

**Project 25 Compliance Assessment Program**  
**SUPPLIER'S DECLARATION OF COMPLIANCE (SDOC)**  
**SDOC-TAI-TM9100-20111221**

Tait Radio Communications  
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<b>Product Name:</b> TM9100 series Mobile Radio
<b>Installed Options:</b> Hardware options TMAB1E, TMAB1F, TMAB1Z, (136-174 MHz) TMAH5E, TMAH5F (400-470 MHz), TMAH6E (450-530 MHz), TMAH7F (450-520 MHz), TMAG2F (350-400 MHz) and TMAK5F (762-870 MHz); Firmware version 7.7
<b>Installed Vocoder:</b> Baseline with System Improvements

Other devices tested with Tait Radio Communications TM9100		
Manufacturer	Product Name, Definition, and unique ID	Installed Options
Motorola Inc	Astro 25 Version 7.11 Base Station/Repeater	Release 7.11
Tait Radio Communications	Taitnet P25 Infrastructure Base Station/Repeater SNs: 18083365, 18075574, 18024395.	Hardware: TBAH0
	EADS COR P25	-
PowerTrunk Inc.	PowerTrunk25 S/N B800014	Software: 3.35  v11_05
		Ver. 9.4.52

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Tait Radio Communications hereby declares that TM9100 Mobile Radio 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, Sections 2.1.1.1 and 2.1.1.2 – Project 25 Phase 1 Common Air Interface Conventional and Trunked Subscriber Unit Performance, DTR-P25CAP081015-2990, DTR-P25CAP081015-2991, DTR-P25CAP081015-2992, DTR-P25CAP081015-2993, DTR-P25CAP081015-2994, DTR-P25CAP081015-2999, DTR-P25CAP081015-3001 and DTR-P25CAP081015-3002: Passed test cases 2.1.4 Reference Sensitivity, 2.1.5 Faded Reference Sensitivity, 2.1.6 Signal Delay Spread Capability, and 2.1.7 Adjacent Channel Rejection with standard modulation but not LSM modulation.

P25-CAB-CAI\_TEST\_REQ – March 2010, Section 2.1.3.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Interoperability TIMCO081016-TP9100 2509UT11, DTR-P25CAP081015-3313, and TIMCO081016-TP/TM9100 2834UT11. Passed with the exception of Inter-WACN and Inter-System roaming which are not supported by Tait Radio Communications TM9100 and Taitnet/EADS COR P25 Infrastructure, PowerTrunk25 and Motorola Astro P25, and test case(s) 2.2.3.4.3 when tested with Taitnet/EADS COR P25 Infrastructure and PowerTrunk25, 2.2.3.4.4 when tested with Motorola Astro P25, 2.2.3.4.5 when tested with Taitnet/EADS COR P25 Infrastructure, PowerTrunk25 and Motorola Astro P25, 2.2.3.4.6 when tested with Taitnet/EADS COR P25 Infrastructure, and 2.2.6.4.1 when tested with PowerTrunk25. Tait Radio Communications TM9100, Taitnet/EADS COR P25 Infrastructure. PowerTrunk25 and Motorola Astro P25 Infrastructure did not support the test case(s).

The summary report of tests performed at Project 25 Compliance Assessment Program Recognized Laboratory(s) P25CAP081015 and P25CAP081016 is identified as follows: Summary Test Report Identification: STR-TAI-TM9100-20111221 issued on November 5th 2012.



November 5th 2012

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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: 07/31/2015

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 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