



## Verifone Carbon Mobile 5 Certifications and Regulations

### FCC/ISED Compliance

The following product has been tested and certified as compliant with the regulations and guidelines detailed below:  
Manufacturer: Verifone, Inc.  
Brand: Verifone  
Model: CMS, CMSP, CMSW, CMSPW

### Part 15 of FCC and ISED Rules

This device complies with the limits for a Class B digital device as specified in Part 15 of FCC and Innovation, Science and Economic Development Canada license-exempt RSS standard(s) which provide reasonable protection against harmful interference in a residential installation.

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

*Le présent appareil est conforme aux CNR d'innovation, Science et Développement Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:*

- (1) Cet appareil ne doit pas provoquer d'interférences nuisibles.
- (2) Cet appareil doit accepter toutes les interférences reçues, y compris les interférences susceptibles de provoquer un fonctionnement indésirable.

This equipment generates, uses and can radiate radio frequency energy. 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. In the unlikely event that there is 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.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter. Use of a shielded interface cable is required to comply with the Class B limits of Part 15 of FCC Rules.

*Cet appareil et son antenne ne doivent pas être situés ou fonctionner en conjonction avec une autre antenne ou un autre émetteur, exception faites des radios intégrées qui ont été testées.*  
Le présent appareil est conforme aux normes d'innovation, Science et Développement Canada applicables aux appareils radio exempts de licence.

**NOTE:** The County Code Selection feature is disabled for products marketed in USA/Canada.

*La fonction de sélection de l'indicatif du pays est désactivée pour les produits commercialisés aux États-Unis et au USA/Canada.*

Per FCC/ISED regulation, all Wi-Fi products marketed in USA/Canada must be fixed to USA/Canada operational channels only.

This Class B digital apparatus complies with CAN ICES-003(B).  
*Cet appareil numérique de la classe B est conforme à la norme NMB-003(B) du Canada.*

### RF Exposure

#### USA

The CMSW/CM5 meets the government's requirements for exposure to radio waves. The CMSW/CM5 is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg for body SAR and 4W/kg for extremity SAR. Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. The body worn SAR and extremity SAR are tested for CMSW and the body-worn accessory SAR and extremity SAR are tested for CM5. For CM5, to maintain compliance with FCC RF exposure guidelines, if you wear this device on your body when transmitting, always place the device in a Verifone supplied or approved clip, holder, holster, case or body harness for this product. Use of non-Verifone approved accessories may not maintain compliance with FCC RF exposure guidelines. If you do not use one of the Verifone supplied or approved body-worn accessories and are not using the device held in the normal use position, ensure that the device is at least 15 mm from your body when transmitting. For any concern or inquiry, please contact Verifone distributor or Verifone service on how to purchase the approved holster. The extremity SAR is tested with CM5/CMSPW.

This device complies with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and has been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C.

#### CE

The CMSW/CMSPW/CMSP complies with the Radio Equipment Directive (2014/53/EU) issued by the Commission of the European Community. A minimum separation distance of 0 cm must be maintained between the user's body and the device, including the antenna during body-worn operation to comply with the RF exposure requirements in Europe for CMSW. A minimum separation distance of 0 mm is tested for Limbs SAR-10g/4.0W/kg criteria for CMSP/CMSPW/CM5W.

### Notice for Operating Frequency and Output Power

Feature	CM5W	CM5PW	CM5P
NFC (dB µA/m at 10m)	6.59	Type A:7.76 Type B:7.32	Type A:7.31 Type B:7.32
2.4G WLAN: 802.11b/g/n-HT20 (EIRP dBm)	11b:16.75 11g:15.61 11n:15.05	11b:17.17 11g:16.27 11n:15.50	11b:16.86 11g:16.17 11n:15.17
5G WLAN: 802.11a/n-HT20n-HT40 (EIRP dBm)	11a:12.28 11n-HT20:13.80 11n-HT40:13.03	11a:13.31 11n-HT20:14.21 11n-HT40:14.11	11a:13.31 11n-HT20:14.83 11n-HT40:14.25
BT-EDR/LE (EIRP dBm)	EDR:9.99 LE:1.02	EDR:9.50 LE:1.72	EDR:9.98 LE:1.48
2G: GSM900/GSM1800 (dBm)	NA	NA	EGSM:33.8 DCS:30.7
3G Band I/Band V/Band VIII (dBm)	NA	NA	Band I:23.7 Band V/III:23.8
4G Band 1/3/5/8/17/20/38/40/41 (dBm)	NA	NA	Band 1/20:23.9 Band 3:23.6 Band 5/8:24 Band 7:23 Band 38/40/41:23.8

### Notice for WLAN

For CE WLAN: 5150-5355 MHz  
This device is restricted for indoor use only when operating in the 5150 to 5350 MHz frequency range.

This equipment may be operated in:									
AT	BE	BG	HR	CY	CZ	DK	EE		
FI	FR	DE	EL	HU	IE	IT	LV		
LT	LU	MT	NL	PL	PT	RO	SK		
SI	ES	SE	UK(NI)	IS	LI	NO	CH		
TR									

#### For IC

- (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 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.

**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) Lorsque (i) y a lieu, les types d'antennes (s'il y en a plusieurs), les numéros de modèle de l'antenne et les pics angles d'inclinaison nécessaires pour rester conforme à l'exigence de la p.i.r.e. applicable au masque d'élevation, énoncée à la section 6.2.2.3, doivent être clairement indiqués.

### Legal Terms and Conditions Regarding PCI SSC Approvals

PCI SSC's approval only applies to PEDs that are identical to the PED tested by a PCI Security Standards Council recognized laboratory. If any aspect of the PED is different from that which was tested by the laboratory - even if the PED conforms to the basic product description contained in the letter, then the PED model should not be considered approved, nor promoted as approved. For example, if a PED contains firmware, software, or physical construction that has the same name or model number as those tested by the laboratory, but in fact are not identical to those PED samples tested by the laboratory, then the PED should not be considered or promoted as approved.

No vendor or other third party may refer to a PED as "PCI Approved," nor otherwise state or imply that PCI SSC has, in whole or part, approved any aspect of a vendor or its PEDs, except to the extent and subject to the terms and restrictions expressly set forth in a written agreement with PCI SSC, or in an approval letter. All other references to PCI SSC's approval are strictly and actively prohibited by PCI SSC.

When granted, an approval is provided by PCI SSC to ensure certain security and operational characteristics important to the achievement of PCI SSC's goals, but the approval does not under any circumstances include any endorsement or warranty of any products or services provided by third parties. Approval does not, under any circumstances, include or imply any product warranties from PCI SSC, including, without limitation, any implied warranties of merchantability, fitness for purpose or noninfringement, all of which are expressly disclaimed by PCI SSC. All rights and remedies regarding products and services, which have received an approval, shall be provided by the party providing such products or services, and not by PCI SSC or the payment brand participants.

### Recycling: DO NOT DISCARD!

UNIT MUST BE RECYCLED OR DISPOSED OF PROPERLY.

For proper disposal instructions, go to <http://recycle.verifone.com>

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Please retain this sheet for future reference.

### Recyclage: NE PAS JETER!

L'unité doit être recyclée ou mise au rebut dans les endroits prévus à cet effet.

Pour connaître les procédures de mise au rebut, consultez le site <http://recycle.verifone.com>

suite au verso

À conserver pour référence ultérieure.



# Verifone Carbon Mobile 5 Declaration of Conformity



## DECLARATION OF CONFORMITY according to ISO/IEC 17050-1 and 17050-2

This declaration of conformity is issued under the sole responsibility of the manufacturer

**Manufacturer's Name:** Verifone, Inc.  
**Manufacturer's Address:** Verifone, Inc.  
 1400 West Stanford Ranch Road  
 Suite 200 Rocklin, CA 95765

Declares, that the product

**Product Name:** Carbon Mobile 5  
**Model Name:** CM5P, CM5W, CM5PW  
**Part Number:** M278-XXX-XX-X  
**Brand:** Verifone  
**Product Options:** All  
**SW Version:** CM5-N-0.0.46  
**NB Company Name:** Timco  
**NB Company Number:** 1177  
**Certificate Number:** TCF-871TC19

Conforms to the following Product Specifications:

Regulatory Requirement	Standards	CM5PW	CM5P	CM5W
Safety	IEC 62368-1:2014 EN 62368-1:2014 + A11:2017	X	X	X
EMC	EN 55032:2012 + AC:2013 EN 55032:2015/A11:2020, Class B EN 61000-3-2:2014, Class A EN 61000-3-3:2013 EN 55035:2017 EN 55024:2010 EN 55024:2010 + A1:2015	X	X	X
RF (WIFI/BT)	EN 301 489-1 V2.1.1 Draft EN 301 489-1 V2.2.0 EN 301 489-17 V3.1.1 Draft EN 301 489-17 V3.2.0 EN 300 328 V2.2.2 EN 301 893 V2.1.1	X	X	X
RF (RFID)	EN 301 489-1 V2.1.1 Draft EN 301 489-1 V2.2.0 EN 301 489-3 V2.1.1 EN 300 330 V2.1.1	X	X	X
RF (2G/3G/4G)	EN 301 489-1 V2.1.1 Draft EN 301 489-1 V2.2.0 Draft EN 301 489-52 V1.1.0 EN 301 511 V12.5.1 EN 301 908-1 V13.1.1 EN 301 908-2 V13.1.1 EN 301 908-13 V13.1.1		X	
RF (GPS)	EN 301 489-1 V2.1.1 Draft EN 301 489-1 V2.2.0 EN 301 489-19 V2.1.1 EN 303 413 V1.1.1		X	
SAR	EN 62209-2:2010/IEC 62209-2:2010 EN 50663:2017 EN 62479:2010 EN 50566:2017	X	X	X

### Supplementary Information:

We hereby declare that these devices comply with the requirements of the Radio Equipment Directive 2014/53/EU. These products carry the CE Mark Directive 93/68/EEC, and conform to RoHS Directive 2011/65/EU and delegated Directive (annex II)2015/863/EU, as well as Technical Documentation: EN IEC 63000:2018 and DIN EN IEC63000:2018.

CE Approval Date: June 22, 2021

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