



Compliance Testing, LLC

Previously Flom Test Lab

EMI, EMC, RF Testing Experts Since 1963

toll-free: (866) 311-3268

fax: (480) 926-3598

<http://www.ComplianceTesting.com>

info@ComplianceTesting.com

Test Report

Prepared for: CalAmp

Model: LMU30G60BL

Description:

The LMU-3050 is a full-featured tracking unit with, OBD-II interface, backup battery, and a 3-axis accelerometer.

These features enable the LMU-3050 to access vehicle diagnostic interface data, track vehicle speed and location, plus detect hard braking, cornering, acceleration, crash detection and capture pre and post-impact data.

Serial Number: 359316074408946

FCC ID: APV-3050GBL

To

FCC Part 1.1310

Date of Issue: June 19, 2017

On the behalf of the applicant:

CalAmp
2177 Salk Avenue
Suite 200
Carlsbad, CA 92008

Attention of:

Imad Rizk, Compliance Manager
Ph: (626)353-5140
Email: irizk@calamp.com

Prepared By
Compliance Testing, LLC
1724 S. Nevada Way
Mesa, AZ 85204
(480) 926-3100 phone / (480) 926-3598 fax
www.compliancetesting.com
Project No: p1640020

Kenneth Lee
Project Test Engineer

This report may not be reproduced, except in full, without written permission from Compliance Testing
All results contained herein relate only to the sample tested



Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	June 12, 2017	Kenneth Lee	Original Document

ILAC / A2LA

Compliance Testing, LLC, has been accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer joint ISO-ILAC-IAF Communiqué dated January 2009)

The tests results contained within this test report all fall within our scope of accreditation, unless below

Please refer to <http://www.compliancetesting.com/labscope.html> for current scope of accreditation.

Testing Certificate Number: **2152.01**



FCC Site Reg. #349717

IC Site Reg. #2044A-2

Non-accredited tests contained in this report:

N/A

EUT Description

Model: LMU30G60BL

Description: The LMU-3050 is a full-featured tracking unit with, OBD-II interface, backup battery, and a 3-axis accelerometer. These features enable the LMU-3050 to access vehicle diagnostic interface data, track vehicle speed and location, plus detect hard braking, cornering, acceleration, crash detection and capture pre and post-impact data.

Firmware: Device Firmware 195-5.0j / BLE Firmware BLE-SPP-10e

Software: N/A

Serial Number: 359316074408946

Additional Information: None



SAR Exclusion

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR,²⁵ where

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation²⁶
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

The test exclusions are applicable only when the minimum *test separation distance* is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum *test separation distance* is < 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

Max Power in mW = 0.0036 mW

Min. Test Separation Distance = 5 mm

Frequency of Operation in GHz = 2.402

$$\frac{0.0036 \text{ mW}}{5 \text{ mm}} \times [\sqrt{f(2.402)}] = 0.00111$$

END OF TEST REPORT