

12.3. Measurement Result

The dwell time of 0.312 s within a 30 second period in data mode is independent from the packet type (packet length). The calculation for a 30 second period is as follows:

Dwell time = time slot length * hop rate / number of hopping channels * 30s

A period time = 0.4 (ms) * 79 = 31.6 (s)

CH Low: DH1 time slot = 0.405 (ms) * (1600/(2*79)) * 31.6 = 129.6 (ms)
 DH3 time slot = 1.675 (ms) * (1600/(4*79)) * 31.6 = 268.0 (ms)
 DH5 time slot = 2.925 (ms) * (1600/(6*79)) * 31.6 = 312.0 (ms)

CH Mid: DH1 time slot = 0.405 (ms) * (1600/(2*79)) * 31.6 = 129.6 (ms)
 DH3 time slot = 1.675 (ms) * (1600/(4*79)) * 31.6 = 268.0 (ms)
 DH5 time slot = 2.906 (ms) * (1600/(6*79)) * 31.6 = 309.9 (ms)

CH High: DH1 time slot = 0.416 (ms) * (1600/(2*79)) * 31.6 = 133.12 (ms)
 DH3 time slot = 1.662 (ms) * (1600/(4*79)) * 31.6 = 265.92 (ms)
 DH5 time slot = 2.906 (ms) * (1600/(6*79)) * 31.6 = 309.97 (ms)