

## Radio Wave Exposure and Specific Absorption Rate (SAR) Information

★Mobile Phone GSM/GPRS/EDGE 850/900/1800/1900&UMTS/HSPA Bands1/2/5&LTE Bands1/11/18

### United States

THIS PHONE MODEL HAS BEEN CERTIFIED IN COMPLIANCE WITH THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

The SOL23 Series mobile phones have been designed to comply with applicable safety requirements for exposure to radio waves. Your wireless phone is a radio transmitter and receiver. It is designed to not exceed the limits\* of exposure to radio frequency (RF) energy set by governmental authorities. These limits establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by international scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a safety margin designed to assure the safety of all individuals, regardless of age and health.

The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate (SAR). Tests for SAR are conducted using standardized methods with the phone transmitting at its highest certified power level in all used frequency bands. While there may be differences between the SAR levels of various phone models, they are all designed to meet the relevant guidelines for exposure to radio waves. For more information on SAR, please refer to the important information chapter in the User Guide.

The highest SAR value as reported to the authorities for this phone model when tested for use by the ear is 0.778 W/kg\*, and when worn on the body is 1.058 W/kg\*. For body-worn operation, the phone has been tested when positioned a minimum of 15 mm from the body without any metal parts in the vicinity of the phone or when properly used with an appropriate accessory and worn on the body. For devices which include "WiFi hotspot" functionality, SAR measurements for the device operating in WiFi hotspot mode were taken using a separation distance of 10mm. Use of third-party accessories may result in different SAR levels than those reported.

\*\* Before a phone model is available for sale to the public in the US, it must be tested and certified by the Federal Communications Commission (FCC) that it does not exceed the limit established by the government-adopted requirement for safe exposure\*. The tests are performed in positions and locations (i.e., by the ear and worn on the body) as required by the FCC for each model. The FCC has granted an Equipment Authorization for this phone model with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. While there may be differences between the SAR levels of various phones, all mobile phones granted an FCC equipment authorization meet the government requirement for safe exposure. SAR information on this phone model is on file at the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID PY7PM-0470. Additional information on SAR can be found on the Mobile Manufacturers Forum EMF website at <http://www.emfexplained.info/>.

\* In the United States, the SAR limit for mobile phones used by the public is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The standard incorporates a margin of safety to give additional protection for the public and to account for any variations in measurements.

\*\* This paragraph is only applicable to authorities and customers in the United States.

## FCC Statement for the USA

This device complies with Part 15 of the FCC rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Any change or modification not expressly approved by Sony Mobile Communications AB may void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



## Declaration of Conformity for SOL23

We, **Sony Mobile Communications AB** of  
Nya Vattentornet  
SE-221 88 Lund, Sweden  
declare under our sole responsibility that our product

### Sony type **PM-0470-BV**

and in combination with our accessories, to which this declaration relates is in conformity with the appropriate standards  
EN 301 511:V9.0.2, EN 301 489-7:V1.3.1, EN 301 908-1:V5.2.1, EN 301 908-2:V5.2.1, EN 301 908-13:V5.2.1, EN 301 893:V1.7.1, EN 301 489-24:V1.5.1, EN 300 440-2:V1.4.1, EN 301 489-3:V1.4.1, EN 300 328:V1.8.1, EN 301 489-17:V2.1.1, EN 302 291-2:V1.1.1, EN 62209-1:2006 and EN 60950-1:2006 +A11:2009+A1:2010+A12:2011  
following the provisions of Radio Equipment and Telecommunication Terminal Equipment Directive **1999/5/EC**.

Lund, August 2013

**CE 0682** 



Signature

Pär Thuresson

*Quality Officer, SVP, Quality & Customer Services*

われわれはR&TTE指令の要求事項を満たしています(1999/5/EC)  
We fulfill the requirements of the R&TTE Directive (1999/5/EC)