

Total ESD force

$$\frac{N}{\sqrt{\text{Hz}}}$$

$$10^{-4}$$

$$10^{-6}$$

$$10^{-8}$$

$$10^{-10}$$

$$10^{-12}$$

$$10^{-14}$$

$$F_{\max} = 20 \mu\text{N}$$

$$I_{\max} = 50 \text{ mA}$$

$$\frac{A}{\sqrt{\text{Hz}}}$$

$$10^2$$

$$10^0$$

$$10^{-2}$$

$$10^{-4}$$

$$10^{-6}$$

Single OSEM current

$$10^{-2}$$

$$10^{-1}$$

$$10^0$$

$$10^1$$

$$10^2$$

$$10^3$$

Frequency [Hz]

- TM rms = $19 \mu\text{N}$
- PM rms = 45.8 mA

