



Wi-Fi 7

Докладчик: Владимир Шишмарёв Руководитель СЦ Wireless & Systems











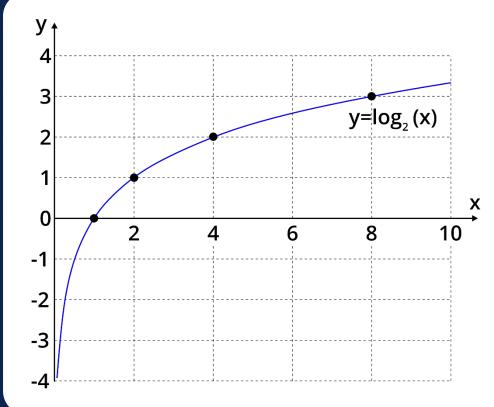


Формула Шеннона-Хартли





$$C=Blog_2\left(1+\frac{S}{N}\right)$$



QAM4096

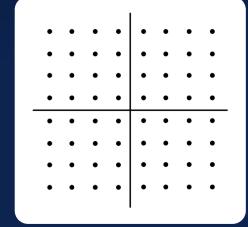


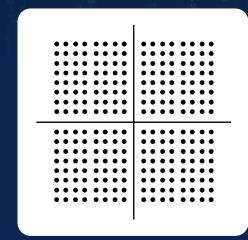
QAM 64

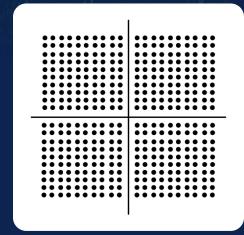
QAM 256

QAM 1024

QAM 4096



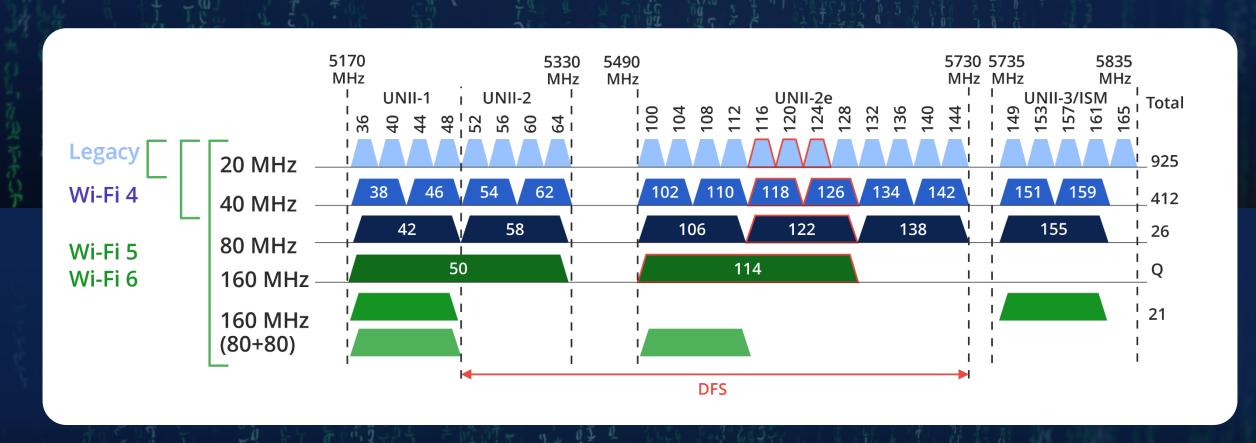






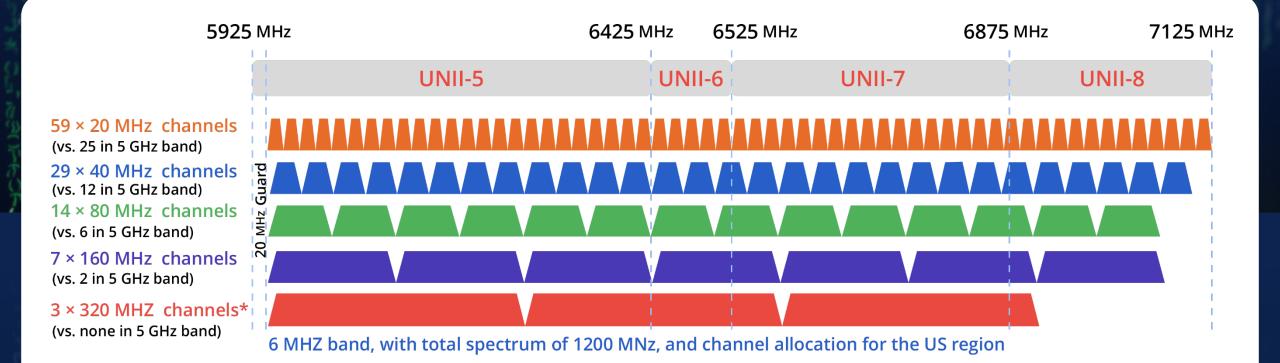
320MHz





320MHz

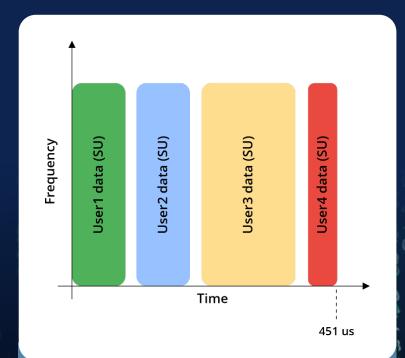




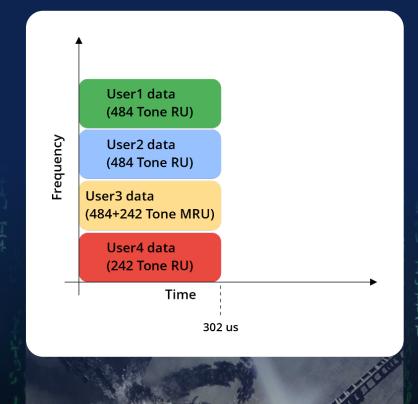
MRU



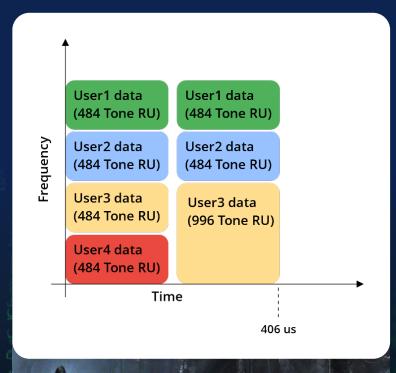
Wi-Fi 5 AP



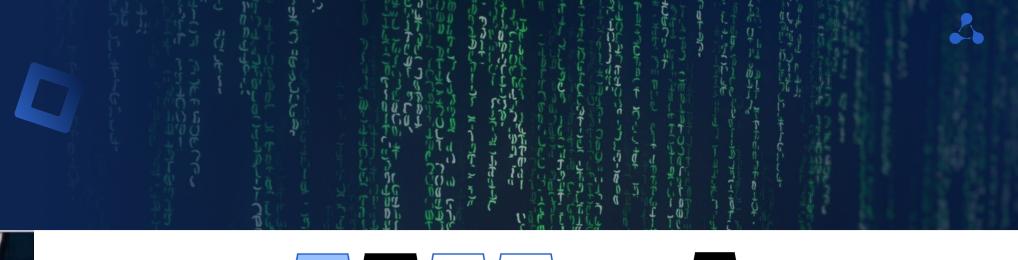
Wi-Fi 6 AP

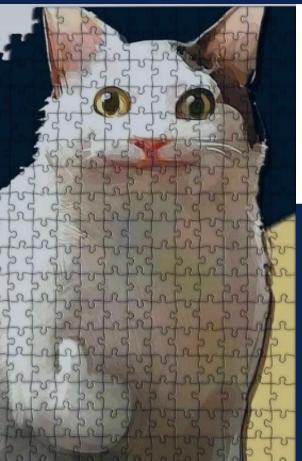


Wi-Fi 7 (with MRU)



MRU





Wi-Fi 6 STA STA1

RU not used by STA

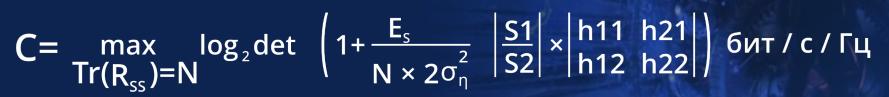
Wi-Fi 7 STA

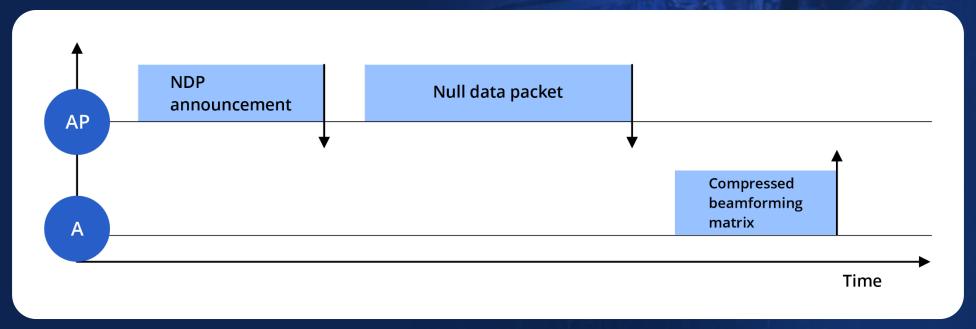
STA1 STA1

RU used by STA

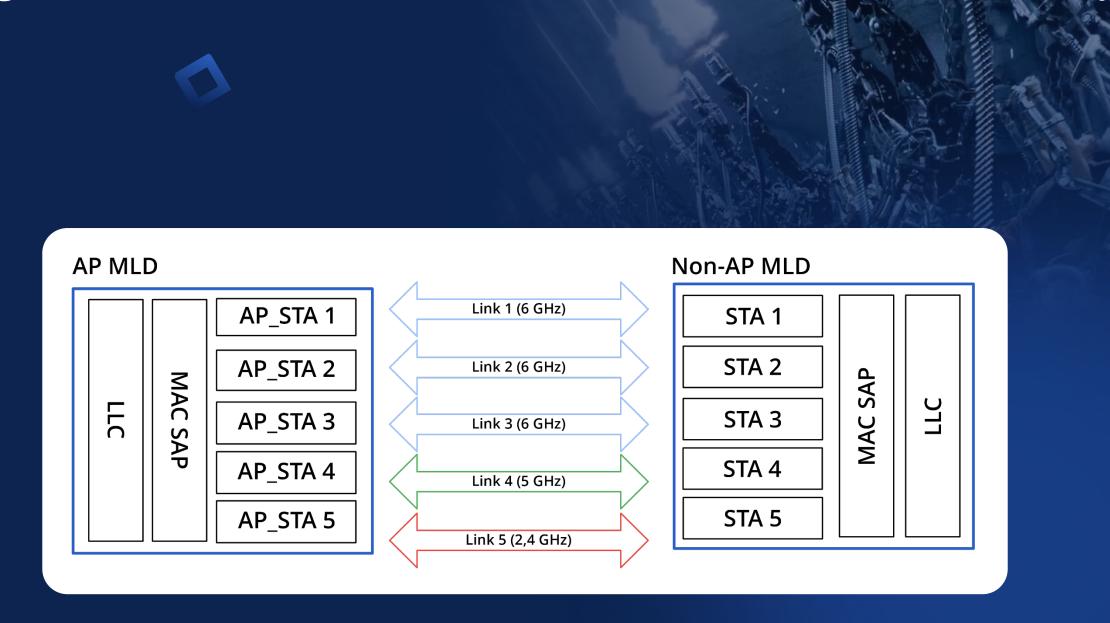


MU-MIMO 16×16





MLO











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