

<p><b>Issue Severity:</b></p> <p><input type="checkbox"/> High: Act immediately</p> <p><input type="checkbox"/> Medium: Bosch Security Systems, Inc. strongly recommends you take the action(s) described below.</p> <p><input checked="" type="checkbox"/> Low: Advisory</p>	<p><b>Product Affected:</b></p> <ul style="list-style-type: none"> <li>• ISW-BHB2-WX wLSN Diversity Hub</li> <li>• Easy Series Control Panels</li> </ul>
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## 1.0 Issues

### 1.1 Signal Strength Queries

When you query an Easy Series Control Panel with a wLSN Diversity Hub firmware v4.1, the control panel reports the wireless signal strength as three bytes of data grouped as two alphanumeric characters. You do not need the first two bytes of data when determining the signal strength.

### 1.2 Device Firmware Revision Queries

The hub does not store the full revision number in its database. Upon receipt of a query response from the device, the full revision number (major.minor) is reported. When a query response is not received, the control panel reports 03 FF for the unresponsive device.

## 2.0 Resolutions

### 2.1 Signal Strength Queries

When you query the signal strength, ignore the first two bytes of data returned. Compare the third byte in the signal strength response to the Control Panel Value shown in *Table 1*.

Control Panel Value	SNR	Signal Strength
01 - 09	2 dB – 14 dB	Unacceptable
0A – 0F	15 dB – 23 dB	
10 – 13	24 dB – 29 dB	
14 – 16	30 dB – 33 dB	Marginal
17 – 1A	35 dB – 39 dB	Acceptable
1B – 1D	41 dB – 44 dB	Good
1E – 20	45 dB – 48 dB	Very good
21 – 32	50 dB – 75 dB	Excellent

