



Compliance Testing, LLC

Previously Flom Test Lab

EMI, EMC, RF Testing Experts Since 1963

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Test Report

Prepared for: Spot, LLC

Model: STX3

Description: Transmitter, Modular Satellite

FCC ID: L2V-STX3

To

FCC Part 1.1310

Date of Issue: July 9, 2013

On the behalf of the applicant:

Spot, LLC
300 Holiday Square Blvd.
Covington, LA 70433

Attention of:

Ronnie Tanner, Principal Engineer
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Prepared By
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Project No: p1320003

John Erhard
Project Test Engineer

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Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	July 9, 2013	John Erhard	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 noted below.

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

Testing Certificate Number: **2152.01**



FCC OATS Reg, #933597

IC Reg. #2044A-1

Non-accredited tests contained in this report:

N/A



This is a portable device as it is a hand-held satellite transmitter with the SAR exclusion from KDB 447498 Appendix A being applied.

Duty Cycle Calculation

Maximum on time = 1.44 Second
Minimum time between transmissions = 150 Seconds
Duty Cycle = 0.96%

(On time / Time between transmissions) *100 = Duty Cycle

$(1.44 / 150) * 100 = 0.96\%$

Source Based Time Average Power Calculation

EIRP = 192 mW
Duty Cycle = 0.96%
Source based time averaged power = 1.84 mW

EIRP / Duty Cycle = Source based time averaged power

$192 \text{ mW} * 0.96\% = 1.84$

Exclusion Information

Antenna separation distance = 20 mm
Exclusion limit at 15 mm = 37 mW

PER the exclusion requirement of KDB 447498 a SAR measurement is not necessary.

END OF TEST REPORT