



**COMPATIBLE  
ELECTRONICS**

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1: Please provide additional details regarding the second paging transmitter referenced in the last TCB reply that is used for paging. This transmitter is not mentioned in the operational description, yet is shown in the block diagram as a complete second transmitter.

- o Is the transmitter frequency hopping or does it operate on a single channel?

**Response: Yes, it is frequency hopping.**

- o What is the transmit power? The previous reply stated the duty cycle as being 16 uS / 3S. Please confirm, is this the maximum transmit duty cycle? Is the duty cycle fixed?

**Response: The duty cycle is 16 uS / 3 seconds, .0000053%. This is the maximum transmit duty cycle and it is fixed. The power out of this transmitter was very low (well below that of the main transmitter).**

- o Can the paging transmitter and the “regular” transmitter transmit at the same time?

**Response: The transmitters are both powered up at the same time. However, the paging transmitter does not transmit very frequently. It only transmits one “packet” every several seconds. This packet is transmitted in between packets being transmitted from the main transmitter. This means that the transmitters are not transmitting at the same instant.**

**Since so many more packets are being sent from the transmitter, it is indistinguishable when the paging transmitter transmits. Please note during the testing both transmitters were active with the main transmitter being on a constant transmit mode for testing purposes.**

- o What is it that will prompt the paging transmitter to transmit?

**Response: During normal customer operation, this occurs when the channel selector is set to channel 9. Channel 9 is the paging channel (Please note during the testing this was active as the EUT was in a special test mode).**

- o Is the transmit power the same as the regular transmitter?

**Response: The transmit power is much less.**