

The ANFR publishes new SAR measurements carried out on 14 mobile phones

Maisons-Alfort, March 8th, 2018 - The French Spectrum Agency (ANFR) publishes new SAR (specific absorption rate) measurements on 14 mobile phones collected in retail stores in France. These measurements are in accordance with European regulations (< 2 W/kg).

This publication builds on SAR measurements already published in June ([link](#)) then October ([link](#)) 2017. They provide better information to the public about the exposure due to mobile phones.

These measurements were intended to check the phones' compliance with the new requirements concerning 'trunk SAR', now more restrictive in Europe and which have been progressively enforced since 25 April 2016. All devices that were filed for access to the European market after this date are to be tested at a maximum body distance of 5 mm, instead of a maximum of 25 mm before.

The results indicate:

- an average value of 'trunk SAR' of 1.3 W/kg, with levels varying from 0.8 to 2 W/kg;
- an average value of 'head SAR' of 0.4 W/kg, with levels varying from 0.2 to 0.65 W/kg.

ANFR is also publishing all SAR reports collected since 2012, corresponding to 440 devices on sale on the French market. To facilitate their understanding, a commented version is put online ([link](#)) as well as a video illustrating ([link](#)) the method used by accredited laboratories for SAR measurement.

All the results for SAR measurements are now available in open data format, including full technical reports, from ANFR web site: <https://data.anfr.fr>

More information about SAR on our website:

<https://www.anfr.fr/controle-des-frequences/exposition-du-public-aux-ondes/le-das/presentation-du-das/#menu2>

The ANFR, a public agency placed under the Ministry of Economy, ensures the planning, management and control of the public domain formed by radioelectric frequencies. As part of its general mission to control the public exposure to radiofrequencies, ANFR carries out technical checks on mobile phones available on the French market to ensure that these devices fully comply with European regulations.



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ANNEX : List of the 14 new mobiles phones

Brand	Model	Check Date	Head SAR (Standard NF EN 50360)	Trunk SAR (Standard NF EN 50566)	Compliance distance (mm)	Compliance with standards
SONY	XPERIA X (F5121) PM-930-BV	28/09/2016		1.22	5	Compliant
ALCATEL	PIXI 4-4"	03/05/2017		1.23	5	Compliant
HUAWEI	NOVA (CAN-L11)	03/05/2017		1.44	5	Compliant
LG	G6 (LG-H870)	19/10/2017		1.26	5	Compliant
MOTOROLA	X4 (XT 1900-7)	09/11/2017		1.46	5	Compliant
TP LINK	NEFFOS Y5 TP802A	03/10/2017		1.59	5	Compliant
HTC	DESIRE 650 (2PYR120)	07/03/2017	0.533	1.9	5	Compliant
SONY	XPERIA XA1 (G3112) PM-1001-BV	11/05/2017		1.22	5	Compliant
THOMSON	T LINK 11	05/10/2017		1.25	5	Compliant
ALCATEL	SHINE LITE (5080X-3DALWE7)	21/02/2017	0.21	2	5	Compliant
HONOR	6A	20/09/2017	0.373	1.11	5	Compliant
ALCATEL	U5	20/09/2017	0.393	0.941	5	Compliant
SAMSUNG	GALAXY J3 2017	27/09/2017	0.65	1.34	5	Compliant
HUAWEI	P10 LITE	27/09/2017	0.353	0.821	5	Compliant