



JOHN DEERE

November [INSERT], 2019

Office of Engineering and Technology
Laboratory Division
Equipment Authorization Branch, FCC Laboratory
Columbia, MD 21046

Attn: Reviewing Engineer

Subject: Extended Frequency Justification for Certification of Transmitter Model:
 OV5-RTK450

Dear Sir/Madam:

This letter memorializes the justification for extended frequencies of John Deere transmitter model no. OV5-RTK450 (“Transmitter”).

The Transmitter was designed to operate in the 430-470 MHz frequency range, and complies with the Section 90.203(e) of the Federal Communications Commission’s (“FCC”) rules.¹ Specifically, the Transmitter’s normally accessible external controls cannot be used to directly program transmit radiofrequencies. Transmitter frequency programming is the responsibility of appropriately authorized service or maintenance personnel.

Consistent with Knowledge Database response KDB634817, John Deere acknowledges that FCC rules prohibit operation of the Transmitter on unauthorized frequencies. As an alternative to listing exact frequencies, Table 1.0 below identifies the Transmitter’s frequency range and relevant FCC rule parts. We acknowledge that it’s a violation of the FCC Rules if this device operates on unauthorized frequencies.

Frequency Range (MHz)	FCC Rule Part 90	Federal Use
430-450	X	
450-454	X	
456-460	X	
460-462.5375	X	
462.5375-462.7375		X
462.7375-467.5375	X	
467.5375-467.7375		X
467.7375-470	X	

If the Equipment Authorization Branch has questions or concerns regarding this letter, please contact the undersigned.

A handwritten signature in cursive script, appearing to read "Nancy Post". The signature is written in dark ink on a white background.

Nancy Post
Director-Embedded Solutions

¹ See 47 C.F.R. § 90.203(e).