ALPINE ELECTRONICS, INC.
20-1 Yoshima-Kogyodanchi Iwaki-City Fukushima 970-1192 Japan.
Phone: (+81) 246-36-4111 Fax: (+81) 246-36-6090

September 1, 2010

FCC ID : A269ZUA132
IC : 700B-IAM2102
Model : IAM2.1 BT PWB US2
Applicant : ALPINE ELECTRONICS, INC.

Request for Limited Modular Transmitter Approval

This Bluetooth Module (Model: IAM2.1 BT PWB US2) is designed by ALPINE ELECTRONICS, INC., and only installed to devices for vehicles.
This modular transmitter complies the modular transmitters basic requirements (Item 1 to 8) in FCC Part 15 Subpart C Section 15.212 and Canada RSS-Gen, Issue 2, 7.1.1 as indicated below:

[Modular transmitters basic requirements]

(1) Have its own RF shielding: This module has its own RF shielding. Please refer to the photo exhibit of this filing.

(2) Have buffered modulation/data inputs: Data input to this modular transmitter is controlled as not generating excessive data speed and abnormal modulation.

(3) Have its own power supply regulation: This modular transmitter has own power supply regulator.

(4) Comply with the antenna and transmission system requirements of FCC § 15.203, 15.204(b) and 15.204(c): This module has a unique antenna coupler, U-FL. This modular transmitter will always be used in the configuration in which it was authorized.

(5) Tested in a stand-alone configuration: The modular transmitter has been performed the testing as a stand alone and then confirmed the compliance.
Unless the transmitter module will be battery powered, it must comply with the AC line conducted requirements found in FCC § 15.207 and Canada RSS-Gen, Issue 2, 7.2.2. AC or DC power lines and data input/output lines connected to the module must not contain ferrites, unless they will be marketed with the module. The length of these lines shall be the length typical of actual use or, if that length is unknown, at least 10 centimeters to insure that there is no coupling between the case of the module and supporting equipment. Any accessories, peripherals, or support equipment connected to the module during testing shall be unmodified and commercially available: This modular transmitter is only installed to devices for vehicles; therefore it will never be supplied AC power and the test for FCC § 15.207 and Canada RSS-Gen, Issue 2, 7.2.2 are not conducted. DC power lines and data input/output lines does not contain ferrites, and the lengths of these lines are typical of actual use. All peripherals used during the testing are unmodified and commercially available. Please refer to the test report.

(6) Equipped with either a permanently affixed label or must be capable of electronically displaying its FCC ID/IC number: Please refer to the label drawing exhibit.
If the FCC ID/IC number is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module: If the FCC ID/IC number is not visible, FCC ID/IC number will also be displayed on the host device. Please refer to the installation manual.

(7) Comply with any specific rules or operating requirements that ordinarily apply to a complete transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements: The necessary explanation to be complied with this requirement is contained in the manual. Please refer to the installation manual.

(8) Comply with any applicable RF exposure requirements in its final configuration: The modular transmitter complies with FCC and IC radiation exposure requirement.

S. Asuke

Shinichi Asuke
ALPINE ELCTRONICS, INC.