Addendum relating to compliance with provisions of section 15.247 (a) (1)

Rule:
"The system shall hop to channel frequencies that are selected at the system hopping rate from a pseudorandomly ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter."

Manufacturer Clarification:
The OEM customer is allowed to select whether they want to use 50 hopping channels or 26 hopping channels. The pseudorandom hopping channel sequence is defined within the CC1010's embedded RF protocol and is not accessible to the OEM customer. The transmitter does not deviate or adapt from this pseudorandom pattern hard coded into the CC1010 and will always be equally distributed over the selected hop channel set.
Reference the test report for dwell time and evenly timed usage of a frequency while in transmit.

Rule:
"The system receivers shall have input bandwidth that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals."

Manufacturer Clarification:
The 4X90200 family of radios have a precise IF filter which is part of the integrated CC1010 transceiver chip manufactured by Chipcon. The width of the IF filter is specified by Chipcon to be 175kHz (See Pg. 11 of CC1010 Datasheet Rev.1.3 at www.chipcon.com). The measured channel bandwidth of the transmitter according to the test report is 180khz, which closely matches the IF filter.
Refer to the Technical Description for information regarding synchronization of the 4490 and 4790 versions of this product.