

Project:	SMAR TIRE SYSTEMS	<i>Confidential</i>
Record ID:		Date:
Author: Robert Patterson		Page 1 of 1

Attn: Kaite Hawkins
Federal Communications Commission,
Applications Processing Branch, 7435 Oakland Mills Road, Columbia, MD
21046.

RE: SmarTire Systems Inc
#150 13151 Vanier Place
Richmond, BC
V6V2J1
(604) 276-9884

Dear Katie

In response to the telephone conference and subsequent emails regarding FCC issues of our devices (NATTX433TS-2 (433 MHZ Strap mount transmitter) and NATTX433TV-1 (433 MHZ Valve mount transmitter)) the following changes were done to both products to comply with FCC regulations.

- (1) Since both products did not comply with FCC regulations due to the added 12 ms low power pulse, it was decided to reduce the power of this 12 ms pulse to 0. This change was done by changing the value of one resistor in the circuit from a 4k7 to a 15k.
- (2) Since the data pulse is BiPhase, the length of each packet is 18.5 ms and there are 2 packets in 100ms, then the duty cycle would be 18.5%.
- (3) The devices were then retested by Spectrum Technologies to prove that the power of the 12 ms pulse is off.

If any further questions arise please contact either Rod Munro at Spectrum Technologies or Robert Patterson at SmarTire Systems Inc.

Thank You

Sincerely

Robert Patterson
RF Design Eng
SmarTire Systems Inc
#150 13151 Vanier Place
Richmond, BC
(604) 276-9884