

EaseAlert, LLC / E01

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# RF Exposure Report

Project Number: 4866869 Proposal: SUW-202201002154

Report Number: 4866869EMC06 Revision Level: 0

Client: EaseAlert, LLC

**Equipment Under Test: 2.4GHz Transceiver Module** 

Model Number: E01

FCC ID: 2A4C4-E01

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

**FCC OET Bulletin 65 Supplement** 

Report issued on: 02 March 2022

Test Result: Compliant



FOR THE SCOPE OF ACCREDITATION UNDER CERTIFICATE NUMBER: 3212.01
This 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.

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### 1 General Information

#### 1.1 Client Information

Name: EaseAlert, LLC

Address: 1903 Sunrise Dr

City, State, Zip, Country: Fernandina Beach, FL 32034, 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

Product Description: 2.4GHz Transceiver Module

Model Number: E01

Serial Numbers: W121141S02723, W121141S06950, W121141S06659

Frequency Range: 2402 – 2480 MHz

Data Modes: GFSK – 250kbps

Antenna: External Dipole, 5dBi

Rated Voltage: 2.5 – 3.3Vdc

Test Voltage: 2.8Vdc

Sample Received Date: 07 January 2022

Dates of testing: 26–27 January 2022

### 1.4 Operating Modes and Conditions

For this assessment, the EUT's maximum measured peak conducted power from the original certification was considered.

SGS North America Inc.

Connectivity & Products

620 Old Peachtree Road NW, Suite 100, Suwanee, GA 30024

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### 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 peak conducted power, 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	Averag	je EIRP	Distance (R)	Power Density EIRP <sub>Avg</sub> /(4πR²)	FCC	% of Limit	Verdict
Type	MHz	dBm			dBm	mW	cm	mW/cm²	mW/cm²		
Bluetooth	2400-2483.5	9.8	5.0	0.0	14.8	30	20	0.006	1.00	1%	Pass

SGS North America Inc.



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## 3 Revision History

Revision Level	Description of changes	Revision Date
0	Initial release	29 March 2022