Compliance Testing, LLC
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EMI, EMC, RF Testing Experts Since 1963

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Test Report

Prepared for: Solid Technologies

Model: EXPRESS Public Safety

Description: Booster System

SC-MRU700PS800PS – 700/800 MHz Amplifier

To

FCC Part 1.1310

Date of Issue: April 30, 2014

On the behalf of the applicant:	**Solid Technologies** **4332 E Siesta Lane** **Phoenix, AZ 85050**
Attention of:	**Gregory Glenn** **Ph: (408) 649-4803** **E-Mail: greg.glenn@solid.com**

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Project No: p13a0005

Mike Graffeo
Project Test Engineer

Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	April 30, 2014	Mike Graffeo	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

Description:
Worse case composite **1Watt**: if all both amplifiers are simultaneously transmitting within the single enclosure (1000mW). Minimum Safe Distance is based off the highest antenna gain of 14.45 and the strictest limit of 2.555mW/cm^2

Minimum Safe Distance Calculations	Formula = $R=((PG)/(4*PI*S))^{0.5}$
	=((1000*14.45)/(4*PI*2.555))^0.5
	Minimum Safe Distance (R) = 21.22 cm

END OF TEST REPORT