

Company Name : KORG INC.

FCC ID : KIJ-WRRF

Request for modular approval in accordance with section 15.212 Modular Transmitters

Single Module Approval Requirements:

Item	Requirements	EUT conditions	Comply
1	The radio elements of the modular transmitter must have their own shielding. The physical crystal and tuning capacitors may be located external to the shielded radio elements. (§15.212.(a)(1)(i))	Device is equipped with Metal shielding to cover RF section. Refer to external photos	Yes
2	The modular transmitter must have buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with Part 15 requirements under conditions of excessive data rates or over-modulation. (§15.212 (a)(1)(ii))	All inputs to the modules are buffered through logic or transceiver inputs.	Yes
3	The modular transmitter must have its own power supply regulation. (§15.212 (a)(1)(iii))	Internal 1.8V power regulator. Refer to Block diagram partNo.IC1	Yes
4	The modular transmitter must comply with the antenna and transmission system requirements of Sections 15.203, 15.204(b) and 15.204(c). The antenna must either be permanently attached or employ a “unique” antenna coupler (at all connections between the module and the antenna, including the cable). (§15.212 (a)(1)(iv))	The 1/4 λ monopole antenna is integrated into Module. Refer to external photos.	Yes
5	The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing for compliance with Part 15 requirements. Unless the transmitter module will be battery powered, it must comply with the AC line conducted requirements found in Section 15.207. 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 (see Section 15.27(a)). 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 (see Section 15.31(i)). (§15.212 (a)(1)(v))	Device was tested alone for full modular approval. Refer to setup photos.	Yes

6	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. (§15.212 (a)(1)(vi))	The proposed FCC ID label format is to be placed on the module. If FCC ID is not visible when the module is installed into the system, “Contains FCC ID: KIJ-WRRF” shall be placed on the outside of final host system. Refer to “User's Manual.”	Yes
7	The modular transmitter is manufactured so that the user cannot influence the operation of the transmitter that will operate outside of the scope of the regulations.	Refer to “User's Manual.” Exhibit	Yes
8	Address compliance with the Commission's RF exposure limits in Sections 1.1310 and 2.1093. In addition, spread spectrum transmitters operating under Section 15.247 are required to address RF exposure compliance in accordance with Section 15.247(b)(4).	Meet RF exposure compliance requirement	Yes