

## EU Declaration of Conformity (DoC-15120800214-D)

This declaration of conformity is issued under the sole responsibility of the manufacturer. The object of the declaration is in conformity with the relevant Union harmonization legislation:

2014/53/EU Radio Equipment Directive  
2011/65/EU on RoHS-2 for Restriction of the use of Hazardous Substances  
2012/19/EU WEEE Waste Electrical and Electronic Equipment  
2013/35/EU on Occupational Exposure to Electromagnetic Fields  
1999/5/EC on Radio Equipment and Telecommunications Terminal Equipment (Non-RED Countries)

**Object of the Declaration:** MOTOTRBO Elite Portable Subscriber SL4000e and SL4010e  
403-470MHz, 12.5kHz, TX: 1-3W,  
SL4000e, Type Designator: PMTR532HE with Display, FKP and BT/WiFi™  
SL4010e, Type Designator: PMTR532HEG with Display, FKP, GOB and BT/WiFi™

National Licensed Frequencies Only

**Superseded Remarks:** This DoC supersedes DOC-15120800214-C

**Manufacturer:** Motorola Solutions Germany GmbH , Am Borsigturm 130, 13507 Berlin, Germany

### Conformity:

#### Radio Equipment, Article 3(2):

RED:

EN 300 113 v2.2.1

EN 300 328 V2.1.1

RTTE:

EN 300 113 - 1 V1.7.1, EN 300 113 - 2 V1.5.1

EN 300 328 V1.9.1

#### EMC, Article 3(1)b:

EN 301 489 - 1 V1.9.2,

EN 301 489 - 5 V1.3.1,

EN 301 489 - 17 V2.2.1

#### Safety, Article 3(1)a:

EN 60950-1:2006/A11:2009/A1:2010/A12:2011/AC:2011/A2:2013

Compliant with the ICNIRP (1998) Occupational / Controlled Exposure Limits

EN 62311:2008

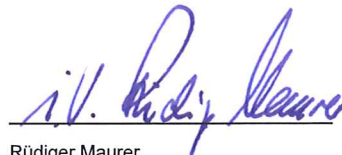
### Year of first application of CE mark: 2015

The essential radio test suites, as defined in the quoted harmonized standards, have been performed.

BERLIN, 02-FEB-2018



Andreas Scheunemann  
Managing Director Motorola Solutions Germany GmbH,  
Am Borsigturm 130, D-13507 Berlin, Germany



Rüdiger Maurer  
Director of Product Safety and Regulatory Compliance,  
Motorola Solutions Germany GmbH

**Rev. 1 Addendum to EU Declaration of Conformity (DoC-15120800214-D)**

This declaration of conformity is an addendum to above referenced product DoC and is issued under the sole responsibility of the manufacturer.

The accessories described below are in conformity with the relevant Union harmonisation legislation.

The listed accessories are certified and approved for use with the radios listed in the referenced DoC.

**ANTENNA**

PMAE4076B	420-445MHZ
PMAE4077B	438-470MHz
PMAE4078B	403-425MHZ
PMAE4091A	450-490MHz
PMAE4092A	480-527MHz
PMLE5083A	2400-2500MHZ
PMLE5102A	2400-2500MHz

**AUDIO**

89409N	HK200 GSM STYLE EARPIECE WIRELESS NON-SECURE
NNTN8125C	WIRELESS ACCY KIT, STD PAIR, 12 CABLE
NNTN8126C	WIRELESS ACCY KIT, STD PAIR, 9 CABLE
NNTN8127C	WIRELESS ACCY KIT, STD PAIR, POD - NO EARPIECE
NNTN8189B	BT ACCY KIT, SP, 12 CBL, NCHGR
NNTN8191B	BLUETOOTH POD, NO CHARGER
NNTN8294A	OPERATIONS CRITICAL 1-WIRE EARBUD 29CM CORD BLACK
NNTN8295A	OPERATIONS CRITICAL 1-WIRE EARBUD 116CM CORD BLACK
NTN2572A	EARPIECE WITH 12 CABLE (FOR USE WITH BLUETOOTH POD)
NTN2575A	EARPIECE WITH 9 CABLE (FOR USE WITH BLUETOOTH POD)
PMLN6463A	BUSINESS WIRELESS ACCESSORY KIT
PMLN7052A	OPERATIONS CRITICAL WIRELESS 1-WIRE SURVEILLANCE KIT WITH TRANSLUCENT TUBE
PMLN7156A	MAG ONE EARBUD WITH IN-LINE MICROPHONE AND PUSH-TO-TALK



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### AUDIO

PMLN7157A	2-WIRE SURVEILLANCE KIT WITH TRANSLUCENT TUBE, BLACK
PMLN7158A	1-WIRE SURVEILLANCE KIT WITH IN-LINE MICROPHONE AND PUSH-TO-TALK, BLACK
PMLN7159A	ADJUSTABLE D-STYLE EARPIECE WITH IN-LINE MICROPHONE AND PUSH-TO-TALK, BLACK (COMING Q1 2015)
PMLN7181A	FLEXIBLE-FIT SWIVEL EARPIECE W/ BOOM MIC
PMLN7189A	SWIVEL EARPIECE WITH IN-LINE MICROPHONE AND PUSH-TO-TALK
PMLN7203A	FLEXIBLE-FIT SWIVEL EARPIECE W/ BOOM MIC, MULTIPACK
RLN4922A	COMPLETELY DISCREET EARPIECE KIT
RLN6490A	XBT HEADSET BTN, HEAVY DUTY HEADSET, BT
RLN6491A	XBT HEADSET HB, HEAVY DUTY HEADSET, BT
RLN6503A	MOTOTRBO BLUETOOTH ACCESSORY KIT EURO PLUG
RLN6550A	SWIVEL EARPIECE WITH INLINE MICROPHONE FOR BLUETOOTH ACCY KIT POD (PACK OF 3)

### BATTERY

HKNN4013A (BT90)	BATTERY PACK, 1800MAH LI-ION
PMNN4425B (BT7X)	3.7V LITHIUM ION BATTERY, 1370 MAH LI-ION
PMNN4468A (BT100X)	BT100X LI-ION 2300 MAH BATTERY

### CHARGER

NNTN8190B	BT ACCY KIT, SP, 9.5 CBL, NCHGR
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### CABLE

CB000262A01	CABLE, MICRO USB PROGRAMMING CABLE
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### POWERSUPPLY

3004209T01	POWER CORD, EU PLUG, (FOR MULTI UNIT CHARGER)
3004209T02	POWER CORD, UK PLUG, (FOR MULTI UNIT CHARGER)

### SOFTWARE

The installed radio software is under the full control of the manufacturer with no access by the user and is in compliance with the relevant directives.

The above accessories are shown with their global part numbers. In practice the accessory will have a regional prefix. Prefixes are purely done for regional kittings - primarily the manual (languages) and packaging. Prefixes are MD for European countries, AA of United States and AZ for Asia/Pacific region.

Note: A copy of the above referenced signed and dated Declaration of Conformity can be obtained either via your local Motorola help desk, via your dealer from where you purchased this radio or alternatively you can send an email request to [manufacturerdeclaration.eu@motorolasolutions.com](mailto:manufacturerdeclaration.eu@motorolasolutions.com), or via <http://www.motorolasolutions.com/Business/XU-EN/BMS+Resource+Library>

## Electromagnetic Energy (EME) Test Laboratory

### Conformity of models listed with occupational Exposure Level Values (ELVs) in Directive 2013/35/EU

This declaration confirms compliance of Motorola Solutions' portable radio(s) model(s) with approved accessories

Model Number	Type Designator	Description
MDH81QCN9SA2AN (PMUE3876E)	PMTR532HE	SL4000e 403-470M 3W ENG FKP WiFi
MDH81QCN9TA2AN (PMUE3877E)	PMTR532HEG	SL4010e 403-470M 3W ENG FKP WiFi GOB

with the ICNIRP<sup>1</sup> limits for radio frequency (RF) energy exposure. The ICNIRP guidelines were developed by an independent scientific organization after thorough evaluations of relevant research studies, and have been endorsed by the World Health Organization (WHO). The ICNIRP guidelines are also referenced in the European Directive 2013/35/EU,<sup>2</sup> forming the basis of the applicable radio-frequency exposure framework for workers.

The applicable exposure limit is specified in terms of the Specific Absorption Rate (SAR), measured in units of watts per kilogram (W/kg). SAR tests of Motorola Solutions radios were conducted in accordance with harmonised<sup>3</sup> standard EN 62311:2008,<sup>4</sup> using standard operating configuration for the device(s) while transmitting at nominal power, with results scaled to the highest certified power level in all tested frequency bands.

SAR tests, performed at a laboratory certified to the ISO/IEC Guide 17025,<sup>5</sup> show that said Motorola Solutions' portable radio model(s), in all tested operating modes (on the body, on the sides of the head, and in front of the face as applicable), at the highest certified power level(s), conform(s) with the ICNIRP occupational 10-gram SAR limit<sup>6</sup> of 10 W/kg for professional devices and occupational users.<sup>7</sup> The relevant peak 10-gram SAR figures are listed here below:

BODY - 0.92 W/kg 10g  
FACE - 0.84 W/kg 10g

Therefore, compliance with the health and the sensory ELVs defined in Directive 2013/35/EU is shown.<sup>8</sup>

Sincerely,

  
Tiong  
Nguk  
Ing

Digitally  
signed by  
Tiong Nguk  
Ing  
Date:  
2018.02.02  
13:31:33  
+08'00'

Tiong Nguk In on behalf of Pei Loo Tey  
Penang EME Laboratory Manager  
DATE : 02-FEB-2018

<sup>1</sup>ICNIRP (1998): International Commission on Non Ionizing Radiation Protection, "Guidelines for Limiting Exposure to Time-Varying Electric, Magnetic, and Electromagnetic Fields (Up to 300 GHz)" Health Physics, vol. 75, no. 4, pp. 494-522.

<sup>2</sup>Directive 2013/35/EU of the European Parliament and of the Council of 26 June 2013 on the minimum health and safety requirements regarding the exposure of workers to the risks arising from physical agents (electromagnetic fields) (20th individual Directive within the meaning of Article 16(1) of Directive 89/391/EEC) and repealing Directive 2004/40/EC.

<sup>3</sup>European Commission communication in the framework of the implementation of Directive 1999/5/EC of the European Parliament and of the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity. Official Journal of the European Union 2016/C 249/01.

<sup>4</sup>EN 62311:2008 Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz). Although the standard is defined for the general public, it provides guidance for occupational exposures in Annex B.

<sup>5</sup>ISO/IEC 17025:2005. General requirements for the competence of testing and calibration laboratories.

<sup>6</sup>This limit represents the applicable health effects Exposure Level Value (ELV) defined in Directive 2013/35/EU.

<sup>7</sup>Implicit whole-body SAR compliance with the 0.4 W/kg limit is shown using the threshold (16.8 W) derived from Table B.1 in EN 62311:2008.

<sup>8</sup>The Specific Absorption (SA) sensory limits defined in Directive 2013/35/EU apply only to ultra-short-pulsed radio-frequency waveforms capable of inducing the microwave hearing effect, e.g., powerful RADAR emissions, but not the Motorola Solutions radio(s) referenced herein.