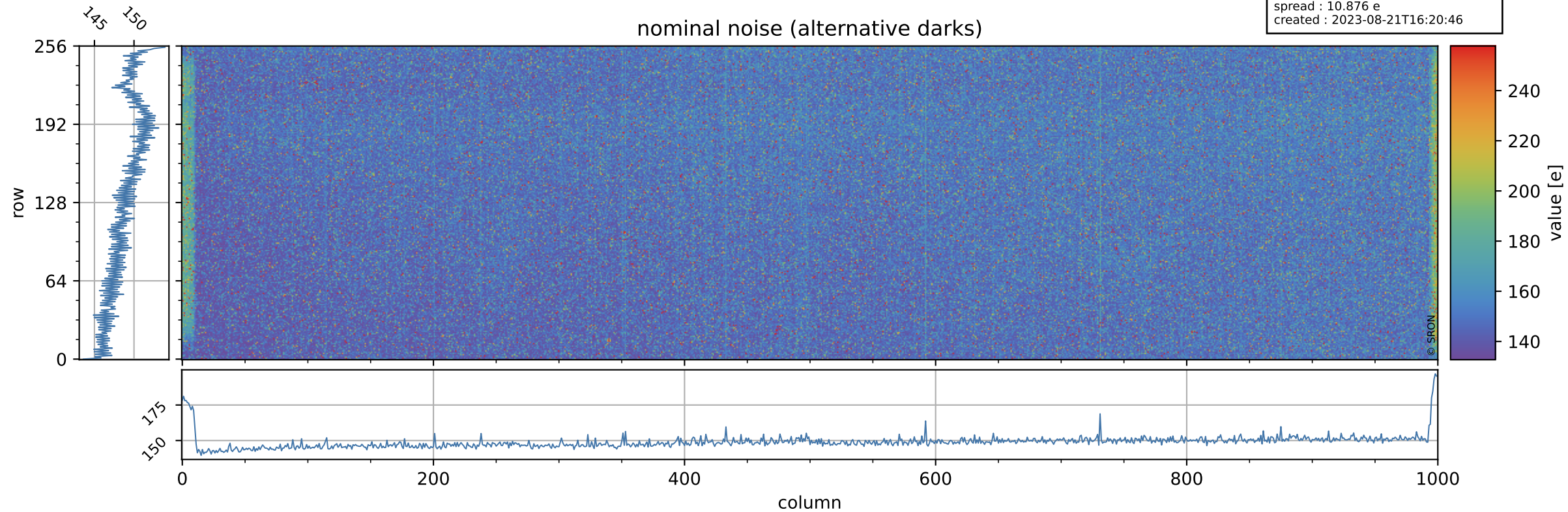


Tropomi SWIR background noise (swir)

orbits : 13 in [21847, 21937]
coverage : 2021-12-31 / 2022-01-06
n_coad, t_exp : 1, 1.0783
median : 148.81 e
spread : 10.876 e
created : 2023-08-21T16:20:46

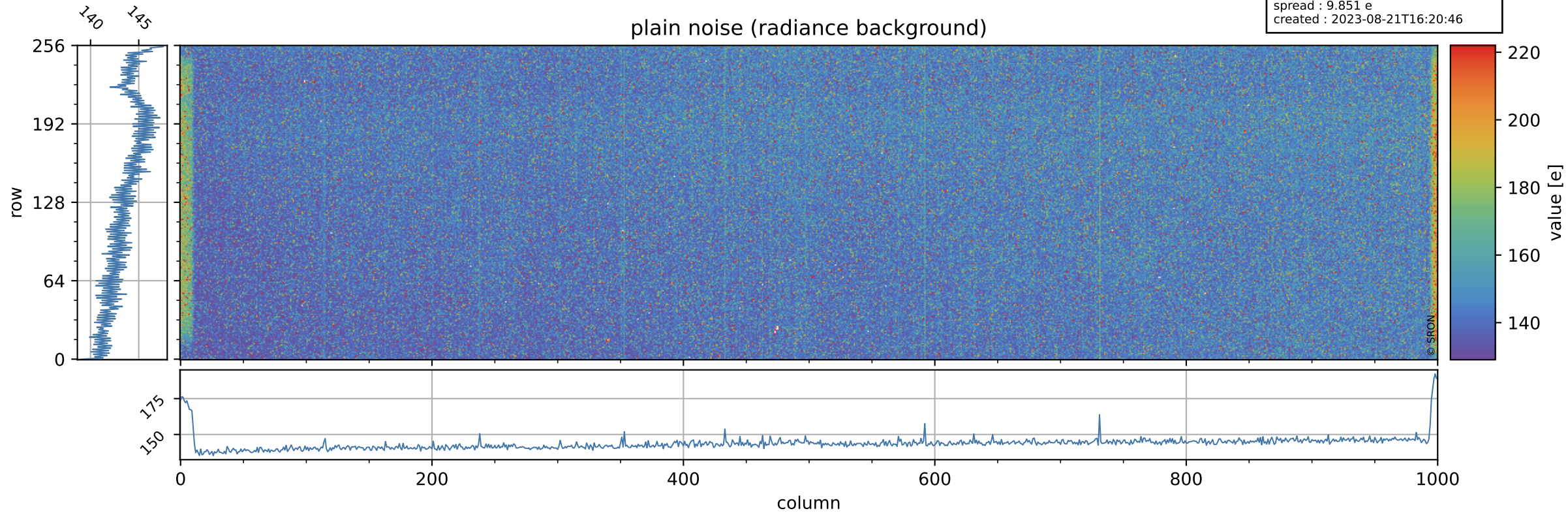
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [21847, 21937]
coverage : 2021-12-31 / 2022-01-06
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.851 e
created : 2023-08-21T16:20:46

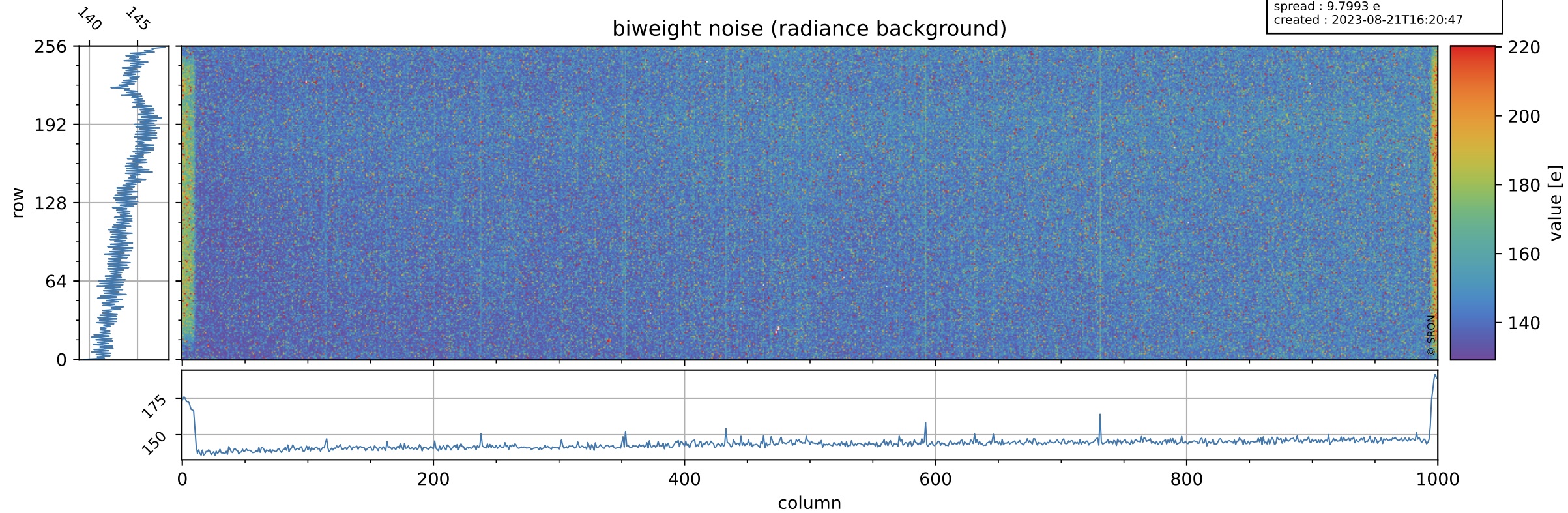
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21847, 21937]
coverage : 2021-12-31 / 2022-01-06
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7993 e
created : 2023-08-21T16:20:47

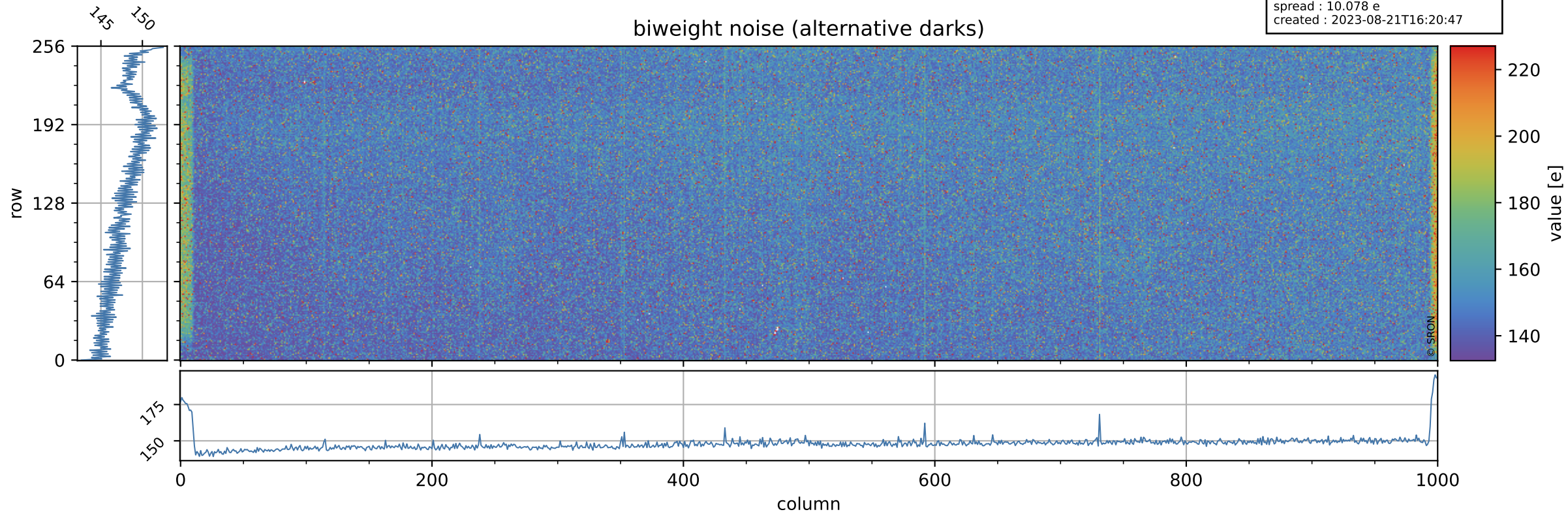
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21847, 21937]
coverage : 2021-12-31 / 2022-01-06
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.078 e
created : 2023-08-21T16:20:47

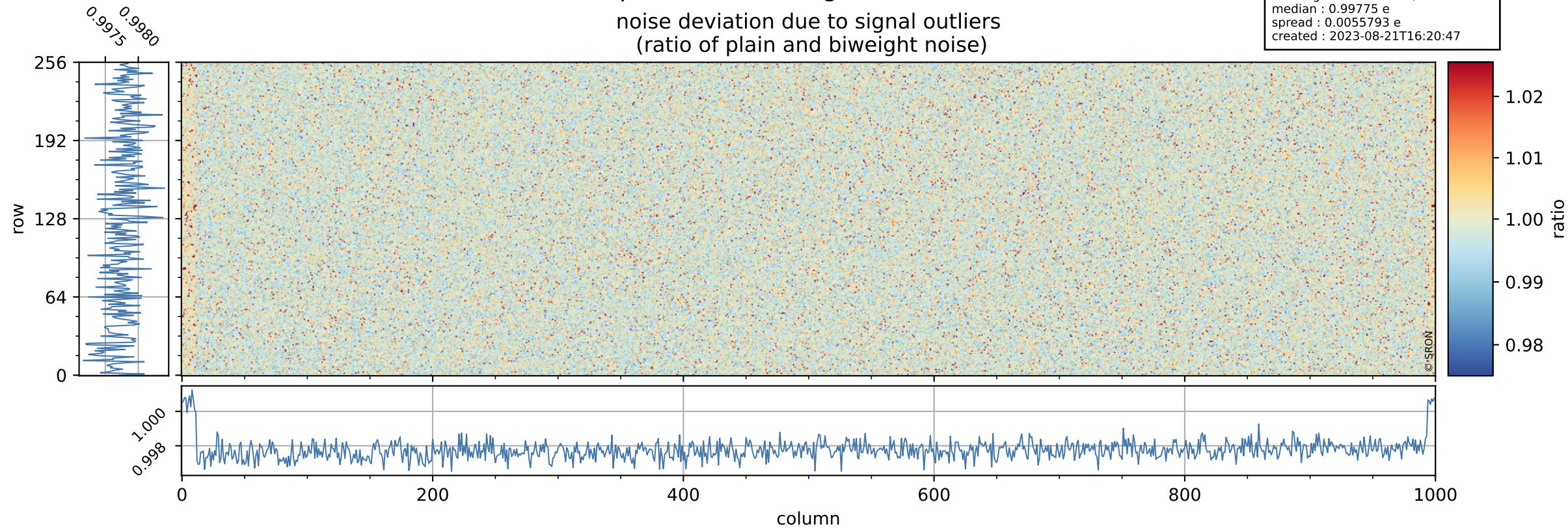
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

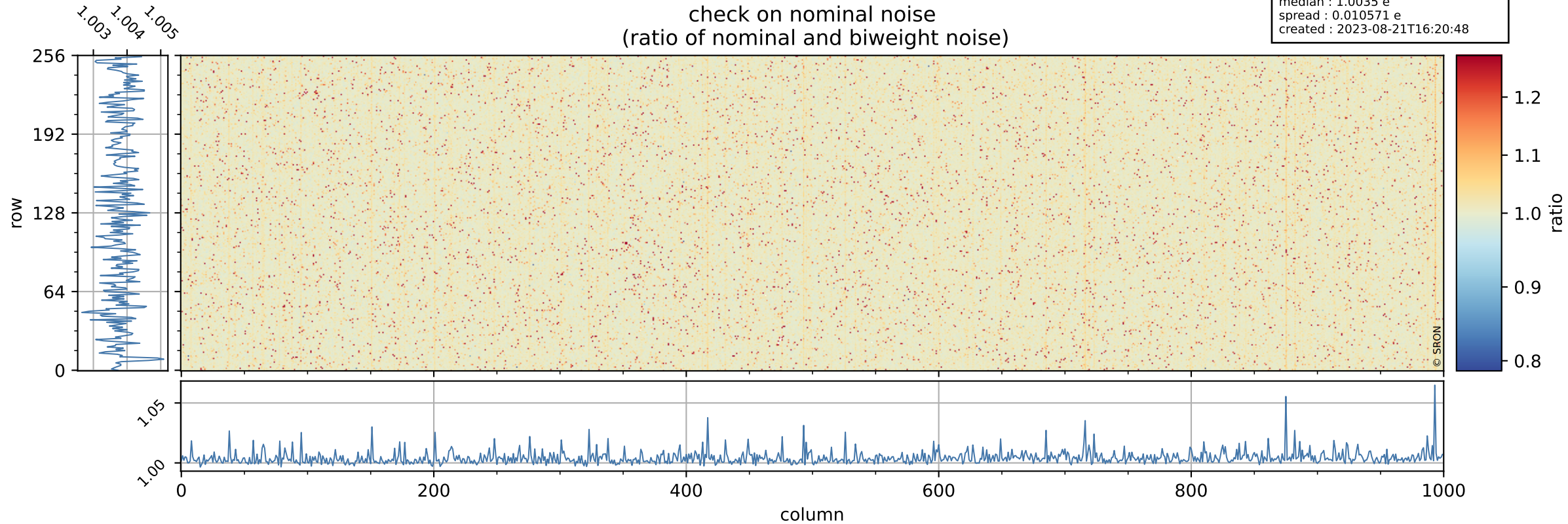
orbits : 13 in [21847, 21937]
coverage : 2021-12-31 / 2022-01-06
median : 0.99775 e
spread : 0.0055793 e
created : 2023-08-21T16:20:47



Tropomi SWIR background noise (swir)

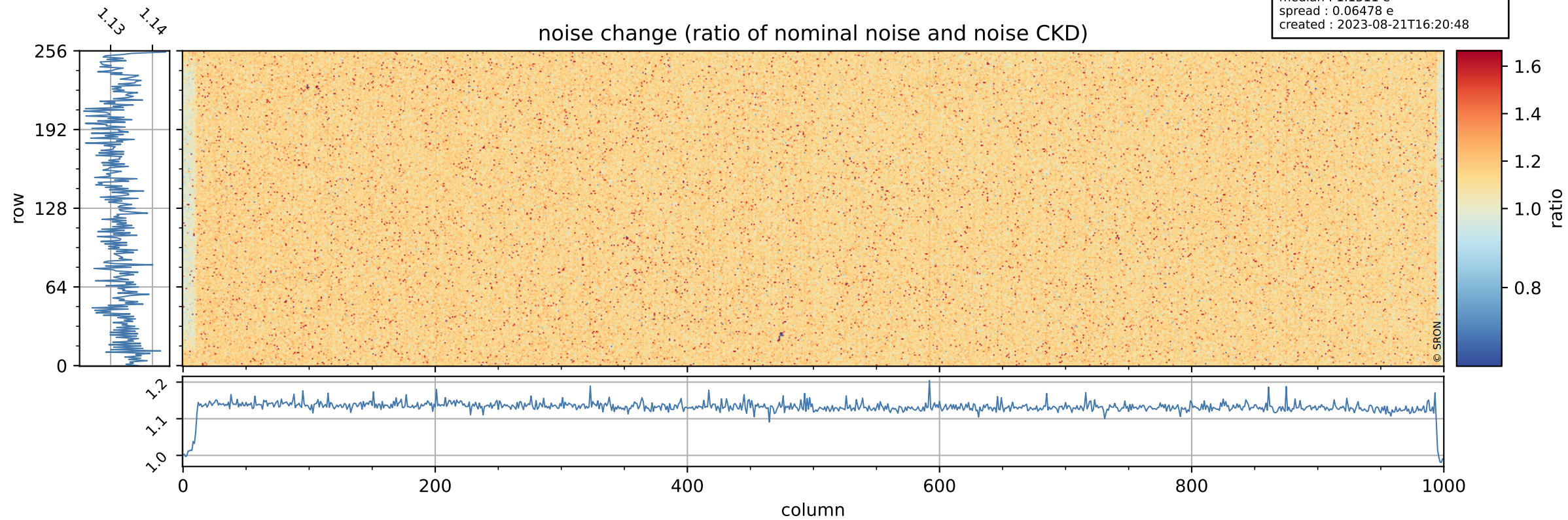
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [21847, 21937]
coverage : 2021-12-31 / 2022-01-06
median : 1.0035 e
spread : 0.010571 e
created : 2023-08-21T16:20:48



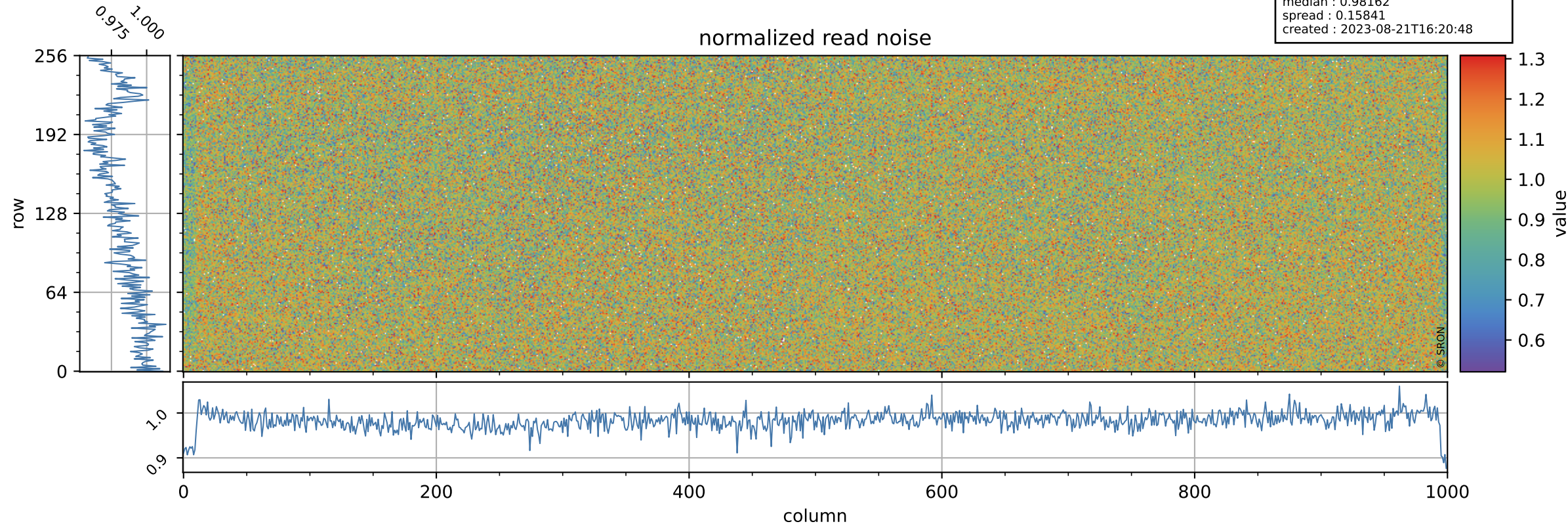
Tropomi SWIR background noise (swir)

orbits : 13 in [21847, 21937]
coverage : 2021-12-31 / 2022-01-06
median : 1.1311 e
spread : 0.06478 e
created : 2023-08-21T16:20:48



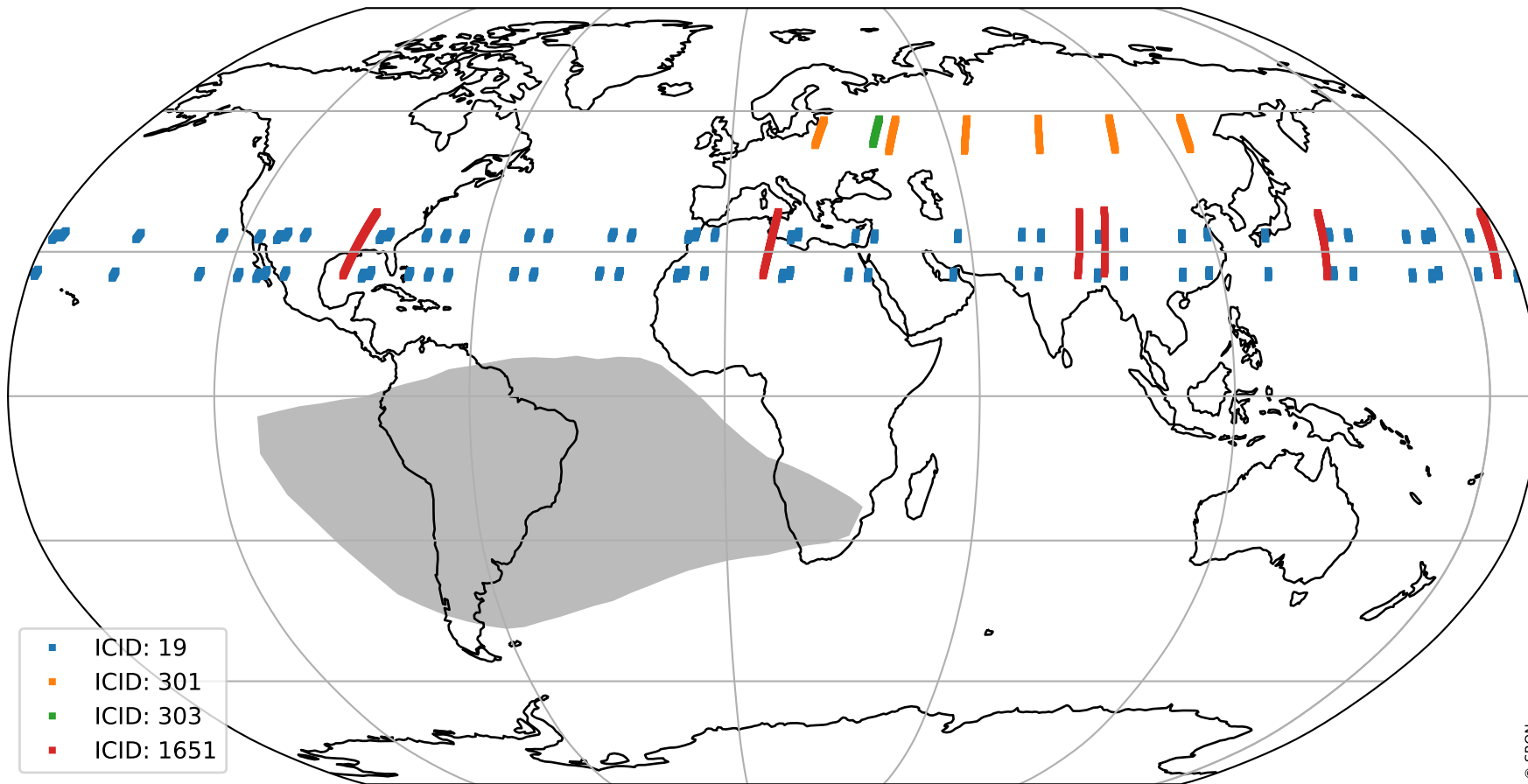
Tropomi SWIR background noise (swir)

orbits : 13 in [21847, 21937]
coverage : 2021-12-31 / 2022-01-06
median : 0.98162
spread : 0.15841
created : 2023-08-21T16:20:48



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

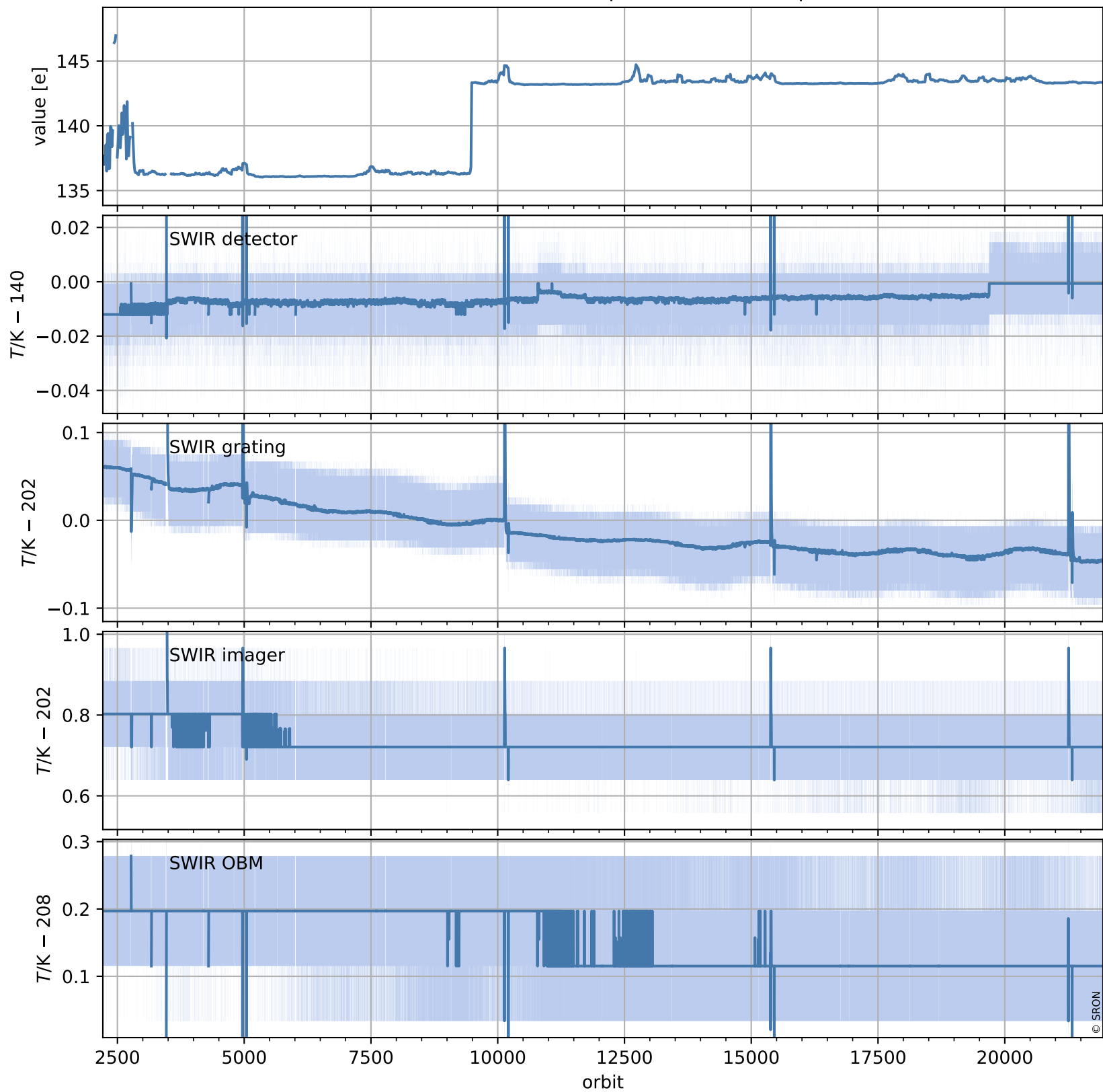
orbits : 13 in [21847, 21937]
coverage : 2021-12-31 / 2022-01-06
created : 2023-08-21T16:20:48



Tropomi SWIR background noise (swir)

orbits : [2212, 21937]
coverage : 2018-03-18 / 2022-01-06
created : 2023-08-21T16:20:49

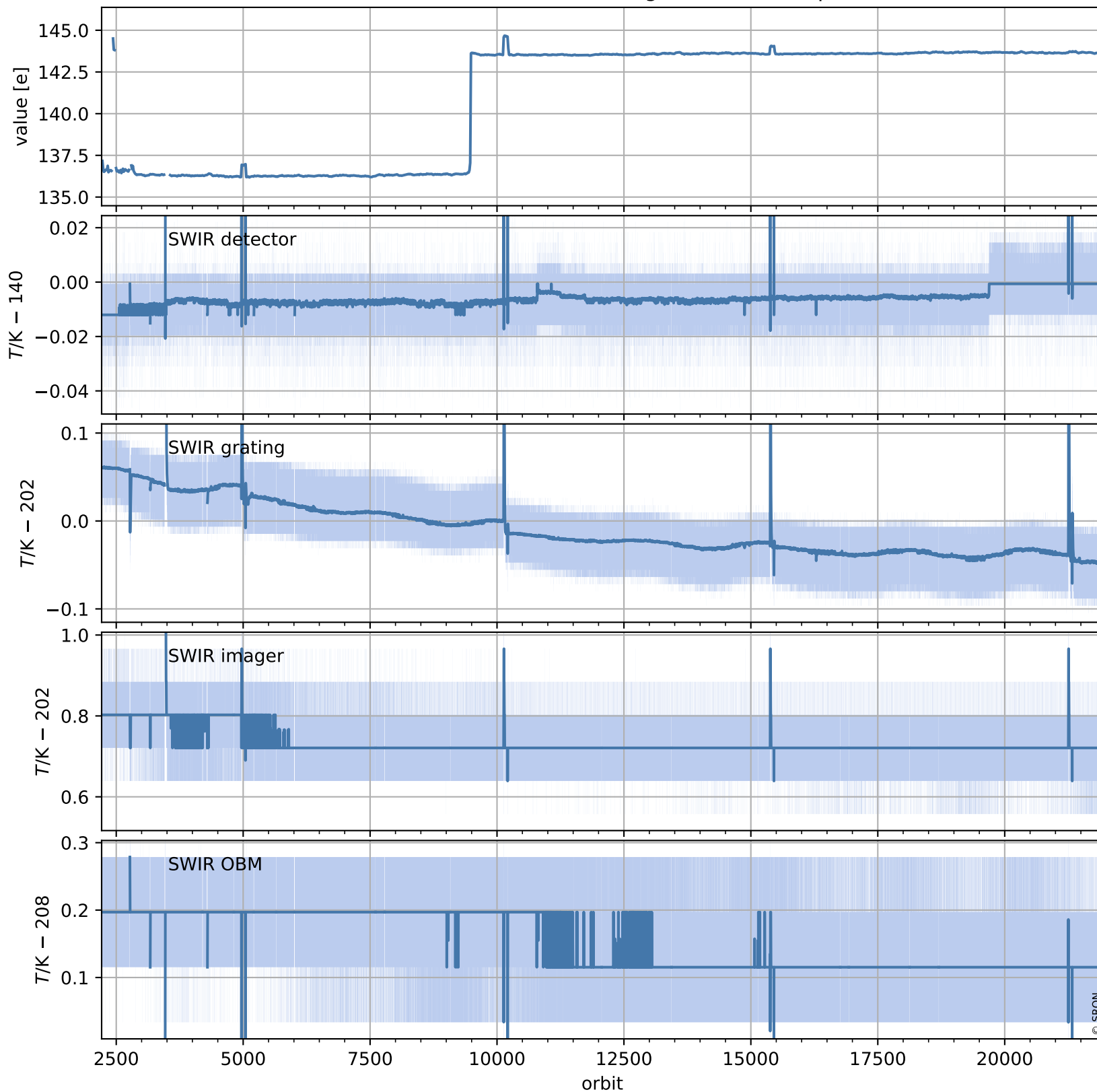
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21937]
coverage : 2018-03-18 / 2022-01-06
created : 2023-08-21T16:20:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21937]
coverage : 2018-03-18 / 2022-01-06
created : 2023-08-21T16:20:50

trend of normalized read-noise & temperatures

