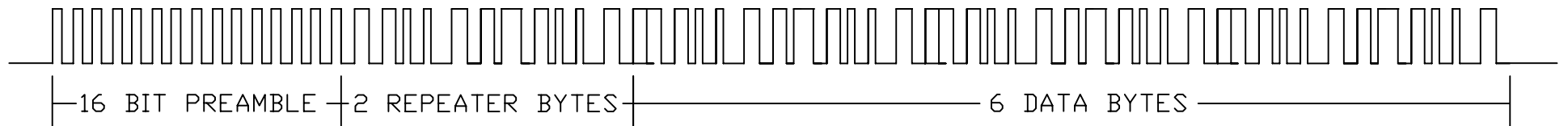


Duty Cycle Calculations for the 5840 transmitted messages
(per 100 ms, Manchester Encoded)

272 uS 6 data bytes + 2 repeater bytes + 16 bit preamble = 80 bits

80 bits * 272 uS = 21.76 mS (21.76 mS/100 mS) * 50% = 10.88%



$$80 \text{ BITS} \times 272 \text{ }\mu\text{S} = 21.76 \text{ mS}$$
$$(21.76 \text{ mS} \div 100 \text{ mS}) \times 50\% = 10.88\% \text{ DUTY CYCLE}$$