



**RADIATED EMISSIONS CONT.**

TSSRF115011U (new) Normal Transmit Mode

<b>HONEYWELL SECURITY &amp; CUSTOM ELECTRONICS</b>						REV 07/23/2013-0			
<b>2 Corporate Center Drive</b>									
<b>Melville, NY 11747</b>			EXHIBIT 5-3	FCC ID: CFS8DL					
Date : 26-Sep 2013		Tested by: BARTO		Approved by: K. Eskildsen					
Test Sample (model): TSS KEYFOB									
Test method: ANSI C63.4 - 2003									
Test specification: FCC Part 15, Sub-part C and RSS 210 , Issue 8									
Notes:			(1) Fo: 344.94						
PRESCAN:			(2) Detector = Peak						
SENSE / UUT:	EL (cm):	AZ (deg):	Meter Reading (dB uV):	(3) Frequency range scanned to 4 GHz.					
V/V	167.0	250.0	57.81	(Emissions not reported were more than 20dB below the specified unit ).					
H/V	156.0	189.0	48.97	[(Meter reading + Cable/Amp factor + Antenna factor) / 20 ]]					
V/H	240.0	5.0	43.59	(4) Conv. Reading = 10					
H/H	104.0	76.0	57.00	(5) Corr. Reading = Conv. Reading X Duty Cycle					
V/O	127.0	273.0	57.66	(6) Six Highest Emissions Recorded					
H/O	0.0	188.0	55.25						

  

Freq. (MHz)	Sense Antenna Polarity (V/H)	THE ORIENTATION OF THE UUT (V,H,O):	Meter Reading (dB uV):	Cable/Amp Factor (dB)	Antenna Factor (dB/m):	Conv. Reading (uV/m):	Duty Cycle (%):	Corr. Reading (uV/m):	Limit @ 3M (uV/m):
344.94	V	V	57.81	2.5	14.90	5,761.0	10.0%	576.1	7,289
689.88	H	O	24.19	3.7	19.20	226.7	10.0%	22.7	729
1034.82	V	O	29.56	4.7	24.80	897.4	10.0%	89.7	500
1379.76	V	V	28.56	5.6	26.50	1,080.2	10.0%	108.0	500
1724.70	V	V	27.94	6.3	29.00	1,445.4	10.0%	144.5	729
2069.64	V	V	28.73	7.3	30.70	2,157.7	10.0%	215.8	729
2414.58	V	V	31.47	8.1	31.80	3,685.5	10.0%	368.6	729
2759.52	H	V	28.05	8.6	31.40	2,529.3	10.0%	252.9	500
3104.46	H	V	30.09	9.1	31.50	3,427.7	10.0%	342.8	729
3449.40	V	V	28.24	10.0	33.90	4,031.8	10.0%	403.2	729
4000				LAST CAL 15 MAR 13 CABLE 0	LAST CAL 08-JULY-13 BICON LOG S/N:00029390				

**RADIATED EMISSIONS CONT.**

**5834 (old) Encrypted Transmit Mode**

Note: Measurements were re-taken with a current production keyfob to account for any manufacturing changes to device components since the initial submittal.

Note: Duty Cycle is calculated in Exhibit 3.

<b>HONEYWELL SECURITY &amp; CUSTOM ELECTRONICS</b>			REV 07/23/2013-0
<b>2 Corporate Center Drive</b>			
<b>Melville, NY 11747</b>	<b>EXHIBIT 5-3</b>	<b>FCC ID: CFS8DL</b>	

Date :	4-Feb 2013	Tested by: Eduardo Sayers	Approved by: Mark Schmidt																																
Test Sample (model):	5824																																		
Test method:	ANSI C63.4 - 2003																																		
Test specification:	FCC Part 15, Sub-part C and RSS 210 , Issue 8																																		
Notes:	(1) Fo: 344.94	(2) Detector = Peak																																	
<table border="1"> <thead> <tr> <th colspan="4">PRESCAN:</th> </tr> <tr> <th>SENSE / UUT:</th> <th>EL (cm):</th> <th>AZ (deg):</th> <th>Meter Reading (dB uV):</th> </tr> </thead> <tbody> <tr> <td>V/V</td> <td>128.5</td> <td>358.0</td> <td>60.56</td> </tr> <tr> <td>H/V</td> <td>238.0</td> <td>360.0</td> <td>55.00</td> </tr> <tr> <td>V/H</td> <td>173.8</td> <td>360.0</td> <td>46.50</td> </tr> <tr> <td>H/H</td> <td>100.0</td> <td>289.2</td> <td>61.01</td> </tr> <tr> <td>V/O</td> <td>131.7</td> <td>100.8</td> <td>61.56</td> </tr> <tr> <td>H/O</td> <td>164.1</td> <td>360.0</td> <td>54.00</td> </tr> </tbody> </table>				PRESCAN:				SENSE / UUT:	EL (cm):	AZ (deg):	Meter Reading (dB uV):	V/V	128.5	358.0	60.56	H/V	238.0	360.0	55.00	V/H	173.8	360.0	46.50	H/H	100.0	289.2	61.01	V/O	131.7	100.8	61.56	H/O	164.1	360.0	54.00
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344.94	V	O	61.56	2.5	14.90	8,871.6	14.3%	1266.9	7,289
689.88	V	O	22.66	3.7	20.10	210.9	14.3%	30.1	729
1034.82	V	O	29.86	4.7	24.80	928.4	14.3%	132.6	500
1379.76	V	O	25.51	5.6	26.50	760.7	14.3%	108.6	500
1724.70	V	O	29.75	6.3	29.00	1,779.3	14.3%	254.1	729
2069.64	V	O	25.41	7.3	30.70	1,472.8	14.3%	210.3	729
2414.58	V	O	25.12	8.1	31.80	1,774.6	14.3%	253.4	729
2759.52	V	O	24.74	8.6	31.80	1,810.1	14.3%	258.5	500
3104.46	V	O	22.86	9.1	32.10	1,597.7	14.3%	228.2	729
3449.40	V	O	29.56	10.0	33.90	4,691.9	14.3%	670.0	729
4000				LAST CAL 15 MAR 13 CABLE D	LAST CAL 08-JULY-13 BICONILOG S/N:00029390				

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2759.52	H	V	28.05	8.6	31.40	2,529.3	14.3%	361.2	500
3104.46	H	V	30.09	9.1	31.50	3,427.7	14.3%	489.5	729
3449.40	V	V	28.24	10.0	33.90	4,031.8	14.3%	575.7	729
4000				LAST CAL 15 MAR 13 CABLE D	LAST CAL 08-JULY-13 BICONILOG S/N:00029390				