

**Project 25 Compliance Assessment Program**

SUPPLIER'S DECLARATION of COMPLIANCE

XTS5000 Portable Subscriber  
SDOC-MOT-XTS5000-02122013  
February 12, 2013

**Motorola Solutions, Inc.**

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|                          |   |
|--------------------------|---|
| <b>Product Name</b>      | <b>Motorola Solutions XTS5000 Portable Subscriber</b>           |
| <b>Model Number</b>      | VHF (136-174MHz) - H18KEC9PW5-N, H18KEF9PW6-N, H18KEH9PW7-N     |
| <b>Hardware Options:</b> | UHF-R1 (380-470 MHz) - H18QDC9PW5-N, H18QDF9PW6-N, H18QDH9PW7-N |
|                          | UHF-R2 (450-520 MHz) - H18SDC9PW5-N, H18SDF9PW6-N, H18SDH9PW7-N |
|                          | 7/800 MHz - H18UCC9PW5-N, H18UCF9PW6-N, H18UCH9PW7-N            |
| <b>Installed Options</b> | Trunking, Encryption  |
| <b>Software:</b>         | Firmware/DSP: R12 thru R19                                      |
| <b>Installed Vocoder</b> | Baseline Full Rate with System Improvements                     |

| <b>Devices Tested For Interoperability with Motorola Solutions XTS5000 Subscriber</b> |   |                                  |
|---|---|----------------------------------|
| <b>Manufacturer</b>   | <b>Product Name, Definition and Unique ID</b> | <b>Installed Options</b>         |
| Harris  | Harris Mastr V P25 Station                    | System Release PR9B              |
| Motorola Solutions  | ASTRO 25                                      | System Release 7.7               |
|   |   | System Release 7.8               |
|   |   | System Release 7.9               |
|   |   | System Release 7.11              |
|   |   | System Release 7.13              |
| Tait/EADS   | P25 Trunked Radio System                      | TaitNet P25/EADS COR P25 Network |
| PowerTrunk  | PowerTrunk 25 FNE B800014                     | System Release Ver. 9.4.52       |
| EF Johnson  | Trunking                                      | System Release 3.1-RC1           |

Motorola hereby declares that the XTS5000 Subscriber passes 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 2.1.1.1 – Project 25 Phase 1 Common Air Interface Conventional Subscriber Unit Performance, DTR-P25CAP081014-P25-0001, DTR-P25CAP081014-P25-0002, DTR-P25CAP081014-P25-0003, and DTR-P25CAP081014-P25-0004.

P25-CAB-CAI\_TEST\_REQ – March 2010, Section 2.1.1.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Performance, DTR-P25CAP081014-P25-0001, DTR-P25CAP081014-P25-0002, DTR-P25CAP081014-P25-0003, and DTR-P25CAP081014-P25-0004.

P25-CAB-CAI\_TEST\_REQ – March 2010, Section 2.1.3.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Interoperability, DTR-TIMCO081016-XTS, DTR-P25CAP081017-1110120M01, DTR-P25CAP081015-3206, DTR-TIMCO081016XTS5000, DTR-P25CAP081010-09111601. Test Case 2.2.3.4.4 is not applicable for Motorola subscribers on Harris, Motorola and EFJ infrastructures; see results of test case 2.2.3.4.3. Test Case 2.2.3.4.3 is not applicable for Motorola subscribers on Tait/EADS, Cassidian and PowerTrunk infrastructures; see results of test case 2.2.3.4.4. Passed with the

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exception of test cases 2.2.3.4.5, 2.2.3.4.6 which are not supported in the complying product. Test cases 2.2.3.4.3, 2.2.3.4.5, 2.2.3.4.6 and 2.2.6.4.1 are not supported in the PowerTrunk infrastructure. Test cases for Inter-System and Inter-WACN Roaming configurations are not supported in the complying products.

The summary report of tests performed at Project 25 Compliance Assessment Program Recognized Laboratory(s) P25CAP081010, P25CAP081014, P25CAP081015, P25CAP081016, and P25CAP081017 are identified as follows:

**Supplier's Summary Test Report Identification:** STR-MOT-XTS5000-02122013, issued on February 12, 2013

18 FEB 2013  
Issue Date

  
\_\_\_\_\_  
Supplier's Authorized Representative Signature

MIKE PETERSEN  
\_\_\_\_\_  
Supplier's Authorized Representative Printed Name

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**OMB NO:** 1640-0015

**EXPIRATION DATE:** 07/31/2015

**Burden Statement**

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DHS FORM 10044 – June 2009

ICR REFERENCE NUMBER: 201204-1640-001 – July 2012