

To Whom it may concern,

This device is the Transmitter of remote controlled model, operating in the FHSS 2.406GHz ~ 2.420GHz band. This is a frequency hopping device, uses a radio technology called frequency-hopping spread spectrum, which the chops up the data being sent and transmits chunks of it on up to 15 bands (1 MHz each) in the range 2.406GHz ~ 2.420GHz. Each transmitter with a unique Device ID. And the Transmitter base on the Device ID to generate a Pseudo Random Frequency Hopping Table. During normal operation, the Transmitter hop frequencies every 2ms to assure a high degree of data security.

The corresponding Receiver base on the same Transmitter's Device ID value to know what will the next frequency channel, so it can to set the receiver frequency channel every 2ms to keep receiving the data from the Transmitter.

For example: EUT Pseudorandom Frequency Hopping Sequence Pseudorandom Frequency Hopping Sequence Table as below: Channel: 8, 1, 10, 13, 3, 5, 7, 2, 9, etc.

Ch1: 2.406GHz
Ch2: 2.407GHz
Ch3: 2.408GHz
Ch4: 2.409GHz
Ch5: 2.410GHz
Ch6: 2.411GHz
Ch7: 2.412GHz
Ch8: 2.413GHz
Ch9: 2.414GHz
Ch10: 2.415GHz
Ch11: 2.416GHz
Ch12: 2.417GHz
Ch13: 2.418GHz
Ch14: 2.419GHz
Ch15: 2.420GHz

Client's signature :



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