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Frequency/Band Information

| | Channel | Frequency (MHz) | US (FCC) | Europe (ETSI)* |
|-------------|---------|-----------------|----------|----------------|
| 2.4GHz Band | 1 | 2412 | ✓ | ✓ |
| | 2 | 2417 | ✓ | ✓ |
| | 3 | 2422 | ✓ | ✓ |
| | 4 | 2427 | ✓ | ✓ |
| | 5 | 2432 | ✓ | ✓ |
| | 6 | 2437 | ✓ | ✓ |
| | 7 | 2442 | ✓ | ✓ |
| | 8 | 2447 | ✓ | ✓ |
| | 9 | 2452 | ✓ | ✓ |
| | 10 | 2457 | ✓ | ✓ |
| | 11 | 2462 | ✓ | ✓ |
| | 12 | 2467 | | ✓ |
| | 13 | 2472 | | ✓ |
| 5GHz Band | 36 | 5180 | ✓ | ✓ |
| | 40 | 5200 | ✓ | ✓ |
| | 44 | 5220 | ✓ | ✓ |
| | 48 | 5240 | ✓ | ✓ |
| | 149 | 5745 | ✓ | |
| | 153 | 5765 | ✓ | |
| | 157 | 5785 | ✓ | |
| | 161 | 5805 | ✓ | |
| | 165 | 5825 | ✓ | |

* On the European version of this product the maximum output power is 19.91dBm on frequencies 2412-2472MHz and 22.99dBm on frequencies 5180-5240MHz.

LUXUL®

A brand of 
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REGULATORY,
COMPLIANCE AND
SAFETY DOCUMENT

AP-3020
Wave 2 AC1300 Dual-Band Access Point

Last Updated: 05/25/2022

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LUX-REG-COM-AP-3020-220525-01

FCC STATEMENT—WIRELESS FCC
2.4GHZ & 5GHZ 802.11B/G/N/AC

FCC Compliance

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.

FCC ID: W59AP3020

IC: 8584A-AP3020

FCC Statement

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 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 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 transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Operations in the 5.15-5.25GHz band are restricted to indoor usage only.

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 24 cm between the radiator & your body.

REGULATORY COMPLIANCE

The device complies with internationally-recognized standards covering human exposure to electromagnetic fields from radio devices. This equipment also complies with FCC radiation exposure set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 24 cm (15.75 in) during normal operation.

Unauthorized antennas, modifications, or attachments could cause damage and may violate regulatory approvals. Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate the equipment.

Luxul equipment marketed in the U.S. is restricted to usage of channels 1-11 only for 2.4GHz and channels 36-48/149-165 for 5GHz.

Warnings and Safety Information

- ▶ Ensure that the electrical circuits have appropriate grounding, overload and surge protection.
- ▶ Attach only approved power cords to the device.
- ▶ Verify there is adequate ventilation around the device, and that ambient temperatures meet equipment operation specifications.
- ▶ DO NOT install in or near hot or humid places, such as a kitchen or bathroom. Take care to minimize exposure to excessive heat or moisture.
- ▶ Small parts and plastic bags used for packaging may be harmful to small children. KEEP ALL ACCESSORIES OUT OF THE REACH OF CHILDREN!
- ▶ This product may become hot when in use for extended time periods. This is normal and is not a malfunction. DO NOT install where it will be exposed to paper, cloth or other flammable materials.
- ▶ Operation within the 5.15-5.25GHz frequency range is restricted to indoor use.

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Health and Safety Recommendations

Warnings for the use of Wireless Devices: Please observe all warning notices with regard to the use of wireless devices

Potentially Hazardous Atmospheres: You are reminded of the need to observe restrictions on the use of radio devices in fuel depots, chemical plants, and other similar areas where the air contains chemicals or particles (such as grain, dust, or metal powders).

Safety in Hospitals: Wireless devices transmit radio frequency energy and may affect medical electrical equipment. When installed adjacent to other equipment, it is advised to verify that the adjacent equipment is not adversely affected.

RF Exposure Guidelines

Safety Information: The device complies with internationally-recognized standards covering human exposure to electromagnetic fields from radio devices.

Warning: Exposure to Radio Frequency (RF) Radiation:

The radiated output of this device is below FCC radio frequency exposure limits. Nevertheless, the device should be used in such a manner that the potential for human contact during normal operation is minimized.

- ▶ The end user must avoid any extended human RF exposure directly in front of the device, up to a distance of 24 cm, when the unit is on.
- ▶ When servicing the equipment and selecting a location for the antennas, it is important to note that a minimum distance of 24 cm is required between personnel and the device or antenna, to comply with radio frequency exposure limits.
- ▶ The antenna used for this transmitter must be installed to provide a separation distance of at least 24 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

The following safety precautions should be observed:

- ▶ Do not touch or move the antenna while the unit is transmitting or receiving.
- ▶ Do not hold any component containing the radio such that the antenna is very close or touching any exposed parts of the body, especially the face or eyes, while transmitting.
- ▶ Do not operate the radio or attempt to transmit data unless the antenna is connected; this behavior may cause damage to the radio.

ErP Statement

The purpose of this product is to create a constant network connection for your devices. It does not have a standby mode or use a power management mode. If you wish to power down this product, please unplug it from the power socket.

Industry Canada

This device complies with ISSED’s licence-exempt RSSs. 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.

Le présent appareil est conforme aux CNR d’ ISSED applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes : (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Caution :

- (i) the device 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;
- (ii) where applicable, antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 shall be clearly indicated.

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Avertissement:

- (i) les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l’intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;
- (ii) lorsqu’il y a lieu, les types d’antennes (s’il y en a plusieurs), les numéros de modèle de l’antenne et les pires angles d’inclinaison nécessaires pour rester conforme à l’exigence de la p.i.r.e. applicable au masque d’élévation, énoncée à la section 6.2.2.3, doivent être clairement indiqués.

Radiation Exposure Statement:

This equipment complies with ISSED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with greater than 29 cm between the radiator & your body.

Déclaration d’exposition aux radiations:

Cet équipement est conforme aux limites d’exposition aux rayonnements ISSED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à plus de 29 cm entre le radiateur et votre corps.

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Simplified EU declaration of conformity

Hereby, **Luxul** declares that the radio equipment type AP-3020 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: **<http://luxul.com/regulatory-compliance>**

Le soussigné, **Luxul**, déclare que l’équipement radioélectrique du type AP-3020 est conforme à la directive 2014/53/EU.

Le texte complet de la déclaration UE de conformité est disponible à l’adresse internet suivante: **<http://luxul.com/regulatory-compliance>**

Hiermit erklärt **Luxul**, dass der Funkanlagentyp AP-3020 der Richtlinie 2014/53/EU entspricht.

Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: **<http://luxul.com/regulatory-compliance>**

Hierbij verklaar ik, **Luxul**, dat het type radioapparatuur AP-3020 conform is met Richtlijn 2014/53/EU.

De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: **<http://luxul.com/regulatory-compliance>**