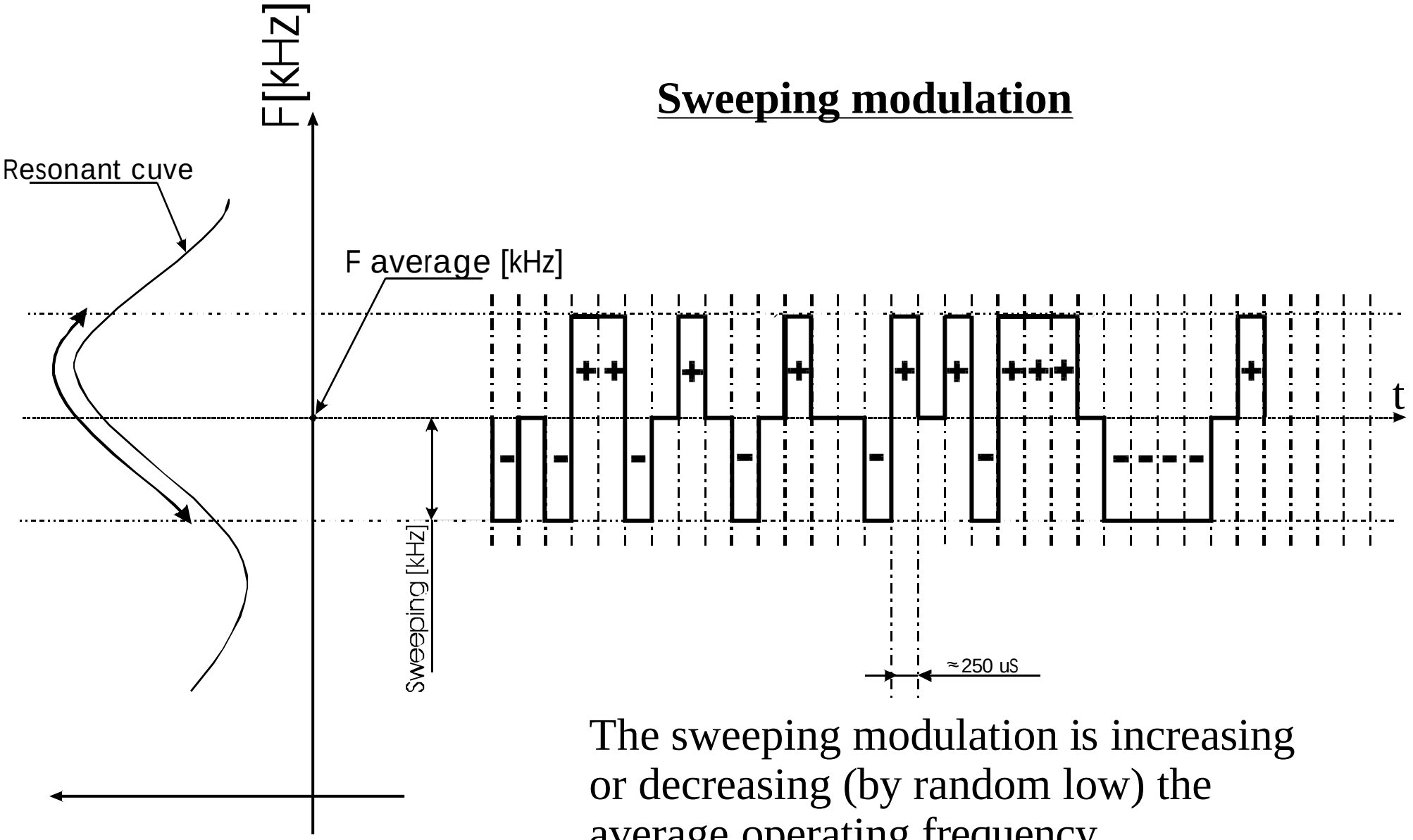
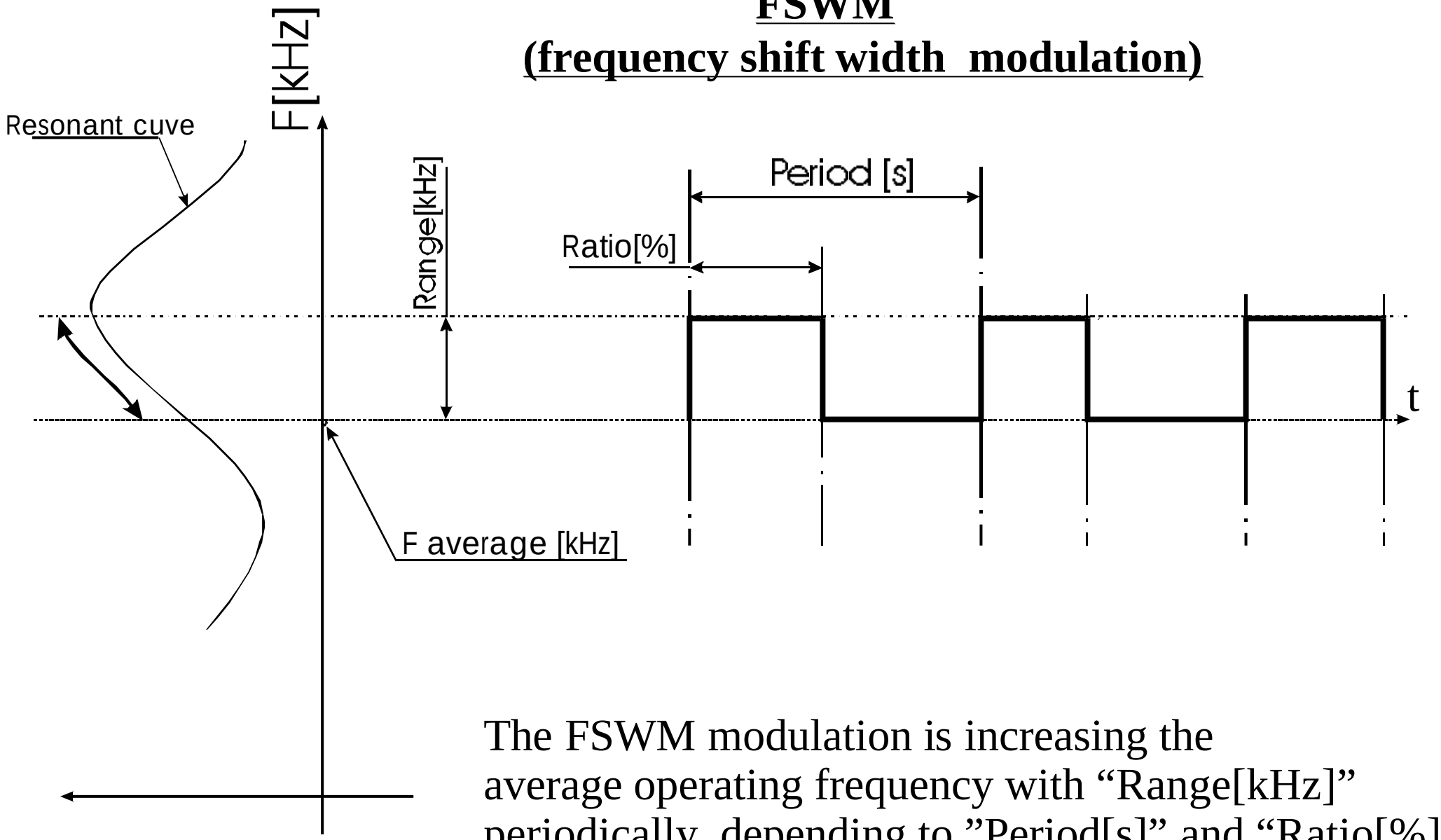
Sweeping modulation



The sweeping modulation is increasing or decreasing (by random low) the average operating frequency.

$$F_{operating}[kHz] = F_{average}[kHz] \pm Sweeping[kHz]$$

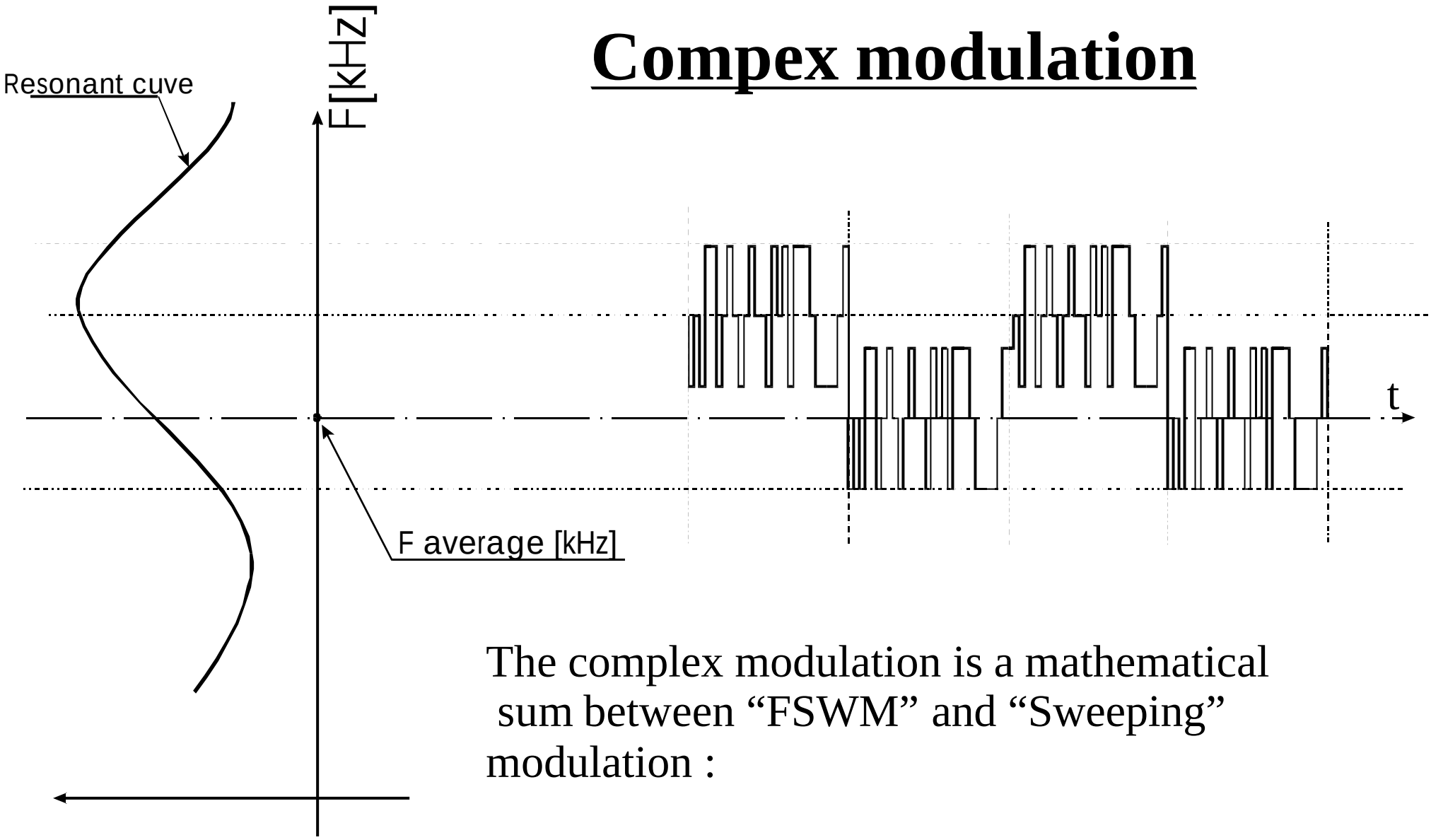
FSWM
(frequency shift width modulation)



The FSWM modulation is increasing the average operating frequency with “Range[kHz]” periodically ,depending to ”Period[s]” and “Ratio[%]”.

$$F_{operating}[kHz] = F_{average}[kHz] + Range[kHz]$$

Compex modulation



The complex modulation is a mathematical sum between “FSWM” and “Sweeping” modulation :

$$F_{operating}[kHz] = F_{average}[kHz] + FSWMRange[kHz] +/- Sweeping\ Range[kHz]$$