

Project 25 Compliance Assessment Program

SUPPLIER'S DECLARATION OF COMPLIANCE (SDOC)

SDOC-TAI-TB9100-20110218

Tait Radio Communications
 15342 Park Row
 Houston, Texas 77084
 United States of America
 Customer Contact: Scott Quintavalle
 Phone: +1 281 829 3300
 Fax: +1 281 829 3320
 Toll Free: 800 320 4037
<http://www.taitworld.com>
info@taitmobile.com

Product Name: Tait Radio Communications TB9100 series			
Installed Options		Hardware:	TBAB1 (136-174 MHz), TBAH0 (380-520 MHz), TBAK2 (762-870 MHz)
	Taitnet P25 Infrastructure	Software:	3.54
	PlantCML-EADS COR P25	Software	v11_05
Installed Vocoder: Baseline with System Improvements			

Other Devices Tested with Tait Radio Communications TB9100			
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
Kenwood USA Corporation Don Wingo – (678) 474-4719	P25 UHF TK-5310-K3 Portable	Hardware: Firmware: Software:	3 G5.17.00 V6.21
RELM Wireless Corporation Jim Holthaus –(402-990-1551)	KNG Series Portable	Hardware: Firmware:	2.0 1.3.1.1

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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	
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

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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
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 Console; 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

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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

Tait Radio Communications hereby declares that the TB9100 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.

Tait Radio Communications hereby declares that TB9100 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:

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 and DTR-P25CAP081015-3230 passed with the exception of 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.

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-TAI-TB9100-20110218 on 2nd March 2011.

2nd March 2011

Issue Date

Supplier's Authorized Representative Signature

Brian Emmett

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 conduct 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 an 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