

**FCC PART 15 SUBPART B and C  
TEST REPORT**

*for*

**KEYFOB**

**Model: SRK527**

Prepared for

BELWITH PRODUCTS, LLC  
 3100 BROADWAY AV SW  
 GRANDVILLE, MICHIGAN 49418

Prepared by: \_\_\_\_\_

KYLE FUJIMOTO

Approved by: \_\_\_\_\_

JAMES ROSS

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

DATE: JULY 14, 2013

	REPORT BODY	APPENDICES					TOTAL
		A	B	C	D	E	
PAGES	16	2	2	2	14	28	<b>64</b>

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## **GENERAL REPORT SUMMARY**

Compatible Electronics Inc. generates this electromagnetic emission test report, 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:            Keyfob  
                               Model: SRK527  
                               S/N: N/A

Product Description:     See Expository Statement

Modifications:           The EUT was not modified in order to meet the specifications.

Customer:                Belwith Products, LLC  
                               3100 Broadway AV SW  
                               Grandville, Michigan 49418

Test Date(s):            June 26, 2013; and July 12, 2013

Test Specifications:    Emissions 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**

<b>TEST</b>	<b>DESCRIPTION</b>	<b>RESULTS</b>
1	Conducted RF Emissions 150 kHz to 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 to 25000 MHz (Transmitter and Digital Portion)	Complies with the <b>Class B</b> limits of CFR Title 47, Part 15, Subpart B; and Subpart C, sections 15.205, 15.209, and 15.249.

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## 1. PURPOSE

This document is a qualification test report based on the emissions tests performed on the Keyfob, Model: SRK527 (EUT). The Emissions 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 Emissions tests described herein were performed at the test facility of Compatible Electronics, 114 Olinda Drive, Brea, California.

### 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

Belwith Products, LLC

Thomas Guido                          General Manager and CFO

Compatible Electronics Inc.

Alex Benitez	Test Technician
Kyle Fujimoto	Test Engineer
James Ross	Test Engineer

### 2.4 Date Test Sample was Received

The test sample was received on the initial test date of June 24, 2013.

### 2.5 Disposition of the Test Sample

The test sample has not been returned to Belwith Products, LLC as of the date of the test report.

### 2.6 Abbreviations and Acronyms

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

FCC	Federal Communications Commission
RF	Radio Frequency
EMI	Electromagnetic Interference
EUT	Equipment Under Test
P/N	Part Number
S/N	Serial Number
ITE	Information Technology Equipment
LISN	Line Impedance Stabilization Network
NVLAP	National Voluntary Laboratory Accreditation Program
CFR	Code of Federal Regulations
N/A	Not Applicable
Ltd.	Limited
Inc.	Incorporated
NCR	No Calibration Required

### 3. APPLICABLE DOCUMENTS

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

SPEC	TITLE
CFR Title 47, Part 15	FCC Rules – Radio frequency devices (including digital devices)
ANSI C63.4: 2009	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 – Emissions

The Keyfob, Model: SRK527 (EUT) tested as a stand alone unit. The EUT had a special test program that allowed the low, middle, or high channels, to be tested and to also select the data rate and bandwidth. The EUT was tested in three orthogonal axis.

It was determined that the emissions were at their highest level when the EUT was operating in the above configuration. The final emissions data was taken in this mode of operation and any cables were maximized. All initial investigations were performed with the measurement receiver in manual mode scanning the frequency range continuously. Photographs of the test setup are in Appendix D of this report.

#### 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
KEYFOB (EUT)	BELWITH PRODUCTS, LLC	SRK527	N/A	2AAJWSRK527
TEST BOARD	N/A	N/A	N/A	N/A



## 5.2 Emissions Test Equipment

EQUIPMENT TYPE	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	CALIBRATION DATE	CALIBRATION CYCLE
<b>GENERAL TEST EQUIPMENT USED IN LAB B</b>					
Computer	Compaq	CQ5210F	CNX9360CF9	N/A	N/A
Monitor	Hewlett Packard	HPs2031a	3CQ046N3MD	N/A	N/A
EMI Receiver	Rohde & Schwarz	ESIB40	100194	November 19, 2012	2 Years
<b>GENERAL TEST EQUIPMENT USED IN LAB A</b>					
Computer	Hewlett Packard	p6716f	MXX1030PX0	N/A	N/A
Monitor	Hewlett Packard	HPs2031a	3CQ046N3MG	N/A	N/A
Spectrum Analyzer – Main Section	Hewlett Packard	8566B	2637A03618	May 6, 2013	1 Year
Spectrum Analyzer – Display Section	Hewlett Packard	85662A	2648A13404	May 6, 2013	1 Year
Quasi-Peak Adapter	Hewlett Packard	85650A	2811A01363	May 29, 2013	1 Year
<b>RF RADIATED EMISSIONS TEST EQUIPMENT</b>					
Combilog Antenna	Com Power	AC-220	61027	May 29, 2013	1 Year
Preamplifier	Com-Power	PA-103	1582	December 28, 2012	1 Year
Preamplifier	Com-Power	PA-118	181656	December 27, 2012	1 Year
Preamplifier	Com-Power	PA-840	711013	May 17, 2012	2 Year
Loop Antenna	Com-Power	AL-130	17089	January 29, 2013	2 Years
Horn Antenna	Com-Power	AH-118	071175	February 29, 2012	2 Years
Horn Antenna	Com-Power	AH-826	0071957	N/A	N/A
Antenna Mast	Com Power	AM-100	N/A	N/A	N/A

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## 6. TEST SITE DESCRIPTION

### 6.1 Test Facility Description

Please refer to section 2.1 and 7.1.2 of this report for Emissions 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.

### 6.3 Facility Environmental Characteristics

When applicable refer to the data sheets in Appendix E for the relative humidity, air temperature, and barometric pressure.

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## 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 measurement receiver was used as a measuring meter. The data was collected with the measurement receiver 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 measurement receiver's input stage, and the offset was adjusted accordingly to read the actual data measured. The LISN output was measured using the measurement receiver. 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, along with the quasi-peak adapter, and EMI Receiver were used as a measuring meter. 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, the Com-Power Microwave Preamplifier Model: PA-118 was used for frequencies from 1 GHz to 18 GHz, and the Com-Power Microwave Preamplifier Model: PA-840 were used for frequencies above 18 GHz. The spectrum analyzer and EMI Receiver were used in the peak detect mode with the "Max Hold" feature activated. In this mode, the spectrum analyzer and EMI receiver records the highest measured reading over the sweeps.

The quasi-peak function was used only for those readings which are marked accordingly on the data sheets.

The frequencies above 1 GHz were adjusted by a "duty cycle correction factor", derived from  $20 \log(dwell\ time / worst\ case\ 100\ ms\ period)$ .

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 1 GHz	120 kHz	Combilog Antenna
1 GHz to 25 GHz	1 MHz	Horn Antennas

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 by the Radiated Emission Manual Test software. 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 gun sight method was used when measuring with the horn antenna in order to ensure accurate results. The loop antenna was also rotated in the vertical axis in order to ensure accurate results.

### 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 from 30 MHz to 25 GHz and at a 10-meter distance from 10 kHz to 30 MHz to obtain the final test data.

#### Test Results:

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

### 7.1.3 RF Emissions Test Results

Table 1.0 RADIATED EMISSION RESULTS  
 Keyfob, Model: SRK527

Frequency MHz	Corrected Reading* dBuV	Specification Limit dBuV	Delta (Cor. Reading – Spec. Limit) dB
2440 (H)	76.78 (A)	94.00	-17.22
2402 (H)	74.49 (A)	94.00	-19.51
2440 (V)	74.47 (A)	54.00	-19.53
7206 (V)	34.21 (A)	54.00	-19.79
2402 (V)	74.03 (A)	94.00	-19.97
2400 (H)	33.87 (A)	54.00	-20.13

Notes:

\* The complete emissions data is given in Appendix E of this report.

(BL) BLACK LEAD  
 (WL) WHITE LEAD  
 (V) VERTICAL  
 (H) HORIZONTAL  
 (A) AVERAGE

---

**8. CONCLUSIONS**

The Keyfob, Model: SRK527 (EUT), as tested, 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 ACCREDITATIONS AND RECOGNITIONS***

---

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

## LABORATORY ACCREDITATIONS AND RECOGNITIONS



NVLAP LAB CODES 200063-0,  
 200528-0, 200527-0

For US, Canada, Australia/New Zealand, Japan, Taiwan, Korea, and the European Union, Compatible Electronics is currently accredited by NVLAP to ISO/IEC 17025. Please follow the link to the NIST/NVLAP site for each of our facilities' NVLAP certificate and scope of accreditation  
[NVLAP listing links](#)

[Agoura Division](#) / [Brea Division](#) / [Silverado/Lake Forest Division](#)

.Quote from ISO-ILAC-IAF Communiqué on 17025:

"A laboratory's fulfillment of the requirements of ISO/IEC 17025:2005 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025:2005 (Section 4) are written in language relevant to laboratory operations and meet the principles of ISO 9001:2008 Quality Management Systems — Requirements."



ANSI listing [CETCB](#)



Compatible Electronics has been nominated as a Conformity Assessment Body (CAB) for EMC under the US/EU Mutual Recognition Agreement (MRA).

[US/EU MRA list](#) [NIST MRA site](#)



Compatible Electronics has been nominated as a Conformity Assessment Body (CAB) for Taiwan/BSMI under the US/APEC (Asia-Pacific Economic Cooperation) Mutual Recognition Agreement (MRA).

[APEC MRA list](#) [NIST MRA site](#)

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VCCI Support member: Please visit [http://www.vcci.jp/vcci\\_e/](http://www.vcci.jp/vcci_e/)



FCC Listing, from FCC OET site  
[FCC test lab search](https://fjallfoss.fcc.gov/oetcf/eas/reports/TestFirmSearch.cfm) <https://fjallfoss.fcc.gov/oetcf/eas/reports/TestFirmSearch.cfm>



Compatible Electronics IC listing can be found at:  
<http://www.ic.gc.ca/eic/site/ic1.nsf/eng/home>

## APPENDIX B

### ***MODIFICATIONS TO THE EUT***

---

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

## MODIFICATIONS TO THE EUT

The modifications listed below were made to the EUT to pass FCC 15.249 and/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 during the testing.



## APPENDIX C

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

---

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

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

USED FOR THE PRIMARY TEST

Keyfob  
Model: SRK527  
S/N: N/A

No additional model numbers are approved under this report.



## APPENDIX D

### ***DIAGRAMS, CHARTS, AND PHOTOS***

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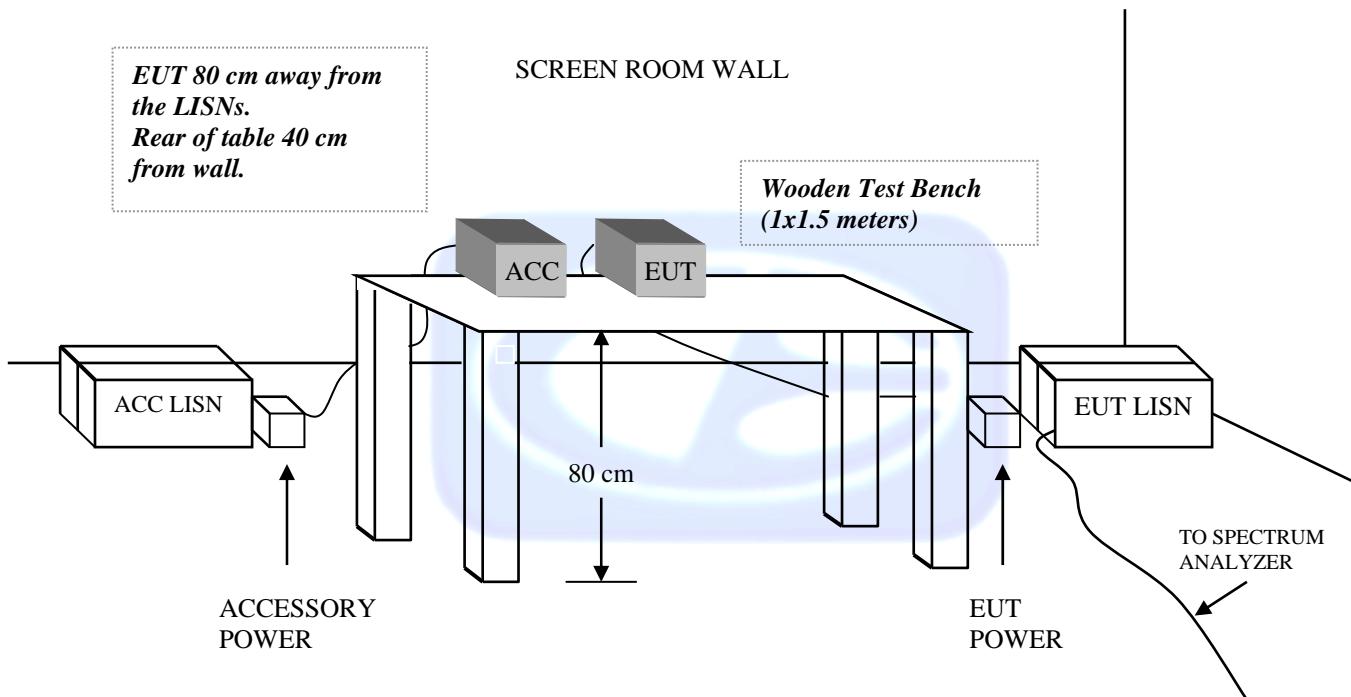
Brea Division  
114 Olinda Drive  
Brea, CA 92823  
(714) 579-0500

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

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

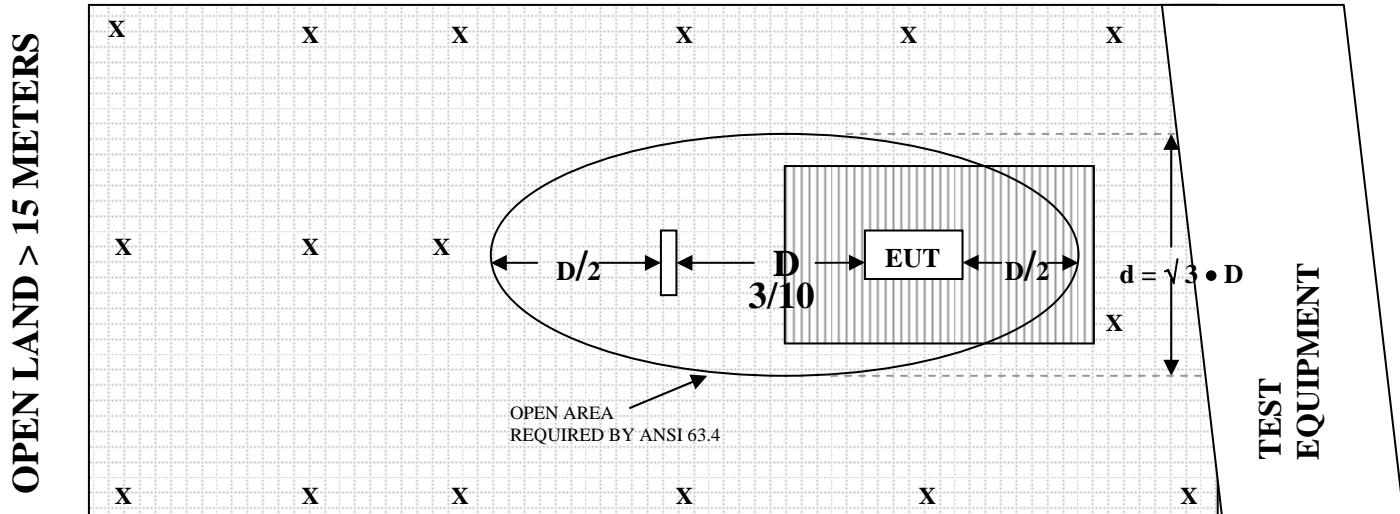
Lake Forest Division  
20621 Pascal Way  
Lake Forest, CA 92630  
(949) 587-0400

## **FIGURE 1: CONDUCTED EMISSIONS TEST SETUP**

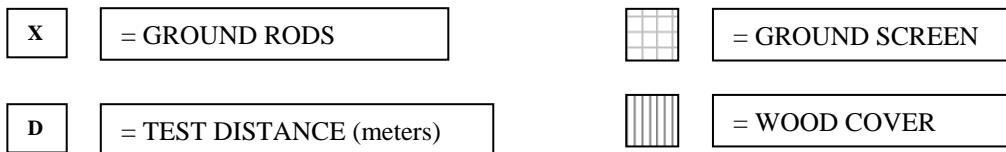


**FIGURE 2: PLOT MAP AND LAYOUT OF  
THE RADIATED TEST SITE**

**OPEN LAND > 15 METERS**



**OPEN LAND > 15 METERS**



# COM-POWER AL-130

## LOOP ANTENNA

S/N: 17089

CALIBRATION DATE: JANUARY 29, 2013

FREQUENCY (MHz)	MAGNETIC (dB/m)	ELECTRIC (dB/m)
0.009	-42.5	9
0.01	-42.3	9.2
0.02	-42.1	9.4
0.03	-41.4	10.1
0.04	-41.8	9.7
0.05	-42.4	9.1
0.06	-42.3	9.2
0.07	-42.5	9
0.08	-42.4	9.1
0.09	-42.5	9
0.1	-42.5	9
0.2	-42.7	8.8
0.3	-42.6	8.9
0.4	-42.5	9
0.5	-42.7	8.8
0.6	-42.7	8.8
0.7	-42.5	9
0.8	-42.3	9.2
0.9	-42.2	9.3
1	-42.2	9.3
2	-41.8	9.7
3	-41.7	9.8
4	-41.7	9.8
5	-41.5	10
6	-41.6	9.9
7	-41.4	10.1
8	-41	10.5
9	-40.8	10.7
10	-41.3	10.2
15	-41.4	10.1
20	-41.2	10.3
25	-42.6	8.9
30	-41.7	9.8

**COM-POWER AC-220**

**COMBILOG ANTENNA**

**S/N: 61027**

**CALIBRATION DATE: MAY 29, 2013**

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
300	12.30	700	20.40
350	14.40	750	21.60
400	18.70	800	21.70
450	17.30	850	21.80
500	17.80	900	22.30
550	16.50	950	22.40
600	18.20	1000	23.10
650	19.30		

# COM POWER AH-118

## HORN ANTENNA

S/N: 071175

CALIBRATION DATE: FEBRUARY 29, 2012

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	23.6	10.0	37.7
1.5	22.0	10.5	38.4
2.0	28.7	11.0	38.0
2.5	29.3	11.5	38.2
3.0	30.6	12.0	39.0
3.5	30.4	12.5	42.4
4.0	31.1	13.0	40.8
4.5	33.4	13.5	40.0
5.0	35.3	14.0	39.7
5.5	35.1	14.5	43.5
6.0	36.9	15.0	42.7
6.5	37.4	15.5	39.7
7.0	37.6	16.0	39.2
7.5	36.2	16.5	39.7
8.0	38.4	17.0	42.2
8.5	39.3	17.5	47.6
9.0	37.4	18.0	51.2
9.5	38.0		

# COM-POWER AH-826

## HORN ANTENNA

S/N: 0071957

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
18.0	33.5	22.5	35.5
18.5	33.5	23.0	35.9
19.0	34.0	23.5	35.7
19.5	34.0	24.0	35.6
20.0	34.3	24.5	36.0
20.5	34.9	25.0	36.2
21.0	34.7	25.5	36.1
21.5	35.0	26.0	36.2
22.0	35.0	26.5	35.7

# COM-POWER PA-103

## PREAMPLIFIER

S/N: 1582

CALIBRATION DATE: DECEMBER 28, 2012

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	32.80	300	32.26
40	33.10	350	32.23
50	33.10	400	32.17
60	33.10	450	32.16
70	33.00	500	32.11
80	33.00	550	32.07
90	33.10	600	32.02
100	33.00	650	31.97
125	33.00	700	31.87
150	33.00	750	31.81
175	32.90	800	31.73
200	32.80	850	31.57
225	32.34	900	31.43
250	32.32	950	31.29
275	32.28	1000	31.14

# COM-POWER PA-118

## PREAMPLIFIER

S/N: 181656

CALIBRATION DATE: DECEMBER 27, 2012

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	24.68	6.0	25.75
1.1	25.08	6.5	25.28
1.2	25.70	7.0	24.83
1.3	25.98	7.5	24.49
1.4	26.11	8.0	24.38
1.5	26.23	8.5	25.06
1.6	26.34	9.0	25.55
1.7	26.39	9.5	25.32
1.8	26.44	10.0	25.25
1.9	26.45	11.0	24.99
2.0	26.48	12.0	25.08
2.5	26.59	13.0	24.44
3.0	26.67	14.0	25.02
3.5	26.66	15.0	26.12
4.0	26.82	16.0	25.67
4.5	26.46	17.0	24.33
5.0	26.22	18.0	26.75
5.5	25.98		

# COM-POWER PA-840

## MICROWAVE PREAMPLIFIER

S/N: 711013

CALIBRATION DATE: MAY 17, 2012

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
18.0	25.81	31.0	25.77
19.0	24.57	31.5	25.36
20.0	23.46	32.0	25.15
21.0	22.51	32.5	25.13
22.0	23.85	33.0	25.52
23.0	23.31	33.5	25.24
24.0	24.44	34.0	25.08
25.0	25.42	34.5	25.27
26.0	25.71	35.0	23.99
26.5	25.66	35.5	24.67
27.0	25.84	36.5	24.80
27.5	25.29	37.0	26.27
28.0	25.46	37.5	24.86
28.5	25.58	38.0	24.64
29.0	26.16	38.5	23.46
29.5	26.14	39.0	21.29
30.0	26.01	39.5	20.83
30.5	25.67	40.0	19.96

**FRONT VIEW**

BELWITH PRODUCTS, LLC  
KEYFOB  
MODEL: SRK527  
FCC SUBPART B AND C – RADIATED EMISSIONS – ABOVE 30 MHz

**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**

BELWITH PRODUCTS, LLC  
KEYFOB  
MODEL: SRK527  
FCC SUBPART B AND C – RADIATED EMISSIONS – ABOVE 30 MHz

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

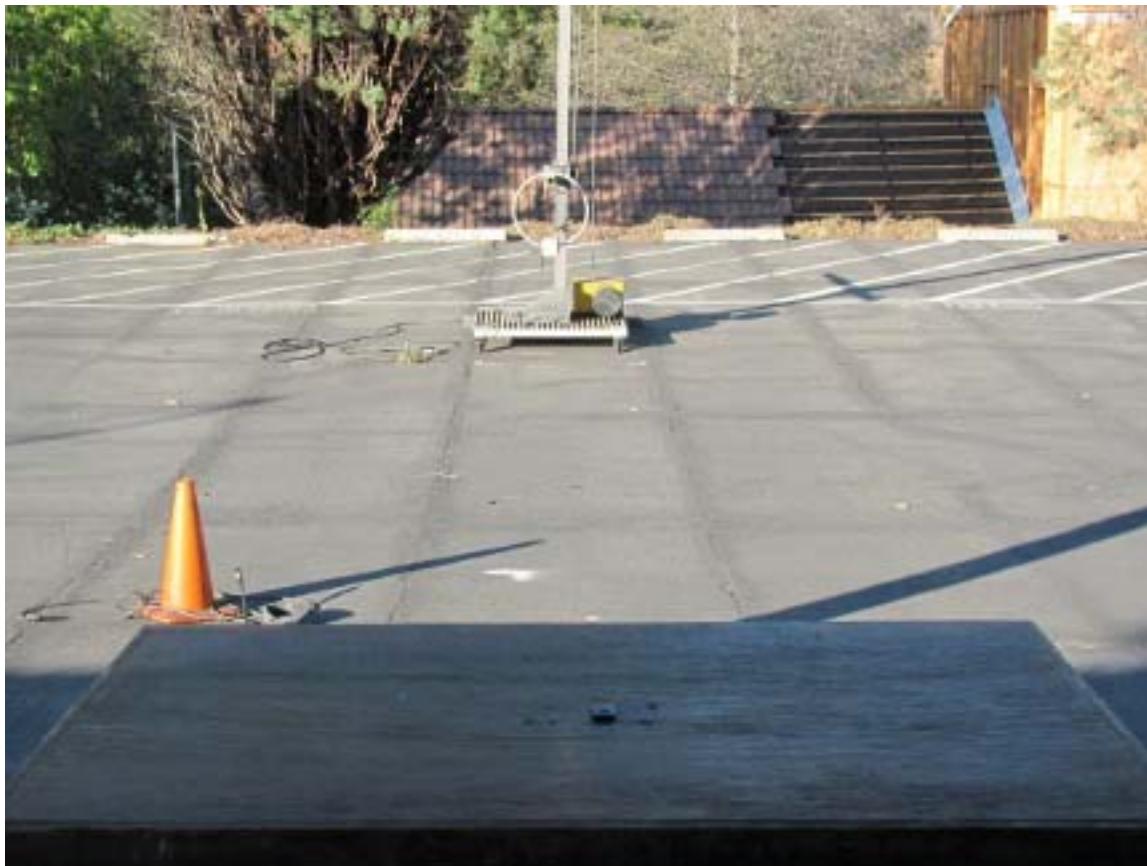
---

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

**FRONT VIEW**

BELWITH PRODUCTS, LLC  
KEYFOB  
MODEL: SRK527  
FCC SUBPART B AND C – RADIATED EMISSIONS – BELOW 30 MHz

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

---

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

Agoura Division  
2337 Troutdale Drive  
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Silverado, CA 92676  
(949) 589-0700

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

**REAR VIEW**

BELWITH PRODUCTS, LLC  
KEYFOB  
MODEL: SRK527  
FCC SUBPART B AND C – RADIATED EMISSIONS – BELOW 30 MHz

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

---

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(818) 597-0600

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(949) 589-0700

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

## APPENDIX E

### ***DATA SHEETS***

---

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

## **RADIATED EMISSIONS**

**DATA SHEETS**

---

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

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/13 and 07/12/13  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)**  
**X-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2402	84.99	V	114	-29.01	Peak	1.25	135	
2402	64.99	V	94	-29.01	Avg	1.25	135	
4804	47.32	V	74	-26.68	Peak	1.25	155	
4804	27.32	V	54	-26.68	Avg	1.25	155	
7206	48.31	V	74	-25.69	Peak	1.35	165	
7206	28.31	V	54	-25.69	Avg	1.35	165	
9608	51.97	V	74	-22.03	Peak	1.25	175	
9608	31.97	V	54	-22.03	Avg	1.25	175	
12010								No Emission Detected
12010								
14412								No Emission Detected
14412								
16814								No Emission Detected
16814								
19216								No Emission Detected
19216								
21618								No Emission Detected
21618								
24020								No Emission Detected
24020								

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/13 and 07/12/13  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)**  
**X-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2402	91.84	H	114	-22.16	Peak	1.25	135	
2402	71.84	H	94	-22.16	Avg	1.25	135	
4804	49.09	H	74	-24.91	Peak	1.25	165	
4804	29.09	H	54	-24.91	Avg	1.25	165	
7206	46.35	H	74	-27.65	Peak	1.35	175	
7206	26.35	H	54	-27.65	Avg	1.35	175	
9608	53.41	H	74	-20.59	Peak	1.25	185	
9608	33.41	H	54	-20.59	Avg	1.25	185	
12010								No Emission Detected
12010								
14412								No Emission Detected
14412								
16814								No Emission Detected
16814								
19216								No Emission Detected
19216								
21618								No Emission Detected
21618								
24020								No Emission Detected
24020								

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/13 and 07/12/13  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)**  
**Y-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2402	94.03	V	114	-19.97	Peak	1.25	315	
2402	74.03	V	94	-19.97	Avg	1.25	315	
4804	51.11	V	74	-22.89	Peak	1.25	225	
4804	31.11	V	54	-22.89	Avg	1.25	225	
7206	54.21	V	74	-19.79	Peak	1.35	235	
7206	34.21	V	54	-19.79	Avg	1.35	235	
9608	52.64	V	74	-21.36	Peak	1.45	135	
9608	32.64	V	54	-21.36	Avg	1.45	135	
12010								No Emission Detected
12010								
14412								No Emission Detected
14412								
16814								No Emission Detected
16814								
19216								No Emission Detected
19216								
21618								No Emission Detected
21618								
24020								No Emission Detected
24020								

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/13 and 07/12/13  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)**  
**Y-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2402	86.81	H	114	-27.19	Peak	1.25	225	
2402	66.81	H	94	-27.19	Avg	1.25	225	
4804	48.84	H	74	-25.16	Peak	1.25	145	
4804	28.84	H	54	-25.16	Avg	1.25	145	
7206	46.78	H	74	-27.22	Peak	1.35	155	
7206	26.78	H	54	-27.22	Avg	1.35	155	
9608	52.42	H	74	-21.58	Peak	1.25	165	
9608	32.42	H	54	-21.58	Avg	1.25	165	
12010								No Emission Detected
12010								
14412								No Emission Detected
14412								
16814								No Emission Detected
16814								
19216								No Emission Detected
19216								
21618								No Emission Detected
21618								
24020								No Emission Detected
24020								

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/13 and 07/12/13  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)  
Z-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2402	90.82	V	114	-23.18	Peak	1.25	155	
2402	70.82	V	94	-23.18	Avg	1.25	155	
4804	49.41	V	74	-24.59	Peak	1.35	135	
4804	29.41	V	54	-24.59	Avg	1.35	135	
7206	47.36	V	74	-26.64	Peak	1.25	145	
7206	27.36	V	54	-26.64	Avg	1.25	145	
9608	50.47	V	74	-23.53	Peak	1.35	125	
9608	30.47	V	54	-23.53	Avg	1.35	125	
12010								No Emission Detected
12010								
14412								No Emission Detected
14412								
16814								No Emission Detected
16814								
19216								No Emission Detected
19216								
21618								No Emission Detected
21618								
24020								No Emission Detected
24020								

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/13 and 07/12/13  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)**  
**Z-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2402	94.49	H	114	-19.51	Peak	1.25	155	
2402	74.49	H	94	-19.51	Avg	1.25	155	
4804	49.11	H	74	-24.89	Peak	1.25	165	
4804	29.11	H	54	-24.89	Avg	1.25	165	
7206	47.58	H	74	-26.42	Peak	1.35	165	
7206	27.58	H	54	-26.42	Avg	1.35	165	
9608	52.07	H	74	-21.93	Peak	1.25	175	
9608	32.07	H	54	-21.93	Avg	1.25	175	
12010								No Emission Detected
12010								
14412								No Emission Detected
14412								
16814								No Emission Detected
16814								
19216								No Emission Detected
19216								
21618								No Emission Detected
21618								
24020								No Emission Detected
24020								

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/2013 and 07/12/2013  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)**  
**X-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2440	90.15	V	114	-23.85	Peak	1	90	
2440	70.15	V	94	-23.85	Avg	1	90	
4880	43.54	V	74	-30.46	Peak	1.25	135	
4880	23.54	V	54	-30.46	Avg	1.25	135	
7320	45.49	V	74	-28.51	Peak	1.35	145	
7320	25.49	V	54	-28.51	Avg	1.35	145	
9760	50.82	V	74	-23.18	Peak	1.25	155	
9760	30.82	V	54	-23.18	Avg	1.25	155	
12200								No Emission Detected
12200								
14640								No Emission Detected
14640								
17080								No Emission Detected
17080								
19520								No Emission Detected
19520								
21960								No Emission Detected
21960								
24400								No Emission Detected
24400								

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/2013 and 07/12/2013  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)**  
**X-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2440	91.64	H	114	-22.36	Peak	1.25	155	
2440	71.64	H	94	-22.36	Avg	1.25	155	
4880	49.18	H	74	-24.82	Peak	1.25	165	
4880	29.18	H	54	-24.82	Avg	1.25	165	
7320	46.46	H	74	-27.54	Peak	1.35	175	
7320	26.46	H	54	-27.54	Avg	1.35	175	
9760	51.74	H	74	-22.26	Peak	1.25	185	
9760	31.74	H	54	-22.26	Avg	1.25	185	
12200								No Emission Detected
12200								
14640								No Emission Detected
14640								
17080								No Emission Detected
17080								
19520								No Emission Detected
19520								
21960								No Emission Detected
21960								
24400								No Emission Detected
24400								

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/2013 and 07/12/2013  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)**  
**Y-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2440	94.47	V	114	-19.53	Peak	1.25	155	
2440	74.47	V	94	-19.53	Avg	1.25	155	
4880	48.59	V	74	-25.41	Peak	1.25	145	
4880	28.59	V	54	-25.41	Avg	1.25	145	
7320	46.89	V	74	-27.11	Peak	1.35	155	
7320	26.89	V	54	-27.11	Avg	1.35	155	
9760	50.12	V	74	-23.88	Peak	1.25	175	
9760	30.12	V	54	-23.88	Avg	1.25	175	
12200								No Emission Detected
12200								
14640								No Emission Detected
14640								
17080								No Emission Detected
17080								
19520								No Emission Detected
19520								
21960								No Emission Detected
21960								
24400								No Emission Detected
24400								

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/2013 and 07/12/2013  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)  
Y-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2440	89.13	H	114	-24.87	Peak	1.25	225	
2440	69.13	H	94	-24.87	Avg	1.25	225	
4880	47.58	H	74	-26.42	Peak	1.35	235	
4880	27.58	H	54	-26.42	Avg	1.35	235	
7320	47.12	H	74	-26.88	Peak	1.25	225	
7320	27.12	H	54	-26.88	Avg	1.25	225	
9760	51.62	H	74	-22.38	Peak	1.35	235	
9760	31.62	H	54	-22.38	Avg	1.35	235	
12200								No Emission Detected
12200								
14640								No Emission Detected
14640								
17080								No Emission Detected
17080								
19520								No Emission Detected
19520								
21960								No Emission Detected
21960								
24400								No Emission Detected
24400								

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/2013 and 07/12/2013  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)  
Z-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2440	87.94	V	114	-26.06	Peak	1.25	155	
2440	67.94	V	94	-26.06	Avg	1.25	155	
4880	48.38	V	74	-25.62	Peak	1.25	165	
4880	28.38	V	54	-25.62	Avg	1.25	165	
7320	45.28	V	74	-28.72	Peak	1.35	185	
7320	25.28	V	54	-28.72	Avg	1.35	185	
9760	51.04	V	74	-22.96	Peak	1.25	195	
9760	31.04	V	54	-22.96	Avg	1.25	195	
12200								No Emission Detected
12200								
14640								No Emission Detected
14640								
17080								No Emission Detected
17080								
19520								No Emission Detected
19520								
21960								No Emission Detected
21960								
24400								No Emission Detected
24400								

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/2013 and 07/12/2013  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)  
Z-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2440	96.78	H	114	-17.22	Peak	1.25	155	
2440	76.78	H	94	-17.22	Avg	1.25	155	
4880	48.64	H	74	-25.36	Peak	1.25	165	
4880	28.64	H	54	-25.36	Avg	1.25	165	
7320	45.63	H	74	-28.37	Peak	1.35	175	
7320	25.63	H	54	-28.37	Avg	1.35	175	
9760	50.64	H	74	-23.36	Peak	1.25	185	
9760	30.64	H	54	-23.36	Avg	1.25	185	
12200								No Emission Detected
12200								
14640								No Emission Detected
14640								
17080								No Emission Detected
17080								
19520								No Emission Detected
19520								
21960								No Emission Detected
21960								
24400								No Emission Detected
24400								

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/2013 and 07/12/2013  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)**  
**X-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2480	84.25	V	114	-29.75	Peak	1.25	135	
2480	64.25	V	94	-29.75	Avg	1.25	135	
4960	43.37	V	74	-30.63	Peak	1.25	145	
4960	23.37	V	54	-30.63	Avg	1.25	145	
7440	46.91	V	74	-27.09	Peak	1.35	155	
7440	26.91	V	54	-27.09	Avg	1.35	155	
9920	50.86	V	74	-23.14	Peak	1.25	165	
9920	30.86	V	54	-23.14	Avg	1.25	165	
12400								No Emission Detected
12400								
14880								No Emission Detected
14880								
17360								No Emission Detected
17360								
19840								No Emission Detected
19840								
22320								No Emission Detected
22320								
24800								No Emission Detected
24800								

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/2013 and 07/12/2013  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)**  
**X-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2480	90.58	H	114	-23.42	Peak	1.25	155	
2480	70.58	H	94	-23.42	Avg	1.25	155	
4960	52.86	H	74	-21.14	Peak	1.25	165	
4960	32.86	H	54	-21.14	Avg	1.25	165	
7440	46.37	H	74	-27.63	Peak	1.35	175	
7440	26.37	H	54	-27.63	Avg	1.35	175	
9920	50.61	H	74	-23.39	Peak	1.25	185	
9920	30.61	H	54	-23.39	Avg	1.25	185	
12400								No Emission Detected
12400								No Emission Detected
14880								No Emission Detected
14880								No Emission Detected
17360								No Emission Detected
17360								No Emission Detected
19840								No Emission Detected
19840								No Emission Detected
22320								No Emission Detected
22320								No Emission Detected
24800								No Emission Detected
24800								No Emission Detected

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/2013 and 07/12/2013  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)**  
**Y-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2480	93.41	V	114	-20.59	Peak	1.25	135	
2480	73.41	V	94	-20.59	Avg	1.25	135	
4960	45.06	V	74	-28.94	Peak	1.25	155	
4960	25.06	V	54	-28.94	Avg	1.25	155	
7440	46.37	V	74	-27.63	Peak	1.55	165	
7440	26.37	V	54	-27.63	Avg	1.55	165	
9920	49.71	V	74	-24.29	Peak	1.25	175	
9920	29.71	V	54	-24.29	Avg	1.25	175	
12400								No Emission Detected
12400								
14880								No Emission Detected
14880								
17360								No Emission Detected
17360								
19840								No Emission Detected
19840								
22320								No Emission Detected
22320								
24800								No Emission Detected
24800								

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/2013 and 07/12/2013  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)**  
**Y-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2480	80.66	H	114	-33.34	Peak	1	135	
2480	60.66	H	94	-33.34	Avg	1	135	
4960	50.23	H	74	-23.77	Peak	1.25	165	
4960	30.23	H	54	-23.77	Avg	1.25	165	
7440	45.23	H	74	-28.77	Peak	1.65	175	
7440	25.23	H	54	-28.77	Avg	1.65	175	
9920	51.33	H	74	-22.67	Peak	1.25	185	
9920	31.33	H	54	-22.67	Avg	1.25	185	
12400								No Emission Detected
12400								
14880								No Emission Detected
14880								
17360								No Emission Detected
17360								
19840								No Emission Detected
19840								
22320								No Emission Detected
22320								
24800								No Emission Detected
24800								

**FCC 15.249**

Belwith Products, LLC

Keyfob

Model: SRK527

Date: 06/26/2013 and 07/12/2013

Lab: B

Tested By: Kyle Fujimoto

**250 kBit (Worst Case)**
**Z-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2480	86.75	V	114	-27.25	Peak	1.25	90	
2480	66.75	V	94	-27.25	Avg	1.25	90	
4960	50.15	V	74	-23.85	Peak	1.25	135	
4960	30.15	V	54	-23.85	Avg	1.25	135	
7440	45.84	V	74	-28.16	Peak	1.35	145	
7440	25.84	V	54	-28.16	Avg	1.35	145	
9920	49.13	V	74	-24.87	Peak	1.25	155	
9920	29.13	V	54	-24.87	Avg	1.25	155	
12400								No Emission Detected
12400								
14880								No Emission Detected
14880								
17360								No Emission Detected
17360								
19840								No Emission Detected
19840								
22320								No Emission Detected
22320								
24800								No Emission Detected
24800								

**FCC 15.249**

 Belwith Products, LLC  
 Keyfob  
 Model: SRK527

 Date: 06/26/2013 and 07/12/2013  
 Lab: B  
 Tested By: Kyle Fujimoto

**250 kBit (Worst Case)**  
**Z-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2480	92.41	H	114	-21.59	Peak	1	180	
2480	72.41	H	94	-21.59	Avg	1	180	
4960	50.07	H	74	-23.93	Peak	1.25	165	
4960	30.07	H	54	-23.93	Avg	1.25	165	
7440	46.57	H	74	-27.43	Peak	1.25	175	
7440	26.57	H	54	-27.43	Avg	1.25	175	
9920	51.84	H	74	-22.16	Peak	1.25	185	
9920	31.84	H	54	-22.16	Avg	1.25	185	
12400								No Emission Detected
12400								
14880								No Emission Detected
14880								
17360								No Emission Detected
17360								
19840								No Emission Detected
19840								
22320								No Emission Detected
22320								
24800								No Emission Detected
24800								



# **COMPATIBLE ELECTRONICS**

Report Number: B30712A1  
FCC Part 15 Subpart B and C,  
**Section 15.205, 15.209 and 15.249 Test Report**  
*Keyfob*  
**Model: SRK527**

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FCC 15.249

Belwith Products, LLC  
Keyfob  
Model: SRK527

Date: 07/12/2013  
Labs: A and B  
Tested By: Kyle Fujimoto

Non Harmonic Emissions from the Tx and Digital Portion 10 kHz to 25 GHz

**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**

***BAND EDGES***

***DATA SHEETS***

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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



# **COMPATIBLE ELECTRONICS**

Report Number: B30712A1  
FCC Part 15 Subpart B and C,  
**Section 15.205, 15.209 and 15.249 Test Report**  
*Keyfob*  
**Model: SRK527**

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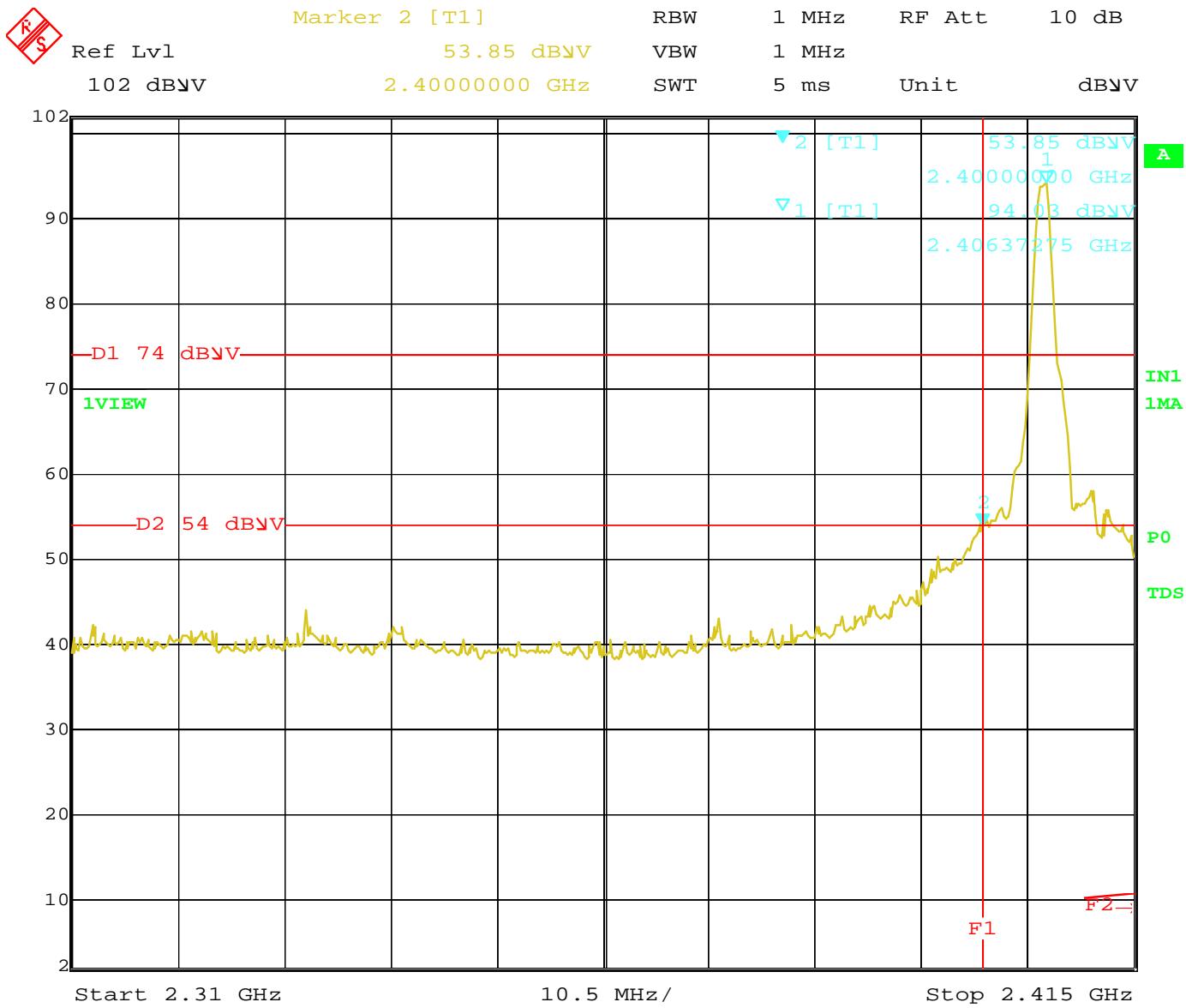
FCC 15.249

Belwith Products, LLC  
Keyfob  
Model: SRK527

Date: 06/26/2013  
Lab: B  
Tested By: Kyle Fujimoto

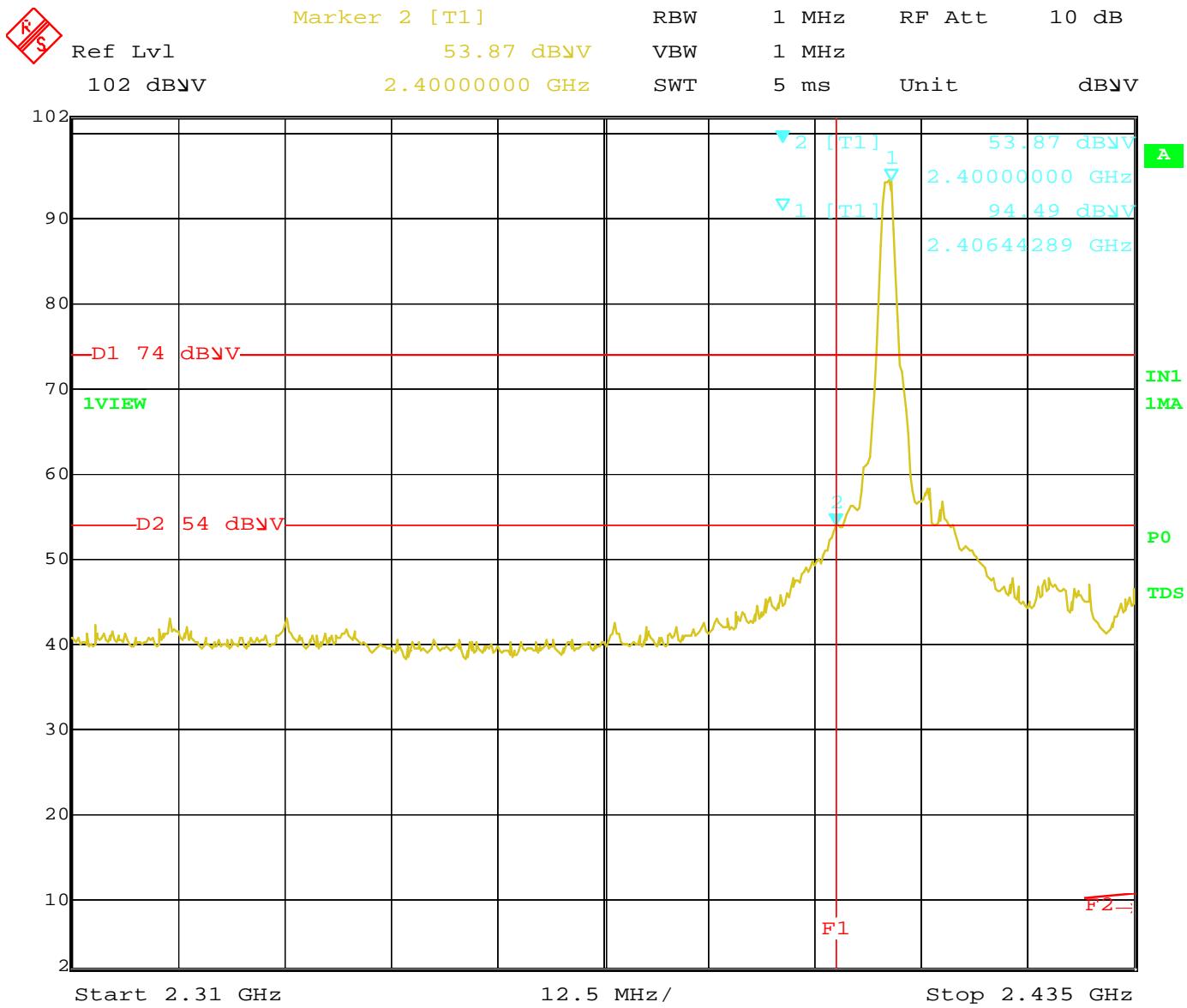
#### **2 MB / 2 MHz Bandwidth (Worst Case)**

### Band Edges



Date: 26.JUN.2013 14:19:37

Band Edge – Low Channel – Vertical Polarization – 2 MBit Mode (Worst Case)



Date: 26.JUN.2013 14:28:23

Band Edge – Low Channel – Horizontal Polarization – 2 MBit Mode (Worst Case)



# **COMPATIBLE ELECTRONICS**

Report Number: B30712A1  
FCC Part 15 Subpart B and C,  
**Section 15.205, 15.209 and 15.249 Test Report**  
*Keyfob*  
**Model: SRK527**

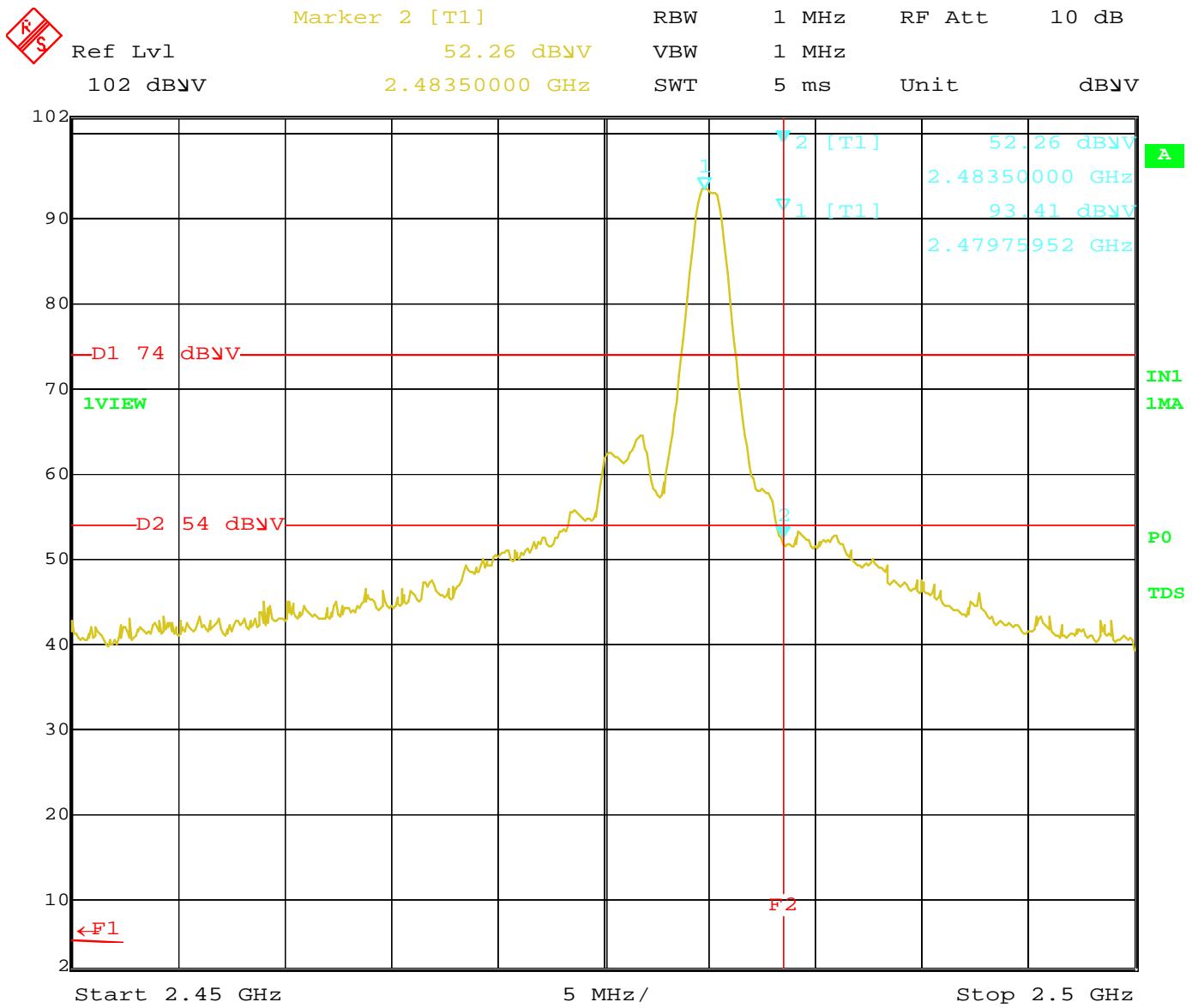
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FCC 15.249

Belwith Products, LLC  
Keyfob  
Model: SRK527

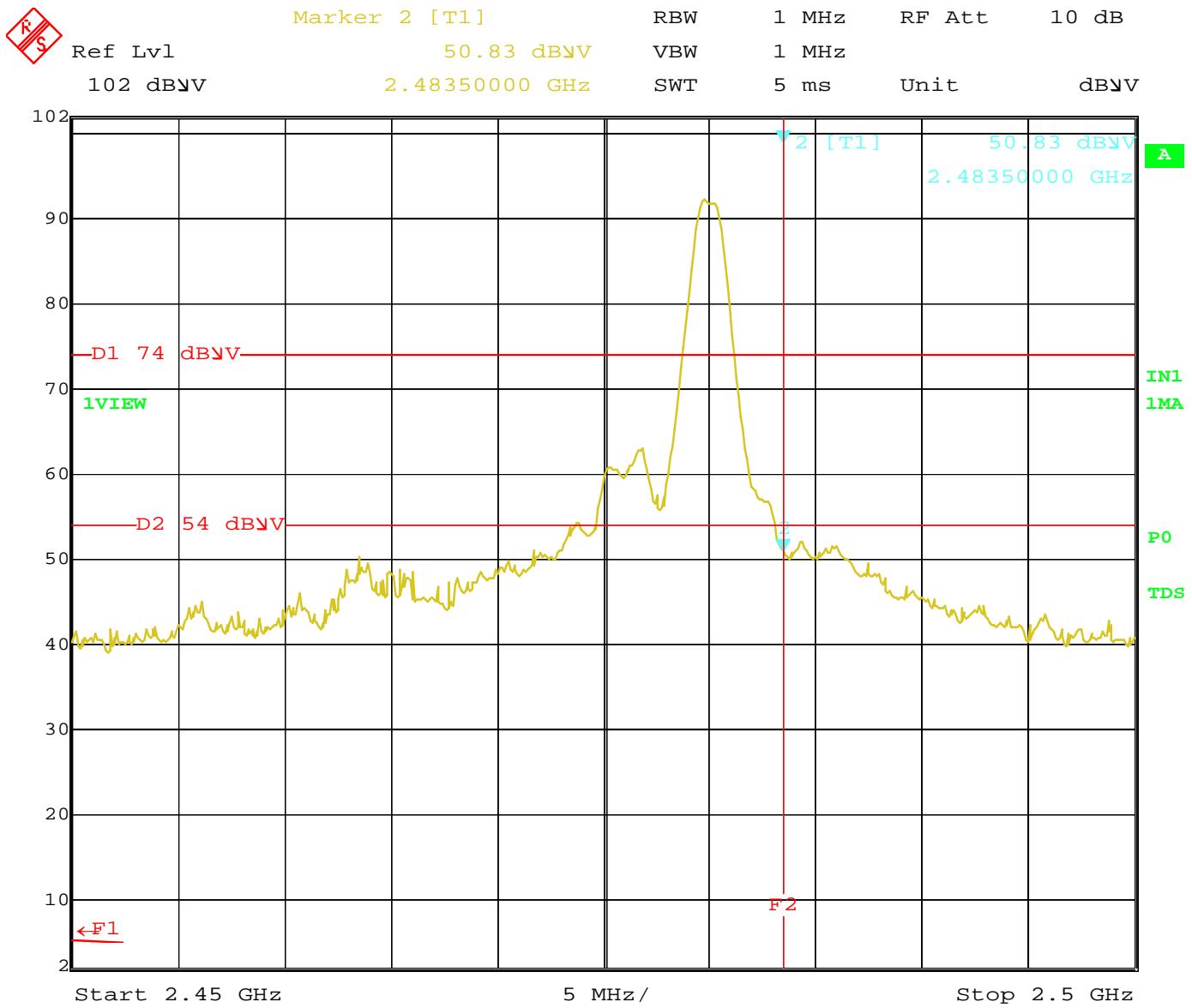
Date: 06/26/2013  
Lab: B  
Tested By: Kyle Fujimoto

### **2 MB / 2 MHz Bandwidth (Worst Case) Band Edges**



Date: 26.JUN.2013 14:02:46

Band Edge – High Channel – Vertical Polarization – 2 MBit Mode (Worst Case)



Date: 26.JUN.2013 13:54:07

Band Edge – High Channel – Horizontal Polarization – 2 MBit Mode (Worst Case)