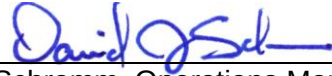


# RF Exposure Report

**Project Number:** 4844711**Proposal:** SUW-202108001896**Report Number:** 4844711EMC03**Revision Level:** 0**Client:** Landis+Gyr Technology, Inc.**Equipment Under Test:** 900MHz Radio Module**Model Number:** M255**FCC ID:** R7PEC6R1X2**Applicable Standards:** 47 C.F.R. §§ 2.1091 and 2.1093; FCC KDB 447498**FCC OET Bulletin 65 Supplement****Report issued on:** 30 November 2021**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.

**Prepared by:**  
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David Schramm, Operations Manager

*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: Landis+Gyr Technology, Inc.  
Address: 30000 Mill Creek Avenue, Suite 100  
City, State, Zip, Country: Alpharetta, GA 30022, 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: 900 MHz Radio Module  
Model Number: M255  
Serial Numbers: Mesh NB/WB: M225Y292100122P25001  
Mesh IP / WiSUN: M255Y292100075P04003

Antenna: Bent Metal Inverted F – 0dBi  
Modes of Operation: 902-928MHz, (9.6/10/19.2/20/38.4/50/115.2/150/200kbps FSK/GFSK)

Sample Received Date: 19 October 2021  
Dates of testing: 26 October – 01 November 2021

### 1.4 Operating Modes and Conditions

For this assessment, the EUT's maximum measured peak conducted power was 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 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<br>w/tolerance<br>dBm | Antenna Gain | Cable Loss | Average EIRP |     | Distance (R)<br>cm | Power Density<br>EIRP <sub>avg</sub> /(4πR <sup>2</sup> )<br>mW/cm <sup>2</sup> | FCC<br>mW/cm <sup>2</sup> | % of Limit | Verdict |
|-------------------|---------|---------------------------------------|--------------|------------|--------------|-----|--------------------|---------------------------------------------------------------------------------|---------------------------|------------|---------|
| Type              | MHz     |                                       |              |            | dBm          | mW  |                    |                                                                                 |                           |            |         |
| Sub GHz           | 902-928 | 27.9                                  | 0.0          | 0.0        | 27.9         | 617 | 20                 | 0.123                                                                           | 0.60                      | 20%        | Pass    |

### 3 Revision History

| Revision Level | Description of changes | Revision Date    |
|----------------|------------------------|------------------|
| 0              | Initial release        | 30 November 2021 |
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