

Smartphone	FCC ID
BlackBerry Passport SQW100-4 smartphone (model number RHR191LW)	L6ARHR190LW

Additional information on SAR can be found at www.ctia.org (CTIA - The Wireless Association), or www.tele.soumu.go.jp/e/index.htm (Telecommunications Bureau of the Ministry of Internal Affairs and Communications).

* In the United States and Canada, the SAR limit for mobile devices used by the public is 1.6W/kg averaged over 1 g of tissue for the body or head (4.0W/kg averaged over 10 g of tissue for the extremities - hands, wrists, ankles, and feet).

** In Europe, the SAR limit for mobile devices used by the public is 2.0W/kg averaged over 10 g of tissue for the body or head (4.0W/kg averaged over 10 g of tissue for the extremities - hands, wrists, ankles, and feet). Studies suggest that the standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

FCC compliance statement (United States)

FCC Class B Part 15

This smartphone complies with Part 15 of the Federal Communications Commission (FCC) Rules. Operation is subject to the following two conditions: (1) this smartphone may not cause harmful interference, and (2) this 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/ctra.

Industry Canada certification

This smartphone complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following conditions: (1) this smartphone may not cause interference, and (2) this smartphone must accept any interference, including interference that may cause undesired operation of the smartphone.

The BlackBerry Passport SQW100-4 smartphone (model number RHR191LW) complies with Industry Canada RSS 102, RSS 130, RSS 132, RSS 133, RSS 139, RSS 199, RSS-GEN, and RSS 210 under certification number 2503A-RHR190LW.

The smartphone for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

The maximum antenna gain permitted for smartphones in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the EIRP limit.

The maximum antenna gain permitted for smartphones in the band 5725-5825 MHz shall comply with the EIRP limits specified for point-to-point and non point-to-point operation as appropriate.

Be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN smartphones.

Class B compliance

This smartphone complies with the Class B limits for radio noise emissions as set out in the interference-causing equipment standard entitled "Information Technology Equipment (ITE) – Limits and methods of measurement," ICES-003 of Industry Canada.

EU regulatory conformance

BlackBerry hereby declares that this smartphone is in compliance with the essential requirements and other relevant provisions of Radio and Telecommunications Terminal Equipment (R&TTE) Directive 1999/5/EC.



BlackBerry Passport SQW100-4 smartphone (model number RHR191LW):

The Declaration of Conformity made under Directive 1999/5/EC (HG nr.88/2003) is available for viewing at www.blackberry.com/go/declarationofconformity.

If you have a Wi-Fi enabled smartphone, your smartphone may be operated on Wi-Fi networks in all European Union member countries. This equipment may be operated in Turkey.

The Official Journal of the European Union Commission Decision of 12 February 2007 states that in the frequency band 5.150 to 5.350 GHz, wireless access systems (WAS), including radio local area networks (RLANs), shall be restricted to indoor use. Since the creation of a network is within the domain of the wireless access point and the access point is a master device, this smartphone never initiates the creation of a network or attaches to a network in ad-hoc mode in the 5.150 to 5.350 GHz frequency band.

Additional regulatory conformance

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

The laser sensor module used in this smartphone is in conformance with the following International Electrotechnical Commission (IEC) standard: IEC/EN 60825-1 2007-03 ED 2.0.

To view FCC ID, IC Certification Number, model, and compliance information for your smartphone, swipe down from the top of the home screen. Tap **Settings** > **About**, and select **Regulatory Approvals** from the drop-down list.

Product information: BlackBerry Passport SQW100-4 smartphone

Mechanical properties:

Weight: approximately 7.16 oz (203 g) including lithium-ion battery

Size (L x W x H): 5.2 x 3.6 x 0.36 in., with 0.38 in. at the camera (131.4 x 90.5 x 9.3 mm, with 9.8 mm at the camera)

3 GB memory, 32 GB application storage, microSD card slot

The following laser sensor module properties might apply to your smartphone:

Class 1 laser product

Maximum average radiated power: 0.18 mW

Power specifications:

Non-removable, rechargeable lithium-ion battery

Supports 3V, 1.8V nano SIM cards

Port compatibility for data synchronization and charging: micro USB 2.0

Mobile network radio specifications:

LTE band support: LTE 700, LTE 800, LTE 850, LTE 900, LTE 1700, LTE 1800, LTE 1900, LTE 2100, LTE 2600 MHz bands

HSPA+ band support: UMTS 800/UMTS 850, UMTS 900, AWS 1700, PCS 1900, IMT 2100 MHz bands

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

Power class: Class 1 (DCS 1800, PCS 1900), Class 3 (UMTS, LTE), 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)

Transmitting frequency: 704 to 716 MHz, 777 to 787 MHz, 824 to 849 MHz, 832 to 862 MHz, 880 to 915 MHz, 880 to 950 MHz, 1710 to 1755 MHz, 1710 to 1785 MHz, 1850 to 1910 MHz, 1920 to 1980 MHz, 2500 to 2570 MHz

Receiving frequency: 734 to 746 MHz, 746 to 756 MHz, 791 to 821 MHz, 869 to 894 MHz, 925 to 960 MHz, 1805 to 1880 MHz, 1930 to 1990 MHz, 2110 to 2155 MHz, 2110 to 2170 MHz, 2620 to 2690 MHz

Wi-Fi network radio specifications:

Wireless LAN standard: IEEE 802.11a, IEEE 802.11ac, IEEE 802.11b, IEEE 802.11g, IEEE 802.11k, IEEE 802.11n, IEEE 802.11r

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

Transmitting and receiving frequency for IEEE 802.11a/IEEE 802.11ac/IEEE 802.11k/IEEE 802.11n/IEEE 802.11r: 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

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

Operating frequency: 13.56 MHz

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

Legal notice

©2015 BlackBerry. All rights reserved. BlackBerry® and related trademarks, names and logos are the property of BlackBerry Limited and are registered and/or used in the U.S. and countries around the world. Bluetooth is a trademark of Bluetooth SIG. Call2Recycle is a trademark of Call2Recycle, Inc. CTIA - The Wireless Association is a trademark of CTIA - The Wireless Association. GSM is a trademark of the GSM MOU Association. IEEE Std 1725, IEEE 802.11a, 802.11b, 802.11g, IEEE 802.11ac, 802.11k, 802.11r, and 802.11n are trademarks of the Institute of Electrical and Electronics Engineers, Inc. LTE and UMTS are trademarks of European Telecommunications Standards Institute (ETSI). Wi-Fi is a trademark of the Wi-Fi Alliance. All other trademarks are the property of their respective owners. This documentation including all documentation incorporated by reference herein such as documentation provided or made available on the BlackBerry website is provided "as is" and without condition, endorsement, guarantee, representation or warranty, or liability of any kind by BlackBerry Limited and its affiliated companies, all of which are expressly disclaimed to the maximum extent permitted by applicable law in your jurisdiction.

The terms of use of any BlackBerry product or service are set out in a separate license or other agreement with BlackBerry applicable thereto. NOTHING IN THIS DOCUMENTATION IS INTENDED TO SUPERSEDE ANY EXPRESS WRITTEN AGREEMENTS OR WARRANTIES PROVIDED BY BLACKBERRY FOR PORTIONS OF ANY BLACKBERRY PRODUCT OR SERVICE OTHER THAN THIS DOCUMENTATION.

BlackBerry Limited
2200 University Avenue East
Waterloo, Ontario
Canada N2K 0A7

BlackBerry UK Limited
200 Bath Road
Slough, Berkshire SL1 3XE
United Kingdom

Published in Canada