

FCC ID : 2ARG9-ELR100
IC : 25891-ELR100

Modular Approval Request Letter

Modular approval- Requirement	Answers
(i) 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.	Yes. Shield Can is employed on the board The external crystal and tuning capacitors are located inside of the modular.
(ii) 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.	Yes. The component number is SX1276
(iii) The modular transmitter must have its own power supply regulation.	The modular transmitter doesn't have its own power supply regulation. The modular transmitter is always incorporated into a specific host device having a power supply regulator for the modular transmitter. Refer to the eLR100-UL-00 Manual.
(iv) The modular transmitter must comply with the antenna and transmission system requirements of §§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). The "professional installation" provision of §15.203 is not applicable to modules but can apply to limited modular approvals under paragraph (b) of this section.	Yes.
(v) The module must demonstrate compliance in a stand-alone configuration.	Yes. The module has been tested in stand-alone configuration. The EUT was tested in a stand-alone configuration via a USB to UART extender. please see section photographys of test configuration in the test report , the EUT was plugged in this extender.
(vi) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.	Yes. The modular transmitter is labeled with its FCC LOGO Please refer to label sample and label location.

(vii) The modular transmitter must 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. A copy of these instructions must be included in the application for equipment authorization.	Yes. The modular complies with this requirement. Please refer to user manual.
(viii) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	Yes. The device complies with this requirement.

Sincerely,

Name / Title : Kyu Hyun Jung / Manager

Date : January 27, 2020

Signature : 