

smartphone must accept any interference received, including interference that may cause undesired operation.

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

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 manufacturer's instructions, may cause interference harmful to radio communications.

There is no guarantee, however, 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 on and turning off the equipment, 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 to an outlet on a circuit different from that to which the receiver is connected, or consult the dealer or an experienced radio or TV technician for help.

US Information Concerning the Federal Communications Commission ("FCC") Requirements for Hearing Aid Compatibility with Wireless Devices

When wireless devices are used near hearing devices (such as hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference, and wireless devices also vary in the amount of interference that they generate.

The wireless telephone industry has developed ratings to assist hearing device users in finding wireless devices that may be compatible with their hearing devices. Not all wireless devices have been rated. Wireless devices that are rated will have the rating displayed on the box together with other relevant approval markings.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device is vulnerable to interference, you may not be able to use a rated wireless device successfully.

Consulting with your hearing health professional and testing the wireless device with your hearing device is the best way to evaluate it for your personal needs.

This smartphone has been tested and rated for use with hearing aids for some of the wireless technologies that the smartphone uses. However, other wireless technologies may be used in this smartphone that have not been tested for use with hearing aids. It is important to try the different features of your smartphone thoroughly and in different locations to determine if you hear any interfering noise when using this smartphone with your hearing aid or cochlear implant. Consult your wireless service provider about its return and exchange policies, and for information about hearing aid compatibility.

How the ratings work

M-Ratings: Wireless devices rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than wireless devices that are not labeled. M4 is the better or higher of the two ratings.

T-Ratings: Wireless devices rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated wireless devices. T4 is the better or higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from wireless devices.

For more information about the actions that the FCC has taken with regard to hearing aid compatibility with wireless devices and other steps that the FCC has taken to ensure that individuals with disabilities have access to telecommunications services, visit www.fcc.gov/cgb/dro.

Additional regulatory conformance

Specific details about compliance to the standards and regulatory bodies for your smartphone may be obtained from BlackBerry.

For additional Type Approval information, go to the Regulatory Approvals drop-down list on the About screen in the Settings app on your smartphone.

Product information:BlackBerry [REDACTED] STA100-4 smartphone

Mechanical properties:

Weight: approximately 6 oz (171 g) including lithium-ion cell battery

Size (L x W x H): 5.5 x 2.8 x 0.4 in. (140.7 x 72 x 9.7 mm)

2 GB RAM, 16 GB flash memory, micro SD card slot

Power specifications:

Non-removable, rechargeable lithium-ion cell battery

Supports 3V, 1.8V micro SIM cards

Port compatibility for data synchronization and charging: micro USB 2.0

Mobile network radio specifications for model number RGB141LW:

Single-band LTE support: PCS 1900 MHz band

Quad-band HSPA+ support: UMTS 800/UMTS 850, UMTS 900, PCS 1900, IMT 2100 MHz band

Quad-band GSM support: GSM 850, GSM 900, DCS 1800, PCS 1900 MHz band

Tri-band CDMA support: CDMA 800, CDMA Secondary 800, PCS 1900 MHz band

Power class: Class 1 (DCS 1800, PCS 1900), Class 4 (GSM 850) as defined in GSM 5.05, Class 4 (GSM 900) as defined in GSM 02.06, Class E2 (GSM 850, GSM 900, DCS 1800, PCS 1900), Class 3 (CDMA 800, UMTS, LTE), Class 2 (CDMA)

Transmitting frequency: 817 to 824 MHz, 824 to 849 MHz, 880 to 915 MHz, 1710 to 1785 MHz, 1850 to 1910 MHz, 1850 to 1915 MHz, 1920 to 1980 MHz

Receiving frequency: 862 to 869 MHz, 869 to 894 MHz, 925 to 960 MHz, 1805 to 1880 MHz, 1930 to 1990 MHz, 1930 to 1995 MHz, 2110 to 2170 MHz

Wi-Fi network radio specifications:

Wireless LAN standard: IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n

Transmitting and receiving frequency for IEEE 802.11b/IEEE 802.11g/IEEE 802.11n: 2.412 to 2.472 GHz

Transmitting and receiving frequency for IEEE 802.11a/IEEE 802.11n: 5.180 to 5.825 GHz

Bluetooth radio specifications:

Single-band support: ISM 2.4 GHz

Transmitting and receiving frequency: 2402 to 2480 MHz

Bluetooth Class 1.5

If your smartphone supports NFC technology, the following specifications apply:

Operating frequency: 13.56 MHz

Supported modes: reader/writer, card emulation, peer-to-peer

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