

# RF Exposure Report

**Project Number:** 4158282

**Report Number:** 4158282EMC03

**Revision Level:** 0

**Client:** Vinylux, Inc.

**Equipment Under Test:** Vintage Vinyl Bluetooth Speaker

**Model:** VVBS1

**FCC ID:** 2AL98VVBS1

**Applicable Standards:** 47 C.F.R. §§ 2.1091 and 2.1093; FCC KDB 447498

**FCC OET Bulletin 65 Supplement**

**Remarks:**

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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## 1 General Information

### 1.1 Client Information

Name: Vinylux, Inc.  
Address: 104 E Moreland Ave  
City, State, Zip, Country: Philadelphia, PA 19118, USA

### 1.2 Test Laboratory

Name: SGS North America, Inc.  
Address: 620 Old Peachtree Road NW, Suite 100  
City, State, Zip, Country: Suwanee, GA 30024, USA

Accrediting Body: A2LA  
Type of lab: Testing Laboratory  
Certificate Number: 3212.01

### 1.3 General Information of EUT

Type of Product: Vintage Vinyl Bluetooth Speaker  
Model Number: VVBS1  
Serial Number: Not labeled

Frequency Range: 2402 to 2480 MHz, 79 Channels

Antenna: PCB Trace

Rated Voltage: 19.0 Vdc (Speaker)  
100-240Vac, 50/60Hz (AC/DC Adapter)

Test Voltage: 19.0 Vdc (Speaker)  
120Vac, 60Hz (AC/DC Adapter)

Sample Received Date: 06 June 2017  
Dates of testing: 08 – 14 June 2017

### 1.4 Operating Modes and Conditions

For this assessment, the EUT's maximum measured radiated power was considered.

## 2 RF Exposure

### 2.1 Test Result

Test Description	Product Specific Standard	Test Result
RF Exposure	FCC Part 1.1310	Compliant

### 2.2 Test Method

Using the maximum measured radiated power, the power density was calculated.

### 2.3 Single transmission RF Exposure Levels

Band of Operation		Conducted Power w/tolerance dBm	Antenna Gain	Cable Loss	Average EIRP		Distance (R) cm	Power Density $EIRP_{avg}/(4\pi R^2)$ mW/cm <sup>2</sup>	FCC mW/cm <sup>2</sup>	% of Limit	Verdict
Type	MHz				dBm	mW					
Bluetooth	2400-2483.5	-7.8	0.0	0.0	-7.8	0	1	0.013	1.00	1%	Pass

Due to the very low output power, 1cm was used as a worst-case exposure distance.