

Federal Communications Commission
P.O. Box 429
Columbia, MD 21045

Date: April 1, 2005

Gentlemen:

The system of transceivers, which involves both the B50FEBnet and FEBnet Node units, were designed such that:

- A) The system receivers have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shift frequencies in synchronization with the transmitted signals.

and

- B) The frequency hopping spread spectrum systems do not employ all available hopping channels during each transmission. However, the system, consisting of both the transmitter and the receiver, is designed to comply with all of the regulations in this section should the transmitter be presented with a continuous data (or information) stream. In addition, the system employing short transmission bursts complies with the definition of a frequency hopping system and distributes its transmissions over the minimum number of hopping channels specified in section 15.247.

The incorporation of intelligence within the frequency hopping spread spectrum system permits the system to recognize other users within the spectrum band so that it individually and independently chooses and adapts its hopsets to avoid hopping on occupied channels.

Thanks,

A handwritten signature in cursive script that reads "Tom Mascari".

Tom Mascari
R&D Engineer
The Bodine Company