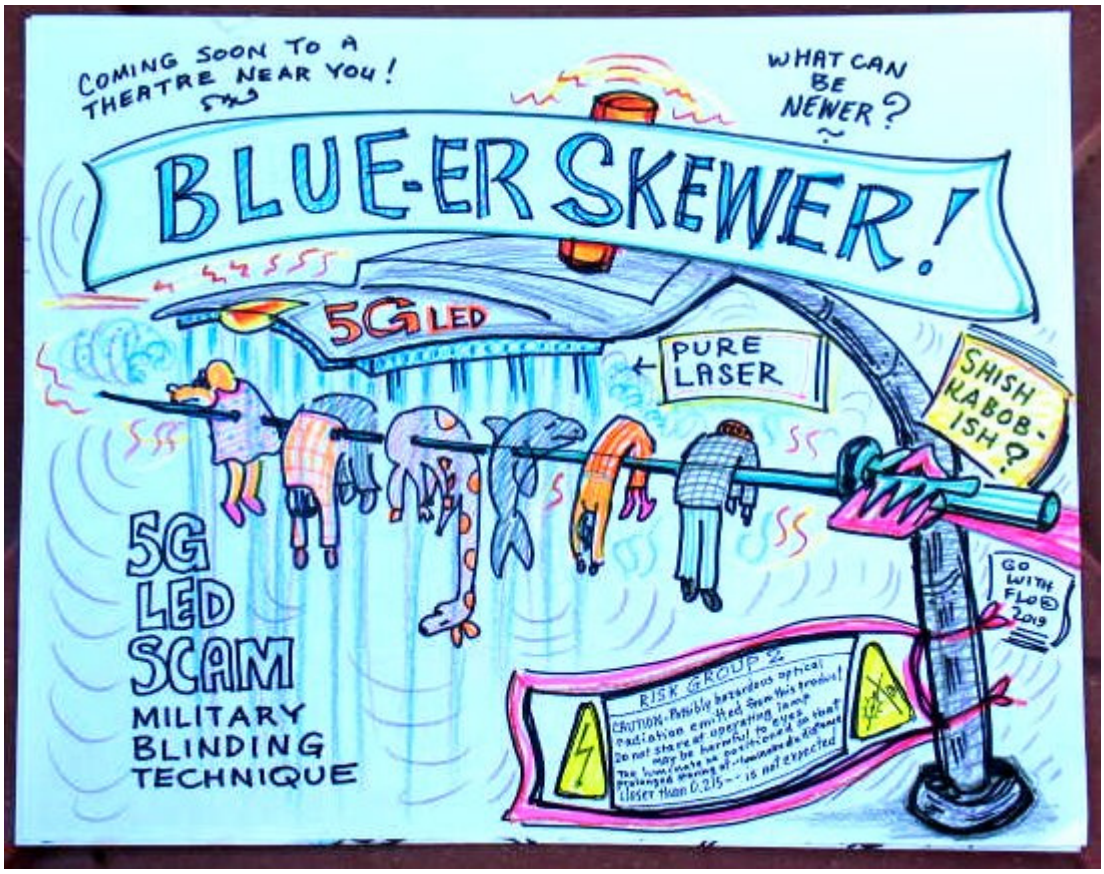
HYPOXIA #5: WHY TECHNOLOGY CAUSES B VITAMIN ISSUES

Due to the increased bandwidth demands and the scarcity of microwave frequency allocations, the wireless communications industry is beginning to focus on higher, previously unallocated portions of the spectrum in the millimeter wave frequencies from 40GHz to 300GHz. This is the range of 5 and 6 G communications in the world today.

Due to the high levels of atmospheric RF energy absorption, the millimeter wave region of the RF spectrum is not usable in the long haul, wireless communications segments. However, for short haul, “last mile” segments, the expanded RF data bandwidth available in the millimeter wave region makes it ideal for interference-free, fiber speed connectivity.



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