

Date: 08 February, 2015
Ref: LMA Compliance Letter
To: Federal Communications Commission

Subject: LMA compliance letter

SuperCom Ltd. is requesting to approve the FCC single modular approved module with FCC ID: W5P-HE910 for use in the PureCom v1.0 as LMA, since the PureCom v1.0 also contains a LF 125 kHz transmitter a Texas Instrument 2.4 GHz transmitter approved under FCC ID: Z64-WL18SBMOD transmitting simultaneously with the RI7HE910.

The single modular approval of the FCC approved module under FCC ID: W5P-HE910 does not allow co-location or co-transmission.

The FCC ID: W5P-HE910 approved module is not sold separately, and is not installed in any units other than Supercom's products. The module is currently used in the following host: PureCom v1.0.

In any case where the FCC approved module under FCC ID: W5P-HE910 will be added to other hosts in the future, SuperCom Ltd. will expand the LMA to include the new hosts in which there is simultaneous transmission of this module and another transmitter.

Due to all the above mentioned, SuperCom Ltd. feels that the testing conducted by ITL to the module, with the fact that SuperCom Ltd. has full control on the sales and installation of the module, assure complete compliance with FCC LMA procedure.

As per § 15.212 Modular transmitters: Single modular transmitters must meet the following requirements to obtain a modular transmitter approval.		
Requirement	Not Maintained	Maintained
(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.		X
(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.		X
(3) The modular transmitter must have its own power supply regulation.		X
(4) 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.		X
(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 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 §15.31(i)).	X (not tested in stand-alone configuration in order to allow use in the PureCom v1.0)	
(6) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.		X

As per § 15.212 Modular transmitters:

Single modular transmitters must meet the following requirements to obtain a modular transmitter approval.

Requirement	Not Maintained	Maintained
(7) 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.		X
(8) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.		X

Thank you,

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Supercom Ltd.

