

本製品の比吸収率(SAR)について

↓ 携帯電話機の比吸収率(SAR)について

↓ 米国連邦通信委員会(FCC)の電波ばく露の影響に関する情報

携帯電話機の比吸収率(SAR)について

この機種の携帯電話機は、国が定めた電波の人体吸収に関する技術基準および国際ガイドラインに適合しています。

この携帯電話機は、国が定めた電波の人体吸収に関する技術基準(※1)ならびに、これと同等な国際ガイドラインが推奨する電波防護の許容値を遵守するよう設計されています。この国際ガイドラインは世界保健機関(WHO)と協力関係にある国際非電離放射線防護委員会(ICNIRP)が定めたものであり、その許容値は使用者の年齢や健康状況に関係なく十分な安全率を含んでいます。

国の技術基準および国際ガイドラインは電波防護の許容値を人体に吸収される電波の平均エネルギー量を表す比吸収率(SAR: Specific Absorption Rate)で定めており、携帯電話機に対するSARの許容値は2.0W/kgです。この携帯電話機の側頭部におけるSARの最大値は〇〇W/kg(※2)、身体に装着した場合のSARの最大値は〇〇W/kg(※2)です。個々の製品によってSARに多少の差異が生じることもありますが、いずれも許容値を満たしています。

携帯電話機は、携帯電話基地局との通信に必要な最低限の送信電力になるよう設計されているため、実際に通話等を行っている状態では、通常SARはより小さい値となります。

この携帯電話機は、側頭部以外の位置でも使用可能です。キャリングケース等のアクセサリをご使用するなどして、身体から0.5センチ以上離し、かつその間に金属(部分)が含まれないようにしてください。このことにより、この携帯電話機が国の技術基準および電波防護の国際ガイドラインに適合していることを確認しています。

世界保健機関は、『携帯電話が潜在的な健康リスクをもたらすかどうかを評価するために、これまで20年以上にわたって多数の研究が行われてきました。今日まで、携帯電話使用によって生じるとされる、いかなる健康影響も確立されていません。』と表明しています。

さらに詳しい情報をお知りになりたい場合には世界保健機関のホームページをご参照ください。

<https://www.who.int/news-room/fact-sheets/detail/electromagnetic-fields-and-public-health-mobile-phones>

SARについて、さらに詳しい情報をお知りになりたい場合は、下記のホームページをご参照ください。

総務省のホームページ

<https://www.tele.soumu.go.jp/j/sys/ele/index.htm>

一般社団法人電波産業会のホームページ

<https://www.arib-empf.org/01denpa/denpa02-02.html>

※1 技術基準については、電波法関連省令(無線設備規則第14条の2)に規定されています。

※2 携帯電話サービスと同時に使用可能な無線機能を含みます。

米国連邦通信委員会(FCC)の電波ばく露の影響に関する情報

この携帯電話機は無線送受信機器です。この携帯電話機は米国連邦通信委員会(FCC)によって要件として定められた許容値以下となるように設計及び製造されています。この許容値は独立した科学機関が定期的かつ周到に科学的研究を行った結果策定された基準に基づいています。この基準は使用者の年齢や健康状態にかかわらず十分に安全な値となっています。

携帯電話機から送出される電波の人体に対する影響は、比吸収率(SAR: Specific Absorption Rate)という単位を用いて測定します。FCCで定められているSARの許容値は、1.6 W/kgとなっています。

測定試験は機種ごとにFCCが定めた位置で実施され、本携帯電話機の側頭部におけるSARの最大値は0.00 W/kg、下記に従い身体に装着した場合のSARの最大値は0.00 W/kg です。

身体装着の場合:この携帯電話機は、一般的な装着法として身体から1.0センチに距離を保ち携帯電話機の背面を身体に向ける位置で測定試験を実施しています。FCCの電波ばく露要件を満たすためには、上記の距離に携帯電話機を固定できる装身具を使用し、ベルトクリップやホルスターなどには金属部品の含まれていないものを選んでください。上記の条件に該当しない装身具は、FCCの定める要件を満たさない場合もあるので使用を避けてください。

FCCは報告されたすべてのSARレベルが電波ばく露要件に準拠していることを確認し、この携帯電話機の認証を付与しています。この携帯電話機に関して提出されたSAR情報は、FCC ID検索ウェブページでFCC ID JOYPC9699を検索することで見つけることができます:

<https://www.fcc.gov/oet/ea/fccid>

比吸収率(SAR)に関するさらに詳しい情報をお知りになりたい場合は下記のホームページを参照してください。

FCC Radio Frequency Safety (英文のみ)

<https://www.fcc.gov/general/radio-frequency-safety-0>

Specific Absorption Rate (SAR) for This Product

↓ [Specific Absorption Rate \(SAR\) Information of This Product \(for Japan\)](#)

↓ [FCC RF Exposure Information](#)

↓ [FCC Notice](#)

↓ [FCC Compliance Information](#)

Specific Absorption Rate (SAR) Information of This Product (for Japan)

This mobile phone complies with the Japanese technical regulations and international guidelines regarding exposure to radio waves.

This mobile phone was designed in observance of the Japanese technical regulations regarding exposure to radio waves (*1) and the limits of exposure recommended in the international guidelines, which are equivalent to each other. The international guidelines were set out by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), which is in collaboration with the World Health Organization (WHO), and the permissible limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health conditions.

The technical regulations and the international guidelines set out the limits of exposure to radio waves as the Specific Absorption Rate, or SAR, which is the value of absorbed energy in any 10 grams of human tissue over a 6-minute period. The SAR limit for mobile phones is 2.0 W/kg. The highest SAR value for this mobile phone when tested for use near the head is ○○ W/kg (*2), and that when worn on the body is ○○ W/kg (*2). There may be slight differences of the SAR values in individual product, but they all satisfy the limit.

The actual value of SAR of this mobile phone while operating can be well below the indicated above. This is due to automatic changes in the power level of the device to ensure it only uses the minimum power required to access the network.

This mobile phone can be used at positions other than against your head. By using accessories such as a belt clip holster that maintains a 0.5 cm separation with no metal (parts) between it and

the body, this mobile phone is certified the compliance with the Japanese technical regulations.

The World Health Organization has stated that "a large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established as being caused by mobile phone use."

Please refer to the WHO website if you would like more detailed information.

<https://www.who.int/news-room/fact-sheets/detail/electromagnetic-fields-and-public-health-mobile-phones>

Please refer to the websites listed below if you would like more detailed information regarding SAR.

Ministry of Internal Affairs and Communications Website:

<https://www.tele.soumu.go.jp/e/sys/ele/index.htm>

Association of Radio Industries and Businesses Website:

<https://www.arib-emf.org/01denpa/denpa02-02.html> (in Japanese only)

*1 The technical regulations are provided in Article 14-2 of the Radio Equipment Regulations, a Ministerial Ordinance of the Radio Act.

*2 Including other radio systems that can be simultaneously used with 5G/LTE.

FCC RF Exposure Information

This mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limit for exposure to radio frequency (RF) energy required by the Federal Communications Commission (FCC). The limit is based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health conditions.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6 W/kg.

The tests are performed in positions and locations as required by the FCC. The highest SAR value for this handset when tested for use near the head is ○○ W/kg, and that when worn on the body as shown below is ○○ W/kg.

Body-worn Operation: This mobile phone was tested for typical body-worn operations with the separation distance of 1.0 cm from the body. To maintain compliance with FCC RF exposure

requirements, use accessories that maintain the above separation distance between the user's body and the mobile phone. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with the FCC RF exposure requirements and should be avoided.

The FCC has granted an equipment authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure requirements. Filed SAR information of this mobile phone can be found by searching FCC ID JOYPC9699 in the FCC ID Search webpage: <https://www.fcc.gov/oet/ea/fccid>.

Additional information on SAR can be found on the FCC website at <https://www.fcc.gov/general/radio-frequency-safety-0>.

FCC Notice

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.

Note:

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 circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help and for additional suggestions.

Warning

The user is cautioned that changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC Compliance Information

The product is certified by Federal Communications Commission (FCC).

The FCC ID of this product is JOYPC9699.

Or you can check as follows.

How to check:

In Home Screen, (Settings) **About phone** **Technical regulations conformity certification**