



**Kornit
Digital**
bonding
matters

Date: 10th of March 2016

Ref: LMA Compliance Letter

To: Federal Communications Commission

Subject: LMA compliance letter

This letter introduces Kornit Digital's request to approve its 13.56MHz RFID module, RFID Bulk System according to FCC Limited Modular Approval procedure, and to demonstrate the means to control the module as required by the LMA procedure.

The RFID Bulk System is specialty designed to be placed in Kornit Digital's printers.

The system's main feature is to prevent customers from using ink other than provided by Kornit. This is achieved by placing RFID tags on ink bottles and RFID reader on the Bulk system base.

This model is not sold separately, and is not installed in any units other than Kornit Digital's products, and currently it is used in the following hosts:

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Paradigm

Paradigm 2

Avalanche

Avalanche 1000

Avalanche 2000

Avalanche Hexa

Avalanche DC Pro

Allegro

Allegro 2

Vulcan

Storm

Storm 2

Storm 1000

Storm Hexa

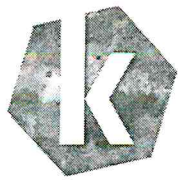
Storm Duo

Breeze

In any case where the RFID Bulk System will be added to other hosts in the future, Kornit Digital will expand the LMA to include the new hosts.

Due to all the above mentioned, Kornit Digital feels that the testing conducted by ITL to the various hosts, with the fact that Kornit Digital will have full control on the sales and installation of the module, assure complete compliance with FCC LMA procedure.

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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.	No shielding	
(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.		V The modular transmitter has RS232 connection
(3) The modular transmitter must have its own power supply regulation.		V

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As per § 15.212 Modular transmitters:

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

Requirement	Not Maintained	Maintained
<p>(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).</p> <p>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.</p>		V

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As per § 15.212 Modular transmitters:

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

Requirement	Not Maintained	Maintained
(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)).		V Refer to test report
(6) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.		V

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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.		V
(8) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.		V

Thank you,

Yehuda Krasner

Director of Quality and Reliability

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