FCC Part 1 Subpart I
FCC Part 2 Subpart J

RF EXPOSURE REPORT

FOR

WPT Client Device

MODEL NUMBER: Tracker Rx

FCC ID: 2AS57OSSIACOTARX202

REPORT NUMBER: 12940069-S1V2

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Prepared for
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NVLAP LAB CODE 200065-0

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	8/22/2019	Original issue	
V2	8/23/2019	Updated IEEE 802.15.4 output power	Dave Weaver

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: Ossia Inc.
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USA

DUT DESCRIPTION: WPT Client Device

MODEL: Tracker Rx

SERIAL NUMBER: N/A

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
FCC PART 1 SUBPART I & PART 2 SUBPART J	Pass

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document.

Approved & Released For
UL Verification Services Inc. By:

Dave Weaver
Operations Leader
UL Verification Services Inc.

2. TEST METHODOLOGY

All calculations were made in accordance with FCC KDB 447498 D01 v06.

3. REFERENCES

Output power is excerpted from the applicable test reports or client declarations.

4. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 and 47266 Benicia Street, Fremont, California, USA

UL Verification Services Inc. is accredited by NVLAP, Laboratory Code 200065-0.

5. DEVICE UNDER TEST

5.1. Description

The Tracker Rx is a WPT client device that converts RF power into DC to charge an internal battery.

5.2. Wireless Technologies and Output Power

Wireless technologies	Frequency bands	Maximum Output Power
IEEE 802.15.4	2.45 GHz	-6 dBm
CW	2.45 GHz	9 dBm

6. STANDALONE SAR TEST EXCLUSION CONSIDERATIONS

From KDB 447498, for transmission frequencies 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g SAR test exclusion thresholds are determined by the following:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 where:

- f(GHz) is the RF channel transmit frequency in GHz;
- Power and distance are rounded to the nearest mW and mm before calculation;
- For a separation distance of less than 5mm, 5mm is used.

The result is rounded to one decimal place for comparison with the 3.0 threshold.
The table below shows that at the maximum power for all bands and technologies, after accounting for source-based and operational duty cycles, and for a separation distance of 5mm or less, SAR test exclusion applies.

The device was assessed against the 1g SAR limits.

RF Air interface	RF Exposure Conditions	Frequency (GHz)	Max. tune-up tolerance (mW)	Min. test separation distance (mm)	SAR test exclusion Result*
IEEE 802.15.4	Body-worn	2.45	0	5	0.0
CW	Body-worn	2.45	8	5	2.5

Conclusion:

*: The computed value is ≤ 3; therefore, this qualifies for SAR test exclusion.

7. SIMULTANEOUS TRANSMISSION SAR ANALYSIS

Simultaneous transmission is not supported.

END OF REPORT