

Limited Modular Approval Request

August 18, 2010  
ASC-10-F001

UL CCS  
471773 Benicia Street  
Fremont, CA. 94538 USA

Re: Request for Limited Modular Approval for Mobile Application  
FCC Part 15C, Sections 15.212 and 15.247  
Bluetooth Modular, Models YEAP01A046, YEAP01A049, YEAP01A112  
FCC ID: ACJ932CQ-US70G0

To Whom It May Concern:

- (1) Have its own RF shielding:  
This modular transmitter has its own RF shielding, which covers the RF circuitry on the PWB. Refer to below photograph.



- (2) The modular transmitter must have buffered modulation/data inputs:  
Data input to this modular transmitter is controlled as not generating excessive data speed and abnormal modulation.
- (3) The modular transmitter must have its own power supply regulation:  
The RF module is constantly provided voltage (DC3.3V) through its own regulator regardless of input voltage. Therefore, this EUT complies with the requirement.
- (4) The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c):  
This equipment has a unique coupling antenna connector, and the installation is to be done by the professionals. Therefore, the equipment complies with the antenna requirement of section 15.203.
- (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. The 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 module is only installed to devices for vehicles; therefore it will never be supplied AC power and the test for FCC § 15.207 is not conducted. DC power lines and data input/output lines do 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) The modular transmitter must be labeled with its own FCC ID, and, if the FCC ID 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:  
This modular transmitter complies with this requirement. Please refer to the file of Label drawing and location and Installation Manual.
- (7) The modular transmitter must comply with any specific rule or operating requirements applicable to the 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 instruction manual.
- (8) The modular transmitter must comply with any applicable RF exposure requirements:  
The modular transmitter complies with FCC radiation exposure requirement for mobile operation with minimum 20 cm spacing between antenna and user's body.

Thank you for your attention to this matter.

Sincerely,

*Richard Mullen*

Richard Mullen  
Group Manager  
Product Safety & Compliance Division