**Frequency ranges, FR1 & FR2**

The higher frequency bands in range FR2 are aimed at providing short range very high data rate capability for the 5G radio. With 5G wireless technology anticipated to carry much higher speed data, the additional bandwidth of these higher frequency bands will be needed.

Originally the FR1 band was intended to define bands below 6 GHz, but with anticipated additional spectrum allocations, the FR1 range has now been extended to 7.125 GHz.