

## Scott McCutchan

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**From:** Scott McCutchan [scott@celectronics.com]  
**Sent:** Thursday, November 29, 2007 12:33 PM  
**To:** 'kyle@celectronics.com'  
**Cc:** 'mike@celectronics.com'  
**Subject:** FCC ID: VSR-SWIFTCOMM07

Mr. Fujimoto:

In order for processing of this certification application (FCC ID: VSR-SWIFTCOMM07) to continue, the following issue(s) will have to be addressed:

- 1) Please describe how the device meets the definition of a frequency hopping spread spectrum system as defined in section 2.1 of the FCC rules; and:
  - a) Describe how the hopping sequence is generated. Provide an example of the hopping sequence.
  - b) Describe how the EUT meets the requirement that each of its hopping channels is used equally on average
  - c) Describe how the associated receiver(s) comply with the requirement that its input bandwidth matches the bandwidth of the transmitted signal.
  - d) Describe how the associated receiver(s) have the ability to shift frequencies in synchronization with the transmitted signals.
  - e) indicate the minimum number of hopping channels used at any given time.
- 2) The user's manual indicates that the device can operate at 2400 MHz and 2401 MHz, but the frequency range of the application is 2402-2479 MHz. Also, the frequency range listed in the manual is listed as 2402-2478 MHz with 77 channels. Please correct the user's manual.
- 3) Please indicate compliance with voltage variation requirements located in section 15.31(e) of the rules.
- 4) Please provide RF hazard (MPE) calculations.

The item(s) indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Please upload responses and/or exhibits to the electronic filing website. Your correspondence number is VSR-SWIFTCOMM07-1.

Best regards,

Scott McCutchan  
Operations Manager  
Compatible Electronics TCB