BRK Brands Inc

Data:2012-10-16

FCC ID: M7UDWH400

Project: TIMCO-TCB/Request for additional info - BRK BRANDS INC. - FCC ID: M7UDWH400 - JOB #: 2556CC12

Description of Hopping Channel Sequency

There are 15 channels in total. The channels hopping from one channel to another channel during the pseudorandom selection process. The hopping interval is 12 millisecond. This system frequency hops between 10 channels. The group of 10 channels is selected out of a total of 15 hopping channels in the ISM band. If it is determined that one of the 10 hopping channels is found to be noisy or poor due to other RF interference, then a new channel is selected from the 5 unused channels (i.e. 15 - 10 = 5) and the one noisy channel is released to the unused group. This repeats whenever a noisy or poor channel is detected. For example, for the hop pattern of 2414.25MHz,2434.53MHz,2444.67MHz,2434.53MHz,2451.43MHz,2441.29MHz,2454.81MHz,2434.53MHz,2427.77MHz,2461.50MHz,2461.50MHz,2444.67MHz,2414.25MHz,2448.05MHz,2451.43MHz,2417.63MHz. The sequential hops can not follow any order, is completely random.