

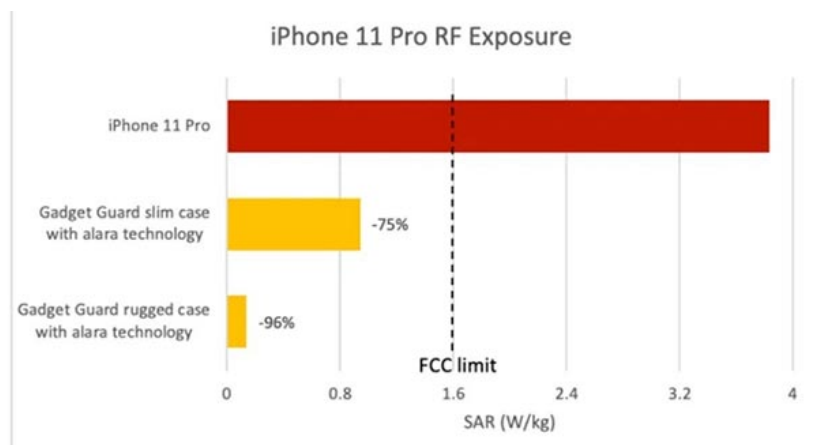
Radiation emitted from iPhone 11 Pro exceeds the allowed level 2 times, 3 times higher than announced

Bad news for iPhone 11 Pro users.

We know that smartphones are a type of electronic device that uses radio waves, and exposure to radio frequency radiation (RF) can lead to serious health problems. SAR (Specific Absorption Rate) is an indicator that reflects how much radiation your phone is using. In other words, this is an indicator that reflects the extent to which body tissues absorb radiation energy while using a mobile phone. The phone is a radio transceiver, so electromagnetic emissions are inevitable. The problem is that phones with a lower SAR will be considered safe, and of course there is a separate SAR threshold on a consumer electronics device, set by the United States Federal Communications Commission (FCC) or European Union (EU). Every device manufacturer must test the device's RF exposure before releasing it on the market.

According to FCC regulations, the maximum exposure level (SAR) on mobile phones is 1.6W / kg (for EU, it is 2W / kg). Devices with SAR below this level are considered safe for daily use.

Apple claims that the highest SAR value of the iPhone 11 Pro is 1.18W / kg. However, a new study conducted at the independent RF Exposure laboratory in San Marcos, California, showed that the SAR of the iPhone 11 Pro was abnormally high, at 3.8W / kg, which is almost double. compared to the safety limit set by the FCC, and 3 times more than what Apple claims.



Apple has not yet responded to this report, but most likely the issue lies with the FCC's appraisal process. In fact, the FCC only provides a regulatory scale and does not directly check the radiation level of the devices it approves. Instead, manufacturers, such as Apple, will bring their products to an independent laboratory for testing and if the index does not exceed the specified threshold, the FCC will approve the transmitter. onions. This has led to doubts about the honesty of manufacturers in the evaluation of the SAR index.

The World Health Organization (WHO) does not claim that smartphone radiation can cause serious human illness, but animal studies show that RF exposure can cause cancer and headaches. , along with a number of fertility issues, especially for men.

While waiting for a response from Apple, if you own an iPhone 11 Pro, you can limit your exposure to RF radiation yourself by using hands-free options, such as using an external speaker or headphones when listening. phone, switch device to airplane mode when not in use.

You finished reading the article "**Radiation emitted from iPhone 11 Pro exceeds the allowed level 2 times, 3 times higher than announced**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.