

Frequency Range:

GSM 900: 880 MHz to 915 MHz

GSM1800: 1710 MHz to 1785 MHz

WCDMA Band I: 1922.4 MHz to 1977.6 MHz

WCDMA Band VIII: 882.4 MHz to 912.6 MHz

LTE Band 1: 1920 MHz to 1980 MHz

LTE Band 3: 1710 MHz to 1785 MHz

LTE Band 7: 2500 MHz to 2570 MHz

LTE Band 8: 880 MHz to 915 MHz

LTE Band 20: 832 MHz to 862 MHz

WLAN 802.11b/g/n20: 2412 to 2472MHz

WLAN 802.11n40: 2422 to 2462MHz

Bluetooth: 2402 MHz to 2480 MHz

GPS: 1575.42MHz

FM: 87.5 MHz to 108 MHz

Galileo: 1575.42 MHz

Transmit Power Range(s):

GSM 900:34.07dBm

GSM1800:30.38dBm

WCDMA Band I:23.43 dBm

WCDMA Band VIII:23.69 dBm

LTE:

Band 1: 24.15 dBm

Band 3: 23.88 dBm

Band 7: 24.72 dBm

Band 8: 23.93 dBm

Band 20: 24.19 dBm

Band 28: 23.84 dBm

Band 34: 24.07 dBm

Band 38: 23.37 dBm

2.4G WLAN:16.26 dBm

BT EDR: 7.32 dBm

BT BLE: 0.21 dBm

FCC Warning

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.

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

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

Specific Absorption Rate (SAR) information:

This smart phone meets the government's requirements for exposure to radio waves. The guidelines are 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 or health.

FCC RF Exposure Information and Statement

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: smart phone ([FCC ID:2A9SN-A161](#)) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is [0.577W/kg](#) and when properly worn on the body is [0.663W/kg](#). This device was tested for typical body-worn operations with the back of the handset kept 10mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 10mm separation distance between the user's body and the back of the handset. 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 FCC RF exposure requirements, and should be avoided.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 10mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.