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Federal Communications Commission

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Additional declaration part according to FCC 15.247 for a 902 MHz to 928 MHz FHSS devices

1. Frequency range

The frequency range of this device is 902.75 to 927.25 MHz as declared by the applicant.

2. Examples of hopping sequences

50 channel hopping sequence (channel 0 to 49):

26, 25, 1, 48, 47, 3, 49, 35, 33, 13, 32, 30, 5, 4, 45, 38, 24, 8, 22, 39, 17, 18, 2, 12, 6, 19, 7, 29, 23, 9, 31, 27, 15, 16, 10, 44, 14, 34, 28, 21, 42, 11, 46, 20, 43, 37, 36, 40, 0, 41

3. Equally average use of frequencies in data mode

All 50 channels are evenly used in the order set shown in clause 2.

4. The receiver input bandwidth

The IF bandwidth of the receiver is 1 MHz centered at 0Hz IF frequency (direct conversion) followed by digital filtering in the digital part of the receiver. The bandwidth of the digital filter depends on the tag data rate on the air interface.