

Project 25 Compliance Assessment Program
SUPPLIER'S DECLARATION OF COMPLIANCE (SDOC)
SDOC-EFJ-11070802
July 8, 2011

EF Johnson Technologies
Standards and Regulatory Affairs
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Product Name: 5100 ES and 51SL ES Series UHF Portable (380-470 MHz)
Installed Options: Full and Limited Keypad, SEM Encryption Module Installed
Installed Vocoder: Enhanced Full Rate

Other Devices Tested With 5100 ES Series Portable		
Manufacturer	Product Name, Definition, and Unique ID	Installed Options
Harris	P25 Trunked Infrastructure	System Release 6.4.2
Motorola	ASTRO 25 Trunked Infrastructure	System Release 7.7
Tait	TaitNet/EADS COR P25 Network	P25V11_05.E21
EF Johnson	IP25 Trunked Infrastructure	Release 3.1-RC1
PowerTrunk	PowerTrunk 25 B800014 Infrastructure	Version 9.4.52

EF Johnson Technologies hereby declares that 5100 ES Series UHF Portable products pass the test cases listed in the following Project 25 Compliance Assessment Bulletins in their entirety with exclusions as noted:

P25-CAB-CAI_TEST_REQ – March 2010, Section 2.1.1.1 – Project 25 Phase I
Common Air Interface Conventional Subscriber Unit Performance, DTR-
P25CAP081010-10011301 and DTR-P25CAP081010-11030402.

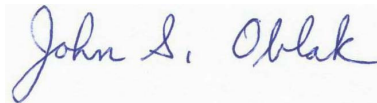
P25-CAB-CAI_TEST_REQ – March 2010, Section 2.1.1.2 – Project 25 Phase I
Common Air Interface Trunked Subscriber Unit Performance, DTR-P25CAP081010-
10011301, DTR-P25CAP081010-11030402, and DTR-P25CAP081010-10020801.

P25-CAB-CAI_TEST_REQ – March 2010, Section 2.1.3.2 – Project 25 Phase I Common Air Interface Trunked Subscriber Unit Interoperability, DTR-TIMCO081016-023-5170-063, DTR-P25CAP081015-3205, DTR-P25CAP081010-09103001, DTR-MOT-40016-M1-MC1, and DTR-P25CAP081017-1090622E01. Test case 2.2.3.4.4 is not applicable for Harris P25, Motorola ASTRO 25, and EF Johnson Technologies IP25 infrastructures; see results of test case 2.2.3.4.3. Test case 2.2.3.4.3 is not applicable for TaitNet P25/EADS CORE P25 and PowerTrunk 25 infrastructures; see results of test case 2.2.3.4.4, Passed with the exception of test cases 2.2.3.4.5, and 2.2.3.4.6, when tested with PowerTrunk 25 B800014, EF Johnson Technologies IP25, Motorola ASTRO 25, Harris P25 and TaitNet P25/EADS CORE P25 trunking infrastructures, which are not supported in the complying product. Passed with the exception of test case 2.2.6.4.1. PowerTrunk 25 B800014 Infrastructure does not support the test case. Test cases for inter-system and inter-WACN roaming are not supported in the EF Johnson 5300 ES Mobile nor infrastructure tested.

Summary Test Report Identification: STR-EFJ-11070702 issued on July 7, 2011.

July 8, 2011

Issue date



Supplier's Authorized Representative Signature

John S. Oblak

Supplier's Authorized Representative Printed Name

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OMB NO: 1640-0015

EXPIRATION DATE: 04/30/2012

Burden Statement

An agency may not consider or sponsor information collection and a person is not required to respond to this information collection unless it displays a current valid Office of Management and Budget control number and expiration date. The control number for this collection is 1640-0015 and this form will expire on 04/30/2012. The estimated average time to complete this form is 60 minutes per respondent. If you have any comments regarding the burden estimate you can write to Department of Homeland Security, Science and Technology Directorate, Washington, DC 20528.

DHS FORM 10044 – June 2009