

SAFETY, REGULATORY, AND WARRANTY GUIDE

CRADLEPOINT S700-C4E
CRADLEPOINT S700-C4D
CRADLEPOINT S750-C4D

MODEL: S5A245A
MODEL: S5A246A
MODEL: S5A251A

This important Safety, Regulatory, and Warranty Guide contains safety, handling, disposal, regulatory, trademark, copyright, and software licensing information.
Read all safety information below and operating instructions before using the device to avoid injury.

FEDERAL COMMUNICATION COMMISSION INTERFERENCE 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.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Increase the separation between the equipment and receiver.
- 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 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 STATEMENT

For product available in the USA/Canada market, only channel 1-11 can be operated. Selection of other channels is not possible.

Operation of the 5 GHz WiFi radios is restricted to indoor use only. This device meets all the other requirements specified in Part 15E, section 15.407 of the FCC Rules.

FCC 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 of 20 cm between the radiator and your body.

This device and their antennas(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

To comply with FCC regulations limiting both maximum RF output power and human exposure to RF radiation, the maximum cellular antenna gain must not exceed 5 dBi.

To comply with FCC regulations limiting both maximum RF output power and human exposure to RF radiation, this device may only operate with antennas according to Table A. Antennas having a higher or lower gain are strictly prohibited. The required antenna impedance is 50 ohms.

Table A / Tableau A

Type	Antenna Type	Frequency	Gain
WiFi	Dipole	2400-2500 MHz 5150-5850 MHz	3.86 dBi 4.50 dBi
WiFi	Monopole	2400-2500 MHz 5150-5250 MHz 5250-5350 MHz 5470-5725 MHz 5725-5850 MHz	0.0 - 5.74 dBi 0.0 - 4.40 dBi 0.0 - 4.63 dBi 0.0 - 5.60 dBi 0.0 - 5.19 dBi

INNOVATION, SCIENCE, AND ECONOMIC DEVELOPMENT CANADA STATEMENT

THIS DEVICE REQUIRES PROFESSIONAL INSTALLATION

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

For product available in the USA/Canada market, only channel 1-11 can be operated. Selection of other channels is not possible.

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) for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit; (detachable antenna only)
- (iii) for devices with detachable antennas(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits as appropriate; (detachable antenna only)
- (iv) where applicable, antenna type(s), antenna model(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.

INDUSTRY CANADA RADIATION EXPOSURE STATEMENT

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 41 cm between the radiator and your body for Model S5A245A and 41 cm for Model S5A246A.

This device and its antennas(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with IC multi-transmitter product procedures.

This radio transmitter (IC: 6921A-S5A246A, 10224A-201903EG25G, 10224A-2018EC25AF) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

This device has been designed to operate with cellular antennas having a maximum gain of 5 dBi. Antennas having a higher gain are strictly prohibited per regulations of Industry Canada. The required antenna impedance is 50 ohms.

This device has been designed to operate with dipole and monopole antennas according to Table A in FCC section. Antennas having a higher or lower gain are strictly prohibited per regulations of Industry Canada. The required antenna impedance is 50 ohms.

DÉCLARATION D'INNOVATION, SCIENCE ET DÉVELOPPEMENT ÉCONOMIQUE CANADA

CET APPAREIL NÉCESSITE UNE INSTALLATION PROFESSIONNELLE

Le présent appareil est conforme aux CNR d'ISED 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.

Pour les produits disponibles aux États-Unis / Canada du marché, seul le canal 1 à 11 peuvent être exploités. Sélection d'autres canaux n'est pas possible.

Avertissement:

Le guide d'utilisation des dispositifs pour réseaux locaux doit inclure des instructions précises sur les restrictions susmentionnées, notamment :

- (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) pour les dispositifs munis d'antennes amovibles, le gain maximal d'antenne permis pour les dispositifs utilisant les bandes de 5 250 à 5 350 MHz et de 5 470 à 5 725 MHz doit être conforme à la limite de la p.i.r.e.;
- (iii) pour les dispositifs munis d'antennes amovibles, le gain maximal d'antenne permis (pour les dispositifs utilisant la bande de 5 725 à 5 850 MHz) doit être conforme à la limite de la p.i.r.e. spécifiée, selon le cas;
- (iv) lorsqu'il y a lieu, les types d'antennes (s'il y en a plusieurs), les numéros de modèle de l'antenne et les piles 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.

NOTE IMPORTANTE (POUR L'UTILISATION DE DISPOSITIFS MOBILES):
DÉCLARATION D'EXPOSITION AUX RADIATIONS

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 41 cm de distance entre la source de rayonnement et votre corps pour le modèle S5A245A et 41 cm pour le modèle S5A246A.

Cet appareil et son antenne (s) ne doit pas être co-localisés ou fonctionner en association avec une autre antenne ou transmetteur.

Le présent émetteur radio (IC: 6921A-S5A246A, 10224A-201903EG25G, 10224A-2018EC25AF) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Ce dispositif a été conçu pour fonctionner avec une antenne cellulaire ayant un gain maximal de 5dBi. Une antenne à gain plus élevée est strictement interdite par les règlements d'Industrie Canada. L'impédance d'antenne requise est de 50 ohms.

Ces dispositifs ont été conçus pour fonctionner avec des antennes dipôles et monopôles selon le Tableau A dans la section FCC. Les antennes ayant un gain supérieur ou inférieur sont strictement interdites par les règlements d'Industrie Canada. L'impédance d'antenne requise est de 50 ohms.

INFORMATION FOR EUROPE, DECLARATION OF COMPLIANCE

Cradlepoint, Inc. 1111 W Jefferson St. Boise, ID 83702 USA

EU Authorized Representative: Jan Willeke | Area Director Central Europe, Cradlepoint, Inc. Beim Riesenstein 21, 22393 Hamburg, Germany

EU Importer: Cradlepoint B.V. Verlengde Poolsweg 16, 4818 CL Breda, The Netherlands

UK Responsible Person: James Bristow, Senior Vice President, EMEA, Cradlepoint UK Ltd. Cedar House, Apex Court, Camphill Road, West Byfleet, Surrey, KT14 6SQ United Kingdom

UK Importer: Cradlepoint UK Ltd. Cedar House, Apex Court, Camphill Road, West Byfleet, Surrey, KT14 6SQ United Kingdom



Hereby, Cradlepoint, Inc. declares that this equipment is in compliance with the Radio Equipment Directive 2014/53/EU, Energy Related Products Directive 2009/125/EC, RoHS2 Directive 2011/65/EU, amendment (EU) 2015/863 (ROHS3), and Radio Equipment Regulations 2017 (SI 2017/1206). The full text of the EU and UKCA declaration of conformity is available at the following internet address: Cradlepoint.com/product-certifications

RF EXPOSURE STATEMENT

To comply with RF Exposure requirements, this equipment should be installed and operated with minimum distance of 20 cm between the radiating device and your body.

RESTRICTIONS ON USE

	BE	BG	CZ	DK	DE	EE	IE
	EL	ES	FR	HR	IT	CY	LV
	LT	LU	HU	MT	NL	AT	PL
	PT	RO	SI	SK	FI	SE	UK(NI)

This device is restricted to indoor use only when operating in the 5150-5350 MHz frequency range.

ACCESSORIES IMPACTING COMPLIANCE

To maintain compliance with EMC, Radio, and RF Exposure requirements, use only Cradlepoint accessories intended for use with this product. All Cradlepoint accessories intended for use with this product will maintain EMC, Radio, and RF Exposure compliance when installed according to instructions. Cellular antennas must have a gain <5 dBi. WiFi antennas must have a gain between 0 - 6 dBi.

RECYCLING AND ENVIRONMENTAL INFORMATION

To find information on Cradlepoint's commitment to our environment and how to responsibly recycle or recover Cradlepoint products at the end of their useful life, please visit Cradlepoint.com/international.

FREQUENCIES USED AND MAXIMUM POWER OUTPUT IN THE EU, UK

S700-C4E Output Power		
Mode	Frequency Range	E.I.R.P. dBm
WLAN	2412-2472 MHz	19.99
WLAN	5180-5240 MHz	22.38
WLAN	5260-5320 MHz	22.32
WLAN	5500-5700 MHz	27.45
E-GSM 900	880-915 MHz	27.84
DCS 1800	1710-1785 MHz	27.36
WCDMA B I	1920-1980 MHz	29.55
WCDMA B V	824-849 MHz	27.03
WCDMA B VIII	880-915 MHz	27.03
LTE B1	1920-1980 MHz	29.55
LTE B3	1710-1785 MHz	29.55
LTE B5	824-849 MHz	27.03
LTE B7	2500-2570 MHz	29.96
LTE B8	880-915 MHz	27.03
LTE B20	832-862 MHz	27.03
LTE B28	703-736 MHz	26.04
LTE B38	2570-2620 MHz	29.96
LTE B40	2300-2400 MHz	29.96
LTE B41	2496-2690 MHz	29.96

RF EXPOSURE STATEMENT FOR AUSTRALIA

To comply with RF Exposure requirements, this equipment should be installed and operated to ensure a minimum distance of 20 cm between the radiating devices (antennas) and human bodies.

RESTRICTIONS OR REQUIREMENTS IN THE UK

This device is restricted to indoor use only when operating in the 5150-5350 MHz frequency range.

SAFETY AND HAZARDS

Warning: This product is only to be installed by qualified personnel.

This product is intended to be supplied by a Listed Power Adapter or DC power source marked "L.P.S." (or "Limited Power Source"), rated 12 Vdc, 3 A minimum, Tma = 60 degree C minimum. If need further assistance, please contact CRADLEPOINT, INC. for further information." If using a Class I adapter, the power cord shall be the connector to a socket outlet with earthing connection.



CAUTION: HOT SURFACE. DO NOT TOUCH.
This equipment is designed to operate in ambient temperatures from -20 to 60° C (-4 to 140° F) when powered by an AC adapter. When operating in elevated ambient temperatures, the surface of the equipment may exceed 60° C and become too hot to safely touch. Under this condition, this product must be installed in a secured location that is not accessible to accidental touch, and access to the device must be restricted to service persons or users who possess the proper tool or key to access the device and have been informed about the potential high surface temperature and instructed on how to safely handle and/or service the device.

Under no circumstances should the device be used in any areas (a) where blasting is in progress, (b) where explosive atmospheres may be present, or (c) that are near (i) medical or life support equipment, or (ii) any equipment which may be susceptible to any form of radio interference. In such areas, the device **MUST BE POWERED OFF AT ALL TIMES** (since the device otherwise could transmit signals that might interfere with such equipment).

In addition, under no circumstances should the device be used in any aircraft, regardless of whether the aircraft is on the ground or in flight. In any aircraft, the device **MUST BE POWERED OFF AT ALL TIMES** since the device otherwise could transmit signals that might interfere with various onboard systems on such aircraft. Furthermore, under no circumstances should the device be used by the driver or operator of any vehicle. Such use of the device will detract from the driver's or operator's control of that vehicle. In some jurisdictions, use of the device while driving or operating a vehicle constitutes a civil and/or criminal offense.

Due to the nature of wireless communications, transmission and reception of data by the device can never be guaranteed, and it is possible that data

