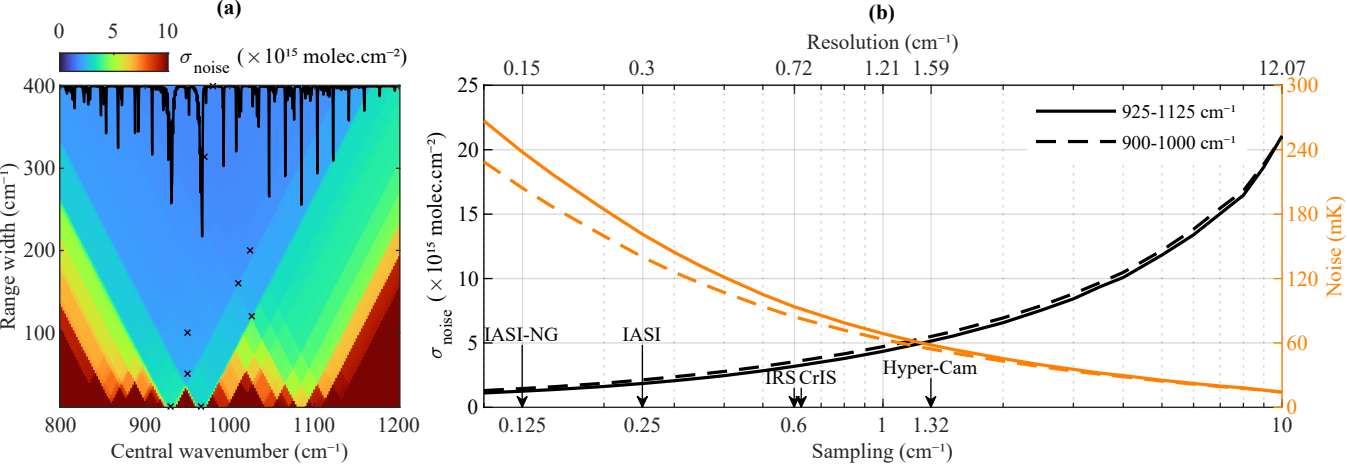
(a)
0
5
10
σ_{noise} ($\times 10^{15}$ molec.cm^{-2})
Range width (cm^{-1})
400
300
200
100
800
900
1000
1100
1200
Central wavenumber (cm^{-1})
(b)
Resolution (cm^{-1})
0.15
0.3
0.72
1.21
1.59
12.07
925-1125 cm^{-1}
900-1000 cm^{-1}
σ_{noise} ($\times 10^{15}$ molec.cm^{-2})
Noise (mK)
25
20
15
10
5
0
300
240
180
120
60
0
IASI-NG
IASI
IRS
CrIS
Hyper-Cam
0.125
0.25
0.6
1
1.32
10
Sampling (cm^{-1})