



EU Declaration of Conformity (DoC-18010401092-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:

2014/53/EU Radio Equipment Directive (RED)
2011/65/EU Restriction of Hazardous Substances Directive (RoHS)
2012/19/EU Waste Electrical and Electronic Equipment Directive (WEEE)
2013/35/EU Electromagnetic Fields Directive (EMF)

Object of the Declaration: PIU and Piccolo-XR
Piccolo Interface and Distributed I/O System

PIU Model F4604B
Piccolo-XR Model F4614B
FLE6036D, 450 - 470 MHz

National Licensed Frequencies Only

This DoC supersedes DOC-18010401092-A

Placed On The Market By: Motorola Solutions Systems Polska Sp. z o.o. , Ul.Czerwone Maki 82, 30-392 Krakow, Poland

Conformity is shown by compliance with the applicable requirements of the following standards:

EN 300 113 V2.2.1

EN 301 489-1 V2.1.1
EN 301 489-5 V2.1.1

EN 62368-1:2014 +AC:2015 +A11:2017
Compliant with the ICNIRP (1998) General Population / Uncontrolled Exposure
EN 50566:2017

KRAKOW, 10-MAR-2021

Jacek Drabik
Country Manager Motorola Solutions Poland,
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Product Safety and Regulatory Compliance,
Motorola Solutions Germany GmbH, Berlin

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Electromagnetic Energy (EME) Test Laboratory

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

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

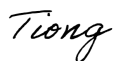
<u>Model Number</u>	<u>Type Designator</u>	<u>Description</u>
F4604B (FLE6036D)	N/A	PIU (Piccolo Interface Unit), UHF 450-470 MHz
F4614B (FLE6036D)	N/A	Piccolo XR Unit, UHF 450-470 MHz

with the ICNIRP¹ 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/EC², establishing limitation of exposure of the general public to electromagnetic fields, and the European Directive 2013/35/EU³, 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 were conducted in accordance with harmonised standard⁴ EN50360⁵ and EN50566⁶, 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 17025,⁷ show that said Motorola Solutions' portable device 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 general public SAR limit of 10g SAR limit of 2W/kg, as well as the ICNIRP occupational 10g SAR limit of 10 W/kg.

Sincerely,



Tiong Nguk Ing On behalf of Pei Loo Tey
Penang EME Laboratory Manager
Motorola Solutions, Inc.
Date: 16- March -2018

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 Directive 2014/53/EU of The European Parliament and of the Council of 16 April 2014 on the Harmonisation of the Laws of the Member States Relating to the Making Available on The Market of Radio Equipment and Repealing Directive 1999/5/EC

⁵ Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz - 3 GHz).

⁶ 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).

⁷ ISO/IEC 17025:2005. General requirements for the competence of testing and calibration laboratories.