

## Joint Actions on Harmonised Products 2020

### JAHARP2020-1 [GA SI2.848971]

#### Work Package WP3: SAR measurements on connected portable devices

Brussels, 2021.12.06

## Invitation to provide information to support the Action and express non-binding interest in the task

### 1 Background

In the framework of Joint Market Surveillance Action JAHARP2020-1, a project co-funded by the European Union and coordinated by PROSAFE, one of the product activities (Work Package 3) concerns SAR measurements on connected portable devices. The activity involves the Market Surveillance Authorities of Belgium, Bulgaria, Cyprus, France, Greece, Latvia, the Netherlands and Sweden.

In the course of the activity, the Market Surveillance Authorities of each participating country will take samples of connected devices listed in the following table

| Type of appliance to be tested   | Test to be carried out  |
|--|---|
| 15 smartphones 4G and 5G   | all SAR tests for body, head, limb  |
| 5 headphones   | only Wi-Fi and Bluetooth for head and limb  |
| 5 tablets provided with Wi-Fi function.<br>Tablets operating at 4G or 5G will not be considered. | only Wi-Fi at 2,4 GHz and 5 GHz for body and limb   |
| 5 smartwatches for children  | only Wi-Fi and Bluetooth for head (depending on the type of appliance and its features) and limb.<br>If available also need to check smartwatches with 4G or 5G |

from the market and send them to a common test laboratory in order to verify their compliance with the applicable requirements.

The tests will be carried out based on the following standards, wherever applicable to the appliances and type of tests mentioned in the above table:

- EN 50360:2017 - 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;
- EN 50566:2017 - 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;

- EN 62209-1:2016 - Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Part 1: Devices used next to the ear (Frequency range of 300 MHz to 6 GHz);
- EN 62209-2:2010/A1:2019 - Human exposure to radio frequency fields from hand-held and body mounted wireless communication devices - Part 2: Procedure to determine the SAR for wireless communication devices used in close proximity to the human body (30MHz - 6GHz).

In particular it is underlined that the measurements will have to be realised following the procedures defined in standards EN 62209-1 and -2 (as they directly linked to the harmonised standard respectively EN 50360 and EN 50566).

In the coming months, PROSAFE will issue an open Call for Tenders for a laboratory to carry out the testing. The Call will be published on the PROSAFE Website<sup>1</sup>, and will also be circulated by e-mail to all known competent European Notified Bodies. The sampling and testing is expected to be carried out in the first semester of 2022.

PROSAFE is issuing this Expression of interests notice to all known competent test bodies to invite them to express their ex ante non-binding interest in the task and provide baseline information useful for the preparation of a Call for Tenders.

## 2 Objective and Scope

This Expression of Interest Notice does not entail any commitment, either financial or otherwise. This Notice serves as a non-binding, informal instrument for the purposes of collecting baseline information to support the Action in building a fit-for-purpose testing programme and therefore shaping the future tender. We are also surveying on the availability of services which meet the task requirements and assembling a list of prospective competent vendors that may be invited (although not exclusively) to submit a tender in the context of the Action, pursuant to the procedures specified in the EU Financial Regulation and Directive 2014/24/EU on public procurement.

It should be stressed that this Survey to collect data and expressions of Interest Notice does not constitute a Call for Tenders/a public procurement procedure in the sense of Directive 2004/18/EC of the European Parliament and of the Council or Directive 2014/24/EU of the European Parliament and of the Council.

We do not require bids or proposals. Therefore, information provided in response to this Notice is not of a contractual nature, it will not be used for the selection of test laboratories, and it will be treated as confidential.

By responding to this notice, you offer valuable information that would help us in building a fit-for-purpose test programme and shape the future call for tender. You may as well declare your general preliminary interest in working for us in the framework of this project.

PROSAFE reserves the right to accept or reject any or all replies to this Notice without incurring any obligation to inform the affected respondents of the grounds. PROSAFE is not bound to invite, contact or contract only vendors/laboratories registered in this list. Responses to this **Invitation**

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<sup>1</sup> <https://www.prosafe.org/>

does not automatically mean that you are eligible to be contracted for relevant task assignments. This will depend on fulfilment of the general and specific formal requirements and criteria set out in a future Call for Tenders. PROSAFE does not check eligibility or any other conditions at this stage, and your registration does not entail any entitlement to any project/WP-related assignments.

This **Invitation** satisfies all conditions ensuring transparency and equal treatment, avoiding disclosure of privileged information and/or privileged market positions that may distort competition.

### 3 Protection of personal data and confidentiality

If processing your expression of interest involves the recording and processing of personal and sensitive data (such as name, address, email, prices, etc.), such data will be processed pursuant to Regulation (EU) 2016/679 on data protection and privacy in the European Union and the European Economic Area. Your reply to this Notice and any personal or sensitive data provided in connection to the context described in Section 1 above will be processed by PROSAFE, which also acts as the data controller, solely for those purposes indicated above in Section 2.

### 4 Procedure

Please send your response by completing the three sections/Tables below as soon as possible, but no later than 31 December 2021, by e-mail to the PROSAFE Facilitator, Fabio Gargantini at [garganti@inwind.it](mailto:garganti@inwind.it), AND to [info@prosafa.org](mailto:info@prosafa.org) and [harp2020@prosafa.org](mailto:harp2020@prosafa.org).

For any clarification on any aspect of this Notice, please send an e-mail to Fabio Gargantini at [garganti@inwind.it](mailto:garganti@inwind.it), [info@prosafa.org](mailto:info@prosafa.org) and [harp2020@prosafa.org](mailto:harp2020@prosafa.org).

#### I) Identity of the laboratory

|                        |           |  |
|------------------------|-----------|--|
| Name of the laboratory |           |  |
| Address                |           |  |
| NB Number              |           |  |
| Contact person         | Name      |  |
|                        | E-mail    |  |
|                        | Telephone |  |

#### II) Test programme and number of samples

Please propose as follows a summary of the test programme, carried out for the products and in accordance with the standards mentioned under item 1.

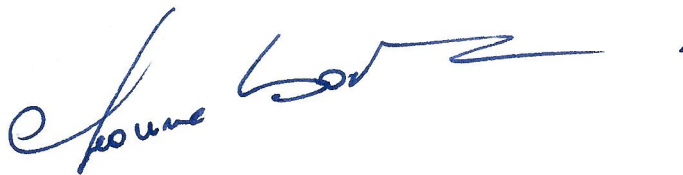
The tests should be specified with reference to the relevant clauses of the applicable standard.

An indicative cost for each test should be indicated (non-contractual).

| Test | Standard | Clause | Number of samples | Indicative cost (excl. VAT) |
|------|----------|--------|-------------------|-----------------------------|
|      |          |        |                   |                             |
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### III) Comments or suggestions

Please provide below any comments or suggestions that might help PROSAFE and the project group in the preparation of a Call for Tender.



This document arises from the Joint Market Surveillance Actions on Harmonised Products - JAHARP2020, which receive funding from the European Union for the action 'Joint enforcement actions for market surveillance of products in the EU'.

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