

FCC ID : SBBKGR-M4452-011
 Model : KGR-M4452-011/KGR-M4452-111
 Type of Equipment : CLi ID READER BOARD
 Applicant : YAMAHA MOTOR CO.,LTD. IM Company

Request for Limited Modular Approval

Model No.:KGR-M4452-011 has ten antennas that are all identical antennas.

Model No.:KGR-M4452-111 has eight antennas that are all identical antennas.

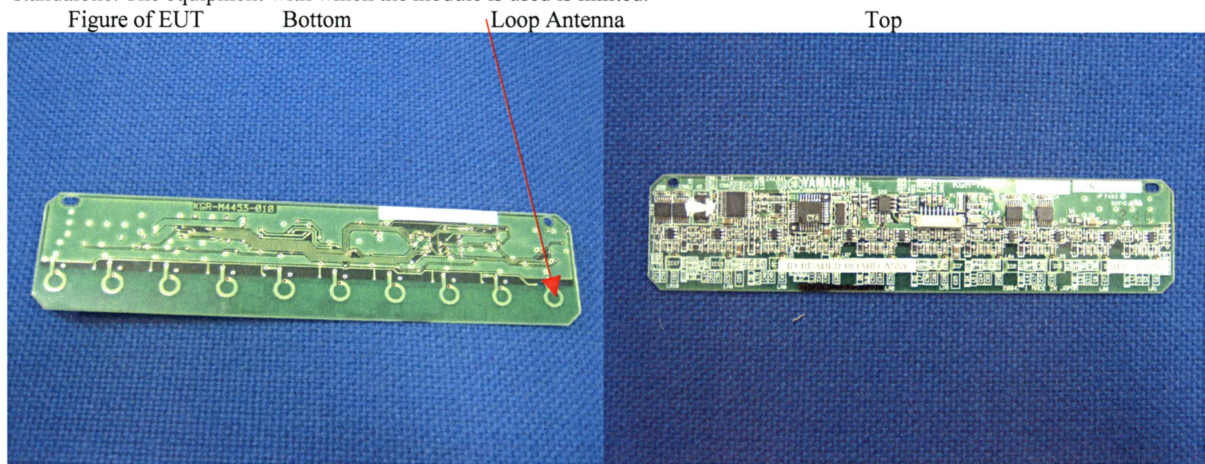
The modular transmitter is designed by YAMAHA MOTOR CO.,LTD.

This modular transmitter will be equipped only on surface mounter which is produced by or the manufacturer consigned the production by YAMAHA MOTOR CO.,LTD.

The modular transmitter complies the module basic requirement (Item 1 to 8) in FCC Public Notice: Part 15 Unlicensed Modular Transmitter Approval(DA00-1407) as indicated below:

Module basic requirement

- (1) Have its own RF shielding.: Although RF module itself is not shielded, the module complies with FCC requirements as standalone. The equipment with which the module is used is limited.



- (2) The modular transmitter must have buffered modulation/data inputs.: Data input to the 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 modular transmitter does not have its own power supply, but regulated power of 5.0V is supplied from host equipment surface mounter. Therefore, the equipment meets this requirement.

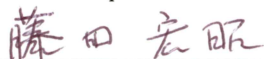
- (4) The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).: The modular transmitter is installed in the end product by the professionals. Neither antenna nor cable is to be exchanged with any other replacement.

- (5) The modular transmitter must be tested in a stand alone.:. The modular transmitter has been performed the testing as a stand alone and then confirmed the compliance. Please refer to the Test report. (No. 24IE0270-HO)

- (6) The modular transmitter must be labeled with its own FCC ID number, 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 is complies with this requirement. Please refer to the Label drawing and location.

- (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 manual.

- (8) The modular transmitter must comply with any applicable RF exposure requirements.:
- Limits for General Population / Uncontrolled Exposure. Limit (E) = 824/13.56MHz = 60.8V/m
 Measurement result: f 13.56MHz 53.0dBuV/m(at 3m) ≪ Limits for General Population
 EUT is complied with FCC requirements. Please refer to test report. (No.24IE0270-HO)



Hiroaki Fujita
 Vice President
 YAMAHA MOTOR CO.,LTD. IM Company