Product Change Notification (PCN)

PCN #: 1A-2019 *DATE: 01/29/2019*

1 Products Affected:

Laird Part Number	Old Rev	New Rev	Description
455-0001	5	6	Kit, Sensor, Sentrius 915MHz
455-0002	5	6	Kit, Sensor, Sentrius 868MHz
455-0003	5	6	Kit, Sensor, Sentrius 915MHz, Bulk Packed
455-0004	5	6	Kit, Sensor, Sentrius 868MHz, Bulk Packed
455-0009	1	2	Kit, Sentrius Sensor, LoRa & BLE, External Temp Sensor, 915 MHz
455-0010	1	2	Kit, Sentrius Sensor, LoRa & BLE, External Temp Sensor, 868 MHz
455-0012	1	2	Kit, Sentrius Sensor, LoRa & BLE, External Temp Sensor, 915 MHz, Bulk Packed
455-0013	1	2	Kit, Sentrius Sensor, LoRa & BLE, External Temp Sensor, 868 MHz, Bulk Packed

These top-level part numbers include various accessories and packaging, as well as the main Sentrius LoRa Sensor. All changes implemented in these kits have been associated with the LoRa Sensor itself and the table below shows the correlation between the included sensor and associated kits.

Included Sentrius LoRa Sensor – Internal Part Number				
Laird Part Number	**Old Rev**	**New Rev**	**Description**	**Associated Kit**
450-0180	4	5	Sensor, Sentrius, LoRa & BLE, DS18B20 Temp, External Port, 915 MHz	455-0009 & 455-0012
450-0181	4	5	Sensor, Sentrius, LoRa & BLE, DS18B20 Temp, External Port, 868 MHz	455-0010 & 455-0013
450-0182	9	10	Sensor, Sentrius, LoRa & BLE, Temp & RH, 915 MHz	455-0001 & 455-0003
450-0183	9	10	Sensor, Sentrius, LoRa & BLE, Temp & RH, 868 MHz	455-0002 & 455-0004

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2 Description of Changes:

All changes have been applied to Sentrius sensor part numbers 450-0180, 450-0181, 450-0182, and 450-0183:

- Firmware Changes:
  - Bug Fix
    - Fix issue that could cause excessive current draw after a firmware update or reset.

Release Notes are located at:

FW Version 4.5 Release Note

3 Reason for Change:

- Functional improvements with firmware.

4 Anticipated Impact of the Change:

- Improved battery life and the ability to update the bootloader over a BLE connection.

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5 Method of Identifying the Changed Product:

5.1 Top Level Part Number Changes (packaged kits)

- Revision change available as revision number printed by barcode and (or) within the barcode for all kits (455-0001, 455-0002, 455-0009, and 455-0010).
- A black dot will also be seen on all kit labels by the barcode to indicate that the kit has been updated to the latest firmware.

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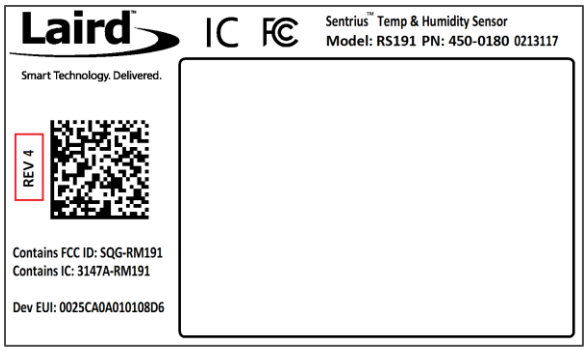
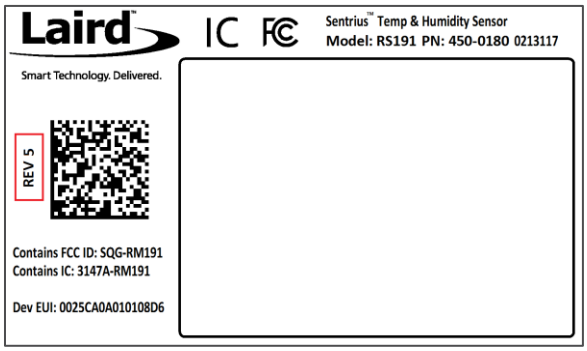
5.2 On Sensor Changes

- Labelling Changes – 450-0180
- A black dot near the barcode will indicator a firmware update to v4.5

Previous Rev



Current Rev 5



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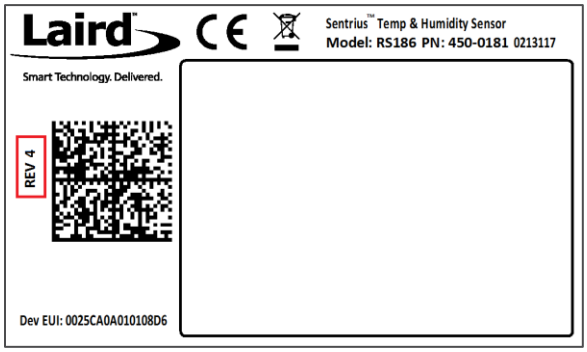
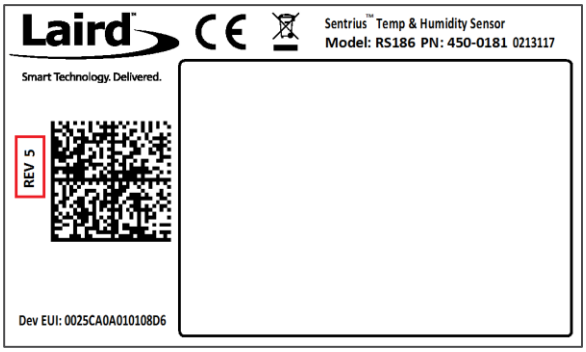
- Labelling Changes – 450-0181

Previous Rev



Current Rev 5



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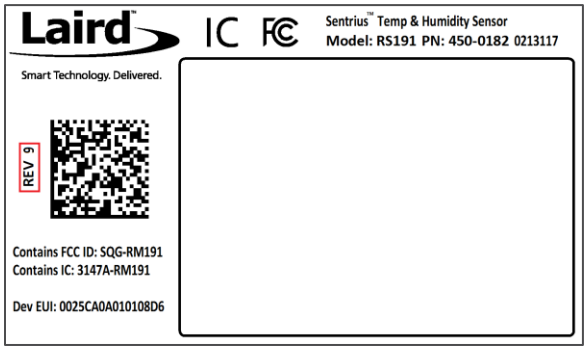
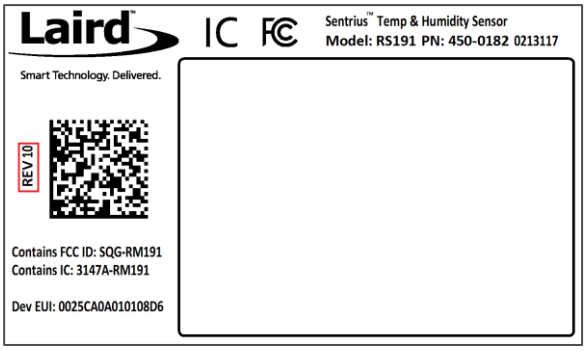
- Labelling Changes – 450-0182

Previous Rev



Current Rev 10



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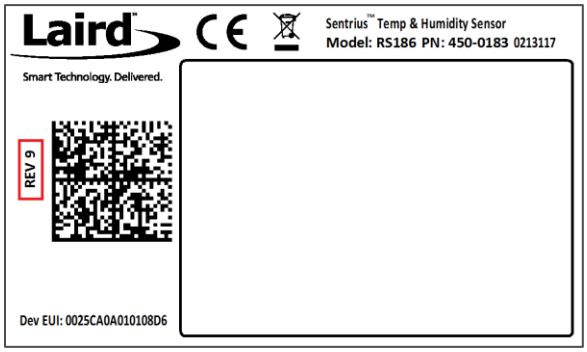
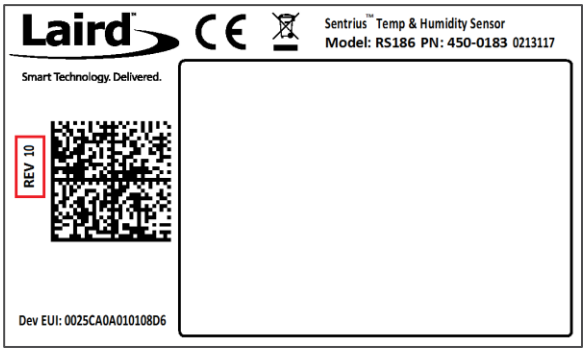
- Labelling Changes – 450-0183

Previous Rev



Current Rev 10



6 Factory Effectivity Date:

- Sensors with the new revision levels are currently shipping.

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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.

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