

Sensitivity comparison

	GSLAC [1]	ODMR [2]	LFDM
η (nT/ $\sqrt{\text{Hz}}$)	0.3	0.015	116
V (μm^3)	??	$5.2 \cdot 10^6$	$3.3 \cdot 10^3$
η_v (nT $\mu\text{m}^{3/2}\text{Hz}^{-1/2}$)	??	34	6700

[1] Zheng, H.[...] Budker, D. (2020). Physical Review Applied, 13(4), 044023.

[2] Barry, J. F. [...] Walsworth, R. L (2016). PNAS, 113(49), 14133-14138.

	ODMR	GSLAC	LFDM
Microwave free	✗	✓	✓
Low magnetic field (<10 G)	✓	✗	✓
Robust to T° and B-field inhomogeneities	✗	✗	✓
Orientation free (polycrystalline, powder)	✗	✗	✓