1 Products Affected

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

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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