

HONEYWELL SECURITY & CUSTOM ELECTRONICS
2 Corporate Center Drive
Melville, NY 11747

EXHIBIT 5-3

REV L JULY 10
 EXHIBIT 5-3A B Z-WAVE POWER
 FCC ID: CFS8DLVAM
 IC: 573F-VAM

Per §15.249 (a) Operation within the bands 902-928 MHz, 2400-2483.5 MHz, 5725-5875 MHz, and 24.0-24.25 GHz

(a) Except as provided in paragraph (b) of this section, the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Fundamental frequency	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)
902-908 MHz	50	500
2480 - 2483.5 MHz	50	500
5725-5875 MHz	50	500
24.0-24.5 GHz	250	2500

TEST NAME: RADIATED EMISSIONS

The VAM contains an Z-Wave transmitter (intentional radiator). To verify that the level of radiation was not significant, the device underwent radiated emissions.

With the transmitter in the ON state, emissions were checked at the fundamental frequency and the harmonics.

HONEYWELL SECURITY & CUSTOM ELECTRONICS

REV L JULY 10

Location: 2 Corporate Center Drive, Melville, NY 11747

FCC ID: CFS8DLVAM

Date 01/13/2014

Tested By: John Bartolotti

Approved By: John Uss

Test Sample (model): VAM

Test Method: ANSI C63.4 - 2004

Teset specification: FCC Part 15, Sub Part C and RSS 210, Issue 8

Notes:

1. F0 = 908.45 MHz
2. Detector = Peak
3. Frequency range scanned to 10 GHz
4. Converted Reading = $10 * [(\text{Meter reading} + \text{Cable/Amp factor} + \text{Antenna factor}) / 20]$
5. Corrected Reading = Converted Reading * Duty Cycle
6. Six Highest Emissions Recorded

Antenna	Freq. (MHz):	Sense Antenna Polarity (V/H):	Meter Reading (dB uV):	Cable Loss & Amp Factor (dB):	Antenna Factor (dB/m):	Conv. Reading (uV/M):	Duty Cycle (%):	Corr. Reading (uV/M):	Limit @ 3M (uV/M):
				CAL'D BEFORE USE	BICONOLOG				
Biconolog	908.45	H	67.69	3.80	21.63	NO LNA	100.0%	45.3	50 mV/M
	1,816.80	H	45.93	-27.58	28.44	218.5	100.0%	218.5	500 uV/M
	2,725.20	H	36.15	-26.34	32.04	123.7	100.0%	123.7	500 uV/M
	3,633.60	H	33.42	-25.21	31.94	101.7	100.0%	101.7	500 uV/M
Horn	4,542.00	H	30.31	-26.39	31.14	56.6	100.0%	56.6	500 uV/M
	5,450.40	H	29.82	-25.21	33.22	77.9	100.0%	77.9	500 uV/M
	6,358.80	H	30.79	-23.94	34.26	113.6	100.0%	113.6	500 uV/M
	7,267.20	H	31.27	-22.99	35.84	160.7	100.0%	160.7	500 uV/M
	8,175.60	H	29.42	-22.31	36.68	154.7	100.0%	154.7	500 uV/M
	9,084.50	H	31.10	-22.14	36.91	196.6	100.0%	196.6	500 uV/M
				BEFORE USE	HORN				