



JOHN DEERE

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Britt Anderson
Compliance Engineer

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Federal Communications Commission
Office of Engineering and Technology Laboratory Division
7435 Oakland Mills Rd.
Columbia MD 21046

ATTN: Director of Certification

Subject: Modular Telematics Gateway 4G LTE Professional Installation

Applicant: Deere & Company
Product: Modular Telematics Gateway 4G LTE
Model: MA4G
FCC ID: OV5-MA4G

We, Deere & Company, hereby declare the Modular Telematics Gateway 4G LTE complies with the requirements of KDB 353028 D01 Antennas Part 15 Transmitters v01r01.

| ITEM # | KDB 353028 | Response |
|--------|--|--|
| 01. | Professional installation must be justified in the filing, and grant condition must state "This device must be professionally installed." | Deere accepts adding "This device must be professionally installed" as a grant condition. |
| 02. | Professional installation does not permit use of any antenna with the transmitter; the permitted types of antennas must be specified. | Professional installation requires Deere approved antennas. Deere only offers approved antennas. The antennas permitted for use in the JDLink applications are listed in the operators manual & install instructions. |
| 03. | To qualify for professional installation, the applicant must explain why the hardware is not readily available to average consumer. | The Modular Telematics Gateway 4G LTE is available through Deere dealerships only. The antenna is a unique part to John Deere which is not readily available through an external supply chain. The part can be installed incorrectly rendering the machine and application to become unusable. The antenna is specifically designed to work with the MTG 4G LTE. A customer picking an off the shelf antenna would see errors. |
| 04. | Marketing—Device cannot be sold via retail to the general public or by mail order; it must be sold to authorized dealers or installers only | The Modular Telematics Gateway 4G LTE is available through Deere dealerships only. Antenna kits are also available through authorized Deere dealers. |
| 05. | Filing must show that intended use is not for consumers and public; rather device is generally for industrial/commercial use. | The Modular Telematics Gateway 4G LTE is intended for use on Agricultural, Turf, Construction, and Forestry machinery. Kits are sold through authorized dealers. |
| 06. | Explain what is unique, sophisticated, complex, or specialized about the equipment that REQUIRES it to be installed by a professional installer? | The Modular Telematics Gateway 4G LTE is specialized because it collects telematics data from CAN or analog inputs and transmits the data to view on the customer's JDLink account. The Modems/antennas can be used to control machines, therefore a dealer shall install them. |
| 07. | Installation must be controlled. | The Modular Telematics Gateway 4G LTE and antenna kit installation is controlled through installation instructions provided to the dealer. |
| 08. | Installed by licensed professionals (e.g., device sold to dealer who hire installers). | The Modular Telematics Gateway 4G LTE and antenna kit is installed by the Deere dealership. |
| 09. | Installation requires special training (e.g., special programming, access to keypad, field strength measurements made). | The Modular Telematics Gateway 4G LTE and antenna kit is installed by the Deere dealership employees who are trained and have access to installation instructions. |

This document is solely submitted for purposes of review and for the certification of wireless devices and for no other purpose and should not be disclosed to any third parties without prior written consent of Deere & Company.

Should you have any questions, comments, or require additional information regarding this matter, please do not hesitate to contact me.



Confidential with no Personal Information



JOHN DEERE

Yours sincerely,

Britt Anderson
Compliance Engineer

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