



"

"

2020

17

1

2

4

5

4

6

1.

1mHz~0.1Hz

10pm/Hz^{1/2}

/

/

1mHz~0.1Hz

10pm/Hz^{1/2}

10nrad/Hz^{1/2}

mW 1060-1068nm 100
 2kHz 1MHz/

 1064-1068nm
2W 0.1Hz 0.1%/Hz^{1/2}

1mHz~0.1Hz 1×10⁻¹⁴
m/s²/Hz^{1/2}

1mHz~0.1Hz

1×10⁻¹⁴ m/s²/Hz^{1/2}

1mHz~0.1Hz

1×10⁻¹⁴ m/s²/Hz^{1/2}

1mHz~0.1Hz

$$1 \times 10^{-6} \text{pF/Hz}^{1/2}$$

$$2 \text{nm/Hz}^{1/2}$$

$$1 \times 10^{-15} \text{m/s}^2/\text{Hz}^{1/2}$$

$$0.5 \text{nm/Hz}^{1/2}$$

$$1 \text{mHz} \sim 0.1 \text{Hz}$$

$$10 \mu\text{V/Hz}^{1/2}$$

$$1 \times 10^{-15} \text{m/s}^2/\text{Hz}^{1/2}$$



50ms

1/2





2.

FTS

75 GHz~300 GHz

2

GHz

60 dB

TES

100

Hz