MOTOROLA SOLUTIONS

ACCREDITED
TESTING CERT # 2518.05

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 device(s) model(s) with approved accessories

Model Number	Type Designator	Description
H98KGD9PW5BN	PMBR302DE	APX6000 / APX6000XE VHF Model 1.5
H98KGF9PW6BN	PMBR302ME	APX6000 / APX6000XE VHF Model 2.5
H98KGH9PW7BN	PMBR302PE	APX6000 / APX6000XE VHF Model 3.5
H99KGD9PW5BN	PMSR302DE	SRX2200 VHF Model 1.5
H99KGH9PW7BN	PMSR302PE	SRX2200 VHF Model 3.5

with the occupational ICNIRP[1] 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 RF 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 these Motorola Solutions devices indicate that they conform with the applicable SAR limits defined in harmonized[3] standard EN50360,[4] and EN50566,[5] using operating configuration(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,[6] show that these 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 limits for professional devices and occupational users,[7] and both the health and the sensory ELVs defined in Directive 2013/35/EU.[8]

Sincerely,

Tiong Nguk Ing

Digitally signed by Tiong Nguk Ing
Date: 2019.08.15 11:39:33 +08'00'

Tiong Nguk Ing on behalf of Pei Loo Tey
Penang EME Laboratory Manager
DATE : 15-AUG-2019

[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] 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.

[4] EN50360:2017 Product standard to demonstrate the compliance of wireless communication devices,with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 300 MHz to 6 GHz:devices used next to the ear.

[5] EN50566:2017 Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz:hand-held and body mounted devices in close proximity to the human body.

[6] ISO/IEC 17025 General requirements for the competence of testing and calibration laboratories.

[7] 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.

[8] 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.