

RF Exposure Report

Project Number: 4274013

Report Number: 4274013EMC03

Revision Level: 0

Client: Integrated M2M Technologies LLC

Equipment Under Test: iLocate GPS AutoTracker

Model: AT850218

Applicable Standards: 47 C.F.R. §§ 2.1091 and 2.1093; FCC KDB 447498
FCC OET Bulletin 65 Supplement

Report issued on: 22 May 2018

Test Result: Compliant

Reported by:

A handwritten signature in blue ink that reads 'Martin Taylor'.

Martin Taylor, Project Engineer

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: Integrated M2M Technologies LLC
Address: 3773 Howard Hughes Pwky, Suite 500S
City, State, Zip, Country: Las Vegas, NV 89169, 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: iLocate GPS AutoTracker
Model Number: AT850218

FCC Classification: DTS, PCB
Type: Pre-Production

Sample Received Date: 16 February 2018 (LTE samples)
19 March 2018 (BLE samples)

1.4 Operating Modes and Conditions

For this assessment, the EUT's maximum conducted measured powers were 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 conducted measured powers, the power density was calculated. Maximum antenna gain was assumed for this exercise.

2.3 Single Transmission RF Exposure Levels

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 4	1710-1755	25.0	3.8	0.0	28.8	759	20	0.151	1.00	15%	Pass
LTE Band 13	777-787	25.0	0.2	0.0	25.2	331	20	0.066	0.52	13%	Pass
Bluetooth	2400-2483.5	4.0	1.2	0.0	5.2	3	20	0.001	1.00	0%	Pass

2.4 Simultaneous Transmission RF Exposure Levels

Simultaneous Transmissions - Percent of Limit

	Bluetooth
LTE Band 4	15%
LTE Band 13	13%

3 Revision History

Revision Level	Description of changes	Revision Date
0	Initial release	22 May 2018