

e-Infochips Inc

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Applicant	eInfochips Inc.		
FCC ID :	2ATUP-AIKRI-82X-50S		
Section 15.212 Modular Transmitters			
Request for Single Modular Approval	Yes	Request for Limited Modular Approval	No
SL. No	Requirement	EUT Condition	Comply (Yes/No)
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	The radio elements apart from antenna connectors are covered under EMI shield along with physical crystal and tuning components.	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	The communication to the radio uses digital technology. The communication buffering eliminates the ability to over-modulate the radio under all conditions.	Yes
3	The modular transmitter must have its own power supply regulation	The power to the modular transmitter is generated from on-board PMIC.	Yes



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5	The modular transmitter must be tested in a stand-alone configuration, <i>i.e.</i> , 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 §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 §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 centimetres 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 §15.31(i))	SOM Board was tested in standalone configuration. Carrier board was used to provide the power to SOM Board.	Yes
6	The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number	EMI shield of CPU Section will have FCC Identification Number.	Yes
7	The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee	Module will comply to the all rules, conditions provided in the integration instructions by the grantee	Yes
8	The module must comply with RF exposure requirements	Yes	Yes

A full modular approval may be granted for single or split modular transmitters that do not comply with all of the above requirements, e.g., shielding, minimum signaling amplitude, buffered modulation/data inputs, or power supply regulation, if the manufacturer can demonstrate by alternative means in the application for equipment authorization that the modular transmitter meets all the applicable Part 15 requirements under the operating conditions in which the transmitter will be used. Limited modular approval also may be granted in those instances where compliance with RF exposure rules is demonstrated only for particular product configurations. The applicant for certification must state how control of the end product into which the module will be installed will be maintained such that full compliance of the end product is always ensured



Signature