

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

Type	Band of Operation MHz	Conducted Power w/tolerance dBm	Antenna Gain	Cable Loss	Average EIRP		Distance (R) cm	Power Density EIRP _{Avg} (4πR ²) mW/cm ²	FCC mW/cm ²	% of Limit	Verdict
					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.