

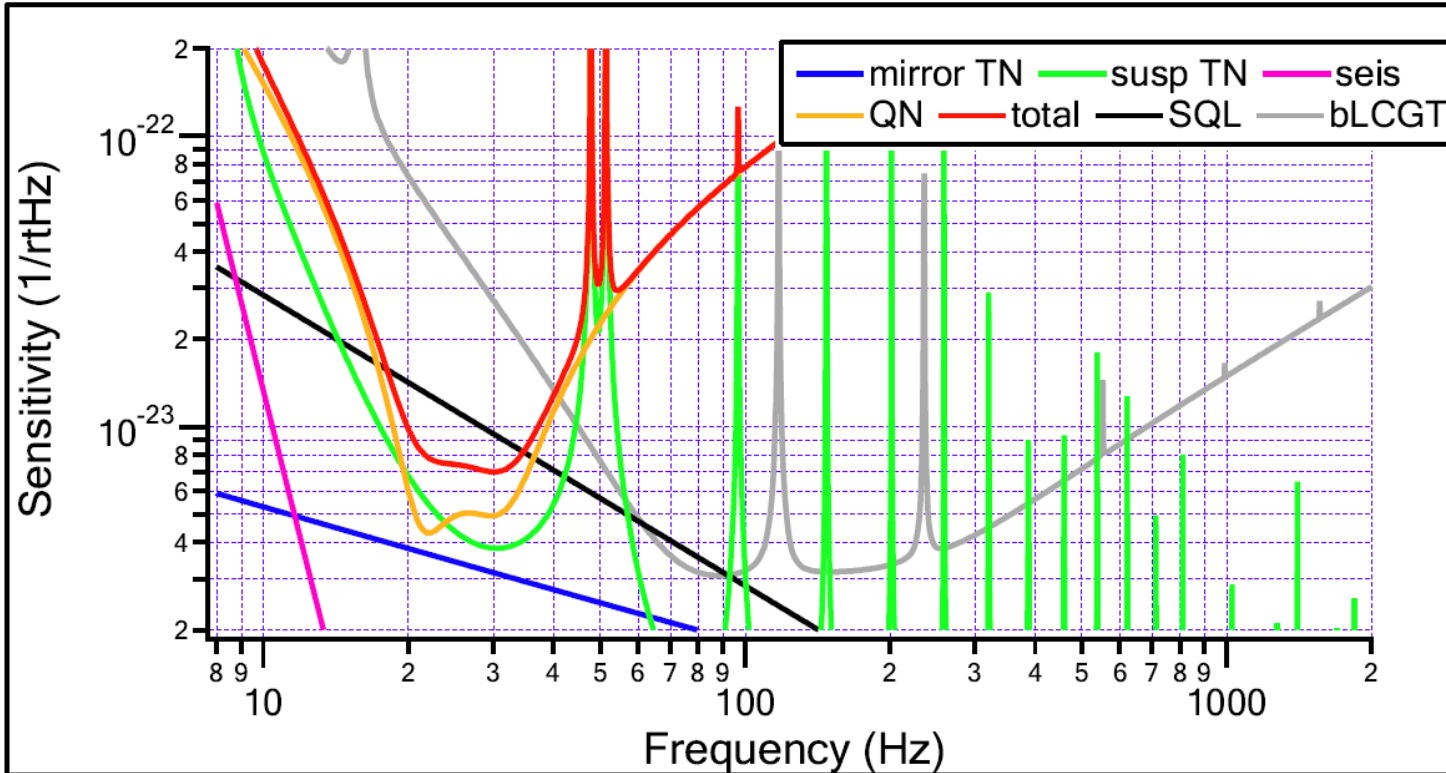
LCGT-LF Special WG report

2011.6.13 Somiya (TITech)

- Unique contribution with a different target band
- Lower risk on cooling with the low-power operation
- Collecting opinions by email
- Communication with some External Reviewers
- WG meeting on 2011.4.21
- Final recommendation meeting on 2011.6.7
- Report to be written -> to be submitted to EXC

Conclusion: Not changing bLCGT

LCGT-LF spectrum



- Input power 1.5~12W
- PRG=11, Rsr=88%
- Finesse 1050
- Fiber length 120cm
- Fiber thickness 1.4mm
- Max 170mW cooling

Ref: G1100445-v1, T1100446-v1