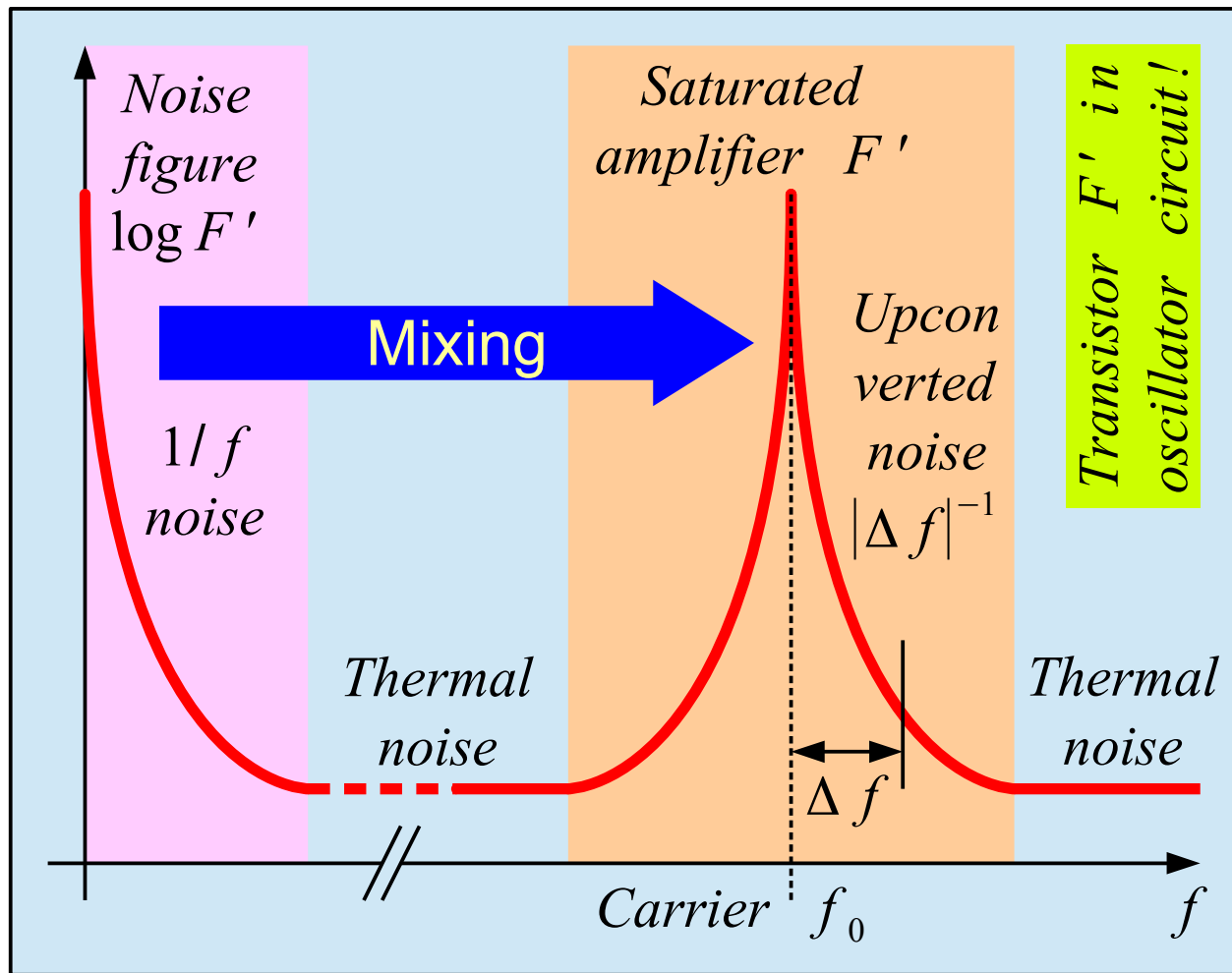
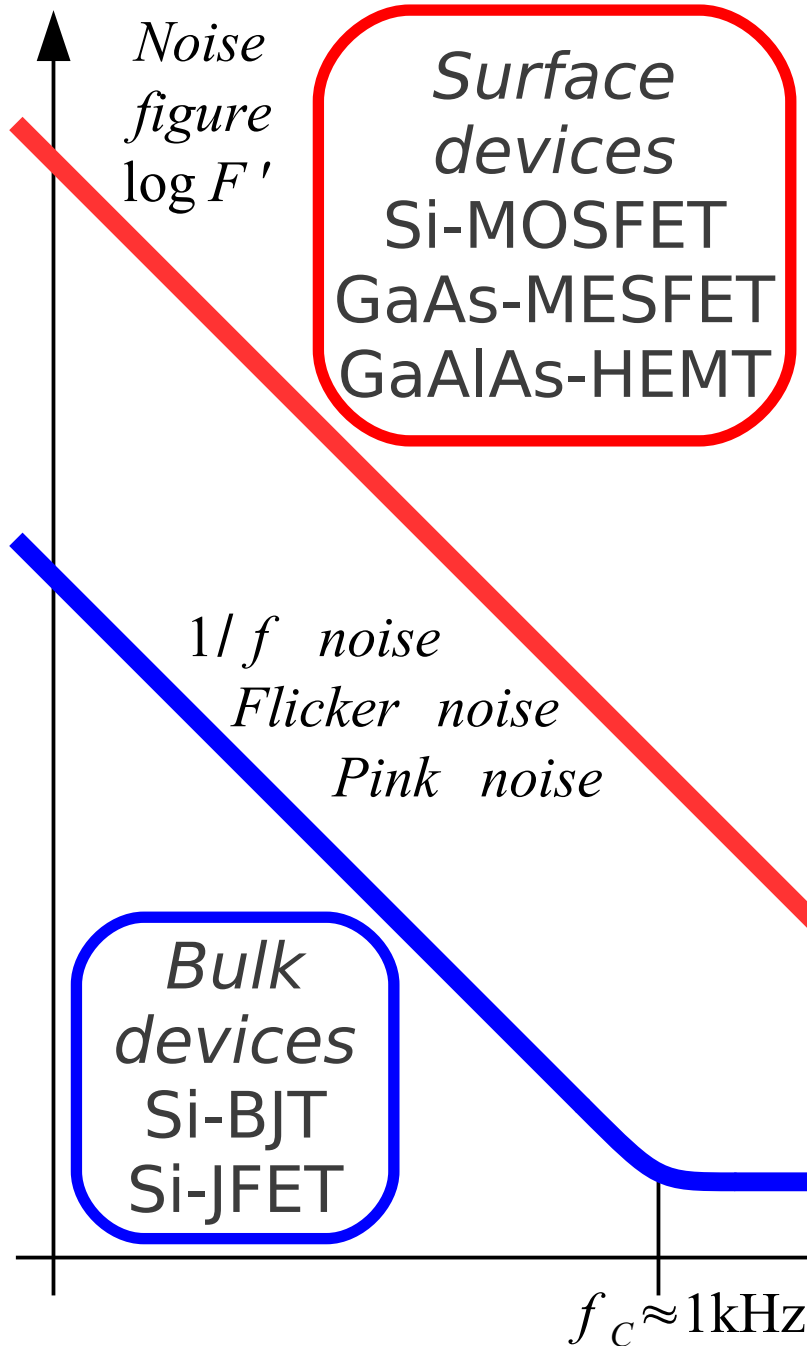


1/f noise usually does not have a clear explanation!

Surface devices
Si-MOSFET
GaAs-MESFET
GaAlAs-HEMT



$$F' = F \left(1 + \frac{f_c}{f} \right) \equiv \text{increased LF noise!}$$

White thermal noise