

RF Exposure Report

Project Number: 4875564**Offer Number:** 01212022NG-1.3**Report Number:** 4875564EMC05**Report Revision:** 0**Client:** OnPoint Systems, LLC**Equipment Under Test:** GPS Dog Training Collar**Model:** SOF-200**FCC ID:** 2APPWSOF200**Contains FCC ID:** XMR201912BG77**Applicable Standards:** 47 C.F.R. §§ 2.1091 (Mobile)**FCC KDB 447498 D01 General RF Exposure Guidance v06**

FOR THE SCOPE OF ACCREDITATION UNDER CERTIFICATE NUMBER: 3212.01

Report must not be used by the client to claim product certification, approval, or endorsement by A2LA, NIST, or any agency of the Federal Government.

Prepared by:

A handwritten signature in black ink that reads 'Brandon E. Osborn'. Below the signature, the text 'Brandon Osborn, EMC/RF Project Engineer' is printed in a smaller font.

Reviewed by:

A handwritten signature in blue ink that reads 'Stephen Whalen'. Below the signature, the text 'Stephen Whalen, EMC/SAR Manager' is printed in a smaller font.

Remarks: This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. And for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/terms-e-document.aspx>.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for a maximum of 30 days only.

TABLE OF CONTENTS

1	GENERAL INFORMATION	3
1.1	CLIENT INFORMATION	3
1.2	TEST LABORATORY	3
1.3	GENERAL INFORMATION OF EUT	3
1.4	SEPARATION DISTANCE.....	3
2	RF EXPOSURE	4
2.1	TEST RESULT.....	4
2.2	TEST METHOD	4
2.3	SINGLE TRANSMISSION RF EXPOSURE LEVELS (MW/CM ²)	4
3	REVISION HISTORY	5

1 General Information

1.1 Client Information

Name: OnPoint Systems, LLC
Address: 7 Perimeter Rd
City, State, Zip, Country: Manchester, NH, 03103, 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: GPS Dog Training Collar
Model Number: SOF200
Serial Number: 1071

Frequency Range: 699-1910MHz (LTE)
2402-2480MHz (BLE)
Max Conducted Output Power: Bluetooth LE 4.6 dBm
LTE Category 5: 22.0 dBm*
Antenna Gain: BLE – 0.5 dBi (Ceramic)
LTE – 3.5-3.8 dBi (External Patch)

Sample Received Date: 28 January 2022

Dates of testing: 31 January 2022

**Data was not measured by SGS laboratory and therefore not responsible for accuracy. Data obtained via customer, specification sheet, previous regulatory filing or other.*

1.4 Separation Distance

The closest exposure distance occurs when a user sits in front of the device directly above the antenna. Estimated closest distance to the device is 20cm.

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 power (including tune-up tolerances), the power density was calculated. Maximum antenna gain was assumed for this exercise.

2.3 Single transmission RF Exposure Levels (mW/cm²)

FCC											
Band of Operation		Conducted Power w/tolerance	Antenna Gain	Cable Loss	Average EIRP		Distance (R)	Power Density EIRP _{Avg} /(4πR ²)	FCC	% of Limit	Verdict
Type	MHz	dBm			dBm	mW	cm	mW/cm ²	mW/cm ²		
LTE Band 2	1850-1910	22.0	3.8	0.0	25.8	380	20	0.076	1.00	8%	Pass
LTE Band 4	1710-1755	22.0	3.8	0.0	25.8	380	20	0.076	1.00	8%	Pass
LTE Band 5	824-849	22.0	3.5	0.0	25.5	355	20	0.071	0.55	13%	Pass
Bluetooth	2400-2483.5	6.0	0.5	0.0	6.5	4	20	0.001	1.00	0%	Pass
LTE Band 12	699-716	22.0	3.5	0.0	25.5	355	20	0.071	0.47	15%	Pass
LTE Band 13	777-787	22.0	3.5	0	25.5	355	20	0.071	0.52	14%	Pass

Note: Bluetooth initiates LTE and therefore will not be on simultaneously.

3 Revision History

Revision Level	Description of changes	Revision Date
0	Initial Release	1 April 2022