

chargepoint.com



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**Module Installation Instructions
And
Regulatory Approval Conditions
802.11a/b/g/n and RFID
Model No: 28010077 and 28010087
FCC ID: W38-28010077 & W38-28010087
IC: 8854A-28010077 & 8854A-28010087
Date: 8-12-2015
Revision: 1**



FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subjected 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 Warning: Any changes or modifications to this device not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Industry Canada

This device complies with Industry Canada license-exempt RSS standard(s). 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."

Le présent appareil est conforme aux CNR d'Industrie 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, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

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Regulatory Approval Conditions for using 28010077 and 28010087 Module:

1. Antennas must have a greater distance than 20 cm separation from the transmitting antenna to the user body during normal operation condition. This device can be used with Prestta WLAN Embedded Antenna for 28010077. The specification of the antenna including antenna gain is shown below.

WLAN a/b/g/n + Japan Antenna (GHz)	2.390-2.490 b, g	4.900-5.100 Japan	5.150-5.350 a	5.70-5.900 a
Peak Gain	1.5-2.5 dBi	1.5-3.5 dBi	2-3.5 dBi	2-3.5 dBi
Average Efficiency	81%	70%	75%	72%
VSWR Match	<1.6:1	<1.8:1	<1.5:1	<1.3:1
Feed Point Impedance	50 Ω unbalanced (other if required)			

For 28010087, the antenna is integrated onboard.

2. If a different antenna than the original certificated antenna is being use for the final product, the host will need to consult with ChargePoint Inc. to verify the condition of approval applicability.
3. A permissive change from Coulomb Technologies Inc. is required as part of final system FCC/IC submission.
4. If the host has other transmitters beside from the module, simultaneous transmitting is not permitted unless a permissive change from the module manufacture is received.
5. For FCC, the label on the final system must include a statement: use "Contains FCC ID: W38-28010077, W38-28010087". For IC, use "Contains IC: 8854A-28010077, 8854A-28010087".
6. Labeling requirement for FCC, "This device complies with part 15 of the FCC Rules. Operation is subjected 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".

For IC, "This device complies with Industry Canada license-exempt RSS standard(s). 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." "Le présent appareil est conforme aux CNR d'Industrie 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, et (2) l'utilisateur de l'appareil doit accepter tout brouillage



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A user's manual or instruction manual must be included with customer product.