Magnetic particle mapping using magnetoelectric sensors as an imaging modality

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Supplementary
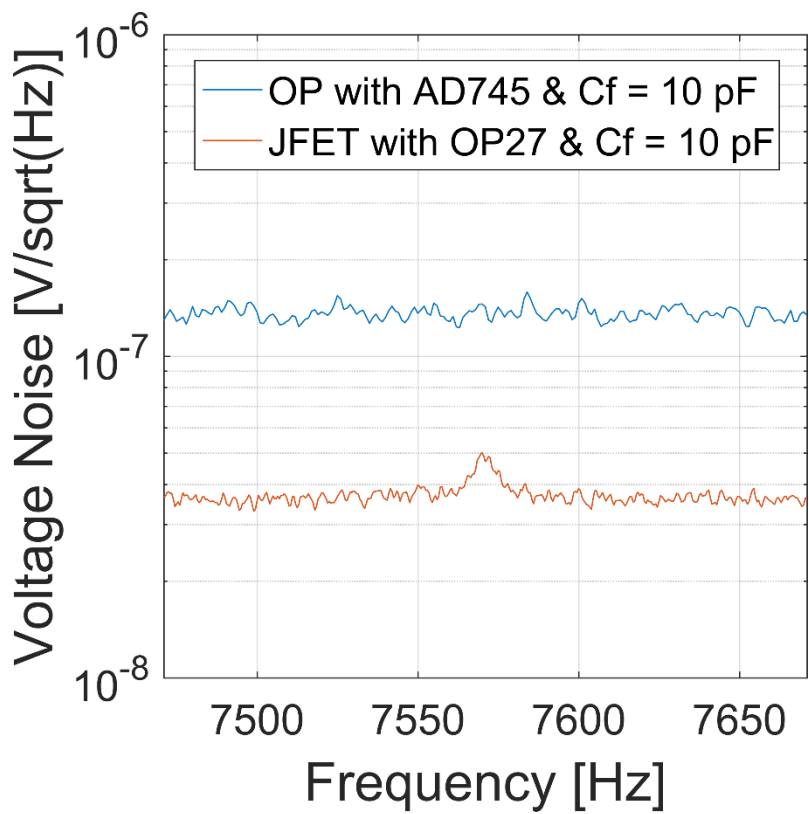
Noise spectra of the sensor, which was used in this paper. The blue curve is the noise spectrum using the charge amplifier (using AD7 45), which was used for the measurements. The red curve shows the noise spectrum using an enhanced charge amplifier (with JFET), which shows the thermal mechanical noise at the resonance of the sensor.