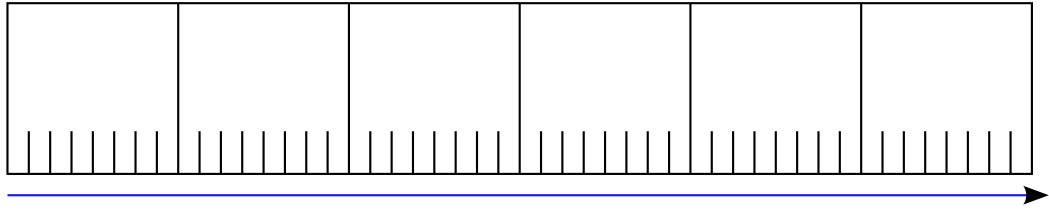


# PLCP generation

These pictures illustrate how the PLCP header should be generated in both DSSS and OFDM cases.  
(you should disregard the byte boundaries here)

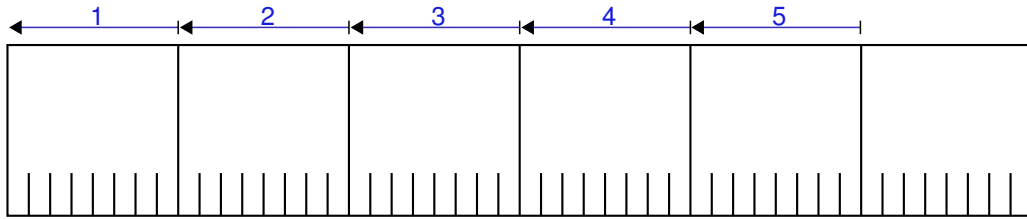
SPEC

bit  
transmission  
order:



So much for theory. For whatever reason the hardware doesn't transmit the bits in that order when they are in the DMA memory, but the other way around:

bit  
transmission  
order:



Conceptually, what you need to do is generate the header exactly according to the SPEC and then bit-reverse each byte because the hw transmits the bits in the bytes the other way around. If done cleverly, you can avoid all the bitswaps.