

Rhein Tech Laboratories, Inc.
360 Herndon Parkway
Suite 1400
Herndon, VA 20170
<http://www.rheintech.com>

Client: Alarm.com
Model: ADC-450L
Standards: FCC 15.249/IC RSS-210
IDs: YL6-143450L/9111A-143450L
Report #: 2014100

Appendix D: FCC Part 15 Unlicensed Modular Transmitter Equipment Approval

Please refer to the following page.



ALARM.COM

FCC Modular Approval Criteria

- i. **The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly;**
[Alarm.com] Device is equipped with metal shielding to cover RF elements.
- ii. **The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal;**
[Alarm.com] Inputs to the modules are buffered through microprocessor inputs.
- iii. **The module must contain power supply regulation on the module;**
[Alarm.com] The device contains 3.8V regulator to power the radio.
- iv. **The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b);**
[Alarm.com] The device is equipped with a whip antenna that is soldered onto the board during the manufacturing process.
- v. **The module must demonstrate compliance in a stand-alone configuration;**
[Alarm.com] The device was tested outside of any host device that would normally supply power.
- vi. **The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labeling requirements);**
[Alarm.com] The device is labeled with an Alarm.com assigned FCCID.
- vii. **The module must comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee;**
[Alarm.com] The transmitter will not send data unless it is included within a Z-Wave network. In order for it to be added to a network, a button must be pushed on the device.
- viii. **The module must comply with RF exposure requirements.**
[Alarm.com] The module is not a portable device. It is installed in a static location.

Regards,


AnneMarie Ferraro
VP Network Operations