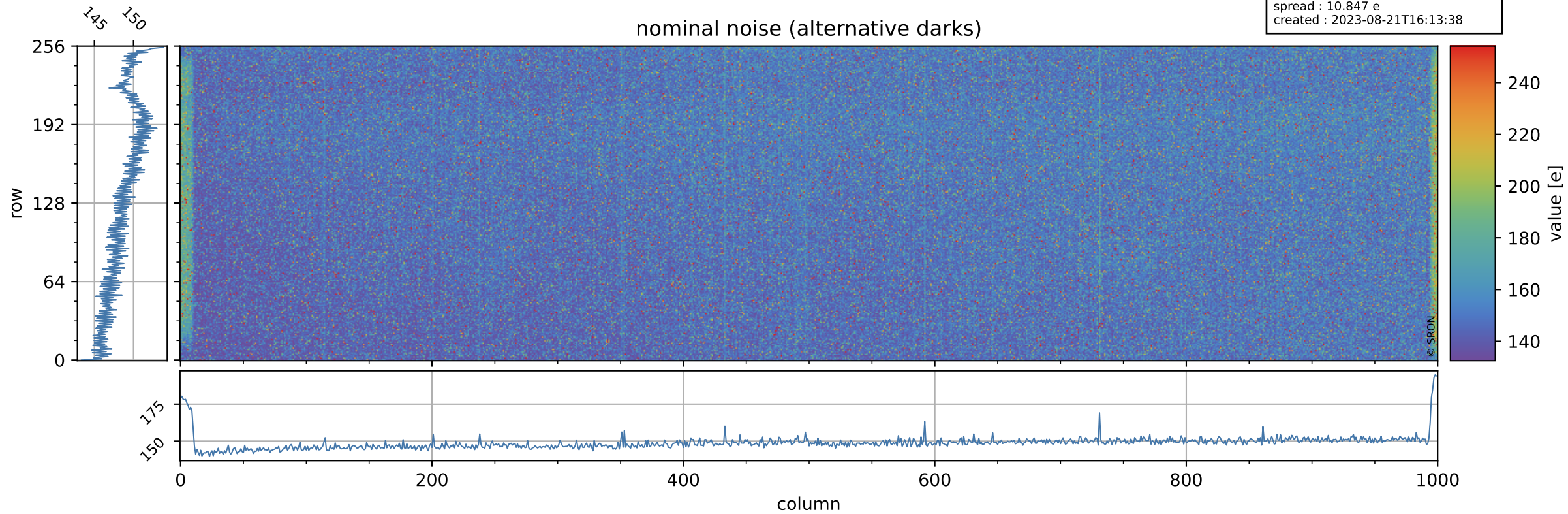


Tropomi SWIR background noise (swir)

orbits : 12 in [20722, 20797]
coverage : 2021-10-12 / 2021-10-17
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.847 e
created : 2023-08-21T16:13:38

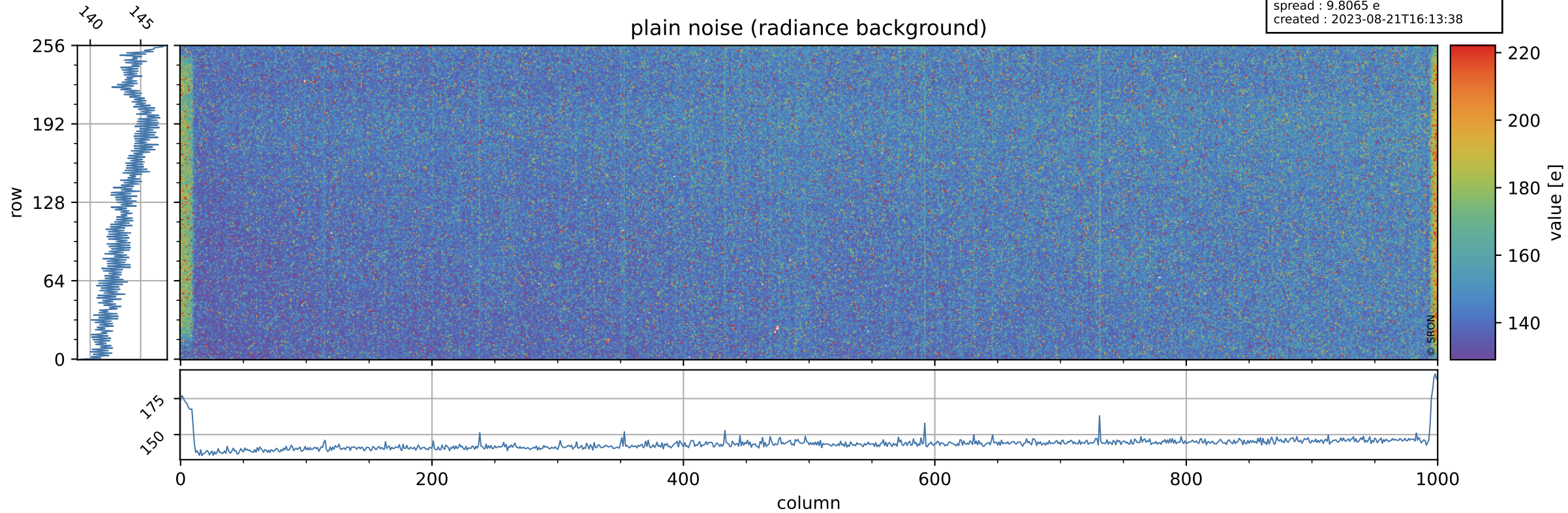
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20722, 20797]
coverage : 2021-10-12 / 2021-10-17
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.8065 e
created : 2023-08-21T16:13:38

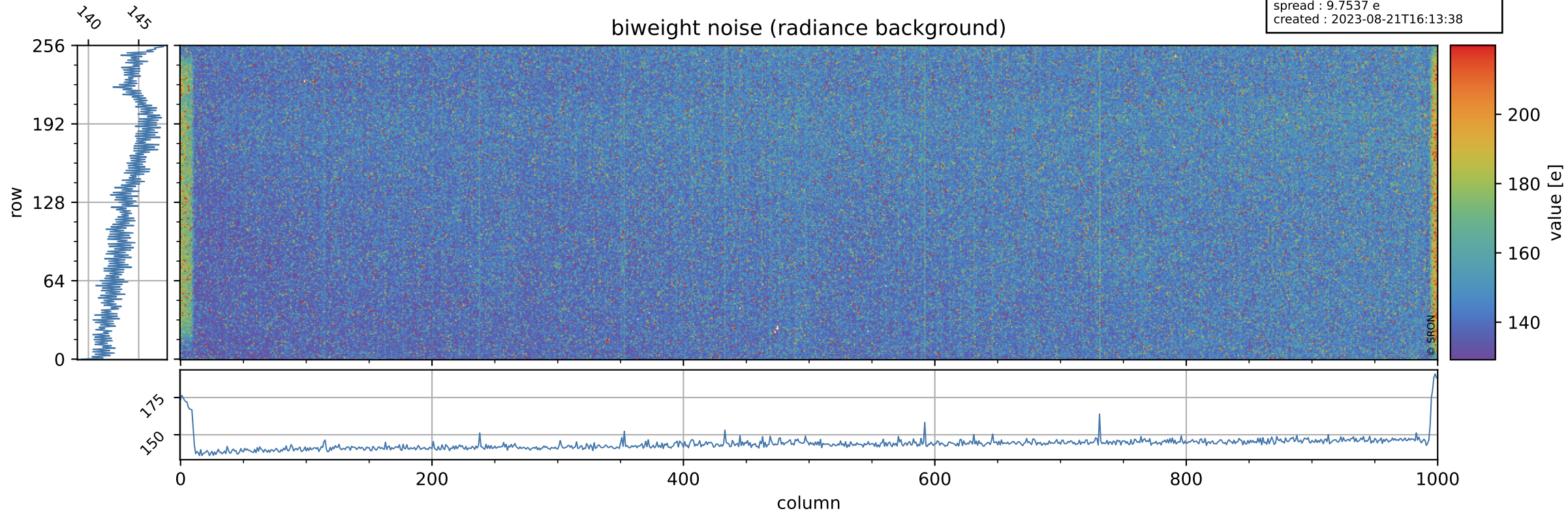
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20722, 20797]
coverage : 2021-10-12 / 2021-10-17
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.7537 e
created : 2023-08-21T16:13:38

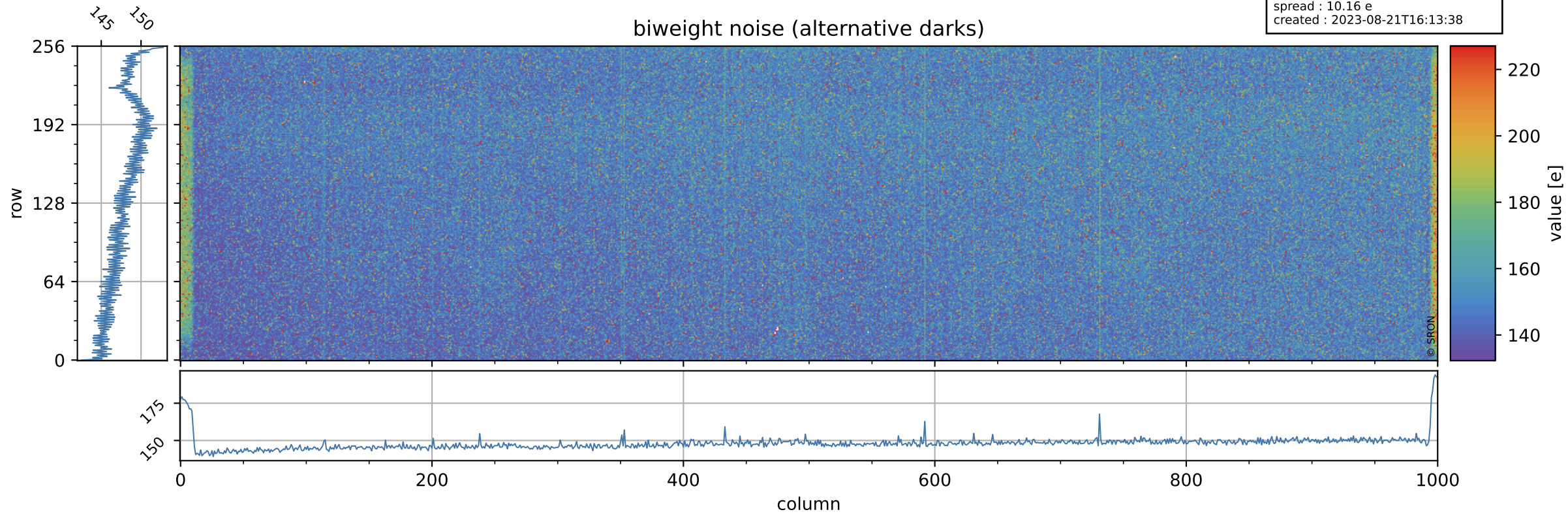
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20722, 20797]
coverage : 2021-10-12 / 2021-10-17
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.16 e
created : 2023-08-21T16:13:38

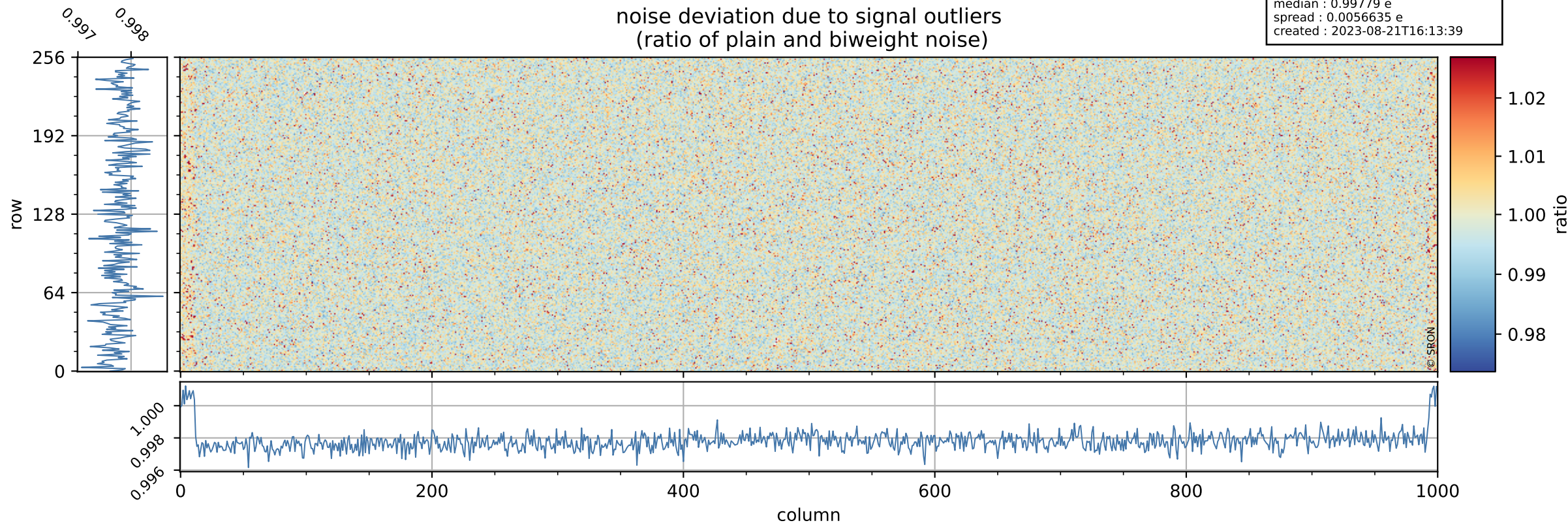
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

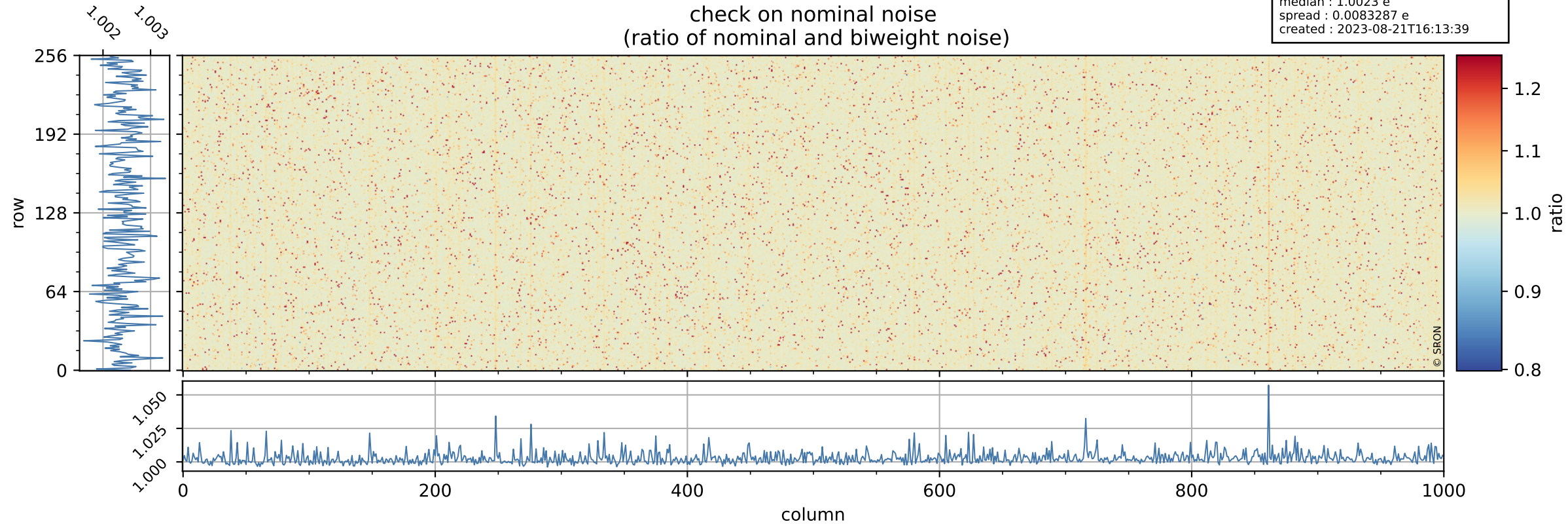
orbits : 12 in [20722, 20797]
coverage : 2021-10-12 / 2021-10-17
median : 0.99779 e
spread : 0.0056635 e
created : 2023-08-21T16:13:39



Tropomi SWIR background noise (swir)

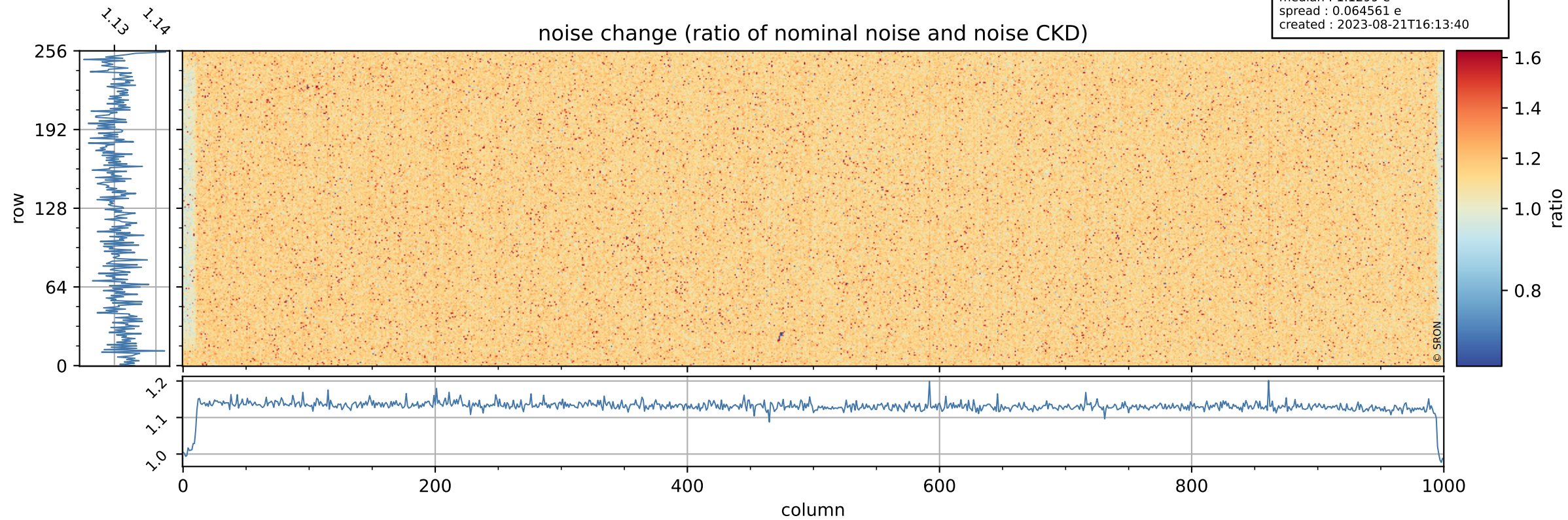
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20722, 20797]
coverage : 2021-10-12 / 2021-10-17
median : 1.0023 e
spread : 0.0083287 e
created : 2023-08-21T16:13:39



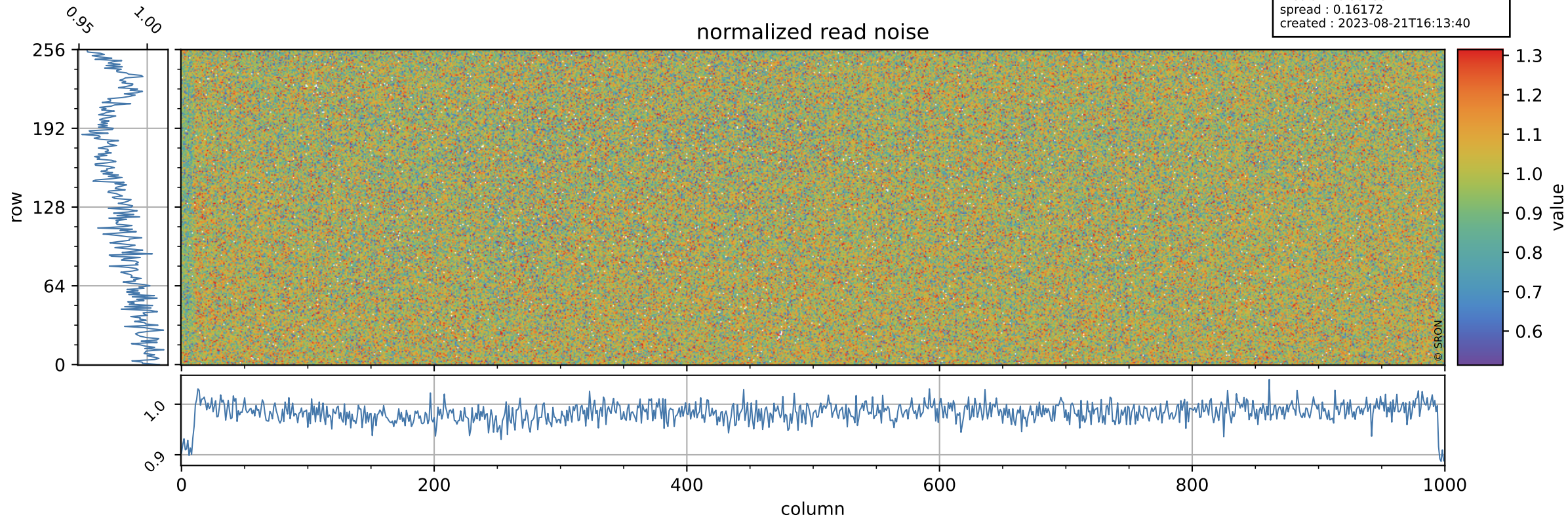
Tropomi SWIR background noise (swir)

orbits : 12 in [20722, 20797]
coverage : 2021-10-12 / 2021-10-17
median : 1.1299 e
spread : 0.064561 e
created : 2023-08-21T16:13:40



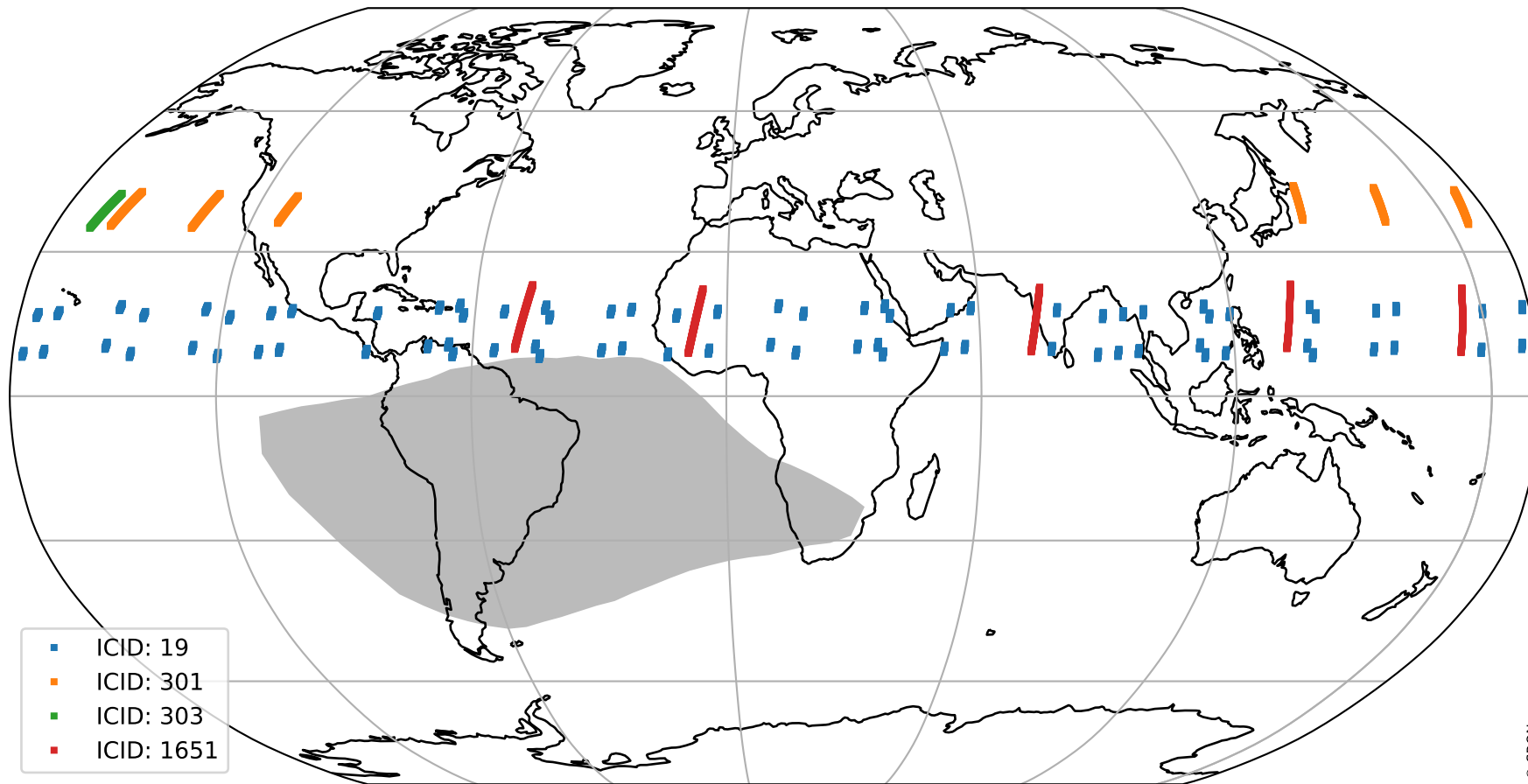
Tropomi SWIR background noise (swir)

orbits : 12 in [20722, 20797]
coverage : 2021-10-12 / 2021-10-17
median : 0.98153
spread : 0.16172
created : 2023-08-21T16:13:40



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

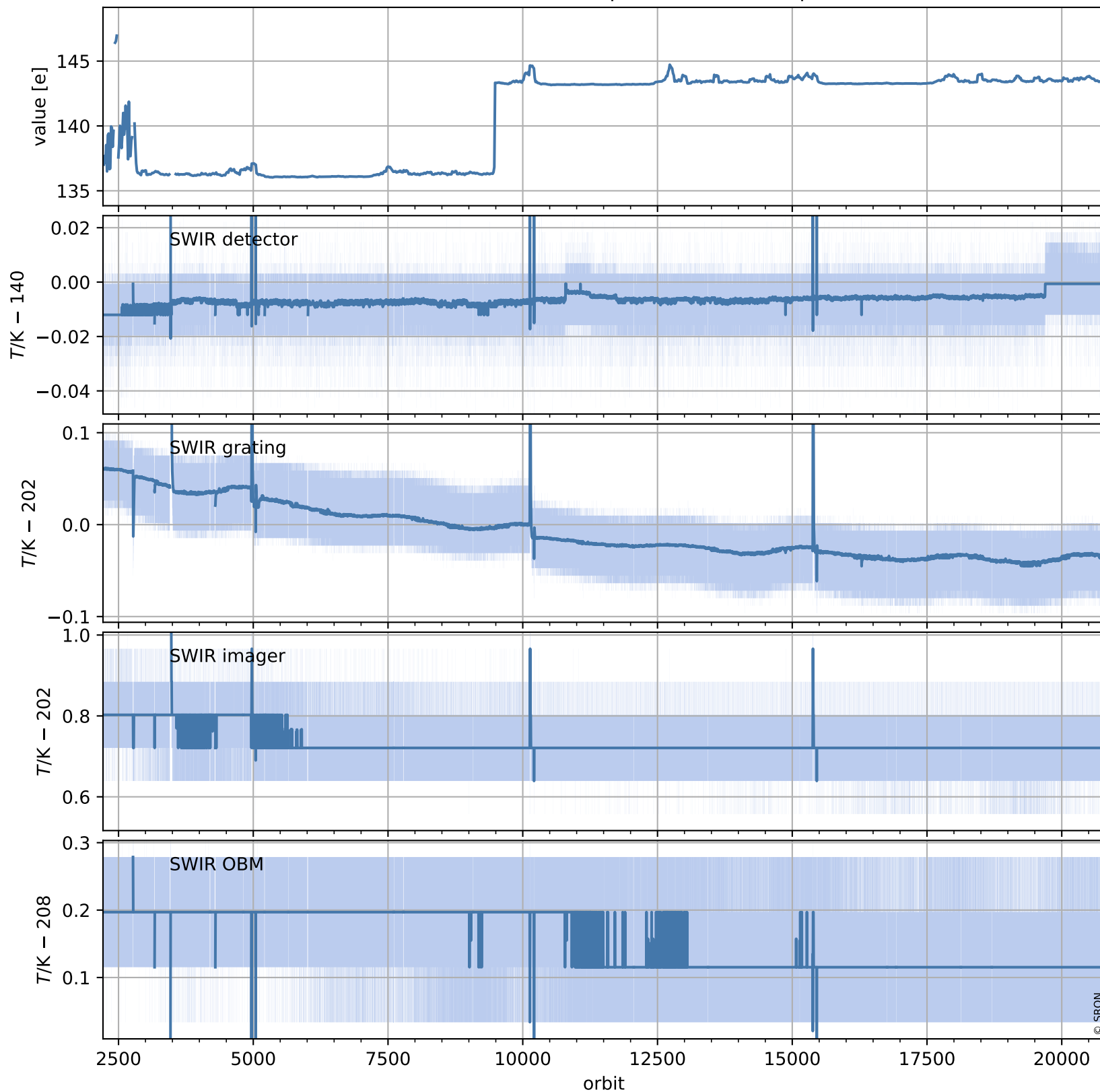
orbits : 12 in [20722, 20797]
coverage : 2021-10-12 / 2021-10-17
created : 2023-08-21T16:13:40



Tropomi SWIR background noise (swir)

orbits : [2212, 20797]
coverage : 2018-03-18 / 2021-10-17
created : 2023-08-21T16:13:40

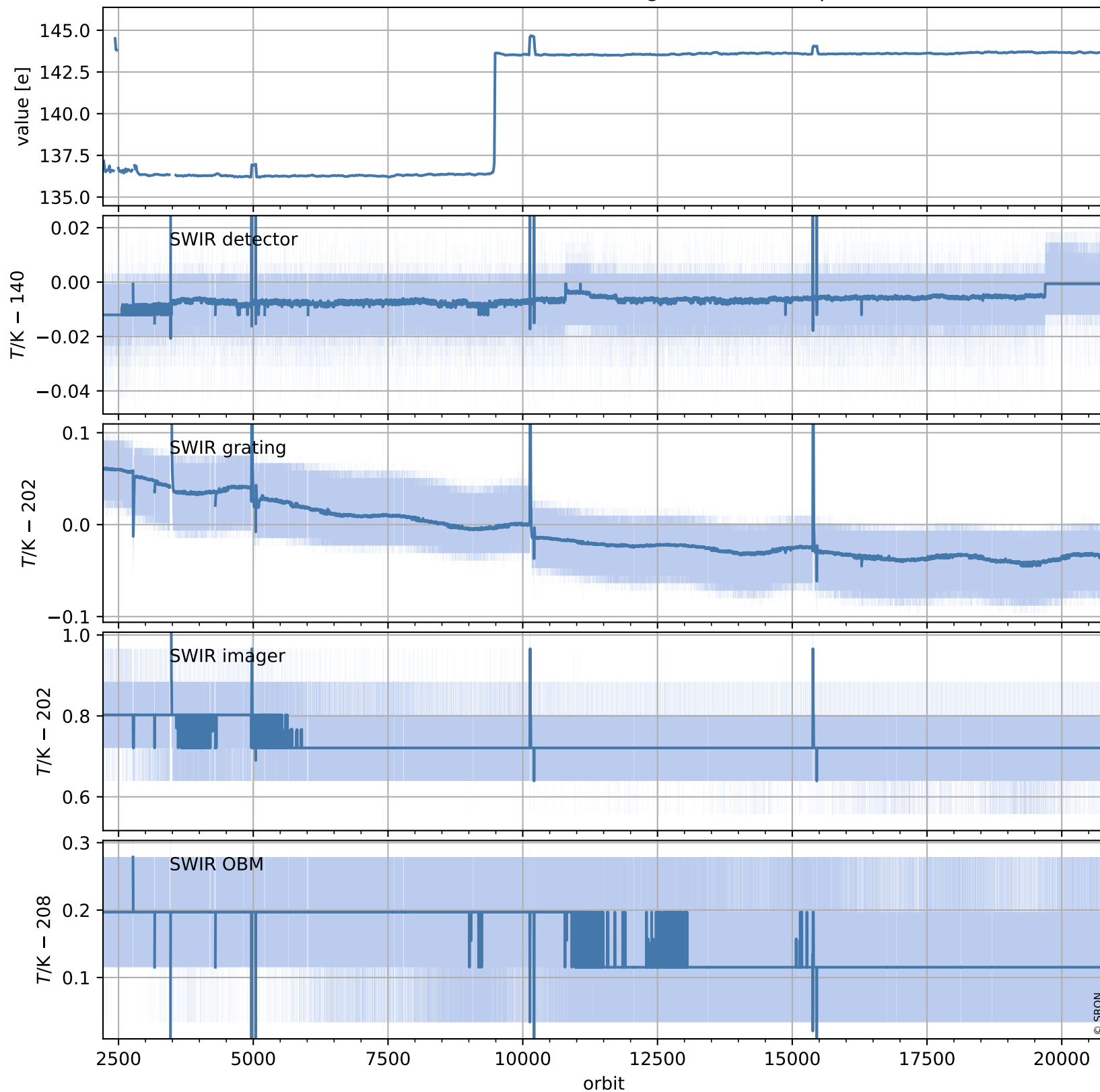
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20797]
coverage : 2018-03-18 / 2021-10-17
created : 2023-08-21T16:13:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20797]
coverage : 2018-03-18 / 2021-10-17
created : 2023-08-21T16:13:42

trend of normalized read-noise & temperatures

