

2.5 PSEUDORANDOM HOPPING SEQUENCE

When transmitting continuously, devices radio will hop over 54 frequency channels. They will select the transmit frequency from a **pseudorandom sequence (PN5/PN6 generator)** stored in a frequency hopping table. This ensures the equally usage of all channels.

The dwell time is between 200 to 350ms per channel, well within the 400ms limit required by section 15.247(a)(1)(i) of the regulations.

2.7 FCC FREQUENCY HOPPING TABLE DECLARATION

The following table describes the FCC channel hopping frequencies that will be used by the TD1508 modem for SIGFOX network in FCC applicable zones:

Micro Channel 1 (MHz)	Micro Channel 2 (MHz)	Micro Channel 3 (MHz)	Micro Channel 4 (MHz)	Micro Channel 5 (MHz)	Micro Channel 6 (MHz)
902.1375	902.1625	902.1875	902.2125	902.2375	902.2625
902.4375	902.4625	902.4875	902.5125	902.5375	902.5625
902.7375	902.7625	902.7875	902.8125	902.8375	902.8625
903.0375	903.0625	903.0875	903.1125	903.1375	903.1625
903.3375	903.3625	903.3875	903.4125	903.4375	903.4625
903.6375	903.6625	903.6875	903.7125	903.7375	903.7625
903.9375	903.9625	903.9875	904.0125	904.0375	904.0625
904.2375	904.2625	904.2875	904.3125	904.3375	904.3625
904.5375	904.5625	904.5875	904.6125	904.6375	904.6625