

## Model: FP4



### Frequency bands and maximum power

| Frequency bands               | Maximum power (dBm) |
|-------------------------------|---------------------|
| GSM 900 MHz                   | 33.50               |
| GSM 1800 MHz                  | 30.50               |
| UMTS bands 1                  | 24.00               |
| UMTS bands 8                  | 24.50               |
| LTE bands 1                   | 24.00               |
| LTE bands 3                   | 24.00               |
| LTE bands 7                   | 24.50               |
| LTE bands 8                   | 25.00               |
| LTE bands 20                  | 25.00               |
| LTE bands 28                  | 25.00               |
| LTE bands 38                  | 24.50               |
| LTE bands 40                  | 24.50               |
| 5G NR n1                      | 24.50               |
| 5G NR n3                      | 24.50               |
| 5G NR n7                      | 24.50               |
| 5G NR n8                      | 25.00               |
| 5G NR n20                     | 25.00               |
| 5G NR n28                     | 25.00               |
| 5G NR n38                     | 24.50               |
| 5G NR n41                     | 24.50               |
| 5G NR n77                     | 24.50               |
| 5G NR n78                     | 27.00               |
| NFC 13.56 MHz                 | -16.66 dBμA/m @10m  |
| Bluetooth 5.1                 | 12.31               |
| WIFI 2.4Ghz                   | 17.82               |
| WIFI 5G Band 1 (5150-5250MHz) | 14.79               |
| WIFI 5G Band 2 (5250-5350MHz) | 13.96               |
| WIFI 5G Band 3 (5470-5725MHz) | 14.00               |
| WIFI 5G Band 4 (5725-5850MHz) | 12.94               |

This smartphone is cataloged as radio equipment subject to restrictions under the EU RED Directive (2014/53/EU) and UK RER 2017, meaning that FP4 is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

|  |    |  |    |    |    |    |    |    |    |        |    |
|--|----|--|----|----|----|----|----|----|----|--------|----|
|  | UK |  | AD | AT | BE | BG | CH | CY | CZ | DE     | DK |
|  |    |  | EE | EL | ES | FI | FR | HR | HU | IE     | IT |
|  |    |  | LI | LT | LU | LV | MT | MC | NL | NO     | PL |
|  |    |  | PT | RO | SE | SI | SK | SM | VA | UK(NI) |    |

### RF Exposure Information (SAR)

This device has been tested and meets applicable limits for Radio Frequency (RF) exposure. Specific Absorption Rate (SAR) refers to the rate at which the body absorbs RF energy. SAR limits (Head and Body) is 2.0 W/kg (averaged over 10 grams of tissue) in countries that follow the Council of the European Union and United British limit. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. To reduce exposure to RF energy, use a hands-free accessory or other similar option to keep this device away from your head and body. **Carry this device at least 0.5cm away** from your body to ensure exposure levels remain at or below the as-tested levels. Choose the belt clips, holsters, or other similar body-worn accessories which do not contain metallic components to support operation in this manner. Cases with metal parts may change the RF performance of the device, including its compliance with RF exposure guidelines, in a manner that has not been tested or certified, and use such accessories should be avoided.

The Specific SAR values for your Fairphone are: 0.494 W/kg (head), 0.993 W/kg (body), and 2.916 W/kg (limb). The Fairphone SAR was measured in a certified laboratory and is available at <https://www.fairphone.com/en/legal/>.

# FCC ID: 2AUWUFP4

This mobile phone 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.

This mobile phone 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 a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Note:

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## RF Exposure Information (SAR)

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the United States.

During SAR testing, this device was set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage against the head with no separation, **and near the body with the separation of 10mm. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value.** The exposure standard for wireless devices employing a unit of measurement is known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.

This device is complied with SAR for general population /uncontrolled exposure limits in ANSI/IEEE C95.1-1992 and had been tested in accordance with the measurement methods and procedures specified in IEEE1528.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines.

**The specific SAR value for your Fairphone are: 0.98 W/kg (head), 0.72 W/kg (Body-worn)**

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