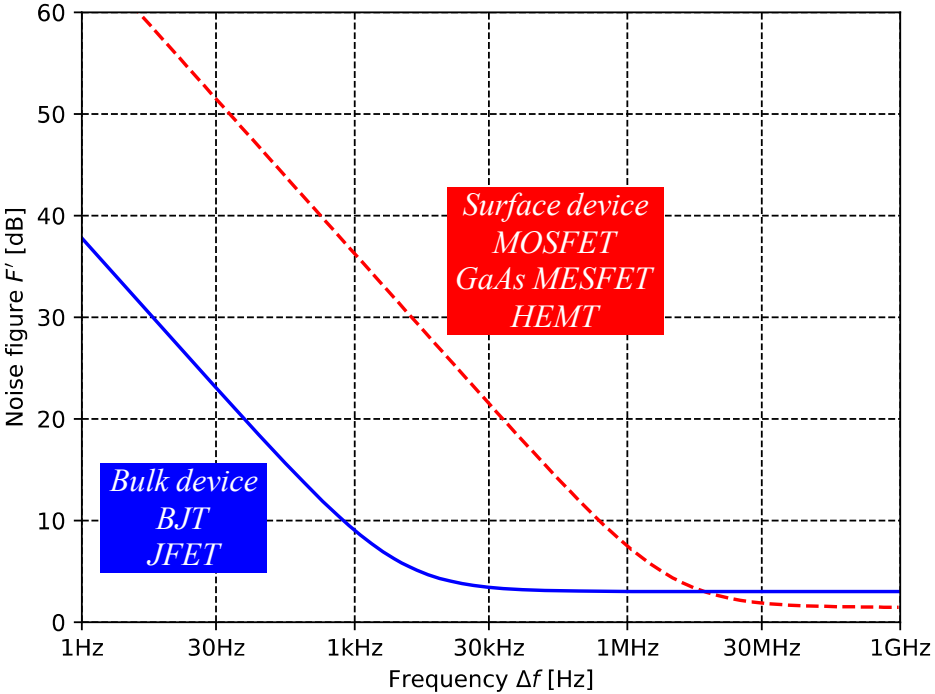
60
50
40
30
20
10
0
Noise figure F′ [dB]
1Hz
30Hz
1kHz
30kHz
1MHz
30MHz
1GHz
Frequency Δf [Hz]
Surface device
MOSFET
GaAs MESFET
HEMT
Bulk device
BJT
JFET