

Product Change Notification (PCN)

PCN 10A-2018

DATE: October 30th 2018

1 PRODUCTS AFFECTED

Laird Part Number	Old Rev	New Rev	Description
RG186	2	3	Kit, Sentrius Gateway, 868 MHz internal part number 450-0176))
RG191	2	3	Kit, Sentrius Gateway, 915 MHz (internal part number 450-0175)
450-0190	3	4	Kit, Sentrius Gateway, 868 MHz, IP67
450-0191	3	4	Kit, Sentrius Gateway, 915 MHz, IP67
450-0174	3	4	Gateway, Sentrius, 868 MHz (used in 450-0176)
450-0179	3	4	Gateway, Sentrius, 915 MHz (used in 450-0175)
450-0192	3	4	Gateway, Sentrius, 868 MHz, IP67 (used in 450-0190)
450-0193	3	4	Gateway, Sentrius, 915 MHz, IP67 (used in 450-0191)

2 DESCRIPTION OF CHANGES

- The power supply regulator IC was changed from TPS54525PWP to TPS56628DDA. The new regulator does not have an under-voltage shutdown feature.
- Added Revision number to the label on the Kit boxes (450-0175, 450-0176, 450-0190, and 450-0191).

3 REASON FOR CHANGE

- Under certain brownout conditions, it is possible that the gateway's power supply regulator can shut off, and stay off, even after the brownout condition goes away. In this situation, a power cycle to the gateway is required in order to get the gateway back to normal operation.
- To make it easy to identify the revision of the gateways in the kit boxes, a revision has been added to the kit boxes.

4 ANTICIPATED IMPACT OF THE CHANGE

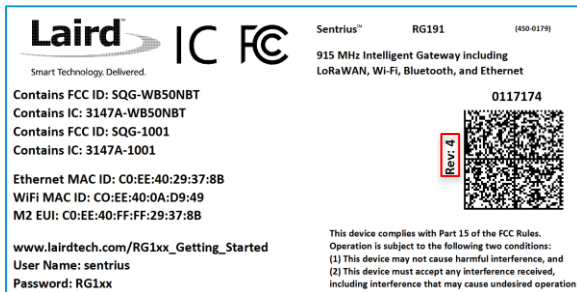
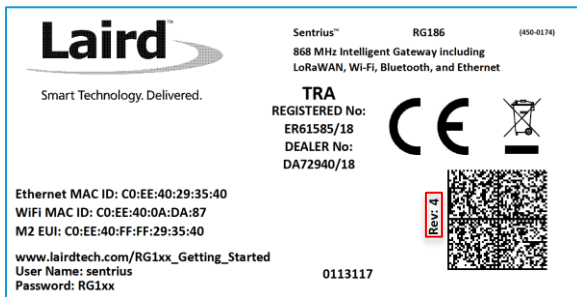
- None

5 METHOD OF IDENTIFYING THE CHANGED PRODUCT

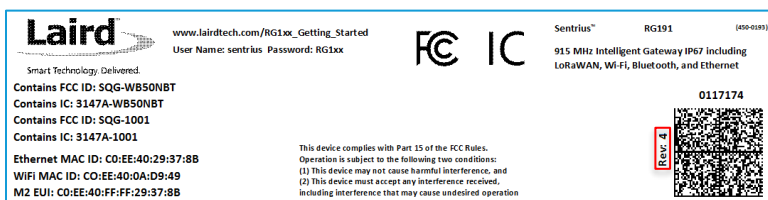
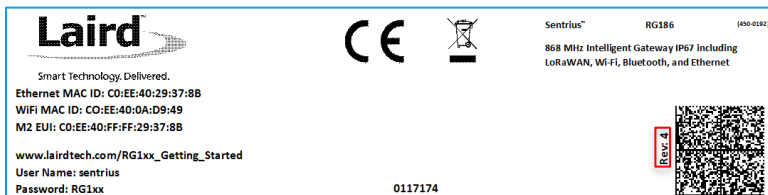
5.1 Gateway Serial Label

The revision can be found on the label on the back of the standard Gateway or on the side of the IP67 Gateway.

5.1.1 Standard Gateway Version (450-0174 and 450-0179)



5.1.2 IP67 Gateway Version (450-0192 and 450-0193)



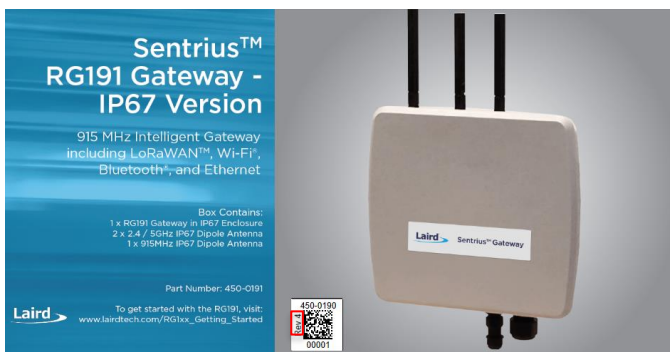
5.2 Gateway Kits

Previous versions of the kit label did not display the revision on the label, the revision was embedded in the barcode only.

5.2.1 Standard Gateway Kit Version (450-0176 and 450-0175)



5.2.2 IP67 Kit Version (450-0190 and 450-0191)



6 FACTORY EFFECTIVITY DATE

- RG186 with the new revision will start shipping no sooner than November 2018
- RG191 with the new revision will start shipping no sooner than December 2018
- 450-0190 with the new revision will start shipping no sooner than January 2019
- 450-0191 with the new revision will start shipping no sooner than January 2019

7 CONTACT INFORMATION

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Product Change Notices (PCNs) will be distributed at the discretion of Laird. Occasionally, Laird may adjust product revision levels for internal tracking purposes only, and customers may not receive formal notifications associated with those revision changes.