#### **FCC Caution**

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

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.

This Product 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 this Device GQ5010 (FCC ID: 2AOWK-5010TH) has been tested against this SAR limit. SAR information on this can be viewed on-line at http://www.fcc.gov/oet/ea/fccid/. Please use the device FCC ID number for search. This device was tested for typical operations 10mm from the body. To maintain compliance with FCC RF exposure requirements, 10mm separation distance should. maintained to the user's bodies

#### 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 radiofrequency 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.

# IC Caution

## FΝ

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

- 1. This device may not cause interference.
- 2. This device must accept any interference, including interference that may cause undesired operation of the device.

### FR

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- 1.L'appareil ne doit pas produire de brouillage;
- 2.L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

SAR Statement: Mobile Phone 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. The SAR limit is 1.6 watts per kilogram in Canada that set the limit averaged over 1 gram of tissue. During testing. Mobile Phone (IC: 12564A-5010) radios are set to their highest transmission levels and placed in positions that simulate uses against the head, with no separation, and when worn or carried against the torso of the body, with 10mm separation. To reduce exposure to RF energy, use a hands-free option. such as the built-in speaker phone, the supplied headphones, or other similar accessories. 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. Although this device has been tested to determine SAR in each band of operation, not all bands are available in all areas. Bands are dependent on your service provider's wireless and roaming networks. The WLAN function for this device is restricted to indoor use only when operating in the 5150 to 5250 MHz frequency range.

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The information contained herein is subject to change without notice. The only warranties for Ulefone products and services are set forth in the express warranty statements accompanying such products and services.

Nothing herein should be construed as constituting an additional warranty. Ulefone shall not be liable for technical or editorial errors or omissions contained herein.

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Service Center

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# RF Specification:

Function	Operation Frequency	Max RF output power:
BLE	2402MHz-2480MHz	-4.59 dBm
BT(BR+EDR)	2402MHz-2480MHz	8.03 dBm
WIFI 802.11b/g/	802.11b/g/n (20MHz): 2412~2472MHz;	16.5 dBm
n/(HT20/40)	802.11n (40MHz):2422~2462MHz	
Wi-Fi	802.11a/ n20/ac 20:5180MHz~5240MHz	11.54 dBm
5.2G(802.11a/n20/n40/ac2	802.11 n40/ac 40:5190MHz~5230MHz	
0/ac40/ac80)	802.11 ac 80:5210MHz	
Wi-Fi	802.11a/ n20/ac 20:5745MHz~5825MHz	11.86 dBm
5.8G(802.11a/n20/n40/ac2	802.11 n40/ac 40:5755MHz~5795MHz	
0/ac40/ac80)	802.11 ac 80:57750MHz	
GSM/GPRS/EGPRS 900	TX(Uplink):880M-915MHZ;	32.69 dBm
	RX(Downlink):925M-960MHZ	
GSM/GPRS/EGPRS 1800	TX(Uplink):1710M-1785MHZ;	29.76 dBm
	RX(Downlink):1805M-1880MHZ	
WCDMA B1	TX(Uplink):1920-1980MHz;	22.78 dBm
	RX(Downlink):2110-2170MHz	
WCDMA B8	TX(Uplink): 880-915MHz;	22.90 dBm
	RX(Downlink):925-960MHz	
LTE FDD B1	TX(Uplink):1920-1980MHz;	23.61 dBm
	RX(Downlink):2110-2170MHz	
LTE FDD B3	TX(Uplink):1710-1785MHz;	23.61 dBm
	RX(Downlink):1805-1880MHz	
LTE FDD B7	TX(Uplink) :2500-2570MHz;	24.00 dBm
	RX(Downlink):2620-2690MHz	
LTE FDD B8	TX(Uplink): 880MHz to 915 MHz	23.40 dBm
	RX(Downlink): 925 MHz to 960 MHz	
LTE FDD B20	TX(Uplink): 832MHz~862MHz;	23.43 dBm
	RX(Downlink):791MHz~821MHz	
LTE FDD B28	TX(Uplink): 703 MHz to 748MHz	23.32 dBm
	RX(Downlink): 758 MHz to 803 MHz	
LTE TDD B38	Uplink & Downlink:2570 MHz to 2620 MHz	23.1 dBm
LTE TDD B40	Uplink & Downlink: 2300 MHz to 2400 MHz	22.86 dBm
NFC	13.56MHz	12.9 dBuA/m@10m
WPT	100-205KHz	17.15 dBuA/m@10m
FM	Rx(Downlink): 87.5MHz~108MHz	
GPS	Rx(Downlink): 1.57542GHz	
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