MOTOROLA SOLUTIONS

EU Declaration of Conformity (DoC-15032600081-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:
TLKR T40, T41 446MHz PMR
TLKR T40 IXUE2077E Red Color
TLKR T41 IXUE2082C Orange Color
TLKR T41 IXUE2093C Blue Color
TLKR T41 IXUE2099B Pink Color
TLKR T41 IXUE2100B Green Color
The above listed radio tanapas are part of below super tanapas (Twin packs):
IXUE2068E S/T TLKR-T40 Twin Pack
IXUE2083C S/T TLKR-T41 Blue Twin Pack
IXUE2084C S/T TLKR-T41 Orange Twin Pack
IXUE2097B TLKR-T41 Pink Twin Pack
IXUE2098B TLKR-T41 Green Twin Pack
IXUE2068ED S/T TLKR-T40 Twin Pack Direct Ship
IXUE2083CD TLKR-T41 Blue Twin Pack Direct Ship
IXUE2084CD TLKR-T41 Orange Twin Pack Direct Ship
IXUE2097BD S/T TLKR-T41 Pink Twin Pack Direct Ship
IXUE2098BD S/T TLKR-T41 Green Twin Pack Direct Ship

Superseded Remarks: This DoC supersedes DOC-15032600081-C

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

Conformity:

Radio Equipment, Article 3(2):

RED: EN 300 296-2 v2.1.1
RTTE: EN 300 296 - 1,2 V1.4.1

EMC, Article 3(1)b:

EN 301 489 - 1 V1.9.2,
EN 301 489 - 5 V1.3.1

Safety, Article 3(1)a:

EN 60950 - 1:2006 + A11:2009 + A1:2010 + A12:2011 + AC:2011 + A2:2013
compliant with the ICNIRP (1998) General Population / Uncontrolled Exposure
EN 50360:2001/A1:2012
EN 50566:2013

Year of first application of CE mark: 2015

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

BERLIN, 05-JUL-2017

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

i.V. Rüdiger Maurer

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

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MOTOROLA SOLUTIONS

ACCREDITED
TESTING CERT # 2518.05

Electromagnetic Energy (EME) Test Laboratory

Supporting evidence of compliance of models listed with applicable RF Energy exposure and measurement standards

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

Model Number	Type Designator	Description
IXUE2077E(P14MAA03A1BB)	N/A	TLKR-T40, PMR446, 8 CH, DISPLAY, RED COLOR
IXUE2082C (P14MAA03A1BJ)	N/A	TLKR-T41, PMR446, 8 CH, DISPLAY, ORANGE COLOR
IXUE2093C (P14MAA03A1BH)	NA	TLKR-T41, PMR446, 8 CH, DISPLAY, BLUE COLOR
IXUE2099B (P14MAA03A1BN)	NA	TLKR-T41, PMR446, 8 CH, DISPLAY, PINK COLOR
IXUE2100B (P14MAA03A1BP)	NA	TLKR-T41, PMR446, 8 CH, DISPLAY, GREEN COLOR

with the ICNIRP[1] limits for radio frequency (RF) energy exposure. These limits are part of comprehensive guidelines that establish permitted levels of RF energy exposures. The guidelines were developed by an independent scientific organization through periodic and thorough evaluations of scientific studies and endorsed by the World Health Organization (WHO). The ICNIRP guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The ICNIRP guidelines are also referenced in the European Council Recommendation 1999/519/EC[2], establishing limitation of exposure of the general public to electromagnetic fields, and the European Directive 2013/35/EU[3], forming the basis of the applicable exposure framework for workers.

The exposure standard employs a specification known as the Specific Absorption Rate (SAR), measured in units of watts per kilogram (W/kg). SAR tests of Motorola Solutions radios are conducted using standard operating positions while transmitting at nominal power with results scaled to its highest certified power level in all tested frequency bands.

The SAR tests and evaluations for these products were performed at the Motorola Solutions Electromagnetic Energy (EME) Test Laboratory, which has been certified to the ISO/IEC Guide 17025 by an independent accrediting agency, the American Association for Laboratory Accreditation (A2LA), in accordance with the applicable testing guidelines set forth in IEC62209-1 and published by CENELEC as EN62209-1, and also, in accordance with IEC62209-2 and published by CENELEC as EN62209-2.

As certified in our EME lab, these Motorola radio models, in all modes (side of head, on the body and in front of the face as applicable) and at its highest certified power level, is compliant with the ICNIRP general public SAR limit of 10g SAR limit of 2W/kg, as required in harmonized standards EN50360[4] and EN50566[5], as well as the ICNIRP occupational 10g SAR limit of 10 W/kg.

Sincerely,

Tiong Nguk Ing

Digitally signed by Tiong Nguk Ing
DN: cn=Tiong Nguk Ing, o=Motorola Solutions, ou=Regulatory Compliance Lab, email=n.l.tiong@motorolasolutions.com, c=MY
Date: 2017.06.19 23:09:17 +08'00'

Tiong Nguk In on behalf of Pei Loo Tey
Penang EME Laboratory Manager
DATE : 19-JUN-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] Council Recommendation of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz).
[3] 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).
[4] Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz - 3 GHz).
[5] Product standard to demonstrate compliance of radio frequency fields from handheld and body-mounted wireless communication devices used by the general public (30 MHz - 6 GHz).