

Project 25 Compliance Assessment Program

SUPPLIER'S DECLARATION OF COMPLIANCE (SDOC)

SDOC-CASSIDIAN-TB5000i-20140717

Cassidian Communications, Inc., an Airbus Defense & Space Holdings, Inc. Company
 1301 West President George Bush Highway
 Suite 150
 Richardson, Texas 75080
 United States of America
 Customer Contact: Roy McClellan
 Phone: +1 469 365 4980
 Fax: +1 469 365 4991
<http://www.cassidiancommunications.com>
marketing@cassidiancommunications.com

Product Name: Cassidian Communications TB5000i series			
Installed Options	Cassidian COR P25 Infrastructure	Hardware:	TBAB1 (136-174 MHz) TBAH0 (380-520 MHz) TBAK2 (762-870 MHz)
	Cassidian COR P25	Software	V11_03 (V2.02) V11_04 (V2.03) V11_05 (V2.04) V11_06 (V2.05) V11_07 (V2.06) V11_08 (V2.07)
Installed Vocoder: Baseline with System Improvements			

Other Devices Tested with Cassidian Communications TB5000i			
Manufacturer and Point of Contact	Product Name and Definition	Installed Options	
Tait Radio Communications Scott Quintavalle – (281) 829- 3300	TP9160 Portable	Hardware: Software:	1.06 & 1.05 7.15
Motorola, Inc. Julie Jagoda - (847) 576-2022	XTS5000 Portable APX7000 Portable	Firmware: Firmware:	14.00.01 04.00.25
EFJohnson Technologies John Oblak - (507) 837-5116	5100ES Portable 5300ES Mobile	Hardware: Firmware: Software: Hardware: Firmware: Software:	0.1.2 6.12.11 4.18.0 0.2.0 6.12.11 4.18.0
Thales Communications, Inc. Mary Faccione – (240) 864-7399	Thales Liberty PRC-7332 Portable	Hardware: Software:	Rev G 01.00.17.0370

Project 25 Compliance Assessment Program

SUPPLIER'S DECLARATION OF COMPLIANCE (SDOC)

SDOC-CASSIDIAN-TB5000i-20140717

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Manufacturer and Point of Contact	Product Name and Definition	Installed Options	
Kenwood USA Corporation Don Wingo – (678) 474-4719	P25 UHF TK-5310-K3 Portable	Hardware:	3.0
		Firmware:	G5.17.00
		Software:	V6.21
	P25 UHF TK-5310-K2 Portable	Hardware:	2.0
		Firmware:	T4.30
		Software:	T4.30
	P25 UHF TK-5810BK Mobile	Hardware:	2.0
		Software:	T4.30
RELM Wireless Corporation Jim Holthaus – (402-990-1551)	KNG Series Portable	Hardware:	2.0
		Firmware:	1.3.1.1
Icom America, Inc. Masaaki Takahashi – (425) 450-6043	F9000 Series IC-F9021 Portable	Hardware:	1.0
		Firmware:	1.4
		Software:	1.3
Harris Corporation Greg Fowler – (434) 455-9294	P7100 HT7170TN1X Portable	Hardware:	D
		Software:	R18D
	P5400 MAEX-DN1XX Portable	Hardware:	D
		Software:	R8A
	P3300 MAKS-TLNXX Portable	Hardware:	DASH
		Software:	2.19.10

Motorola Model Class	Sub-Class	Installed Options
XTS/XTL Subscriber	XTS 5000 Portable	See Sub-Class for XTS 5000
	XTS 2500 Portable, XTS 1500 Portable	See Sub-Class for XTS 2500, XTS 1500
	XTL 5000 Mobile, XTL Console, XTL 2500 Mobile, XTL 1500 Mobile	See Sub-Class for XTL 5000, XTL 2500 and XTL 1500

Motorola Sub-Class: XTS 5000 Portable	
Product Name, Definition and Unique ID	Model Number and Installed Options
700/800 MHz	
XTS 5000 700/800MHz Portable; Firmware/DSP: Release 12 thru Release 14	H18UCC9PW5-N, H18UCF9PW6-N, H18UCH9PW7-N Options: Trunking and Encryption
VHF	
XTS 5000 VHF Portable; Firmware/DSP: Release 12 thru Release 14	H18KEC9PW5-N, H18KEF9PW6-N, H18KEH9PW7-N Options: Trunking and Encryption
UHF-R1	
XTS 5000 UHF R1 Portable; Firmware/DSP: Release 12 thru Release 14	H18QDC9PW5-N, H18QDF9PW6-N, H18QDH9PW7-N Options: Trunking and Encryption
UHF-R2	
XTS 5000 UHF R2 Portable; Firmware/DSP: Release 12 thru Release 14	H18SDC9PW5-N, H18SDF9PW6-N, H18SDH9PW7-N Options: Trunking and Encryption

Motorola Sub-Class: XTS 2500 Portable, XTS 1500 Portable	
Product Name, Definition and Unique ID	Model Number and Installed Options
700/800 MHz	

Project 25 Compliance Assessment Program

SUPPLIER'S DECLARATION OF COMPLIANCE (SDOC)

SDOC-CASSIDIAN-TB5000i-20140717

Motorola Sub-Class: XTS 2500 Portable, XTS 1500 Portable	
Product Name, Definition and Unique ID	Model Number and Installed Options
XTS 2500 700/800MHz Portable; Firmware/DSP: Release 12 thru Release 14	H46UCC9PW5-N, H46UCD9PW5-N, H46UCF9PW6-N, H46UCH9PW7-N Options: Trunking and Encryption
XTS1500 700/800MHz Portable Firmware/DSP: Release 12 thru Release 14	H66UCC9PW5-N, H66UCD9PW5-N Options: Trunking
VHF	
XTS 2500 VHF Portable; Firmware/DSP: Release 12 thru Release 14	H46KDC9PW5-N, H46KDD9PW5-N, H46KDF9PW6-N, H46KDH9PW7-N Options: Trunking and Encryption
XTS 1500 VHF Portable Firmware/DSP: Release 12 thru Release 14	H66KDC9PW5-N, H66KDD9PW5-N Options: Trunking
UHF-R1	
XTS 2500 UHF R1 Portable; Firmware/DSP: Release 12 thru Release 14	H46QDC9PW5-N, H46QDD9PW5-N, H46QDF9PW6-N, H46QDH9PW7-N Options: Trunking and Encryption
XTS1500 UHF R1 Portable Firmware/DSP: Release 12 thru Release 14	H66QDC9PW5-N H66QDD9PW5-N Options: Trunking
UHF-R2	
XTS 2500 UHF R2 Portable; Firmware/DSP: Release 12 thru Release 14	H46SDC9PW5-N, H46SDD9PW5-N, H46SDF9PW6-N, H46SDH9PW7-N Options: Trunking and Encryption
XTS1500 UHF R2 Portable Firmware/DSP: Release 12 thru Release 14	H66SDC9PW5-N, H66SDD9PW5-N Options: Trunking

Motorola Sub-Class: XTL 5000 Mobile, XTL 5000 Console, XTL 2500 Mobile, XTL 1500 Mobile	
Product Name, Definition and Unique ID	Model Number and Installed Options
700/800 MHz	
XTL 5000 700/800MHz Mobile; Firmware/DSP: Release 12 thru Release 14	M20URS9PW1-N Options: Trunking and Encryption
XTL 5000 700/800MHz Console; Firmware/DSP: Release 12 thru Release 14	L20URS9PW1-N Options: Trunking and Encryption
XTL 2500 700/800MHz Mobile; Firmware/DSP: Release 12 thru Release 14	M21URM9PW1-N Options: Trunking and Encryption
XTL 1500 700/800MHz Mobile Firmware/DSP: Release 12 thru Release 14	M28URS9PW1-N Options: Trunking
VHF	
XTL 5000 VHF Mobile; Firmware/DSP: Release 12 thru Release 14	M20KSS9PW1-N Options: Trunking and Encryption
XTL 5000 VHF Console; Firmware/DSP: Release 12 thru Release 14	L20KSS9PW1-N Options: Trunking and Encryption
XTL 5000 VHF High Power Mobile; Firmware/DSP: Release 12 thru Release 14	M20KTS9PW1-N Options: Trunking and Encryption
XTL 2500 VHF Mid Power Mobile; Firmware/DSP: Release 12 thru Release 14	M21KSM9PW1-N Options: Trunking and Encryption
XTL 2500 VHF High Power Mobile; Firmware/DSP: Release 12 thru Release 14	M21KTM9PW1-N Options: Trunking and Encryption
XTL 1500 VHF Mid Power Mobile Firmware/DSP: Release 12 thru Release 14	M28KSS9PW1-N Options: Trunking
UHF-R1	
XTL 5000 UHF R1 Mid Power Mobile; Firmware/DSP: Release 12 thru Release 14	M20QSS9PW1-N Options: Trunking and Encryption
XTL 5000 UHF R1 Mid Power Console; Firmware/DSP: Release 12 thru Release 14	L20QSS9PW1-N Options: Trunking and Encryption

Project 25 Compliance Assessment Program

SUPPLIER'S DECLARATION OF COMPLIANCE (SDOC)

SDOC-CASSIDIAN-TB5000i-20140717

Motorola Sub-Class: XTL 5000 Mobile, XTL 5000 Consolette, XTL 2500 Mobile, XTL 1500 Mobile	
Product Name, Definition and Unique ID	Model Number and Installed Options
XTL 5000 UHF R1 High Power Mobile; Firmware/DSP: Release 12 thru Release 14	M20QTS9PW1-N Options: Trunking and Encryption
XTL 2500 UHF R1 Mid Power Mobile; Firmware/DSP: Release 12 thru Release 14	M21QSM9PW1-N Options: Trunking and Encryption
XTL 2500 UHF R1 High Power Mobile; Firmware/DSP: Release 12 thru Release 14	M21QTM9PW1-N Options: Trunking and Encryption
XTL 1500 UHF R1 Mid Power Mobile; Firmware/DSP: Release 12 thru Release 14	M28QSS9PW1-N Options: Trunking and Encryption
UHF-R2	
XTL 5000 UHF R2 Mid Power Mobile; Firmware/DSP: Release 12 thru Release 14	M20SSS9PW1-N Options: Trunking and Encryption
XTL 5000 UHF R2 Mid Power Consolette; Firmware/DSP: Release 12 thru Release 14	L20SSS9PW1-N Options: Trunking and Encryption
XTL 2500 UHF R2 Mid Power Mobile; Firmware/DSP: Release 12 thru Release 14	M21SSM9PW1-N Options: Trunking and Encryption
XTL 1500 UHF R2 Mid Power Mobile Firmware/DSP: Release 12 thru Release 14	M28SSS9PW1-N Options: Trunking

Motorola Model Class	Sub-Class	Installed Options
APX Subscriber	APX 7000 Portable	See Sub-Class for APX 7000
	APX 7500 Mobile	See Sub-Class for APX 7500

Motorola Model Class: APX 7000 Portable Subscriber	
Product Name, Definitions and Unique ID	Model Number and Installed Options
Dual Band VHF, 700/800 MHz	
APX 7000 Portable VHF 700/800MHz Firmware/DSP: Release 1 thru Release 4	H97TGD9PW1-N Options: Trunking, Encryption

Motorola Model Class: APX 7500 Mobile Subscriber	
Product Name, Definitions and Unique ID	Model Number and Installed Options
Dual Band VHF, 700/800 MHz	
APX 7500 Mobile VHF 700/800MHz Firmware/DSP: Release 1 thru Release 4	M30TSS9PW1-N, M30URS9PW1-N, M30KSS9PW1-N Options: Trunking, Encryption

Cassidian Communications hereby declares that the TB5000i Base Station/Repeater product(s) pass(es) the test cases listed in the following Project 25 Compliance Assessment Bulletin sections in their entirety without exclusions:

P25-CAB-CAI_TEST_REQ – March 2010, Section 2.2.1.1 and 2.2.1.2 – Project 25 Phase 1 Common Air Interface Conventional and Trunked Base Station/Repeater Unit Performance, DTR-P25CAP081015-2987, DTR-P25CAP081015-2989, DTR-P25CAP081015-2996 and DTR-P25CAP081015-2996-A.

Cassidian Communications hereby declares that TB5000i Base Station/Repeater product(s) pass(es) the test cases listed in the following Project 25 Compliance Assessment Bulletin sections in their entirety with exclusions as noted:

Project 25 Compliance Assessment Program
SUPPLIER'S DECLARATION OF COMPLIANCE (SDOC)
SDOC-CASSIDIAN-TB5000i-20140717

P25-CAB-CAI_TEST_REQ – March 2010, Section 2.2.3.2 – Project 25 Phase 1 Common Air Interface Trunked Base Station/Repeater Interoperability, DTR-P25CAP081015-3204, DTR-P25CAP081015-3205, DTR-P25CAP081015-3206, DTR-P25CAP081015-3208, DTR-P25CAP081015-3209, DTR-P25CAP081015-3210, DTR-P25CAP081015-3212, DTR-P25CAP081015-3230, DTR-P25CAP081015-3283, DTR-P25CAP081015-3284, DTR-P25CAP081015-3285, DTR-P25CAP081015-3286, DTR-P25CAP081015-3287, and DTR-P25CAP081015-3288 passed with the exception of (1) test case(s) 2.2.3.4.5, 2.2.3.4.6 and inter-System and inter-WACN roaming configurations which are test case(s) not supported in the complying product and (2) test case 2.2.3.4.3, which is a test case not applicable for subscribers on Cassidian COR P25 infrastructure; see results of test case 2.2.3.4.4.

The summary report of tests performed at Project 25 Compliance Assessment Program Recognized Laboratory(s) P25CAP081015 is identified as follows:

Summary Test Report Identification: STR-CASSIDIAN-TB5000i-20140717 on 17 July 2014.



17th July 2014

Issue Date

Supplier's Authorized Representative Signature

W. Roy McClellan III

Supplier's Authorized Representative Printed Name

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OMB NO: 1640-0015

EXPIRATION DATE: 04/30/2012

Burden Statement

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DHS FORM 10044 – June 2009