

Project 25 Compliance Assessment Program
 SUPPLIERS DECLARATION OF COMPLIANCE (SDOC)
 SDOC-EFJ-16011201
 January 12, 2016

EF Johnson Technologies
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Product Name: EF Johnson ATLAS 4500 UHF Repeater
Installed Options: Trunking TSNI Firmware
Installed Vocoder: The repeater does not incorporate a vocoder.

Other Devices Tested With ATLAS UHF Repeater		
Manufacturer	Product Name, Definition, and Unique ID	Installed Options
EF Johnson	VP900 Series Portable Subscriber	Firmware 8.12.17, SEM
Kenwood	NX-5400 Series Portable Subscriber	Firmware V1.63, Encryption
Motorola Solutions	XTS 5000 Series Portable Subscriber	Firmware R20.00.10 Encryption

Model Class Definition	Applied to P25-CAB-CAI_Test_Req March 2010, 2.2.3.2	
Model Class Name	Product Name, Definition, and Unique ID	Installed Options
ATLAS 4500 UHF Repeater	ATLAS Trunked Repeater	Firmware: TSNI 1.3.2_7
		Firmware: 1.0.1_27

The EF Johnson 4500 series repeater utilizes common trunking controller software that resides in the TSNI module which is utilized throughout all frequency bands. Leveraging this frequency band independence of the trunking controller, EF Johnson defines a common model class for 4500 series repeaters as encompassing all frequency bands for the purposes of trunking interoperability.

EF Johnson Technologies hereby declares that ATLAS 4500 series UHF Repeater 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 2.2.1.1 – Project 25 Phase I Common Air Interface Conventional Base Station/Repeater Performance, DTR-P25CAP081010-15120301. The product passed with the exception of test cases 2.1.17, 2.1.18, and 2.2.14, which are test cases that are not supported in the product.

P25-CAB-CAI_TEST_REQ – March 2010, Section 2.2.1.2 – Project 25 Phase I Common Air Interface Trunked Base Station/Repeater Performance, DTR-P25CAP081010-15120301 and DTR-P25CAP081010-16011201. The product passed with the exception of test cases 2.2.14 and 2.3.4 (Non-Simulcast Single and Double TSBK and Simulcast Single, Double, and Triple TSBK) which are test cases that are not supported in the product.

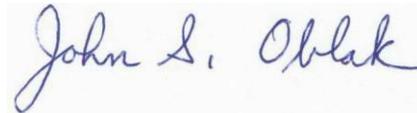
P25-CAB-CAI_TEST_REQ – March 2010, Section 2.2.3.2 – Project 25 Phase I Common Air Interface Trunked Base Station/Repeater Interoperability, DTR-P25CAP081010-15122102, DTR-P25CAP081010-15122103, DTR-P25CAP081010-15122104. The product passed with the exception of test case 2.2.3.4.4, which is a test case not applicable for subscribers on EF Johnson infrastructure; see results of test case 2.2.3.4.3. Also, the product passed with the exception of test cases 2.2.3.4.5 and 2.2.3.4.6, which are test cases that are not supported in the product. Testing of inter-system roaming and inter-WACN roaming is not supported in the product.

The summary report of tests performed at Project 25 Compliance Assessment Program Recognized Laboratory P25CAP081010 is identified as follows:

Summary Test Report Identification: STR-EFJ-16011201 issued on January 12, 2016.

January 12, 2016

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: 07/31/2015 New OMB Date: 04/30/2016 - KRT for DHS OIC

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 07/31/2015. 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