## Sensitivity comparison

|   | ODMR [1]         | GSLAC [2] | LFDM             |
|---|------------------|-----------|------------------|
| $\eta  (\mathrm{nT}/\sqrt{\mathrm{Hz}})$                    | 0.015            | 0.3       | 116              |
| $V~(\mu\mathrm{m}^3)$                                       | $5.2 \cdot 10^6$ | ?         | $3.3 \cdot 10^3$ |
| $\eta_v \; (\text{nT} \mu \text{m}^{3/2} \text{Hz}^{-1/2})$ | 34               | ?         | 6700             |

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

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

|                | ODMR | GSLAC    | LFDM     |
|----------------|------|----------|----------|
| Microwave free | X    | <b>V</b> | <b>/</b> |