

 Celltech Testing and Engineering Services Ltd	Date(s) of Evaluation n/a	Test Report Serial No. 011516WD-S	Test Report Revision No. Rev. 1.1	 Test Lab Certificate No. 2470.01
	Test Report Issue Date January 15, 2016	Description of Test(s) Specific Absorption Rate	RF Exposure Category Occupational (Controlled)	

DECLARATION OF COMPLIANCE

SAR RF EXPOSURE EVALUATION - FCC / IC Class II Permissive Change

TEST LAB INFORMATION	Name	Celltech Labs Inc.					
	Address	21-364 Lougheed Road, Kelowna, B.C. V1X 7R8 Canada					
TEST LAB ACCREDITATION	Type	ISO / IEC 17025	Accreditation	A2LA Test Lab Certificate No. 2470.01			
APPLICANT INFORMATION	Name	HARRIS CORPORATION					
	Address	221 Jefferson Ridge Parkway, Lynchburg, VA 24501 U.S.A.					
STANDARDS APPLIED	FCC	47 CFR §2.1093		IC			
PROCEDURES APPLIED	FCC	KDB 447498 D01v05r02, KDB 865664 D01v01r03		IC			
		KDB 865664 D02v01r01, KDB 643646 D01v01r01		IEEE			
PROCEDURES APPLIED	FCC	Licensed Non-Broadcast Transmitter Held to Face (TNF) - FCC Part 90					
	IC	Land Mobile Radio Transmitter/Receiver (27.41-960 MHz) - RSS-119					
DEVICE DESCRIPTION	Portable Digital Push-To-Talk (PTT) Radio Transceiver						
APPLICATION TYPE	Class II Permissive Change - Addition of Low Energy BT (BLE)						
DATE(S) OF EVALUATION	15-Jan-16		SAMPLES RECEIVED	n/a			

Device(s) Evaluated

FCC ID	IC Certification	Device Model	Device Part Number	Device Type	Band	Operating Frequency	Rated Output Power
OWDTR-0133E	3636B-0133	XL-200P	n/a	Sys	BLE	2402-2480MHz	6.9mW
Accessories Tested							
n/a							
Maximum SAR Level Evaluated							
FCC	Face	n/a	W/kg	1g	50% PTT	Occupational / Controlled	
	Body	n/a					
IC	Face	n/a					
	Body	n/a					
FCC / IC Spatial Peak SAR Limit	Face/Body	8.0					

Statement of Compliance

Celltech Labs Inc. declares under its sole responsibility that this device has demonstrated compliance with the Specific Absorption Rate (SAR) RF exposure limits specified in FCC 47 CFR §2.1093 and Health Canada Safety Code 6 for the Occupational/Controlled Exposure environment. The device was tested in accordance with the measurement procedures specified in FCC KDB 865664 D01v01r03, Industry Canada RSS-102 Issue 5 and IEEE Standard 1528-2013.

The results and statements contained in this report pertain only to the device(s) indicated.

I attest to the accuracy of data. All measurements were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

Test Report Approved By:		Art Voss	Senior Engineer	15 January 2016	Celltech Labs Inc
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Applicant:	Harris Corporation	Class II Permissive Change	
DUT Type:	XL-200P Multi-Band Portable PTT Transceiver		
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	Page 1 of 4		

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TABLE OF CONTENTS

1.0 DOCUMENT CONTROL	3
2.0 TEST EXCLUSION SUMMARY	4

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2015 Celltech Labs Inc.	This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.		Page 2 of 4

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1.0 DOCUMENT CONTROL

REVISION HISTORY

REVISION NO.	DESCRIPTION	IMPLEMENTED BY	RELEASE DATE
1.0	1st Release	Art Voss	15 January 2016
1.1	2nd Release – added comments regarding simultaneous transmission	Art Voss	26 January 2016

TEST REPORT SIGN-OFF

DEVICE TESTED BY	REPORT PREPARED BY	QA REVIEW BY	REPORT APPROVED BY
n/a	Art Voss	Art Voss	Art Voss

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2.0 TEST EXCLUSION SUMMARY

This evaluation report demonstrates that the HARRIS Corporation XL-200P Portable PTT Radio Transceivers with the addition of Low Energy BlueTooth complies with the SAR (Specific Absorption Rate) RF exposure requirements specified in FCC 47 CFR §2.1093 and Health Canada's Safety Code 6 for the Occupational / Controlled Exposure environment. The transmit power of this feature is 6.9mW (8.3dBm). Per FCC KDB 447498 Appendix A and RSS-102 Issue 5, the SAR test exclusion threshold at 2450MHZ, at 5mm or less and for General Population are 10mW and 4mW respectively. Applying the occupational limit factor of 5, the thresholds are 50mW and 20mW respectively. The estimated simultaneous 1g SAR is calculated to be 0.285W/kg. The maximum reported 1g SAR for all other transmission modes is 5.50W/kg. With the addition of the BLE feature, the maximum anticipated SAR would be approximately 5.8W/kg which is well below the 8.0W/kg limit. This device meets the requirements for SAR Test Exclusion and the impact to the SAR is negligible.

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