



HARDWARE SIMILARITIES DECLARATION

FOR @Road Models iLM3160-W, iLM3161-W, and iLM3164-W

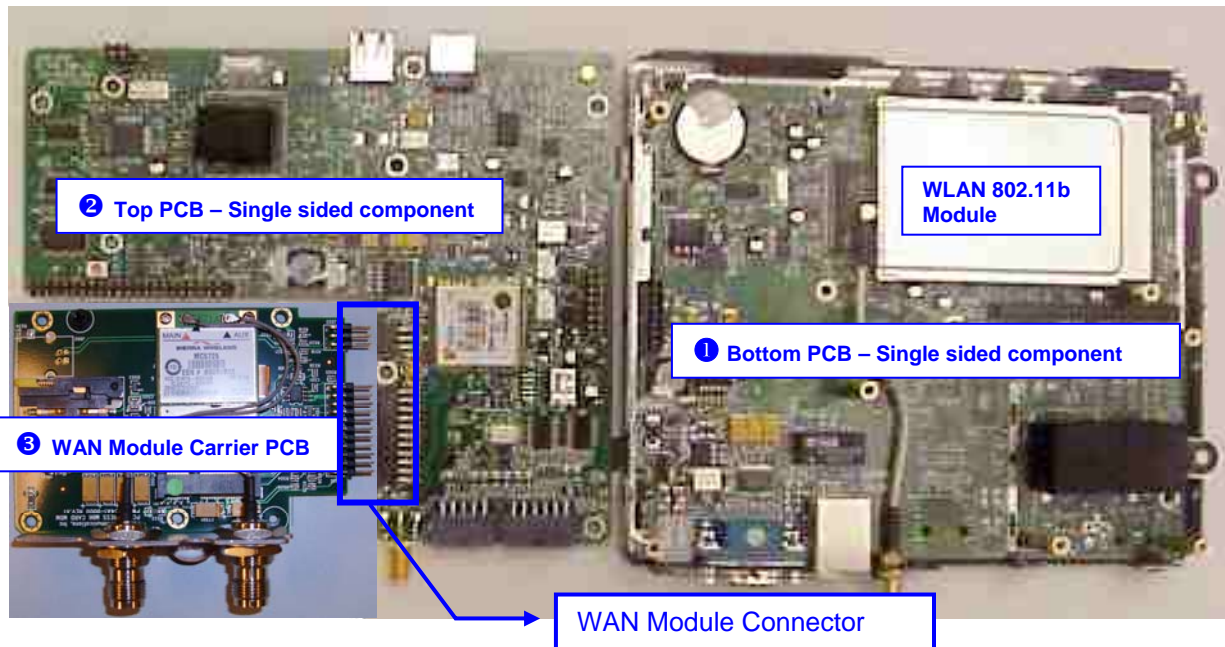
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1. Overview: iLM316X-W is categorized into 3 sub models iLM3160-W, iLM3161-W, and iLM3164-W. All the models share same a hardware platform in all aspects. The different name of the models is designed for carrier specific, such as iLM3160-W is for Verizon, iLM3161-W is for SPRINTS, and iLM3164-W is for ALLTEL. All models is embedded with the same EvDO/CDMA Module, MC5725 made by Sierra Wireless.

2. iLM316X-W Series Similarities Descriptions

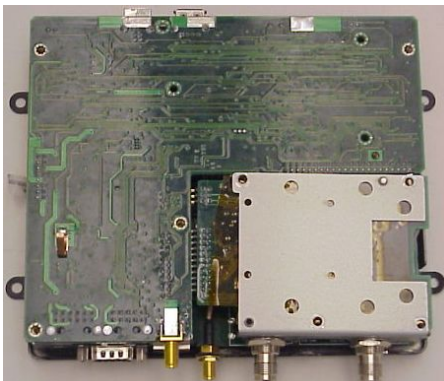
2.1. Hardware: All models iLM3160-W, iLM3161-W, and iLM3164-W models share a common host platform includes mechanical housings, in other words their hardware are identical in all aspects. The details are shown in pictures below.

iLM316X Host Platform Internal Pictures – PCB Component side views



- 1 Bottom PCB – Single sided component**
 - All models share same PCB which has identical circuit design
- 2 Top PCB – Single sided component**
 - All models share same PCB which has identical circuit design
- 3 WAN Module Carrier PCB**
 - The WAN module PCB **3** is removable from PCB **2** the design is for serviceability.

iLM316X-W PCBs Assembly



iLM316X-W Complete Assembly



Antenna Connectivity: iLM316X-W requires 4 antennas in order to function normal. A solution of two antennas were selected one combo multiband and one dual band, see detailed specifications on a separate attachment.

