

MRXGME433TX2

Consumer Use Modes	Manufacturing & Service Modes	Mode of Operation	Explanation	Frequency of Transmission
X		Roll Mode (Drive mode)	Transmitter in normal operation - wheel is rotating and roll switch is closed	8 words every 60 seconds
	X	Learn Mode	Transmits 40 words after magnetic or LF transponder activation or when sensor exits Off mode due to Roll switch closure	40 words for 1 transmission, < 5secs
	X	Factory Mode.	Transmitter is in Factory mode for the next 16 or fewer Roll Switch closures after a Learn activation. The Wheel has to be rotating (roll switch closed)	8 words every 10 seconds.
X	X	Stationary Mode	Transmitter enters mode after Factory Mode or Drive Mode - Wheel is not rotating - Vehicle is stopped.	no transmission
X		Wake Mode	Transmit 8 words when sensor transitions from Stationary mode to Drive mode due to Roll switch closure	8 words for 1 transmission
X	X	Off Mode	Transmit 8 words when sensor transitions to Off mode	8 words for 1 transmission
X		Low Battery Mode	Pursuant to Section 15.231(a)(4), alarm conditions apply for these two modes as they occur only during sudden change in tire pressure or at the time of low battery, per conversations with FCC.	
X		Re-measure Mode		
X	X	Sleep Mode	All of the time between the other modes	no transmission

Notes:

- 1) The manufacturing and service modes fall under FCC Part 2.803(d),2.803(e)(1)(iv),(v), and 2.803(e)(2). These modes are used to setup and program the tire pressure monitoring system on the vehicle and will be used in factory and service environments (i.e. vehicle/tire dealers) only. Since these procedures require special equipment and training, they will not be evoked by the consumer.
- 2) Power levels of all transmissions are the same
- 3) 8 word packet is < 1sec in duration



Joseph Brunett &lt;jdbrunett@gmail.com&gt;

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## Response to Inquiry to FCC (Tracking Number 378112)

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Generic Office of Engineering Technology &lt;oetech@fccsun27w.fcc.gov&gt;

Thu, Jun 22, 2006 at 11:48  
AM

To: jdbrunett@gmail.com

**Inquiry:**

Tire Pressure Monitor Transmitters (15,231 devices) contain special modulation modes that are used to setup and program the tire pressure monitoring system on the vehicle. They are used in factory and service environments (i.e. vehicle/tire dealers) only. Since these procedures require special equipment and training, they will not be evoked by the consumer. Would operation in these modes fall under FCC section 15.231 (a) (5), or under FCC Part 2.803(d), 2.803(e)(1)(iv), (v), and 2.803(e)(2), or both? Sincerely, JDB

**Response:**

The special modulation modes, used for setup of the tire gauge device, will fall under Section 15.231(a)(5) only in this case.

Do not reply to this message. Please select the [Reply to an Inquiry Response](#) link from the OET Inquiry System to add any additional information pertaining to this inquiry.

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Joseph Brunett <jdbrunett@gmail.com>

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## One time exemption request.

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**Corey, Bob: DEB Lab <Corey.Bob@ic.gc.ca>**

**Wed, Jun 14, 2006 at 2:19 PM**

To: jdbrunett@gmail.com

Cc: "Desmarais, Nicolas: DEB Lab" <Desmarais.Nicolas@ic.gc.ca>

Joseph

RSS-210 A.1.1.1(2) in a way specifies a resolution for the requirement, it is given as maximum 5 seconds, rather than 5.0 seconds. You could use scientific rounding to the same resolution that is expressed in the requirement.

Have a good day!

Robert Corey  
Manager Certification and Market Surveillance  
Certification and Engineering Bureau  
Industry Canada  
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Phone 613-990-3869

-----Original Message-----

From: Desmarais, Nicolas: DEB Lab

Sent: June 14, 2006 1:39 PM

To: Corey, Bob: DEB Lab; Sigouin, Dan: DEB Lab

Subject: FW: One time exemption request.

What is your opinion on this?

Regards,

Nicolas DesMarais

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