

5G, Health Risks and Precautionary Principle : A New Rationale





1G,2G,3G,4G and now 5G: Can we trust mobile phone manufacturers?

“We have the evidence that the answer is no, it's the Phonegate scandal”

Dr. Marc Arazi, President Phonegate Alert

What evidence do we have of overexposure to the waves of our mobile phones?

SAR control tests by the French national agency ANFR (10gr)

Independent SAR tests from the Chicago Tribune (1gr)

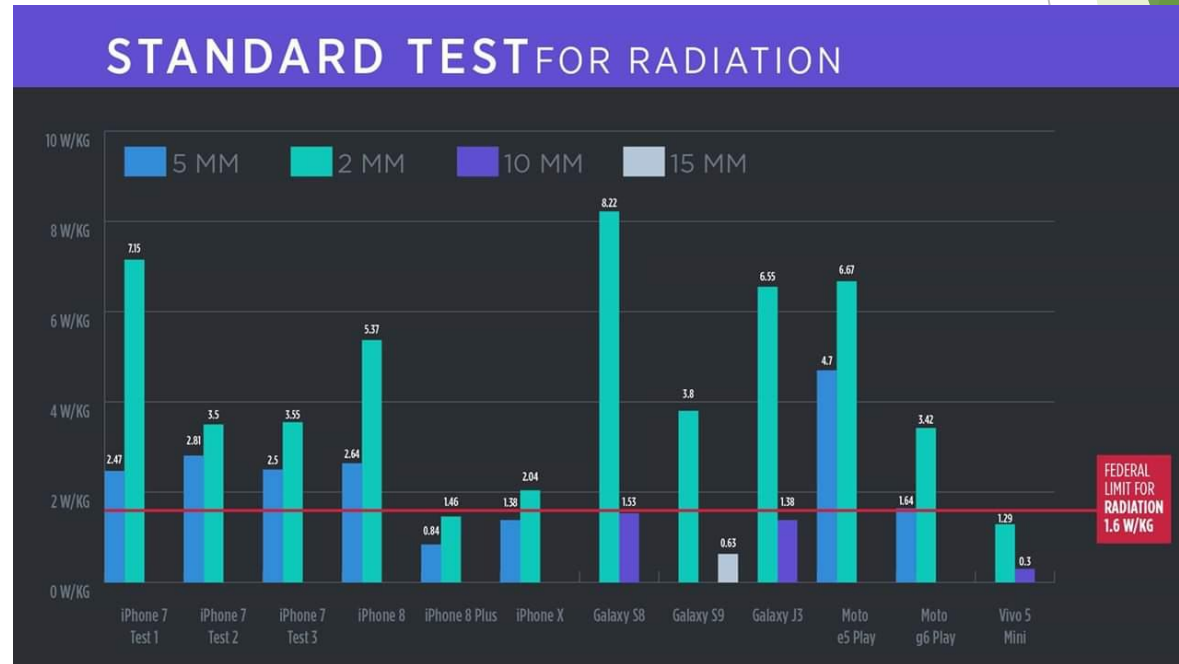
International Regulatory Failure To Protect Citizens
Cell Phone Radiation SAR Measurement

| Cell Phone | Manufacturer separation distance | 0 mm Body Contact simulation |
|--------------------|----------------------------------|------------------------------|
| Polaroid, PRO 881A | 1.05 W/kg | 7.42 W/kg |
| HTC, ONE SV | 0.366 W/kg | 7.18 W/kg |
| Blackberry Z10 | 0.934 W/kg | 6.80 W/kg |
| NOKIA, Lumina 530 | 0.86 W/kg | 6.57 W/kg |
| Apple, IPHONE 5 | 1.45 W/kg | 5.32 W/kg |
| Apple IPHONE 7 | 1.34 W/kg | ? |

SAR LIMIT 2 W/kg

ANFR France Test Levels for 379 Phones

The equivalent US FCC SAR for body contact is higher.



Is European regulation sufficiently protective of the health and safety of users?

In France already 17 models sanctioned

- ▶ [Alcatel](#) PIXI 4-6''
- ▶ [Echo](#) Star Plus
- ▶ [Huawei](#) Honor 8
- ▶ [Wiko](#) Tommy2 (Bouygues Telecom version),
- ▶ [Hisense](#) F23
- ▶ [Wiko](#) View
- ▶ [Archos](#) Access 50
- ▶ [Logicom](#) M BOT 60
- ▶ [Xiaomi](#) Redmi Note 5 and Mi Mix 2S
- ▶ [Nokia](#) 5, 3 and 6.1
- ▶ Hapi 30 (Orange)
- ▶ Neffos X1 TP 902
- ▶ Leagoo S8
- ▶ Allview X4 soul mini S

None in other European countries



What emergencies for European authorities ?



European Parliament

- ▶ Finalize the development of reliable indicators to measure the real exposure of users
- ▶ Impose on the industry a regulation respectful of the health of the users
- ▶ Ensure appropriate control
- ▶ Set up major public information and prevention campaigns
- ▶ Generalize the prohibition of the mobile phone before the age of 14 years.
- ▶ Strengthen policies for independent scientific research, taking into account new discoveries

How to properly inform and protect user's health?



- ▶ Keeping the phone away from the body
- ▶ Reducing cell phone use when the signal is weak
- ▶ Reducing the use of cell phones to stream audio or video, or to download or upload large files
- ▶ Keeping the phone away from the bed at night
- ▶ Removing headsets when not on a call

“ What will happen with Phonegate Alert when the new 5G mobiles go out to the market ?

We must now open our eyes to the fact that this industry has not hesitated to deceive us by overexposing us well beyond the levels of risk to our health. It is therefore not possible to have more confidence in them regarding the arrival of 5G technologies. The Phonegate scandal will reveal the hidden facade of an industry that earned \$1,005,000,000,000 in 2017 without worrying about the health and environmental consequences.

Here is my answer to journalists who ask me about 5G

“The Phonegate scandal is the absolute weapon against the development of 5G



THANK YOU FOR LISTENING

