUTY CYCLE	44.79 %
MODEL	RC2	PEAK TO AVG	-6.97637875 dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	James Ross	LAB	A

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
1672.0000	44.8	37.8 A	V	1.2	180	X	N/A	29.4	3.7	30.8	0.0	0.0	40.1	-13.9	54.0	
1672.0000	46.8	39.8 A	V	1.2	355	Y	N/A	29.4	3.7	30.8	0.0	0.0	42.1	-11.9	54.0	
1672.0000	44.9	37.9 A	V	1.2	50	Z	N/A	29.4	3.7	30.8	0.0	0.0	40.2	-13.8	54.0	
1672.0000	45.0	38.0 A	H	1.0	125	X	N/A	29.4	3.7	30.8	0.0	0.0	40.3	-13.7	54.0	
1672.0000	45.2	38.2 A	H	1.1	95	Y	N/A	29.4	3.7	30.8	0.0	0.0	40.5	-13.5	54.0	
1672.0000	44.6	37.6 A	H	1.1	90	Z	N/A	29.4	3.7	30.8	0.0	0.0	39.9	-14.1	54.0	

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RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.231)

COMPANY	Wildlife Technologies	DATE	3/7/06
EUT	Wireless Remote Control	DUTY CYCLE	44.79 %
MODEL	RC2	PEAK TO AVG	-6.97637875 dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	James Ross	LAB	A

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
2090.0000	45.2	38.2 A	V	1.2	45	X	N/A	31.4	4.2	29.7	0.0	0.0	44.2	-16.0	60.2	
2090.0000	47.1	40.1 A	V	1.5	350	Y	N/A	31.4	4.2	29.7	0.0	0.0	46.1	-14.1	60.2	
2090.0000		-7.0 A	V			Z	N/A	31.4	4.2	29.7	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
2090.0000	45.6	38.6 A	H	1.2	45	X	N/A	31.4	4.2	29.7	0.0	0.0	44.6	-15.6	60.2	
2090.0000	45.9	38.9 A	H	1.1	40	Y	N/A	31.4	4.2	29.7	0.0	0.0	44.9	-15.3	60.2	
2090.0000		-7.0 A	H			Z	N/A	31.4	4.2	29.7	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected

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RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.231)

COMPANY	Wildlife Technologies	DATE	3/7/06
EUT	Wireless Remote Control	DUTY CYCLE	44.79 %
MODEL	RC2	PEAK TO AVG	-6.97637875 dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	James Ross	LAB	A

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
2508.0000		-7.0 A	V			X	N/A	31.2	4.6	29.2	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
2508.0000		-7.0 A	V			Y	N/A	31.2	4.6	29.2	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
2508.0000		-7.0 A	V			Z	N/A	31.2	4.6	29.2	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
2508.0000		-7.0 A	H			X	N/A	31.2	4.6	29.2	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
2508.0000	44.1	37.1 A	H	1.1	15	Y	N/A	31.2	4.6	29.2	0.0	0.0	43.7	-16.5	60.2	
2508.0000		-7.0 A	H			Z	N/A	31.2	4.6	29.2	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected

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RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.231)

COMPANY	Wildlife Technologies	DATE	3/7/06
EUT	Wireless Remote Control	DUTY CYCLE	44.79 %
MODEL	RC2	PEAK TO AVG	-6.97637875 dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	James Ross	LAB	A

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
2926.0000		-7.0 A	V			X	N/A	30.5	5.0	28.8	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
2926.0000		-7.0 A	V			Y	N/A	30.5	5.0	28.8	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
2926.0000		-7.0 A	V			Z	N/A	30.5	5.0	28.8	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
2926.0000		-7.0 A	H			X	N/A	30.5	5.0	28.8	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
2926.0000	45.6	38.6 A	H	1.6	350	Y	N/A	30.5	5.0	28.8	0.0	0.0	45.4	-14.8	60.2	
2926.0000		-7.0 A	H			Z	N/A	30.5	5.0	28.8	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected

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COMPANY	Wildlife Technologies	DATE	3/7/06
EUT	Wireless Remote Control	DUTY CYCLE	44.79 %
MODEL	RC2	PEAK TO AVG	-6.97637875 dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	James Ross	LAB	A

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
3344.0000	45.5	38.5 A	V	1.2	90	X	N/A	30.5	6.1	28.3	0.0	0.0	46.8	-13.4	60.2	
3344.0000	43.3	36.3 A	V	1.1	80	Y	N/A	30.5	6.1	28.3	0.0	0.0	44.6	-15.6	60.2	
3344.0000	45.0	38.0 A	V	2.0	265	Z	N/A	30.5	6.1	28.3	0.0	0.0	46.3	-13.9	60.2	
3344.0000		-7.0 A	H			X	N/A	30.5	6.1	28.3	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected
3344.0000	45.9	38.9 A	H	1.5	335	Y	N/A	30.5	6.1	28.3	0.0	0.0	47.2	-13.0	60.2	
3344.0000		-7.0 A	H			Z	N/A	30.5	6.1	28.3	0.0	0.0	N/A	N/A	60.2	No Harmonic Detected

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EUT	Wireless Remote Control	DUTY CYCLE	44.79 %
MODEL	RC2	PEAK TO AVG	-6.97637875 dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	James Ross	LAB	A

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
3762.0000		-7.0 A	V			X	N/A	30.7	5.7	31.7	0.0	0.0	N/A	N/A	54.0	No Harmonic Detected
3762.0000		-7.0 A	V			Y	N/A	30.7	5.7	31.7	0.0	0.0	N/A	N/A	54.0	No Harmonic Detected
3762.0000		-7.0 A	V			Z	N/A	30.7	5.7	31.7	0.0	0.0	N/A	N/A	54.0	No Harmonic Detected
3762.0000		-7.0 A	H			X	N/A	30.7	5.7	31.7	0.0	0.0	N/A	N/A	54.0	No Harmonic Detected
3762.0000	45.4	38.4 A	H	1.3	125	Y	N/A	30.7	5.7	31.7	0.0	0.0	43.2	-10.8	54.0	
3762.0000		-7.0 A	H			Z	N/A	30.7	5.7	31.7	0.0	0.0	N/A	N/A	54.0	No Harmonic Detected

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COMPANY	Wildlife Technologies	DATE	3/7/06
EUT	Wireless Remote Control	DUTY CYCLE	44.79 %
MODEL	RC2	PEAK TO AVG	-6.97637875 dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	James Ross	LAB	A

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
4180.0000		-7.0 A	V			X	N/A	31.3	6.6	35.0	0.0	0.0	N/A	N/A	54.0	No Harmonic Detected
4180.0000		-7.0 A	V			Y	N/A	31.3	6.6	35.0	0.0	0.0	N/A	N/A	54.0	No Harmonic Detected
4180.0000		-7.0 A	V			Z	N/A	31.3	6.6	35.0	0.0	0.0	N/A	N/A	54.0	No Harmonic Detected
4180.0000		-7.0 A	H			X	N/A	31.3	6.6	35.0	0.0	0.0	N/A	N/A	54.0	No Harmonic Detected
4180.0000		-7.0 A	H			Y	N/A	31.3	6.6	35.0	0.0	0.0	N/A	N/A	54.0	No Harmonic Detected
4180.0000		-7.0 A	H			Z	N/A	31.3	6.6	35.0	0.0	0.0	N/A	N/A	54.0	No Harmonic Detected

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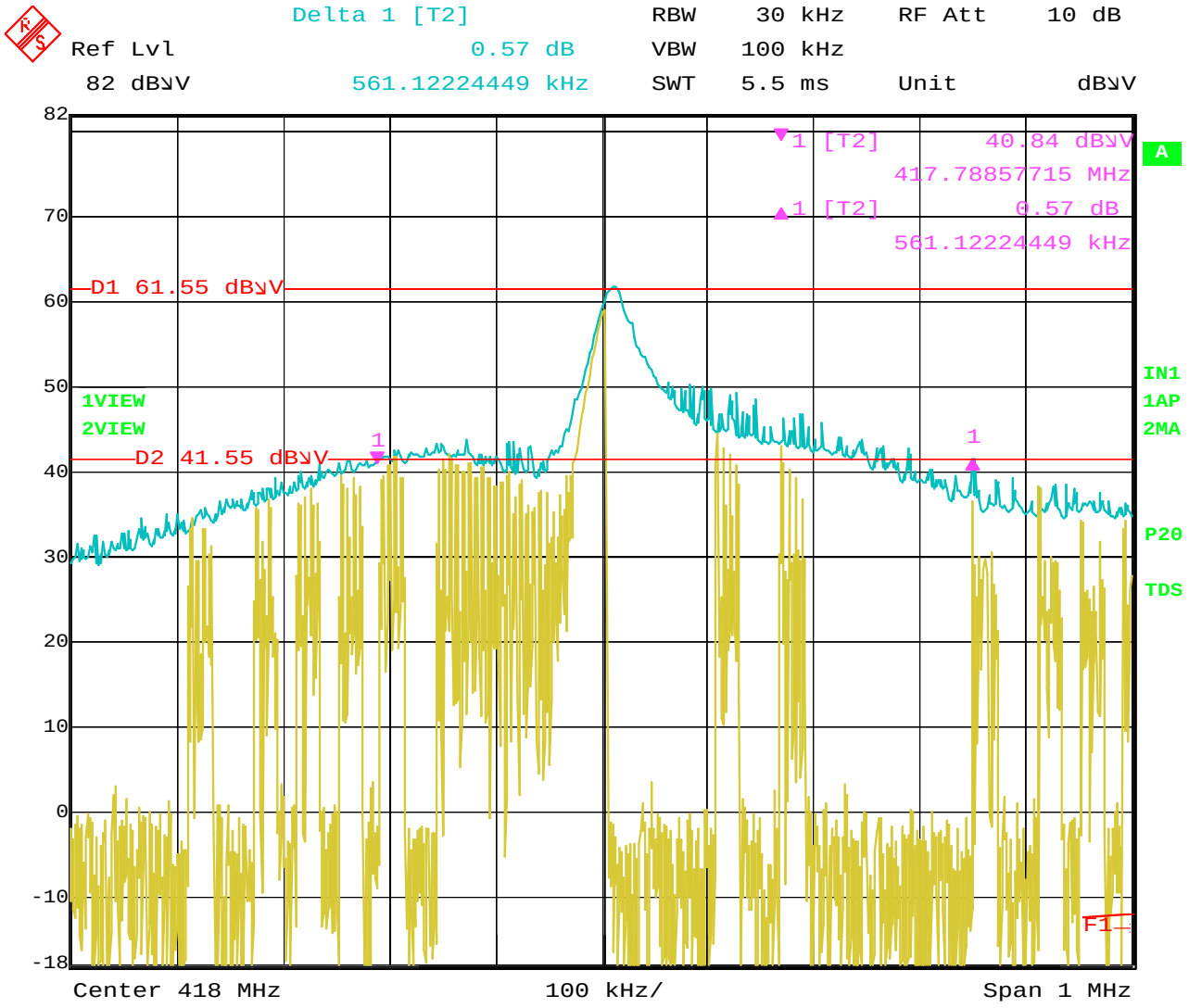
-20 dB BANDWIDTH

DATA SHEETS


Delta 1 [T2]
RBW 30 kHz
RF Att 10 dB
Ref Lvl
0.57 dB
VBW 100 kHz
82 dBµV
561.12224449 kHz
SWT 5.5 ms
Unit dBµV
1 [T2] 40.84 dBµV
417.78857715 MHz
1 [T2] 0.57 dB
561.12224449 kHz
D1 61.55 dBµV
D2 41.55 dBµV
1VIEW
2VIEW
A
IN1
1AP
2MA
P20
TDS
F1
82
70
60
50
40
30
20
10
0
-10
-18
Center 418 MHz
100 kHz/
Span 1 MHz
Date: 10.MAR.2006 11:27:02