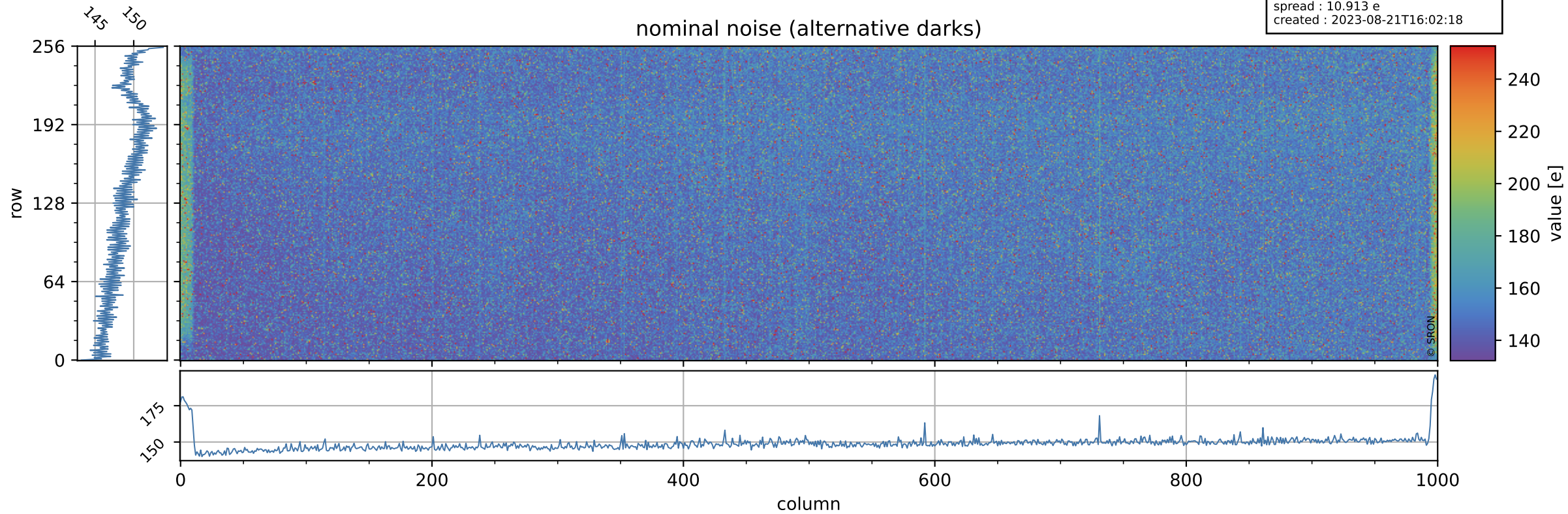


Tropomi SWIR background noise (swir)

orbits : 12 in [18847, 18937]
coverage : 2021-06-03 / 2021-06-09
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.913 e
created : 2023-08-21T16:02:18

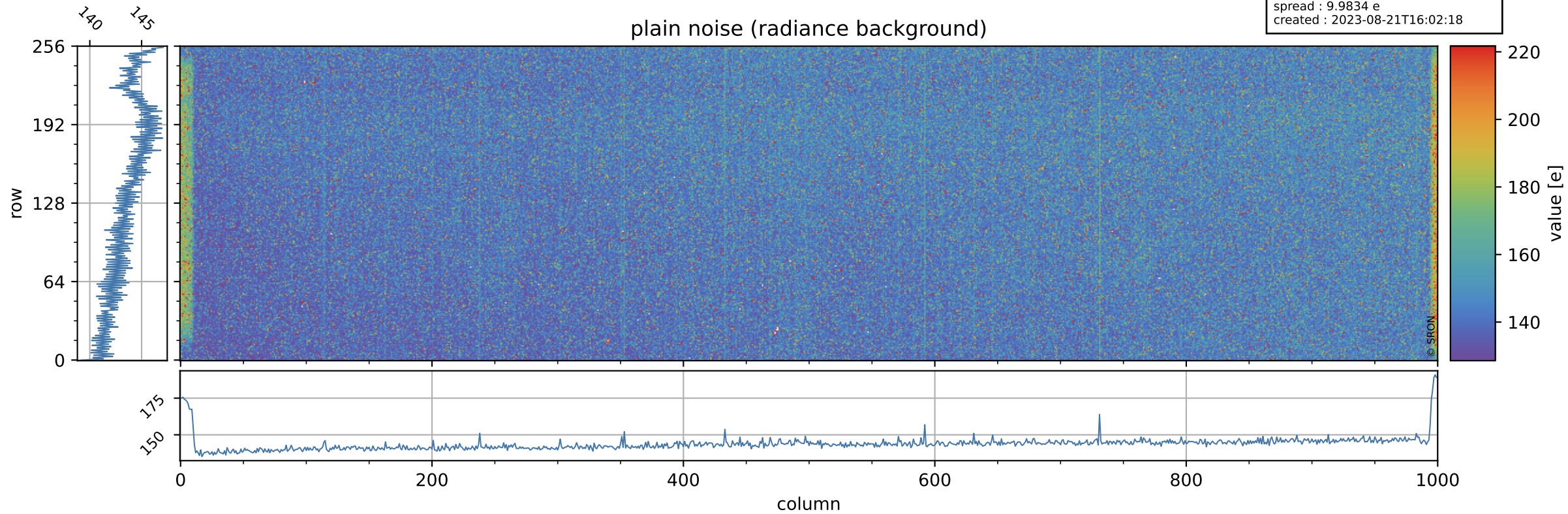
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18847, 18937]
coverage : 2021-06-03 / 2021-06-09
n_coad, t_exp : 1, 0.8383
median : 143.52 e
spread : 9.9834 e
created : 2023-08-21T16:02:18

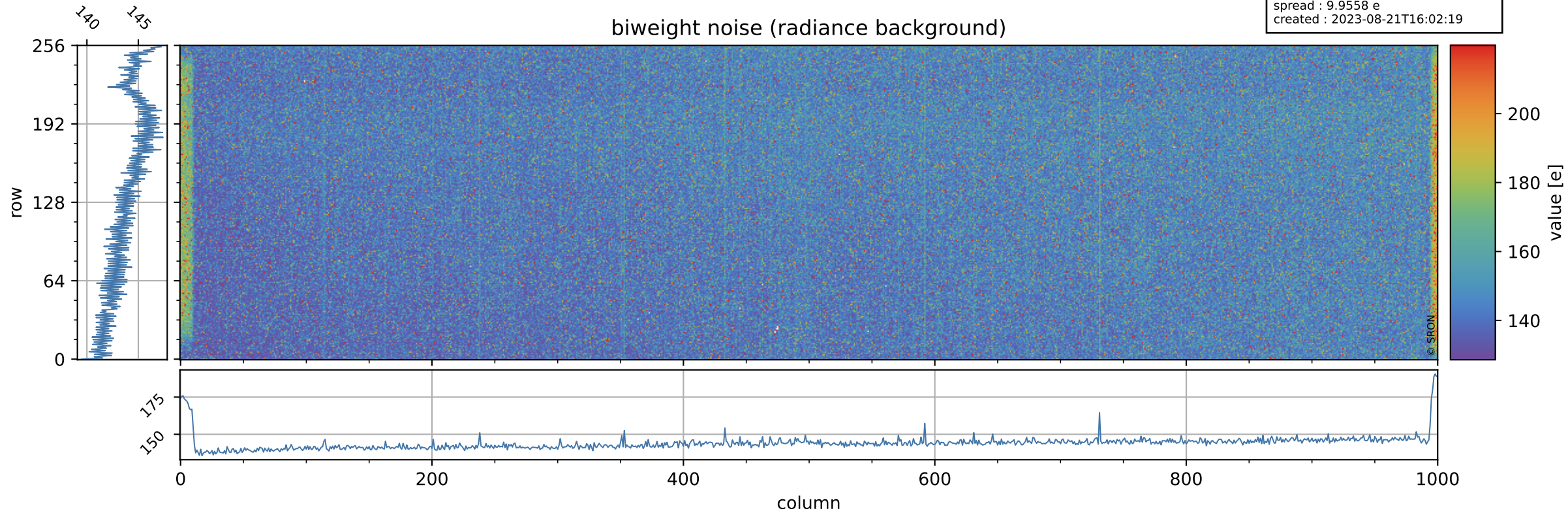
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18847, 18937]
coverage : 2021-06-03 / 2021-06-09
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.9558 e
created : 2023-08-21T16:02:19

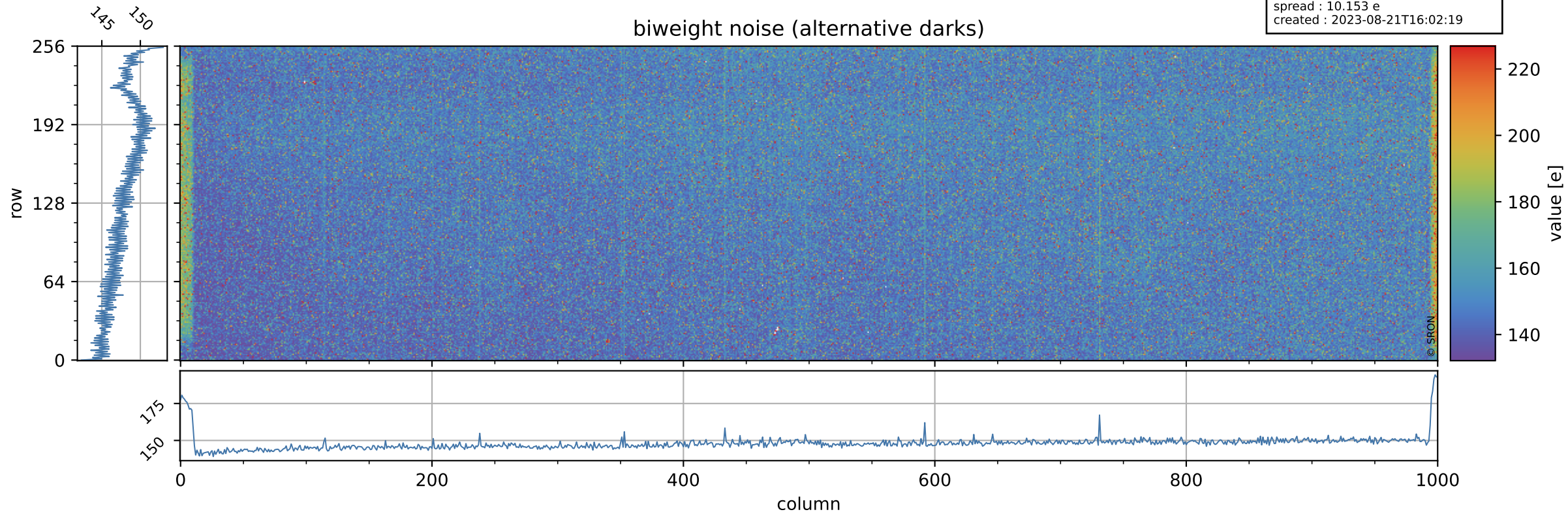
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18847, 18937]
coverage : 2021-06-03 / 2021-06-09
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.153 e
created : 2023-08-21T16:02:19

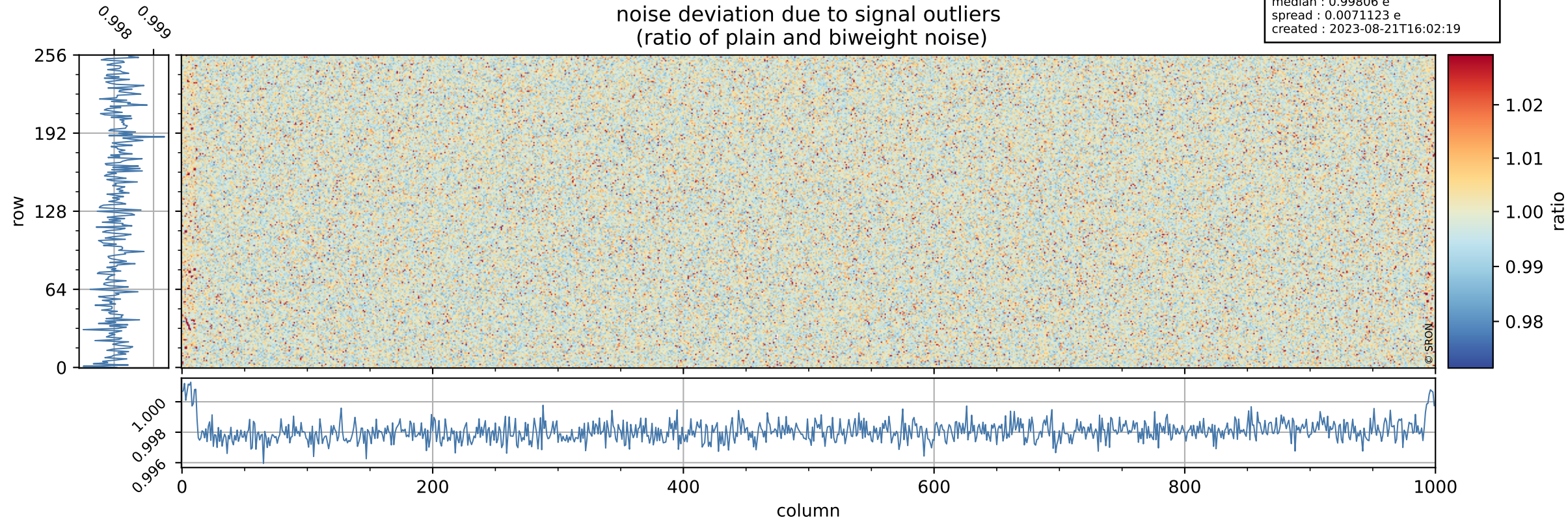
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

noise deviation due to signal outliers
(ratio of plain and biweight noise)

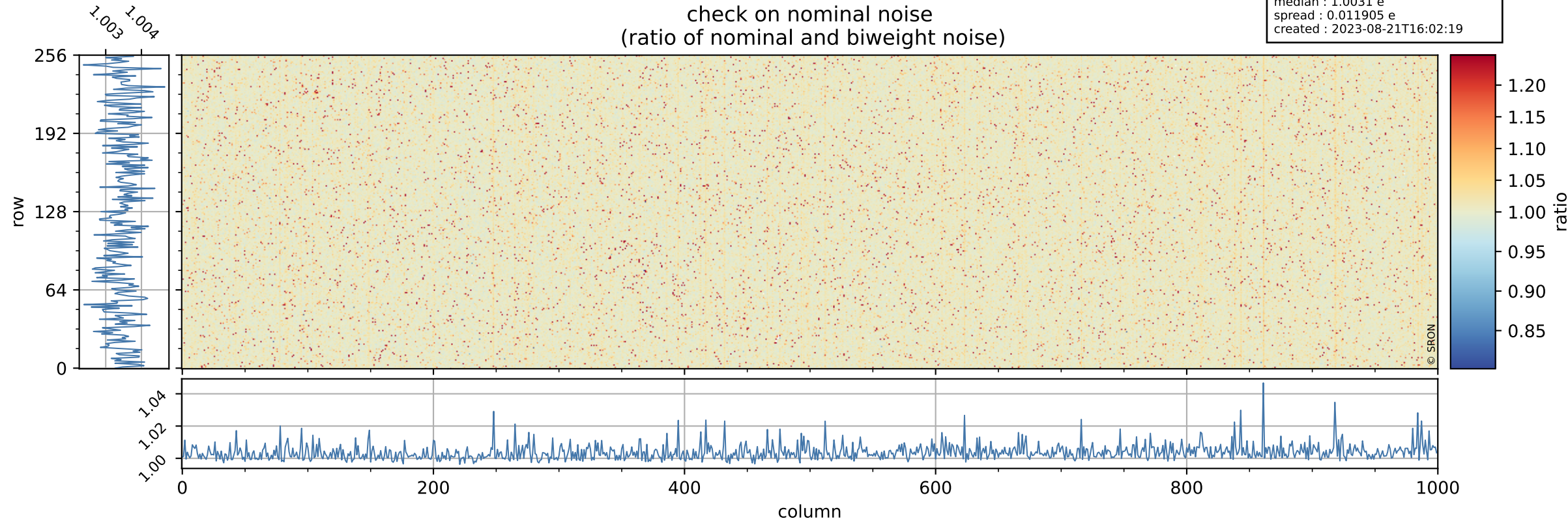
orbits : 12 in [18847, 18937]
coverage : 2021-06-03 / 2021-06-09
median : 0.99806 e
spread : 0.0071123 e
created : 2023-08-21T16:02:19



Tropomi SWIR background noise (swir)

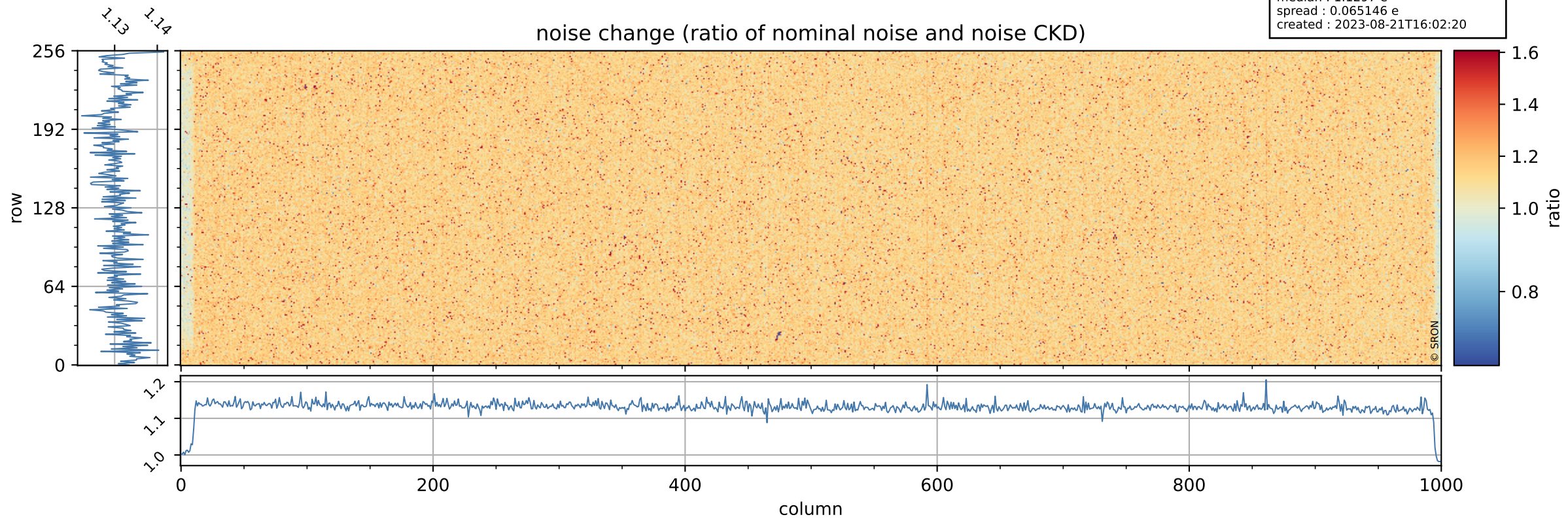
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18847, 18937]
coverage : 2021-06-03 / 2021-06-09
median : 1.0031 e
spread : 0.011905 e
created : 2023-08-21T16:02:19



Tropomi SWIR background noise (swir)

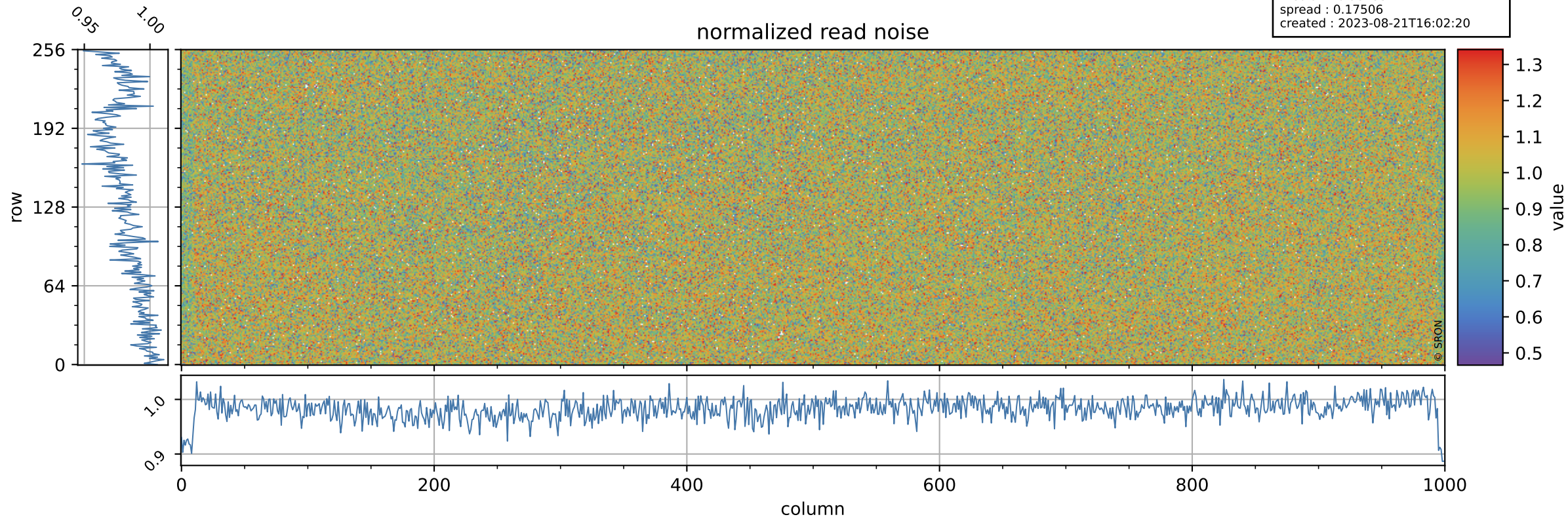
orbits : 12 in [18847, 18937]
coverage : 2021-06-03 / 2021-06-09
median : 1.1297 e
spread : 0.065146 e
created : 2023-08-21T16:02:20



Tropomi SWIR background noise (swir)

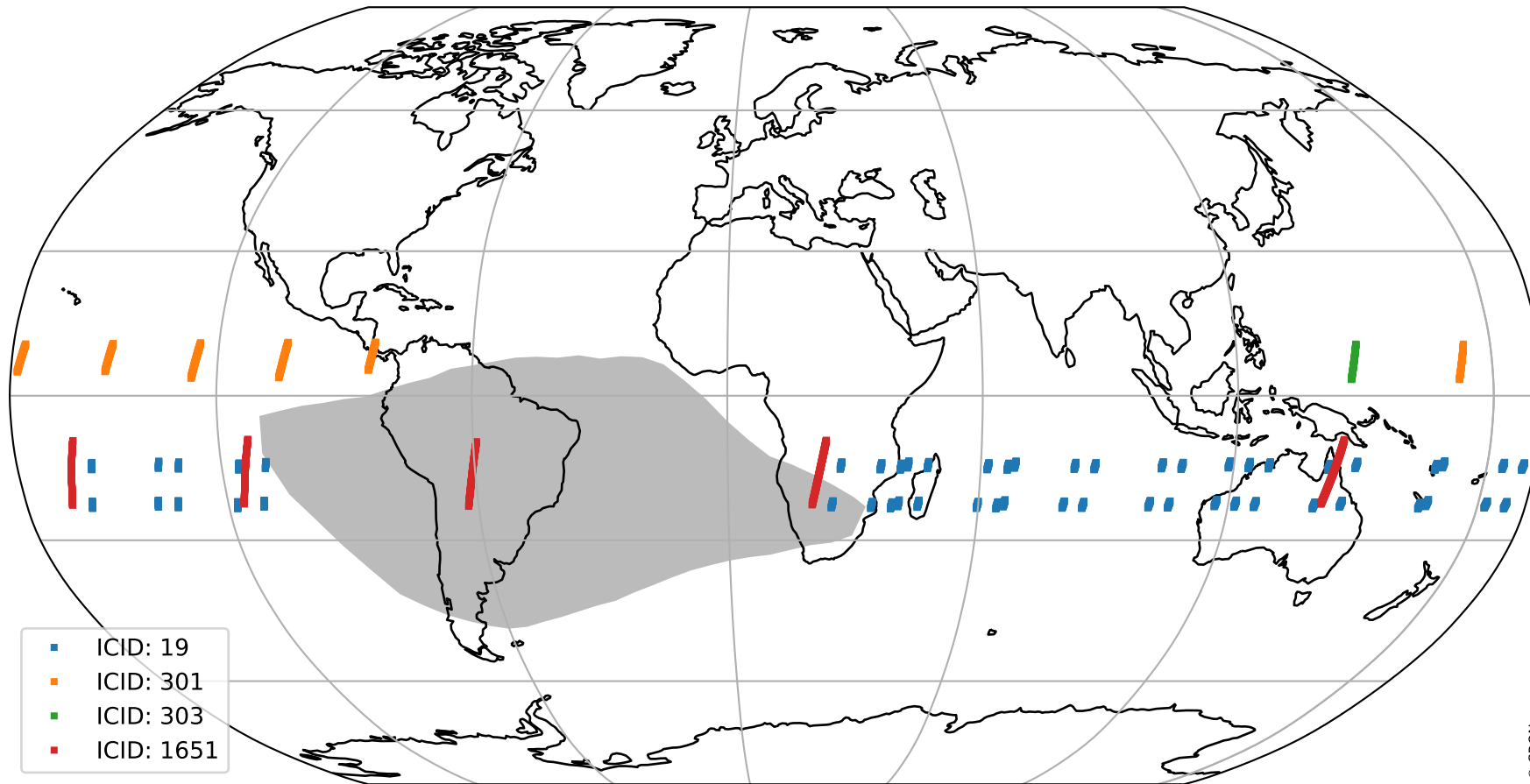
orbits : 12 in [18847, 18937]
coverage : 2021-06-03 / 2021-06-09
median : 0.98135
spread : 0.17506
created : 2023-08-21T16:02:20

normalized read noise



Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

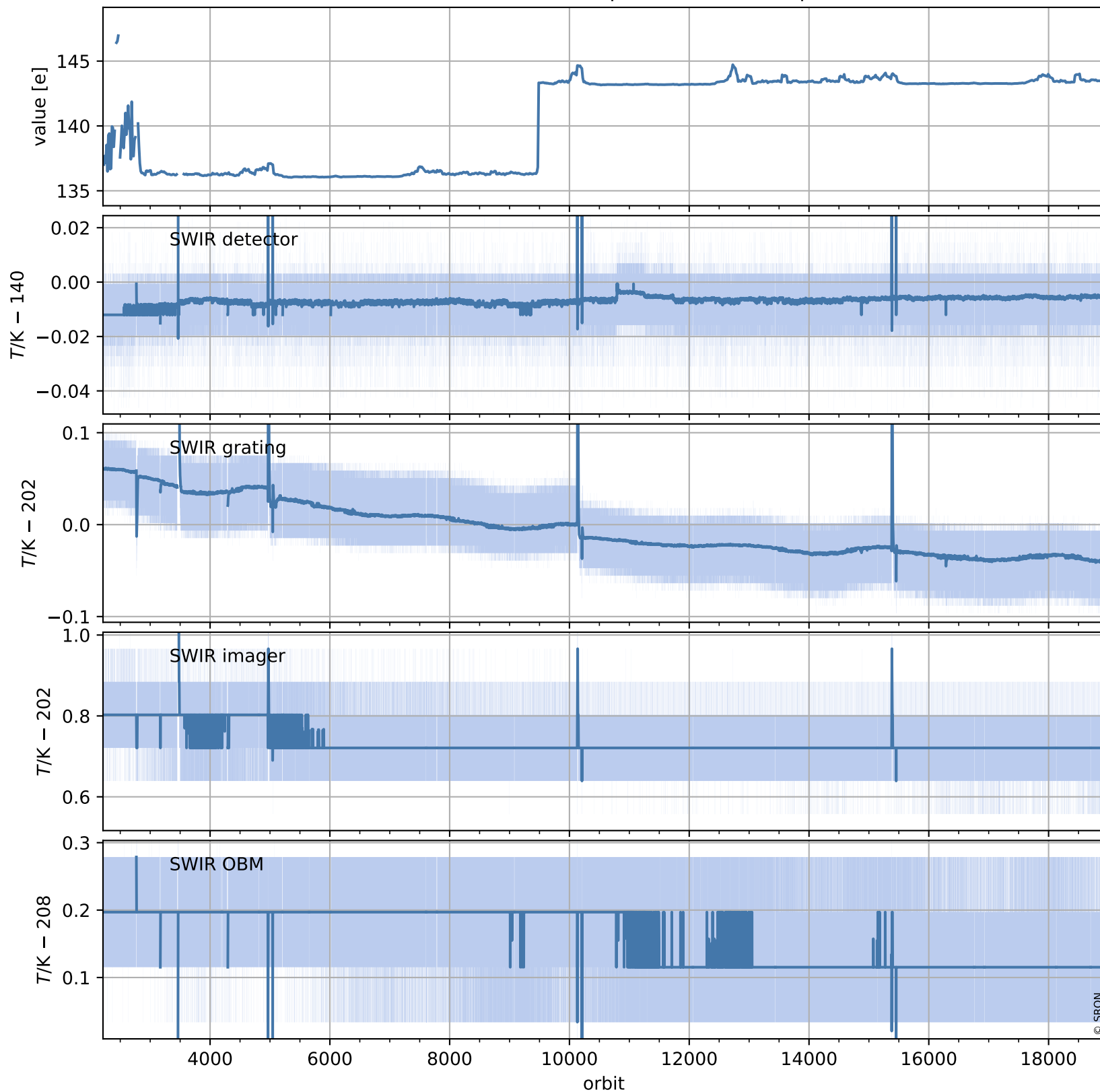
orbits : 12 in [18847, 18937]
coverage : 2021-06-03 / 2021-06-09
created : 2023-08-21T16:02:20



Tropomi SWIR background noise (swir)

orbits : [2212, 18937]
coverage : 2018-03-18 / 2021-06-09
created : 2023-08-21T16:02:21

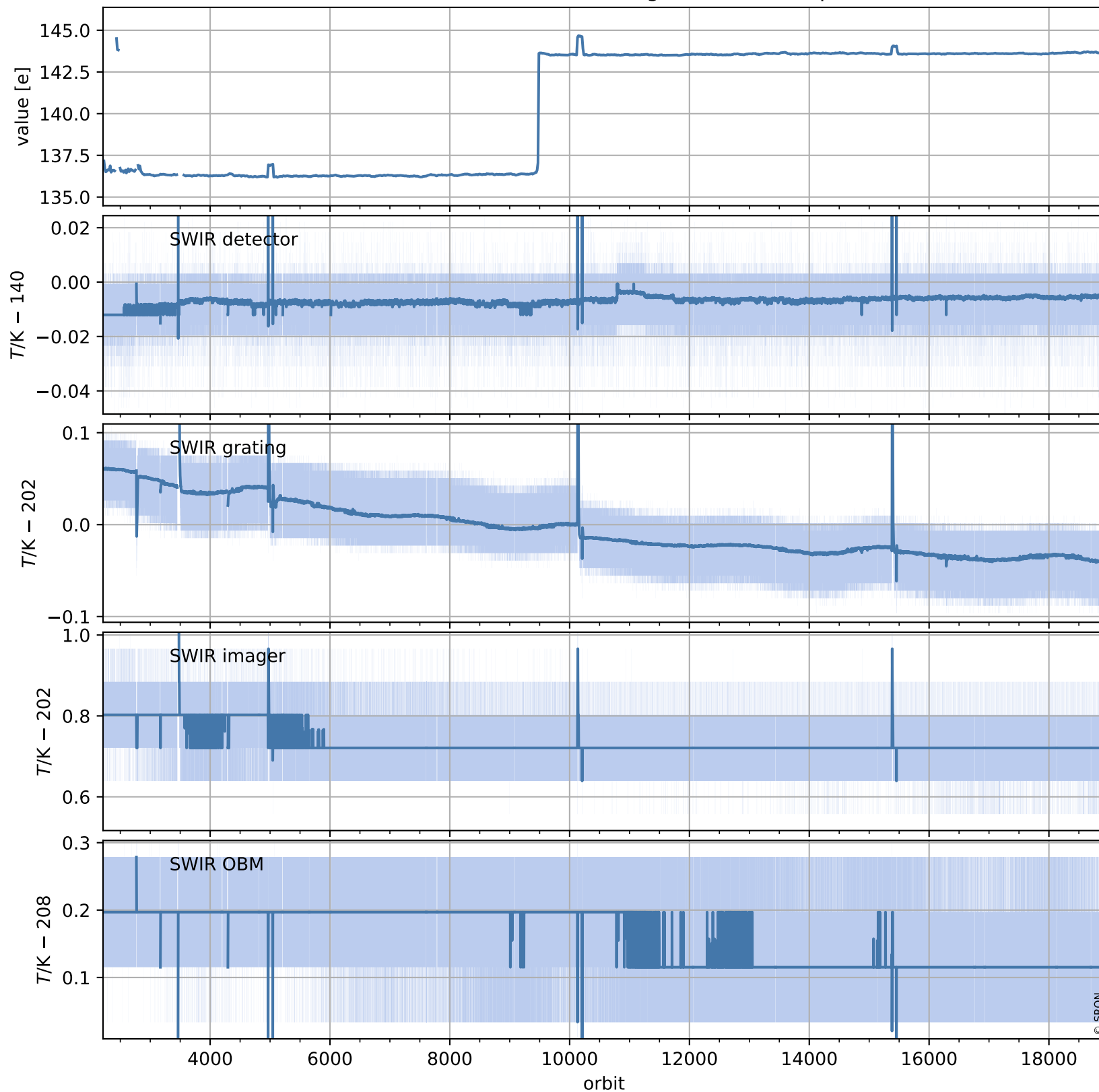
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18937]
coverage : 2018-03-18 / 2021-06-09
created : 2023-08-21T16:02:21

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18937]
coverage : 2018-03-18 / 2021-06-09
created : 2023-08-21T16:02:22

trend of normalized read-noise & temperatures

