

Maximum duty cycle for WIT2492

5ms dwell time, 43 channels, transmission on each channel occurs once every 215ms

Base operation

Preamble	9 bytes
Sync ,ID ,control, CRC	22 bytes
Data Payload	65 bytes

Maximum packet length	96 bytes
-----------------------	----------

Bit time (1/921.6 Kbps)	1.085 us
Byte time (bit time * 8)	8.68 us
Maximum packet time (byte time * 96)	833 us

Duty Cycle

$833E-6/100E-3 = .00833$ (.833%)

Duty Cycle Correction

$20 * \text{Log} (.00833) = -41.6\text{dB}$