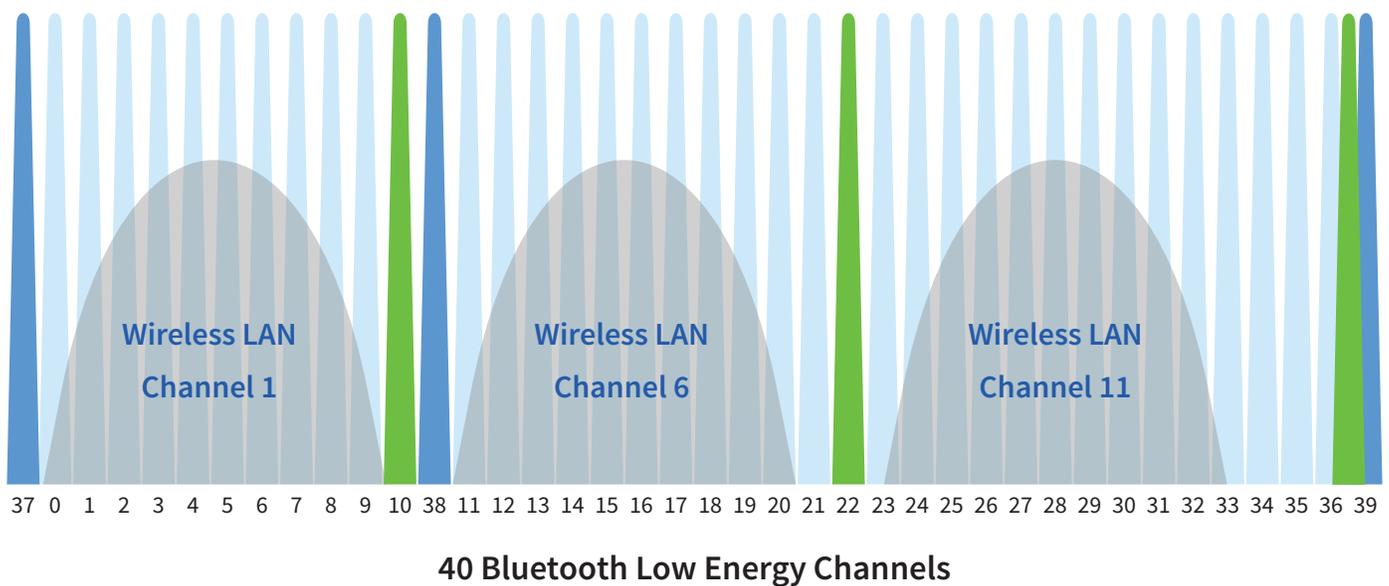


CubeConnect™ Frequency Band White Paper:

CubeConnect™ uses a proprietary 2.4Ghz radio technology to minimize interference from the most common 2.4Ghz sources (Wi-Fi, Zigbee, and Bluetooth). It uses a unique method of transmitting on three frequency channels simultaneously (which are in-between the most common Wi-Fi channels) and by transmitting four redundant data packets on all three channels each time a transmission occurs.

The provision of four transmissions over three channels for a total of 12 transmissions (per data packet) ensures that even when some of the transmissions over the three channels are not correctly received by the receiver, others will be. This method ensures that with a high degree of likelihood, at least one of the channels during one of the transmissions of a data packet will get around whatever interference is present.

The drawing below shows the Wifi, Bluetooth LE, and CubeConnect™ bands within the 2.4ghz spectrum:



- Cube Connect Channels
- Bluetooth LE Advertising Channels
- Bluetooth LE Data Channels
- 802.11 WiFi Channels