



REQUEST FOR MODULAR APPROVAL LETTER

FEDERAL COMMUNICATIONS COMMISSION
7435 Oakland Mills Road
Columbia MD 21046

Subject: Request for Modular Approval

FCC ID: ZRW-CWFI001

To Whom It May Concern:

Provo Craft requests modular approval for the Cricut Wireless Adapter. FCC ID: ZRW-CWFI001

The modular transmitter complies with the eight requirements below:

1. The modular transmitter must have its own RF shielding.

The RF Chip set in the Wireless Adapter has its own RF shielding and no additional shielding is needed to show compliance.

2. The modular transmitter must have buffered modulation/data inputs.

The data chip used in the Wireless Adapter contains circuitry that provides the required buffering.

3. The modular transmitter must have its own power supply regulation.

The power regulator in the Wireless Adapter that provides the 1.5 vdc to the transmitter contains circuitry that regulates the output power.

4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c)

The Wireless Adapter has a permanently attached antenna on the printed circuit board.



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5. The modular transmitter must be tested in a stand-alone configuration.

The module has been tested in a stand-alone configuration and shown to comply with the AC line conducted requirements found in Section 15.207. The length of the power lines and data lines connecting the module was approximately 4.5". The power lines and data lines contained no ferrites.

6. The modular transmitter must 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.

The module is labeled with the label included as an attachment to this report. An additional label with instructions for affixing to the Cricut cutting machine will be provided with the modular transmitter. This label is also included as an attachment to this report.

7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements.

The modular transmitter has a proprietary connector that allows it to interface only with a Provo Craft Cricut machine. The Broadcom radio module integrated into the modular transmitter is fully 802.11 b/g compliant.

8. The modular transmitter must comply with any applicable RF exposure requirements.

The MPE calculations show that the maximum power density of the modular adapter falls below the maximum permissible limit. The MPE calculations are included as an attachment titled "MPE Calculations Cricut Wireless Adapter".

Christopher Dodge
Quality & Regulatory Compliance Engineer

8-29-11

Date