



MOTOROLA SOLUTIONS

PMMN4097A, PMMN4097C - Mission Critical Wireless Mobile Gateway with accessories:

EU Declaration of Conformity

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Declaración UE de conformidad



MOTOROLA SOLUTIONS

EU Declaration of Conformity (DoC-15042800099-B)

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:

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

Object of the Declaration: Bluetooth Accessories:

PMMN4097A, PMMN4097C - Mission Critical Wireless Mobile Gateway with accessories:

PMKN4033A mobile extension cable
for MotoTRBO and Astro APX radio platforms

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

Conformity:

Radio Equipment, Article 3(2):

R&TTE: EN 300 328 V1.9.1

RED: EN 300 328 V2.1.1

EMC, Article 3(1)b:

EN 301 489-1 V1.9.2

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

Year of first application of CE mark: 2014

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

BERLIN, 03-JAN-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

Document Keeper: Motorola Solutions Germany GmbH, Am Borsigturm 130, D-13507 Berlin, Germany

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' product (s)

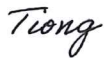
<u>Model Number</u>	<u>Type Designator</u>	<u>Description</u>
PMMN4097C	NA	Mission Critical Wireless Mobile Gateway

with the ICNIRP¹ 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,² 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 harmonised³ standard EN 62311:2008,⁴ 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 17025,⁵ show that said Motorola Solutions' product (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 limits for professional devices and occupational users,⁶ and both the health and the sensory ELVs defined in Directive 2013/35/EU.⁷

Sincerely,



Digitally
signed by
Tiong Nguk
Ing
Date:
2017.12.18
00:55:00
+08'00'

Tiong Nguk Ing on behalf of Pei Loo Tey
Penang EME Laboratory Manager
Motorola Solutions, Inc.
Date: 18-Dec-2017

¹ 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.

² 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.

³ 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.

⁴ 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.

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

⁶ 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.

⁷ 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.



Déclaration UE de Conformité (DoC-15042800099-B)

La présente déclaration de conformité est établie sous la seule responsabilité du fabricant. L'objet de la déclaration décrit ci-dessus est conforme à la législation d'harmonisation de l'Union applicable:

Directive 2011/65/UE (RoHS)

Directive 2014/53/UE (RED)

Directive 2013/35/UE (EMF)

Directive 2012/19/UE (WEEE)

Directive 1999/5/CE (R&TTE) Pour les pays où la Directive 2014/53/UE (RED) n'est pas en vigueur

Objet de la déclaration: Bluetooth Accessories:

PMMN4097A, PMMN4097C - Mission Critical Wireless Mobile Gateway with accessories:

PMKN4033A mobile extension cable
for MotoTRBO and Astro APX radio platforms

Mis sur le marché par: Motorola Solutions Germany GmbH , Am Borsigturm 130, 13507 Berlin, Germany

Par conformité, nous faisons référence à la conformité avec les exigences applicables des normes suivantes :

R&TTE: EN 300 328 V1.9.1

RED: EN 300 328 V2.1.1

EN 301 489-1 V1.9.2

EN 301 489-17 V2.2.1

EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +AC:2011 +A2:2013
compliant with the ICNIRP (1998) Occupational / Controlled Exposure Limits

Année de première application du marquage CE: 2014

Les séries de tests radio essentiels, telles que définies dans les normes harmonisées, ont été effectuées avec succès.

Détenteur du document: Motorola Solutions Germany GmbH, Am Borsigturm 130, D-13507 Berlin, Germany

Nous confirmons l'exactitude de cette traduction. Celle-ci est valable uniquement si elle est fournie avec la version anglaise d'origine signée.



EU-Konformitätserklärung (DoC-15042800099-B)

Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller. Der oben beschriebene Gegenstand der Erklärung erfüllt die einschlägigen Harmonisierungsrechtsvorschriften der Union:

Richtlinie 2011/65/EU (RoHS)

Richtlinie 2014/53/EU (RED)

Richtlinie 2013/35/EU (EMF)

Richtlinie 2012/19/EU (WEEE)

Richtlinie 1999/5/EG (R&TTE) Für die Länder, in denen die Richtlinie 2014/53/EU (RED) nicht in Kraft ist

Gegenstand der Erklärung: Bluetooth Accessories:

PMMN4097A, PMMN4097C - Mission Critical Wireless Mobile Gateway with accessories:

PMKN4033A mobile extension cable
for MotoTRBO and Astro APX radio platforms

Auf den Markt gebracht durch: Motorola Solutions Germany GmbH , Am Borsigturm 130, 13507 Berlin, Germany

Die Konformität wird durch die Einhaltung der geltenden Anforderungen der folgenden Standards gezeigt:

R&TTE: EN 300 328 V1.9.1
RED: EN 300 328 V2.1.1

EN 301 489-1 V1.9.2
EN 301 489-17 V2.2.1

EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +AC:2011 +A2:2013
compliant with the ICNIRP (1998) Occupational / Controlled Exposure Limits

Jahr der erstmaligen Anwendung der CE-Kennzeichnung: 2014

Die grundlegenden Testreihen wurden gemäß den angegebenen harmonisierten Standards durchgeführt.

Dokumentverwaltung: Motorola Solutions Germany GmbH, Am Borsigturm 130, D-13507 Berlin, Germany

Wir bestätigen die Richtigkeit dieser Übersetzung. Sie ist nur gültig, wenn sie mit der signierten englischen Originalversion bereitgestellt wurde.

Dichiarazione di conformità UE (DoC-15042800099-B)

La presente dichiarazione di conformità è rilasciata sotto l'esclusiva responsabilità del fabbricante. L'oggetto della dichiarazione di cui sopra è conforme alla pertinente normativa di armonizzazione dell'Unione:

Direttiva 2011/65/UE (RoHS)
Direttiva 2014/53/UE (RED)
Direttiva 2013/35/UE (EMF)
Direttiva 2012/19/UE (WEEE)
Direttiva 1999/5/CE (R&TTE) Per i paesi in cui la Direttiva 2014/53/UE (RED) non è in vigore

Oggetto della dichiarazione: Bluetooth Accessories:

PMMN4097A, PMMN4097C - Mission Critical Wireless Mobile Gateway with accessories:

PMKN4033A mobile extension cable
for MotoTRBO and Astro APX radio platforms

Commercializzato da: Motorola Solutions Germany GmbH , Am Borsigturm 130, 13507 Berlin, Germany

La conformità è dimostrata dalla rispondenza ai requisiti applicabili dei seguenti standard:

R&TTE: EN 300 328 V1.9.1
RED: EN 300 328 V2.1.1

EN 301 489-1 V1.9.2
EN 301 489-17 V2.2.1

EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +AC:2011 +A2:2013
compliant with the ICNIRP (1998) Occupational / Controlled Exposure Limits

Anno di prima applicazione del marchio CE: 2014

È stata eseguita la serie di prove radio essenziali, come definito nelle norme armonizzate citate.

Riferimento del documento: Motorola Solutions Germany GmbH, Am Borsigturm 130, D-13507 Berlin, Germany

Si conferma la correttezza di questa traduzione. È valida solo se fornita con la versione originale in inglese firmata.

Deklaracja zgodności UE (DoC-15042800099-B)

Niniejszą deklarację zgodności wydaje się na wyłączną odpowiedzialność producenta.
Wymieniony poniżej przedmiot niniejszej deklaracji jest zgodny z odpowiednimi wymaganiami unijnego prawodawstwa harmonizacyjnego:

Dyrektywa 2011/65/UE (RoHS)

Dyrektywa 2014/53/UE (RED)

Dyrektywa 2013/35/UE (EMF)

Dyrektywa 2012/19/UE (WEEE)

Dyrektywa 1999/5/WE (R&TTE) Dla krajów, w których Dyrektywa 2014/53/UE (RED) nie obowiązuje

Przedmiot deklaracji: Bluetooth Accessories:

PMMN4097A, PMMN4097C - Mission Critical Wireless Mobile Gateway with accessories:

PMKN4033A mobile extension cable
for MotoTRBO and Astro APX radio platforms

Wprowadzony do obrotu przez: Motorola Solutions Germany GmbH , Am Borsigturm 130, 13507 Berlin, Germany

Odwołania do norm, w odniesieniu do których deklarowana jest zgodność:

R&TTE: EN 300 328 V1.9.1

RED: EN 300 328 V2.1.1

EN 301 489-1 V1.9.2

EN 301 489-17 V2.2.1

EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +AC:2011 +A2:2013
compliant with the ICNIRP (1998) Occupational / Controlled Exposure Limits

Rok pierwszego umieszczenia oznakowania CE na produkcie: 2014

Przeprowadzono niezbędne testy radiowe określone w zharmonizowanych normach.

Właściciel dokumentu: Motorola Solutions Germany GmbH, Am Borsigturm 130, D-13507 Berlin, Germany

Potwierdzamy poprawność niniejszego tłumaczenia. Obowiązuje jedynie z podpisanym oryginałem w języku angielskim.



Declaración UE de conformidad (DoC-15042800099-B)

La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante. El objeto de la declaración descrito anteriormente es conforme con la legislación de armonización pertinente de la Unión:

Directiva 2011/65/UE (RoHS)

Directiva 2014/53/UE (RED)

Directiva 2013/35/UE (EMF)

Directiva 2012/19/UE (WEEE)

Directiva 1999/5/CE (R&TTE) Para los países en los que la Directiva 2014/53/UE (RED) no está en vigor

Objeto de la declaración: Bluetooth Accessories:

PMMN4097A, PMMN4097C - Mission Critical Wireless Mobile Gateway with accessories:

PMKN4033A mobile extension cable
for MotoTRBO and Astro APX radio platforms

introducido en el mercado por: Motorola Solutions Germany GmbH , Am Borsigturm 130, 13507 Berlin, Germany

La conformidad se acreditará mediante el cumplimiento de los requisitos aplicables de los siguientes estándares:

R&TTE: EN 300 328 V1.9.1

RED: EN 300 328 V2.1.1

EN 301 489-1 V1.9.2

EN 301 489-17 V2.2.1

EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +AC:2011 +A2:2013
compliant with the ICNIRP (1998) Occupational / Controlled Exposure Limits

Año de la primera aplicación de la marca CE: 2014

Se han efectuado los paquetes de prueba básicos de la radio, tal como se describe en los estándares armonizados citados.

Custodio de la documentación: Motorola Solutions Germany GmbH, Am Borsigturm 130, D-13507 Berlin, Germany

Confirmamos la exactitud de esta traducción. Solo es válida si se proporciona con la versión original en inglés firmada.