

Island Loading [pW]

0 10 20 30 40 50 60 70

NEP

- Total
- - Phonon
- ... GR
- . Amplifier
- . TLS @ 1 Hz

NEP [$\text{aW}/\sqrt{\text{Hz}}$]

500
400
300
200
100
0

Island Temperature [mK]

300 400 500 600 700 800

