

Island Loading [pW]

0 10 20 30 40 50 60 70

NEP

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

500

400

300

200

100

0

300

400

500

600

700

800

Island Temperature [mK]

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

