
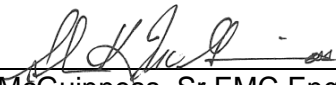


RF Exposure Report

Project Number: 4866869**Proposal:** SUW-202201002154**Report Number:** 4866869EMC03**Revision Level:** 0**Client:** EaseAlert, LLC**Equipment Under Test:** Wearable Alert**Model Number:** EaseAlert**FCC ID:** 2A4C4-EASEALERT**Applicable Standards:** 47 CFR §§ 2.1093;**FCC KDB 447498 D01 General RF Exposure Guidance v06****Report issued on:** 02 March 2022**Result:** Exempt

FOR THE SCOPE OF ACCREDITATION UNDER CERTIFICATE NUMBER: 3212.01

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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
Designation Number: US1126
ISED Registration: 9984A
CAB Identifier: US0186

1.3 General Information of EUT

Product Description: Wearable Alert
Model Number: EaseAlert
Serial Number: W1209996S04446

Frequency Range: 2402 – 2480 MHz
Data Modes: GFSK – 250kbps
Antenna: PCB Trace, 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

Maximum Conducted Power levels were utilized for all calculations.

2 SAR Exclusion Calculations

447498 D01 General RF Exposure Guidance v06

SAR test exclusion calculations

Section 4.3: General SAR test exclusion guidance / Section 4.3.1: Standalone SAR test exclusion considerations

	Input	Select Units
Max Power:	3.5	mW
Duty Cycle:	4.0%	
Min separation distance:	1	mm
Frequency, f:	2480	MHz

<= Source based time average duty cycle

Value reference Number	Values used for Calculation	Reference number definition
v1	0.1 mW	[max. power of channel, including tune-up tolerance, mW]
v2	1 mm	[min. test separation distance, mm] 'Rounded to nearest mm
v3	1.575	[$\sqrt{f(\text{GHz})}$]

- a) For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$$\frac{[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}]}{\leq 3.0 \text{ for 1-g SAR, and } \leq 7.5 \text{ for 10-g extremity SAR,}}$$

Exclusion Calculation(1g):	0.2205	number	<= [v2 / v3] must be less than 3
Exclusion Calculation(10g):	0.2205	number	<= [v2 / v3] must be less than 7.5

Conclusions (Body):	The EUT max power is BELOW the threshold. SAR Testing is NOT required for Body applications
Conclusions (Extremity):	The EUT max power is BELOW the threshold. SAR Testing is NOT required for Extremity applications

3 Revision History

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