

*FCC PART 15, SUBPART B and C
TEST REPORT**for***TRANSMITTER****MODEL: KAS-2030M**

Prepared for

**WILDLIFE TECHNOLOGIES
115 WOLCOTT STREET
MANCHESTER, NEW HAMPSHIRE 03103**Prepared by: **KYLE FUJIMOTO**Approved by: **MICHAEL CHRISTENSEN****COMPATIBLE ELECTRONICS INC.
114 OLINDA DRIVE
BREA, CALIFORNIA 92823
(714) 579-0500**

DATE: DECEMBER 4, 2008

	REPORT BODY	APPENDICES					TOTAL
		<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	
PAGES	16	2	2	2	12	26	59

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TABLE OF CONTENTS

Section / Title	PAGE
GENERAL REPORT SUMMARY	4
SUMMARY OF TEST RESULTS	4
1. PURPOSE	5
2. ADMINISTRATIVE DATA	6
2.1 Location of Testing	6
2.2 Traceability Statement	6
2.3 Cognizant Personnel	6
2.4 Date Test Sample was Received	6
2.5 Disposition of the Test Sample	6
2.6 Abbreviations and Acronyms	6
3. APPLICABLE DOCUMENTS	7
4. DESCRIPTION OF TEST CONFIGURATION	8
4.1 Description Of Test Configuration - EMI	8
4.1.1 Cable Construction and Termination	9
5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT	10
5.1 EUT and Accessory List	10
5.2 EMI Test Equipment	11
6. TEST SITE DESCRIPTION	12
6.1 Test Facility Description	12
6.2 EUT Mounting, Bonding and Grounding	12
7. TEST PROCEDURES	13
7.1 RF Emissions	13
7.1.1 Radiated Emissions (Spurious and Harmonics) Test	13
7.1.2 Radiated Emissions (Spurious and Harmonics) Test (Continued)	14
7.2 Bandwidth of the Fundamental	15
8. CONCLUSIONS	16

LIST OF APPENDICES

APPENDIX	TITLE
A	Laboratory Recognitions
B	Modifications to the EUT
C	Additional Models Covered Under This Report
D	Diagrams, Charts, and Photos • Test Setup Diagrams • Radiated Emissions Photos • Antenna and Effective Gain Factors
E	Data Sheets

LIST OF FIGURES

FIGURE	TITLE
1	Plot Map And Layout of Radiated Test Site – 3 Meters

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: Transmitter
Model: KAS-2030M
S/N: N/A

Product Description: See Expository Statement

Modifications: The EUT was modified in order to meet the specifications. Please see Appendix B of this test report for the modification.

Manufacturer: Wildlife Technologies
115 Wolcott Street
Manchester, New Hampshire 03103

Test Dates: November 14, 2008

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

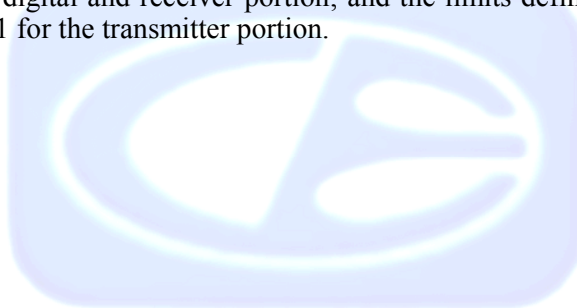
Test Deviations: The test procedure was not deviated from during the testing.

SUMMARY OF TEST RESULTS

TEST	DESCRIPTION	RESULTS
1	Conducted RF Emissions, 150 kHz – 30 MHz	This test was not performed because the EUT cannot be plugged into the AC public mains.
2	Radiated RF Emissions, 10 kHz – 4180 MHz (Transmitter Portion)	Complies with the limits of CFR Title 47, Part 15, Subpart C, section 15.205, 15.209, and 15.231.
3	Radiated RF Emissions, 10 kHz – 4180 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 Transmitter, Model: KAS-2030M. 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 and receiver portion; and the limits defined in Subpart C, sections 15.205, 15.209, and 15.231 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

Wildlife Technologies

William Martz Owner

Compatible Electronics, Inc.

Kyle Fujimoto Test Engineer

Michael Christensen Lab Manager, Brea Division

2.4 Date Test Sample was Received

The test sample was received on October 21, 2008.

2.5 Disposition of the Test Sample

The sample has not been returned to Wildlife Technologies as of 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

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 Transmitter, Model: KAS-2030M (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.

The transmitter shuts off immediately after the button is released during normal operation.

The final radiated data was taken the mode described above. 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
TRANSMITTER (EUT)	WILDLIFE TECHNOLOGIES	KAS-2030M	N/A	NW6KAS-2030M

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	100172	November 27, 2006	Nov. 27, 2008
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 11, 2008	Jan. 11, 2009
Biconical Antenna	Com Power	AB-900	15226	February 28, 2008	Feb. 28, 2009
Log Periodic Antenna	Com Power	AL-100	16060	June 27, 2008	June 27, 2009
Loop Antenna	Com-Power	AL-130	17089	September 29, 2008	Sept. 29, 2009
Horn Antenna	Antenna Research	AH-118	071175	June 27, 2008	June 27, 2009
Microwave Preamplifier	Com Power	PA-122	181921	March 3, 2008	March 3, 2009
Antenna Mast	Com Power	AM-100	N/A	N/A	N/A

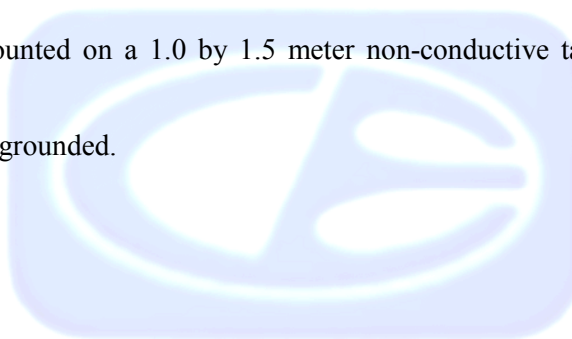
6. TEST SITE DESCRIPTION**6.1 Test Facility Description**

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 readings were averaged by a "duty cycle correction factor", derived from $20 \log$ (dwell time / one pulse train with blanking interval).

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 4.18 GHz	1 MHz	Horn Antenna

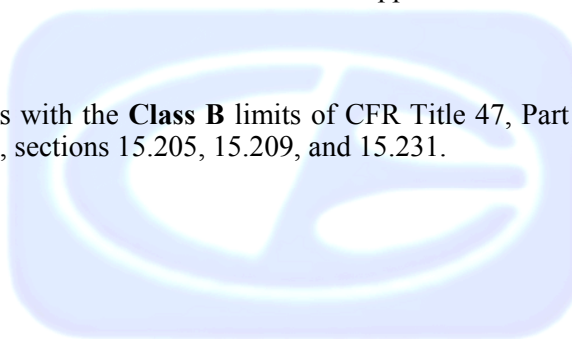
The open field test site of Compatible Electronics, Inc. was used for radiated emission testing. This test site is set up according to ANSI C63.4. Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The turntable supporting the EUT is remote controlled using a motor. 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.

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 15.231.

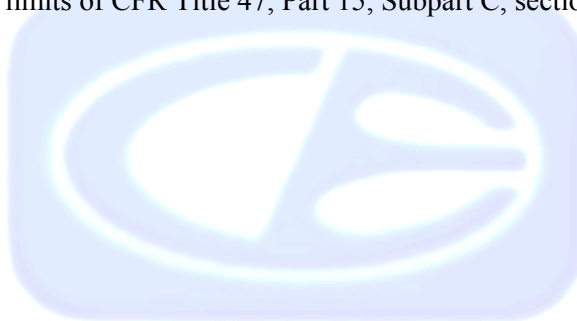


7.2 Bandwidth of the Fundamental

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

Test Results:

Complies with the limits of CFR Title 47, Part 15, Subpart C, section 15.231(c).



8. CONCLUSIONS

The Transmitter, Model: KAS-2030M 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 15.231 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

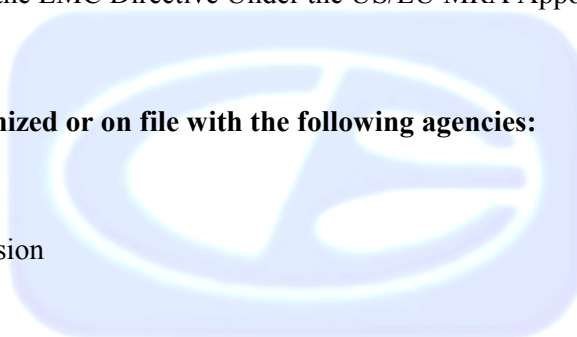
Bureau of Standards and Metrology Inspection - Reference Number: SL2-IN-E-1031

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



APPENDIX B

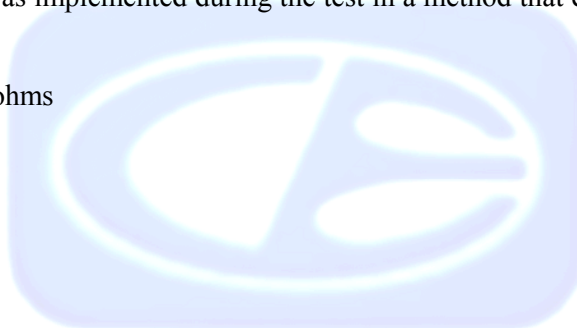
MODIFICATIONS TO THE EUT

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.

Change R4 from 1000 ohms to 0 ohms





APPENDIX C

***ADDITIONAL MODELS COVERED
UNDER THIS REPORT***

ADDITIONAL MODELS COVERED UNDER THIS REPORT

USED FOR THE PRIMARY TEST

Transmitter
Model: KAS-2030M
S/N: N/A

There were no additional models covered under this report.

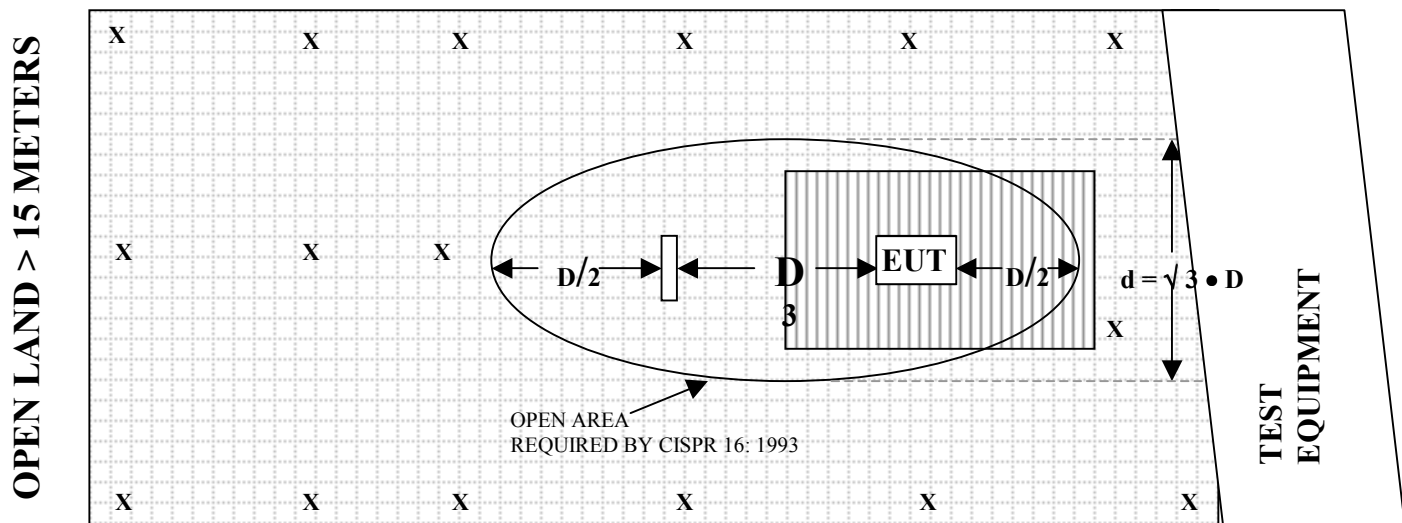


APPENDIX D

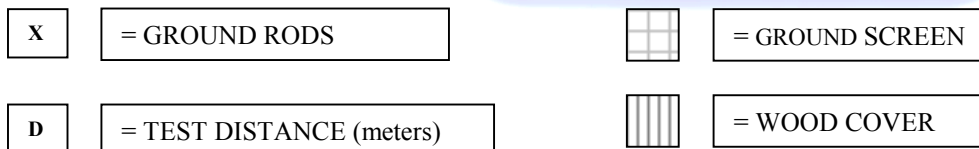
DIAGRAMS, CHARTS, AND PHOTOS

FIGURE 1: PLOT MAP AND LAYOUT OF RADIATED TEST SITE – 3 METERS

OPEN LAND > 15 METERS



OPEN LAND > 15 METERS



COM-POWER AB-900

BICONICAL ANTENNA

S/N: 15226

CALIBRATION DATE: FEBRUARY 28, 2008

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	12.1	100	10.7
35	12.2	120	13.6
40	11.7	140	12.1
45	9.9	160	12.2
50	11.3	180	15.2
60	9.4	200	16.5
70	7.6	250	16.5
80	6.0	275	18.1
90	6.8	300	21.5

COM-POWER AL-100

LOG PERIODIC ANTENNA

S/N: 16060

CALIBRATION DATE: JUNE 27, 2008

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
300	12.7	700	21.2
400	15.3	800	21.7
500	17.4	900	21.8
600	19.0	1000	22.8

COM POWER AH-118**HORN ANTENNA****S/N: 071175****CALIBRATION DATE: JUNE 27, 2008**

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	24.5	10.0	39.4
1.5	25.4	10.5	39.7
2.0	28.3	11.0	39.0
2.5	28.9	11.5	40.0
3.0	29.7	12.0	39.7
3.5	30.8	12.5	41.7
4.0	31.4	13.0	42.7
4.5	32.6	13.5	41.2
5.0	33.7	14.0	41.6
5.5	34.4	14.5	43.2
6.0	34.7	15.0	42.3
6.5	35.4	15.5	39.3
7.0	37.0	16.0	41.7
7.5	37.4	16.5	39.6
8.0	37.6	17.0	43.0
8.5	37.6	17.5	47.1
9.0	38.5	18.0	46.2
9.5	38.6		

COM-POWER PA-102**PREAMPLIFIER**

S/N: 1017

CALIBRATION DATE: JANUARY 11, 2008

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	38.2	300	38.3
40	38.0	350	38.0
50	38.3	400	38.1
60	38.6	450	37.5
70	38.4	500	37.9
80	38.4	550	37.9
90	38.3	600	37.8
100	38.1	650	37.5
125	38.5	700	38.0
150	38.2	750	37.7
175	38.1	800	37.1
200	38.4	850	37.1
225	38.2	900	37.1
250	38.2	950	37.0
275	38.0	1000	36.5

COM-POWER PA-122**PREAMPLIFIER**

S/N: 181921

CALIBRATION DATE: MARCH 3, 2008

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	36.32	10.0	35.47
1.5	35.40	10.5	35.05
2.0	34.77	11.0	34.16
2.5	35.07	11.5	33.75
3.0	34.86	12.0	34.65
3.5	34.48	12.5	34.41
4.0	34.30	13.0	35.36
4.5	33.96	13.5	35.30
5.0	34.06	14.0	35.87
5.5	34.54	14.5	36.44
6.0	35.90	15.0	36.24
6.5	36.85	15.5	35.92
7.0	36.55	16.0	35.53
7.5	35.31	16.5	35.29
8.0	33.57	17.0	34.96
8.5	33.36	17.5	34.02
9.0	35.01	18.0	33.39
9.5	35.97	18.5	32.70

COM-POWER AL-130**LOOP ANTENNA**

S/N: 17089

CALIBRATION DATE: SEPTEMBER 29, 2008

FREQUENCY (MHz)	MAGNETIC (dB/m)	ELECTRIC (dB/m)
0.009	-41.57	9.93
0.01	-42.06	9.44
0.02	-42.43	9.07
0.03	-40.86	10.65
0.04	-41.16	10.34
0.05	-42.50	9.00
0.06	-41.90	9.60
0.1	-42.03	9.47
0.2	-44.50	7.00
0.3	-41.93	9.57
0.4	-42.00	9.50
0.5	-41.90	9.60
0.6	-41.63	9.87
1	-41.23	10.27
2	-40.90	10.60
5	-40.70	10.80
8	-41.10	10.40
9	-40.90	10.60
10	-41.10	10.40
15	-42.17	9.33
20	-42.00	9.50
25	-42.20	9.30
30	-43.10	8.40



FRONT VIEW

**WILDLIFE TECHNOLOGIES
TRANSMITTER**

MODEL: KAS-2030M

FCC SUBPART B AND C – RADIATED EMISSIONS

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**

Brea Division
114 Olinda Drive
Brea, CA 92823
(714) 579-0500

Agoura Division
2337 Troutdale Drive
Agoura, CA 91301
(818) 597-0600

Silverado Division
19121 El Toro Road
Silverado, CA 92676
(949) 589-0700

Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400



REAR VIEW

WILDLIFE TECHNOLOGIES
TRANSMITTER
MODEL: KAS-2030M
FCC SUBPART B AND C – RADIATED EMISSIONS

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**

Brea Division
114 Olinda Drive
Brea, CA 92823
(714) 579-0500

Agoura Division
2337 Troutdale Drive
Agoura, CA 91301
(818) 597-0600

Silverado Division
19121 El Toro Road
Silverado, CA 92676
(949) 589-0700

Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400

APPENDIX E

DATA SHEETS

RADIATED EMISSIONS

DATA SHEETS

FCC 15.249

Wildlife Technologies

Transmitter

Model: KAS-2030M

Date: 11/14/08

Lab: B

Tested By: Kyle Fujimoto

X-Axis**Transmit Mode**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
418	86.28	V	100.28	-14	Peak	1.15	225	
418	66.28	V	80.28	-14	Avg	1.15	225	
836	50.43	V	80.28	-29.85	Peak	1.15	225	
836	30.43	V	60.28	-29.85	Avg	1.15	225	
1254	44.35	V	74	-29.65	Peak	1.16	225	
1254	24.35	V	54	-29.65	Avg	1.16	225	
1672	48.71	V	74	-25.29	Peak	1.16	135	
1672	28.71	V	54	-25.29	Avg	1.16	135	
2090	61.15	V	74	-12.85	Peak	1.19	150	
2090	41.15	V	54	-12.85	Avg	1.19	150	
2508	54.38	V	74	-19.62	Peak	1.16	150	
2508	34.38	V	54	-19.62	Avg	1.16	150	
2926	59.44	V	74	-14.56	Peak	1.18	150	
2926	39.44	V	54	-14.56	Avg	1.18	150	
3344	61.76	V	74	-12.24	Peak	1.18	125	
3344	41.76	V	54	-12.24	Avg	1.18	125	
3762	56.91	V	74	-17.09	Peak	1.15	150	
3762	36.91	V	54	-17.09	Avg	1.15	150	
4180	50.69	V	74	-23.31	Peak	1.19	180	
4180	30.69	V	54	-23.31	Avg	1.19	180	

FCC 15.249

Wildlife Technologies

Transmitter

Model: KAS-2030M

Date: 11/14/08

Lab: B

Tested By: Kyle Fujimoto

X-Axis**Transmit Mode**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
418	96.08	H	100.28	-4.2	Peak	1.15	225	
418	76.08	H	80.28	-4.2	Avg	1.15	225	
836	58.33	H	80.28	-21.95	Peak	1.15	225	
836	38.33	H	60.28	-21.95	Avg	1.15	225	
1254	37.85	H	74	-36.15	Peak	1.16	225	
1254	17.85	H	54	-36.15	Avg	1.16	225	
1672	48.23	H	74	-25.77	Peak	1.29	45	
1672	28.23	H	54	-25.77	Avg	1.29	45	
2090	60.78	H	74	-13.22	Peak	1.18	315	
2090	40.78	H	54	-13.22	Avg	1.18	315	
2508	52.41	H	74	-21.59	Peak	2.15	45	
2508	32.41	H	54	-21.59	Avg	2.15	45	
2926	55.01	H	74	-18.99	Peak	1.26	175	
2926	35.01	H	54	-18.99	Avg	1.26	175	
3344	61.61	H	74	-12.39	Peak	1.19	225	
3344	41.61	H	54	-12.39	Avg	1.19	225	
3762	54.47	H	74	-19.53	Peak	1.15	150	
3762	34.47	H	54	-19.53	Avg	1.15	150	
4180	50.66	H	74	-23.34	Peak	1.19	180	
4180	30.66	H	54	-23.34	Avg	1.19	180	

FCC 15.249

Wildlife Technologies

Transmitter

Model: KAS-2030M

Date: 11/14/08

Lab: B

Tested By: Kyle Fujimoto

Y-Axis**Transmit Mode**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
418	95.48	V	100.28	-4.8	Peak	1.15	225	
418	75.48	V	80.28	-4.8	Avg	1.15	225	
836	53.83	V	80.28	-26.45	Peak	1.15	225	
836	33.83	V	60.28	-26.45	Avg	1.15	225	
1254	48.31	V	74	-25.69	Peak	1.18	150	
1254	28.31	V	54	-25.69	Avg	1.18	150	
1672	55.97	V	74	-18.03	Peak	1.18	225	
1672	35.97	V	54	-18.03	Avg	1.18	225	
2090	68.48	V	74	-5.52	Peak	1.35	125	
2090	48.48	V	54	-5.52	Avg	1.35	125	
2508	59.55	V	74	-14.45	Peak	1.52	315	
2508	39.55	V	54	-14.45	Avg	1.52	315	
2926	64.69	V	74	-9.31	Peak	1.18	150	
2926	44.69	V	54	-9.31	Avg	1.18	150	
3344	66.67	V	74	-7.33	Peak	1.19	225	
3344	46.67	V	54	-7.33	Avg	1.19	225	
3762	55.13	V	74	-18.87	Peak	1.15	150	
3762	35.13	V	54	-18.87	Avg	1.15	150	
4180	53.55	V	74	-20.45	Peak	1.19	180	
4180	33.55	V	54	-20.45	Avg	1.19	180	

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Wildlife Technologies

Transmitter

Model: KAS-2030M

Date: 11/14/08

Lab: B

Tested By: Kyle Fujimoto

Y-Axis**Transmit Mode**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
418	86.98	H	100.28	-13.3	Peak	1.15	225	
418	66.98	H	80.28	-13.3	Avg	1.15	225	
836	51.93	H	80.28	-28.35	Peak	1.15	225	
836	31.93	H	60.28	-28.35	Avg	1.15	225	
1254	37.52	H	74	-36.48	Peak	1.16	225	
1254	17.52	H	54	-36.48	Avg	1.16	225	
1672	42.34	H	74	-31.66	Peak	1.18	225	
1672	22.34	H	54	-31.66	Avg	1.18	225	
2090	55.53	H	74	-18.47	Peak	1.19	150	
2090	35.53	H	54	-18.47	Avg	1.19	150	
2508	58.61	H	74	-15.39	Peak	1.16	150	
2508	38.61	H	54	-15.39	Avg	1.16	150	
2926	59.01	H	74	-14.99	Peak	1.18	150	
2926	39.01	H	54	-14.99	Avg	1.18	150	
3344	65.78	H	74	-8.22	Peak	1.88	150	
3344	45.78	H	54	-8.22	Avg	1.88	150	
3762	65.61	H	74	-8.39	Peak	1.15	150	
3762	45.61	H	54	-8.39	Avg	1.15	150	
4180	61.01	H	74	-12.99	Peak	1.19	180	
4180	41.01	H	54	-12.99	Avg	1.19	180	

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Wildlife Technologies

Transmitter

Model: KAS-2030M

Date: 11/14/08

Lab: B

Tested By: Kyle Fujimoto

Z-Axis**Transmit Mode**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
418	90.28	V	100.28	-10	Peak	1.15	225	
418	70.28	V	80.28	-10	Avg	1.15	225	
836	53.53	V	80.28	-26.75	Peak	1.15	225	
836	33.53	V	60.28	-26.75	Avg	1.15	225	
1254	39.62	V	74	-34.38	Peak	1.16	150	
1254	19.62	V	54	-34.38	Avg	1.16	150	
1672	45.65	V	74	-28.35	Peak	1.15	150	
1672	25.65	V	54	-28.35	Avg	1.15	150	
2090	61.25	V	74	-12.75	Peak	1.18	150	
2090	41.25	V	54	-12.75	Avg	1.18	150	
2508	58.83	V	74	-15.17	Peak	1.19	225	
2508	38.83	V	54	-15.17	Avg	1.19	225	
2926	59.31	V	74	-14.69	Peak	1.16	150	
2926	39.31	V	54	-14.69	Avg	1.16	150	
3344	67.87	V	74	-6.13	Peak	1.15	150	
3344	47.87	V	54	-6.13	Avg	1.15	150	
3762	62.83	V	74	-11.17	Peak	1.15	150	
3762	42.83	V	54	-11.17	Avg	1.15	150	
4180	60.59	V	74	-13.41	Peak	1.18	150	
4180	40.59	V	54	-13.41	Avg	1.18	150	

FCC 15.249

Wildlife Technologies

Transmitter

Model: KAS-2030M

Date: 11/14/08

Lab: B

Tested By: Kyle Fujimoto

Z-Axis**Transmit Mode**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
418	94.28	H	100.28	-6	Peak	1.15	225	
418	74.28	H	80.28	-6	Avg	1.15	225	
836	57.83	H	80.28	-22.45	Peak	1.15	225	
836	37.83	H	60.28	-22.45	Avg	1.15	225	
1254	36.91	H	74	-37.09	Peak	1.16	225	
1254	16.91	H	54	-37.09	Avg	1.16	225	
1672	45.16	H	74	-28.84	Peak	1.18	225	
1672	25.16	H	54	-28.84	Avg	1.18	225	
2090	59.06	H	74	-14.94	Peak	1.19	150	
2090	39.06	H	54	-14.94	Avg	1.19	150	
2508	52.62	H	74	-21.38	Peak	1.13	150	
2508	32.62	H	54	-21.38	Avg	1.13	150	
2926	61.73	H	74	-12.27	Peak	1.18	150	
2926	41.73	H	54	-12.27	Avg	1.18	150	
3344	66.51	H	74	-7.49	Peak	1.19	225	
3344	46.51	H	54	-7.49	Avg	1.19	225	
3762	57.42	H	74	-16.58	Peak	1.15	150	
3762	37.42	H	54	-16.58	Avg	1.15	150	
4180	54.58	H	74	-19.42	Peak	1.19	180	
4180	34.58	H	54	-19.42	Avg	1.19	180	

Wildlife Technologies
Transmitter
Model: KAS-2030M

Date: 11/14/08
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Digital Portion and Non-Harmonic Emissions from the Transmitter

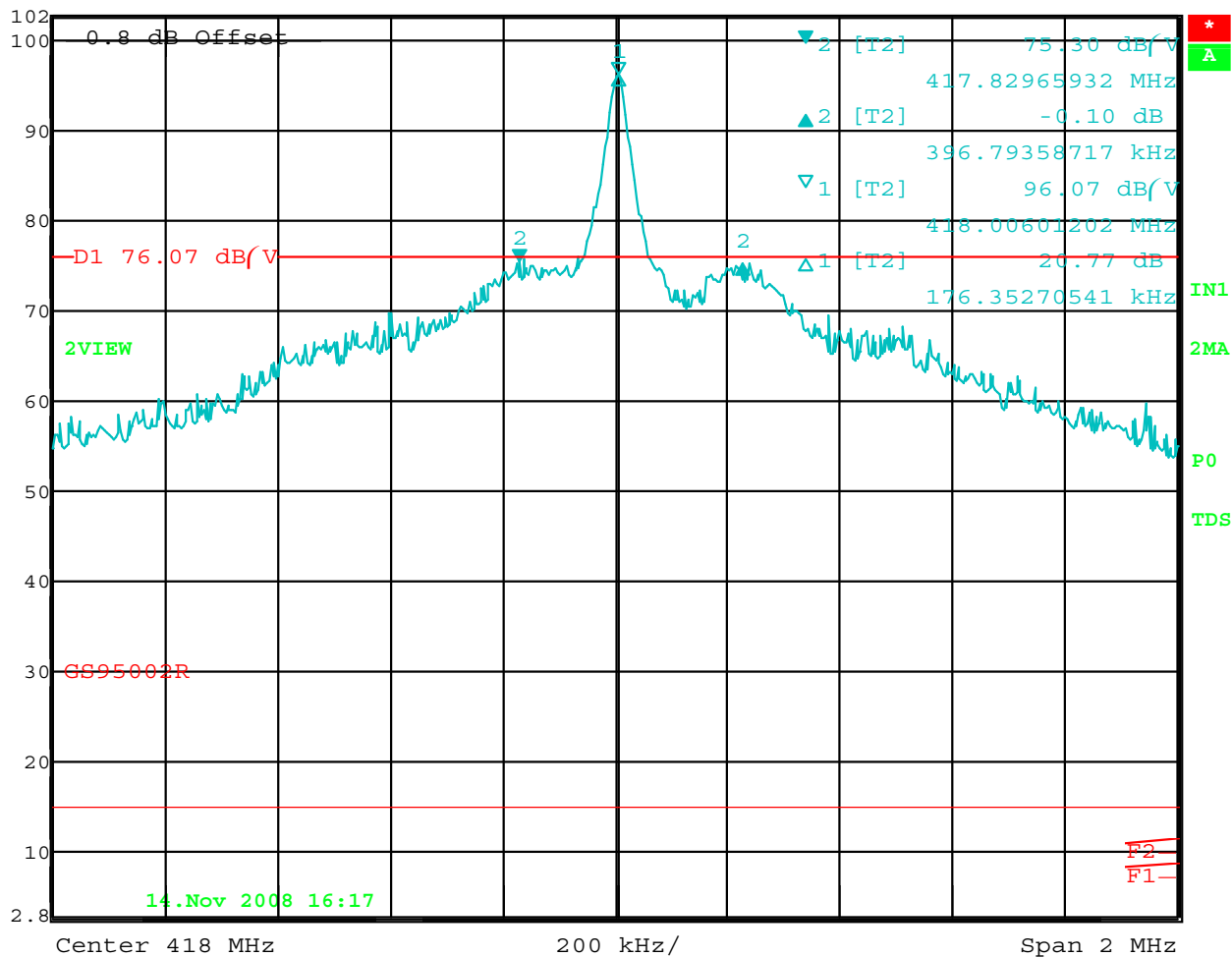
[illegible]

-20 dB BANDWIDTH

DATA SHEET



Delta 2 [T2] RBW 30 kHz RF Att 20 dB
Ref Lvl -0.10 dB VBW 100 kHz
102.8 dB/V 396.79358717 kHz SWT 6 ms Unit dB/V



Date: 14.NOV.2008 16:17:31

-20 dB Bandwidth of the Fundamental