



## Errata Note

### Z-Wave Zniffer

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## REVISION RECORD

Doc. Rev	Date	By	Pages affected	Brief description of changes
1	20150415	JFR	All	Initial draft
2	20150709	JFR	2.1.1	Added TO #6133
3	20150911	JFR	2.1.1	Added TO #6300
4	20160307	SRO	2.1.1	Updated list of fixed defects Removed TO's: #04904, #05894, #05989, #06133 & #06300. Added TO's: #05810 & #06199
5	20160420	JFR	2.1.1	Added Z-Wave Zniffer v4.55 with fixed TOs #06912 & #06913 Added known TO #06917 Added known TOs: #06912, #06913 & #06917
6	20160722	SRO JFR	2.1.1	Added Z-Wave Zniffer v4.56
7	20160725	SRO	2.1.1	Version changed from 4.56 to 4.57. Updated list of fixed TOs. Added known TOs: #05016, #05667, #05669, #06199, #06920
8	20180531	SRO	2.1.1	Updated fixed and known issues
9	20190314	JFR	2.1.1	Updated to Z-Wave Zniffer v4.60 with respect to fixed and known issues.
10	20190319	AYurttas	All	TechPub reviewed version; No change to technical contents

# Table of Contents

<b>1</b>	<b>INTRODUCTION .....</b>	<b>1</b>
<b>2</b>	<b>RELEASES .....</b>	<b>2</b>
2.1	PC-Based Z-Wave Zniffer v4.60 .....	2
2.1.1	PC-Based Z-Wave Zniffer .....	2
2.1.1.1	Fixed Defects .....	2
2.1.1.2	Known Defects.....	2
2.1.2	Z-Wave XML Editor v2.05 .....	3
2.1.2.1	Fixed Defects .....	3
2.1.2.2	Known Defects.....	3
2.1.3	Z-Wave Zniffer 500 Series Firmware v2.55 .....	3
2.1.3.1	Fixed Defects .....	3
2.1.3.2	Known Defects.....	3
2.1.4	Z-Wave Zniffer 400 Series Firmware v2.33 .....	4
2.1.4.1	Fixed Defects .....	4
2.1.4.2	Known Defects.....	4
2.1.5	Z-Wave Zniffer 300 Series Firmware v2.29 .....	4
2.1.5.1	Fixed Defects .....	4
2.1.5.2	Known Defects.....	4
	<b>REFERENCES .....</b>	<b>5</b>
	<b>INDEX .....</b>	<b>6</b>

## 1 Introduction

The document describes the Test Observations (TO) that exists on the development and test tool Z-Wave Zniffer used for detecting RF communication in a Z-Wave Network. For details regarding new features and functionality, refer to [1]. For a comprehensive user guide, refer to [2].

## 2 Releases

### 2.1 PC-Based Z-Wave Zniffer v4.60

This release only has an impact on PC based Z-Wave Zniffer and Z-Wave XML Editor.

#### 2.1.1 PC-Based Z-Wave Zniffer

##### 2.1.1.1 Fixed Defects

- [ZNF-320] Role types `ROLE_TYPE_SLAVE_SLEEPING_REPORTING 0x06` and `ROLE_TYPE_SLAVE_SLEEPING_LISTENING 0x07` have wrong values.
- [ZNF-311] Zniffer cannot parse multi-channel endpoint find report correctly. The endpoints are not shown in the Zniffer when it parses the frame.
- [ZNF-310] Zniffer only accepts security keys separated by spaces. When entering a security key in the Zniffer, it requires this format: `2E 7B 2F F9 13 79 CF D8 7B E8 2D 19 B1 39 77 66`. While it will not accept this format: `2E7B2FF91379CFD87BE82D19B1397766`.
- [ZNF-307] Zniffer should understand SPANs inside transport encapsulations. SPAN synchronization often happens inside a Transport encapsulated frame. Zniffer should be able to parse that synchronization.
- [ZNF-313] Zniffer filter home ID doesn't work as expected.
- [ZNF-297] Zniffer cannot decode transport service encapsulated frames. When transport service encapsulated frames are in the Zniffer, the payload is not decoded, making it impossible to make sense of the encapsulated data.
- [ZNF-299] Zniffer is not able to follow the synchronization if transport service is used. Zniffer is not able to decrypt frames if transport service used during a S2 frame flow.

##### 2.1.1.2 Known Defects

- [ZNF-337] Restart current capture not working when paused.
- [ZNF-336] Using 'ENTER' does not apply filter.
- [ZNF-335] Zniffer must parse Longitude Degrees parameter of the Geographic Location Set command as decimal.
- [ZNF-334] Zniffer does not decode Multilevel Sensor Commands when Multichannel encapsulated.
- [ZNF-333] Zniffer incorrectly decodes Multilevel Sensor Supported Sensor Report Command.
- [ZNF-332] Zniffer shows the wrong deltatime between events, when any filters are enabled.

- [ZNF-330] Zniffer does not decode INIF frame during smart start inclusion.
- [ZNF-329] Zniffer cannot decrypt Security2 frames in some rare situations.
- [ZNF-326] Zniffer UI does not display Trace Comment.
- [ZNF-325] Debug is not saved in Zniffer trace. When doing a Zniffer trace with an embedded debug trace using the debug port selection, the debug information showed fine in the running Zniffer. If the trace is save and reloaded, the debug information is either missing or shown as CRC errors.
- [ZNF-319] Zniffer shows incorrect value for kex report.
- [ZNF-318] Zniffer does not parse multilevel sensor supported sensor report bitmask correctly.
- [ZNF-312] Zniffer does not parse configuration properties report correctly.
- [ZNF-311] Zniffer cannot parse multi-channel endpoint find report correctly. When sending a multi-channel endpoint find report from PC controller listing two endpoints, these endpoints are not shown in the Zniffer when it parses the frame.
- [ZNF-308] Zniffer parses the NewNodeRegistered Z-Wave protocol frame incorrectly.
- [ZNF-301] Zniffer needs to stop the recording before the Save option becomes available.
- [ZNF-293] PC Controller and PC Zniffer must parse Longitude Degrees parameter of the Geographic Location Set command as decimal.

### **2.1.2 Z-Wave XML Editor v2.05**

#### **2.1.2.1 Fixed Defects**

None

#### **2.1.2.2 Known Defects**

None

### **2.1.3 Z-Wave Zniffer 500 Series Firmware v2.55**

#### **2.1.3.1 Fixed Defects**

None.

#### **2.1.3.2 Known Defects**

None.

**2.1.4 Z-Wave Zniffer 400 Series Firmware v2.33****2.1.4.1 Fixed Defects**

None.

**2.1.4.2 Known Defects**

None.

**2.1.5 Z-Wave Zniffer 300 Series Firmware v2.29****2.1.5.1 Fixed Defects**

None.

**2.1.5.2 Known Defects**

None.

## References

- [1] Silicon Labs, SRN13233, Software Release Note, Z-Wave Zniffer.
- [2] Silicon Labs, INS10249, Instruction, Z-Wave Zniffer User Guide.



## Index

No index entries found.