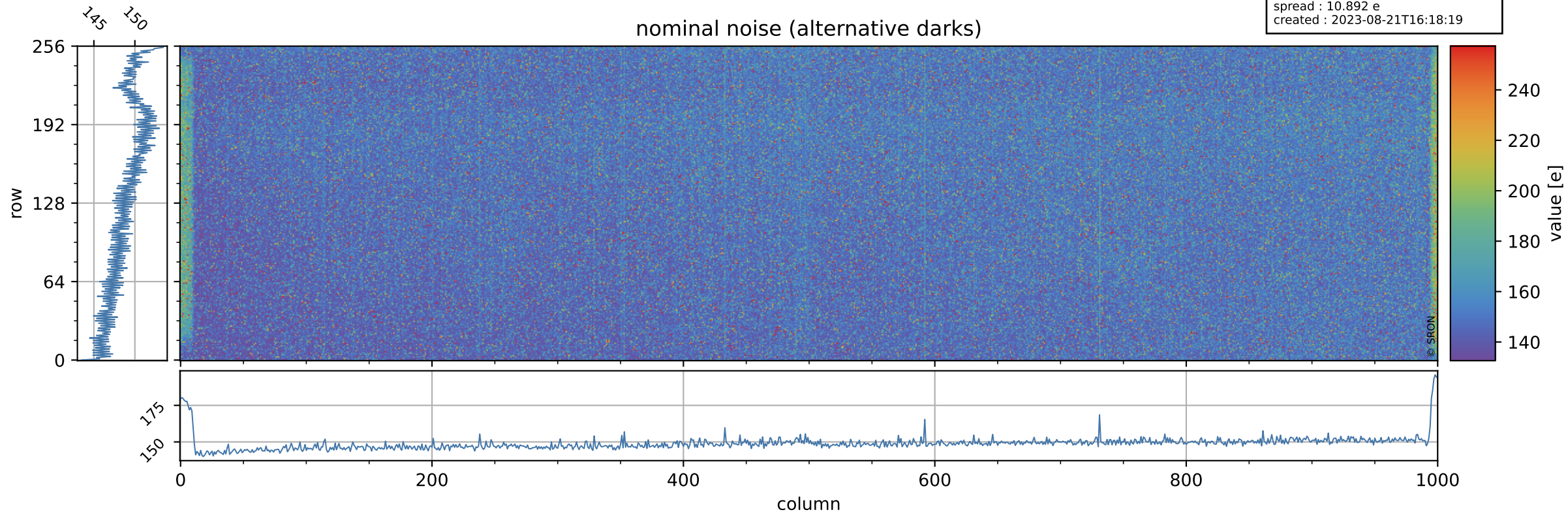


Tropomi SWIR background noise (swir)

orbits : 12 in [21457, 21547]
coverage : 2021-12-04 / 2021-12-10
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 10.892 e
created : 2023-08-21T16:18:19

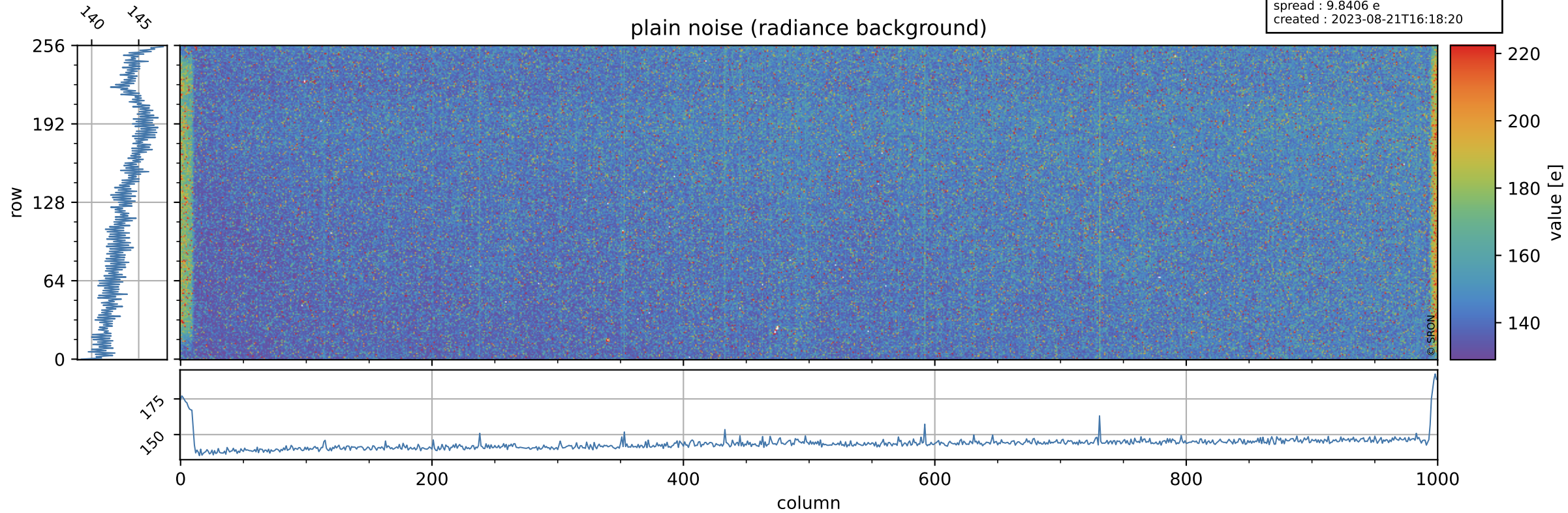
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21457, 21547]
coverage : 2021-12-04 / 2021-12-10
n_coad, t_exp : 1, 0.8383
median : 143.5 e
spread : 9.8406 e
created : 2023-08-21T16:18:20

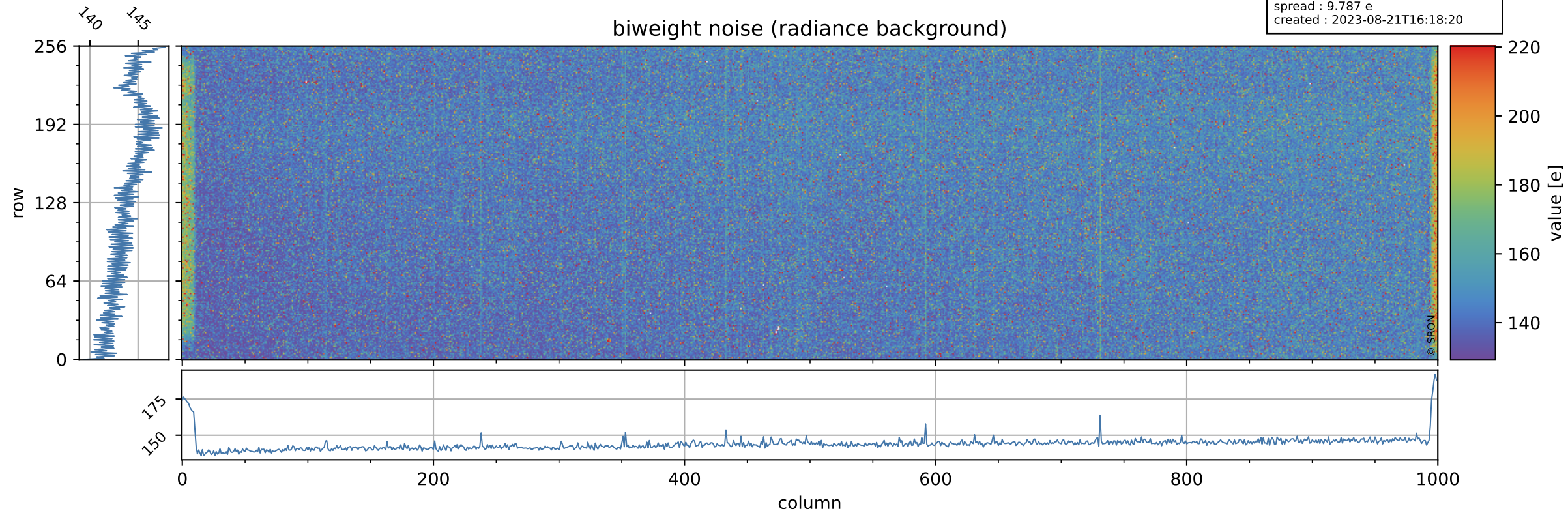
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21457, 21547]
coverage : 2021-12-04 / 2021-12-10
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.787 e
created : 2023-08-21T16:18:20

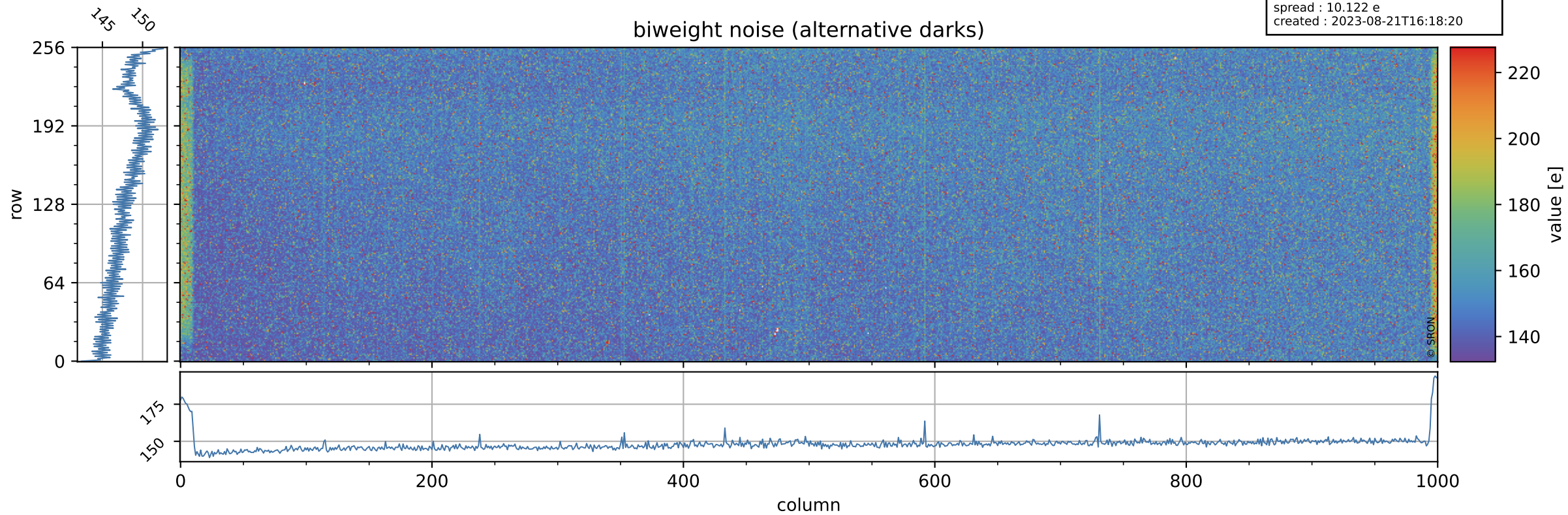
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21457, 21547]
coverage : 2021-12-04 / 2021-12-10
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.122 e
created : 2023-08-21T16:18:20

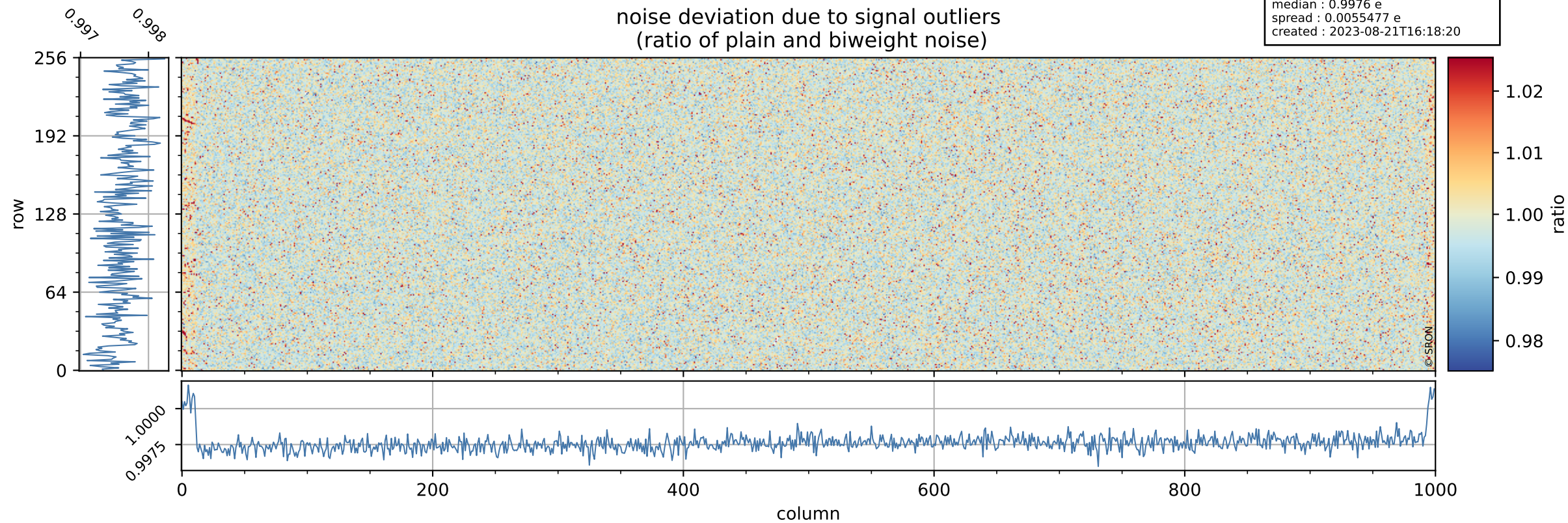
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

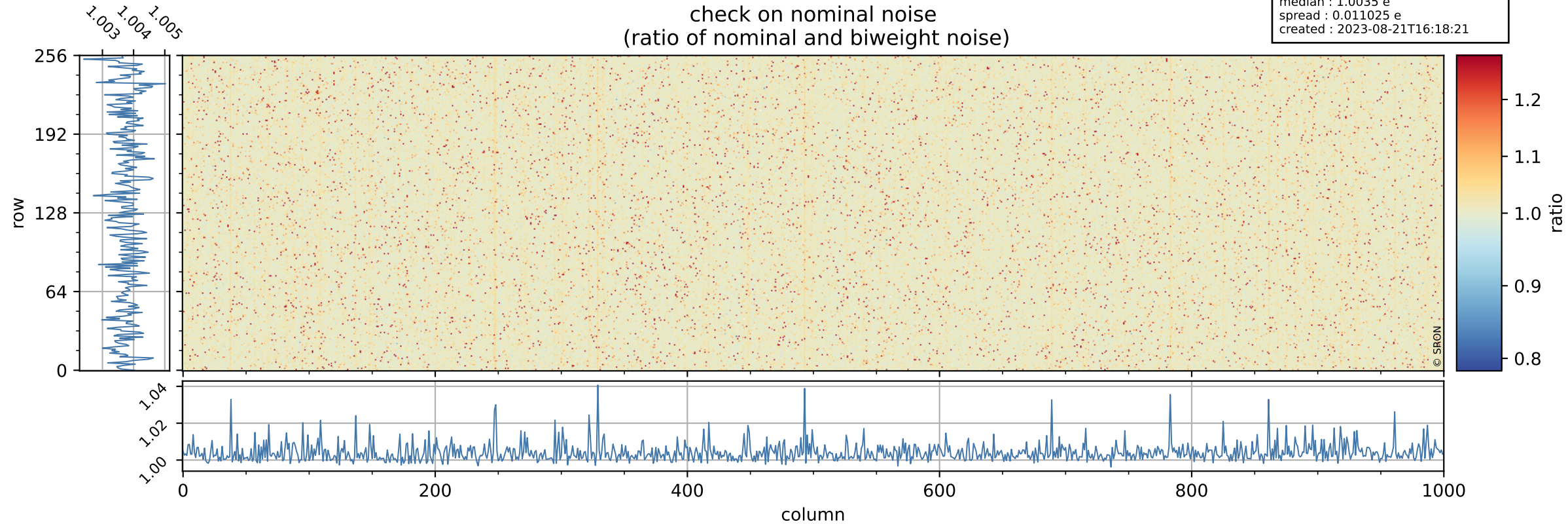
orbits : 12 in [21457, 21547]
coverage : 2021-12-04 / 2021-12-10
median : 0.9976 e
spread : 0.0055477 e
created : 2023-08-21T16:18:20



Tropomi SWIR background noise (swir)

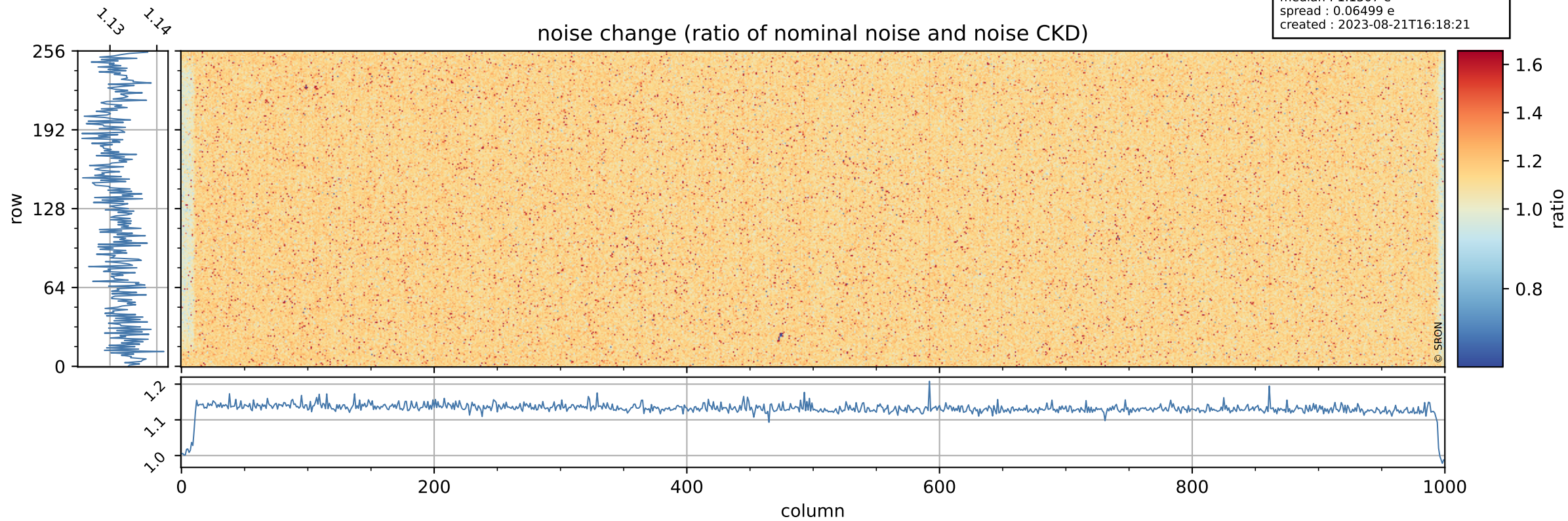
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21457, 21547]
coverage : 2021-12-04 / 2021-12-10
median : 1.0035 e
spread : 0.011025 e
created : 2023-08-21T16:18:21



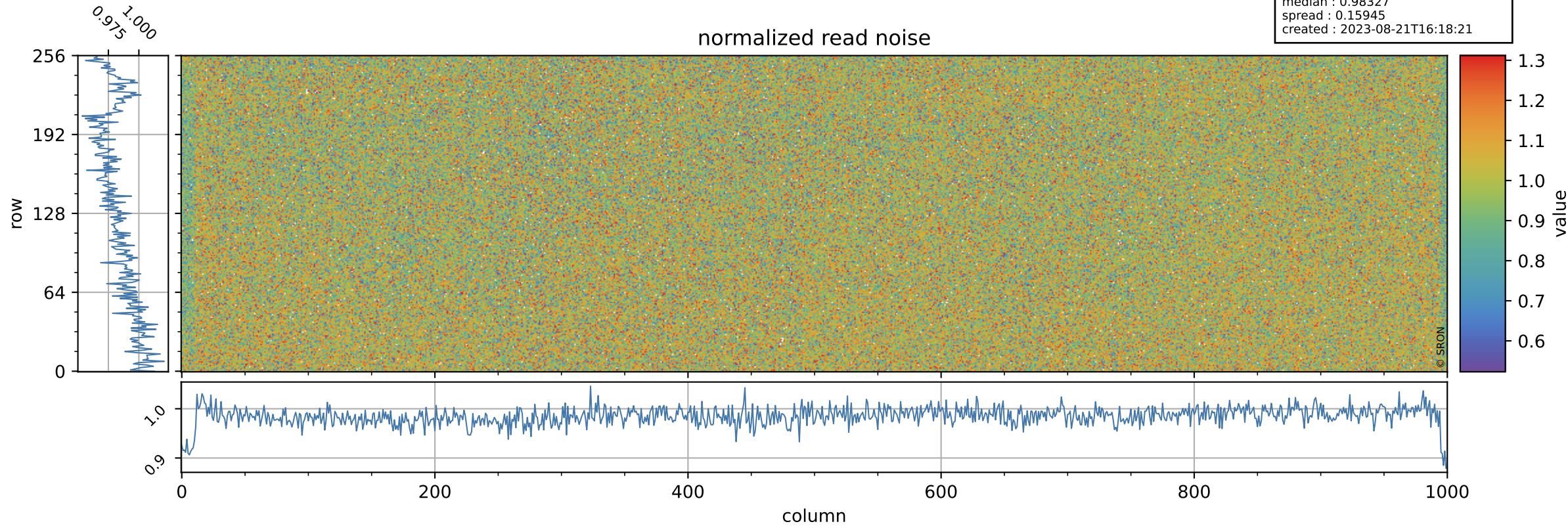
Tropomi SWIR background noise (swir)

orbits : 12 in [21457, 21547]
coverage : 2021-12-04 / 2021-12-10
median : 1.1307 e
spread : 0.06499 e
created : 2023-08-21T16:18:21



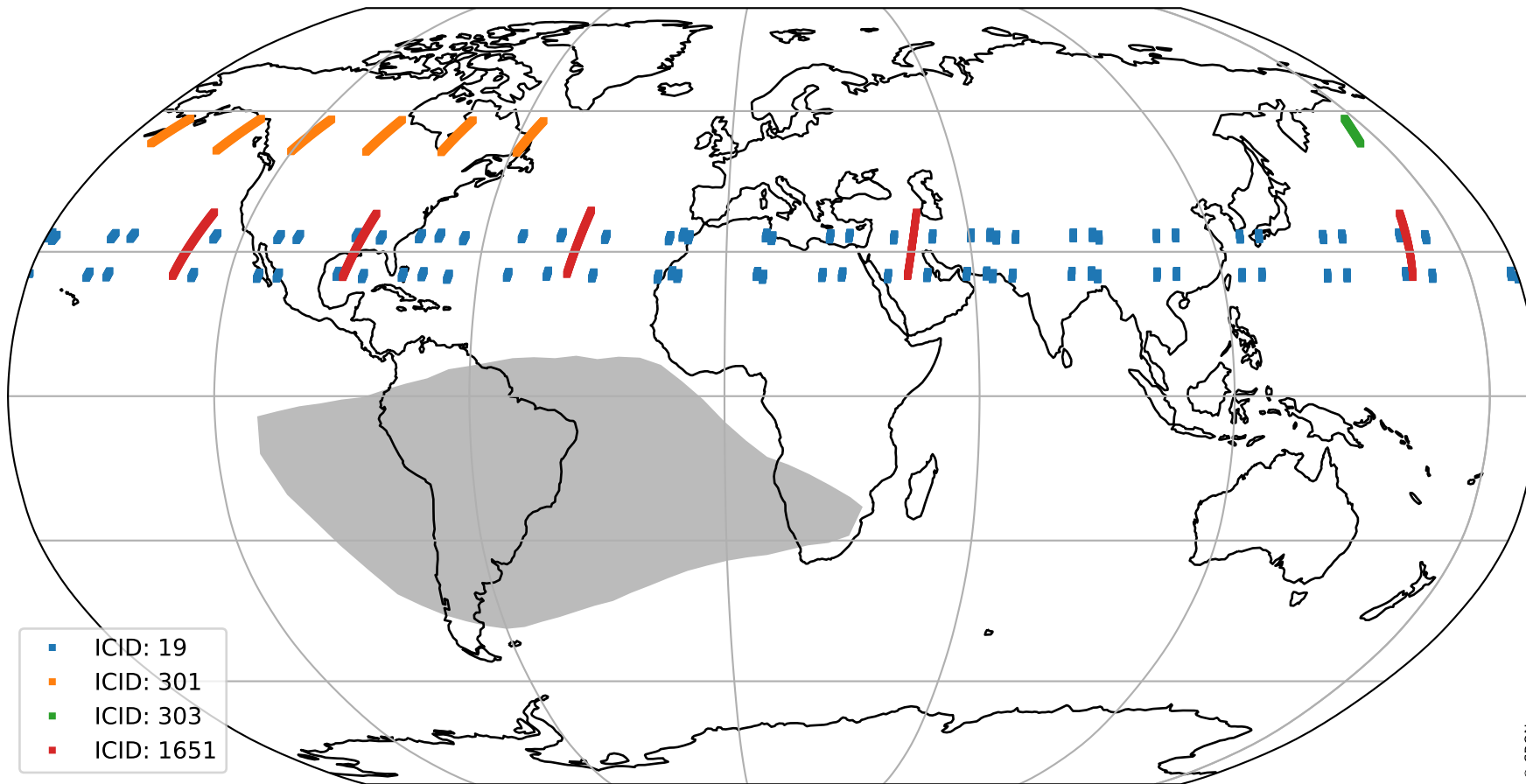
Tropomi SWIR background noise (swir)

orbits : 12 in [21457, 21547]
coverage : 2021-12-04 / 2021-12-10
median : 0.98327
spread : 0.15945
created : 2023-08-21T16:18:21



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

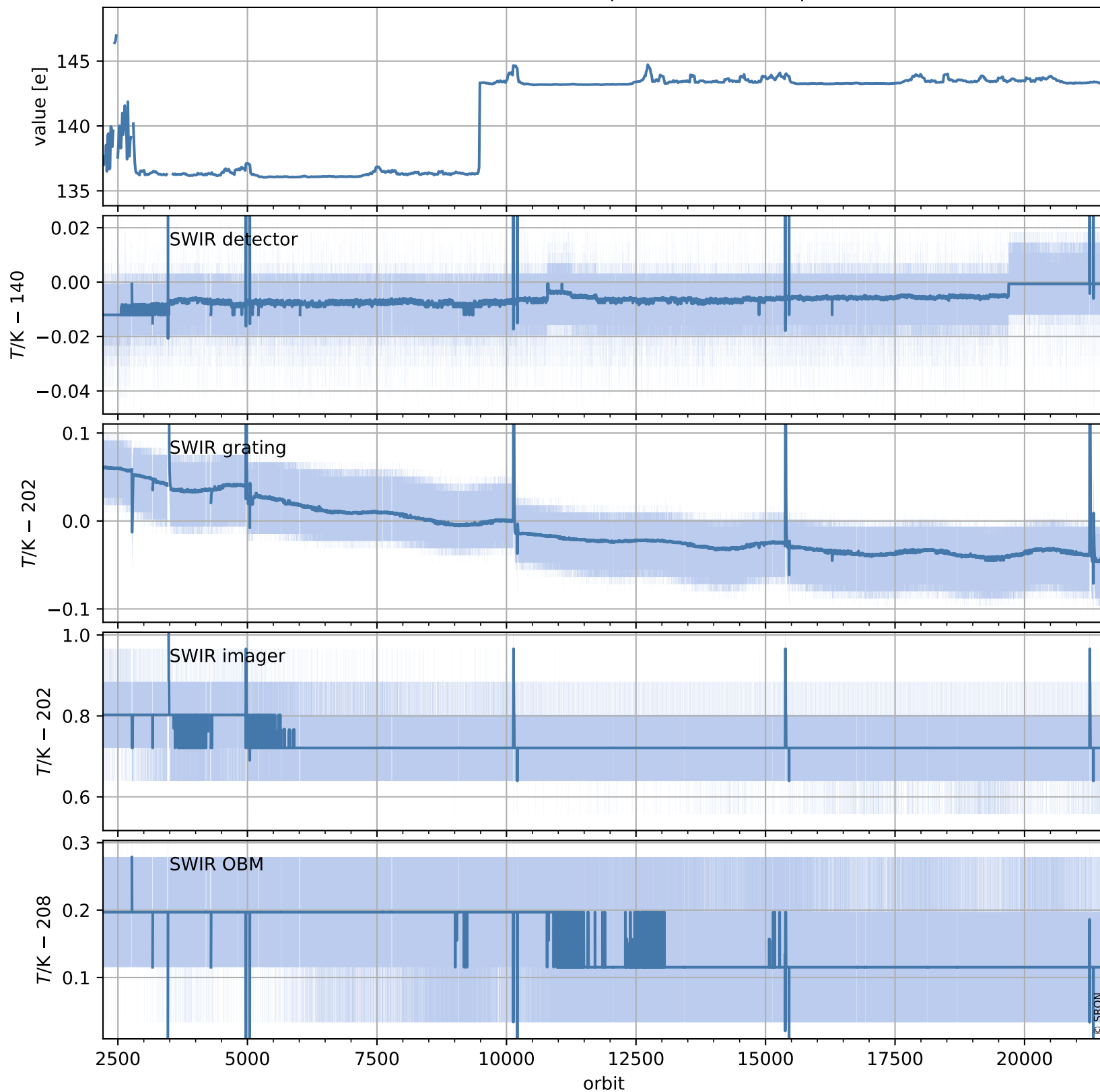
orbits : 12 in [21457, 21547]
coverage : 2021-12-04 / 2021-12-10
created : 2023-08-21T16:18:22



Tropomi SWIR background noise (swir)

orbits : [2212, 21547]
coverage : 2018-03-18 / 2021-12-10
created : 2023-08-21T16:18:22

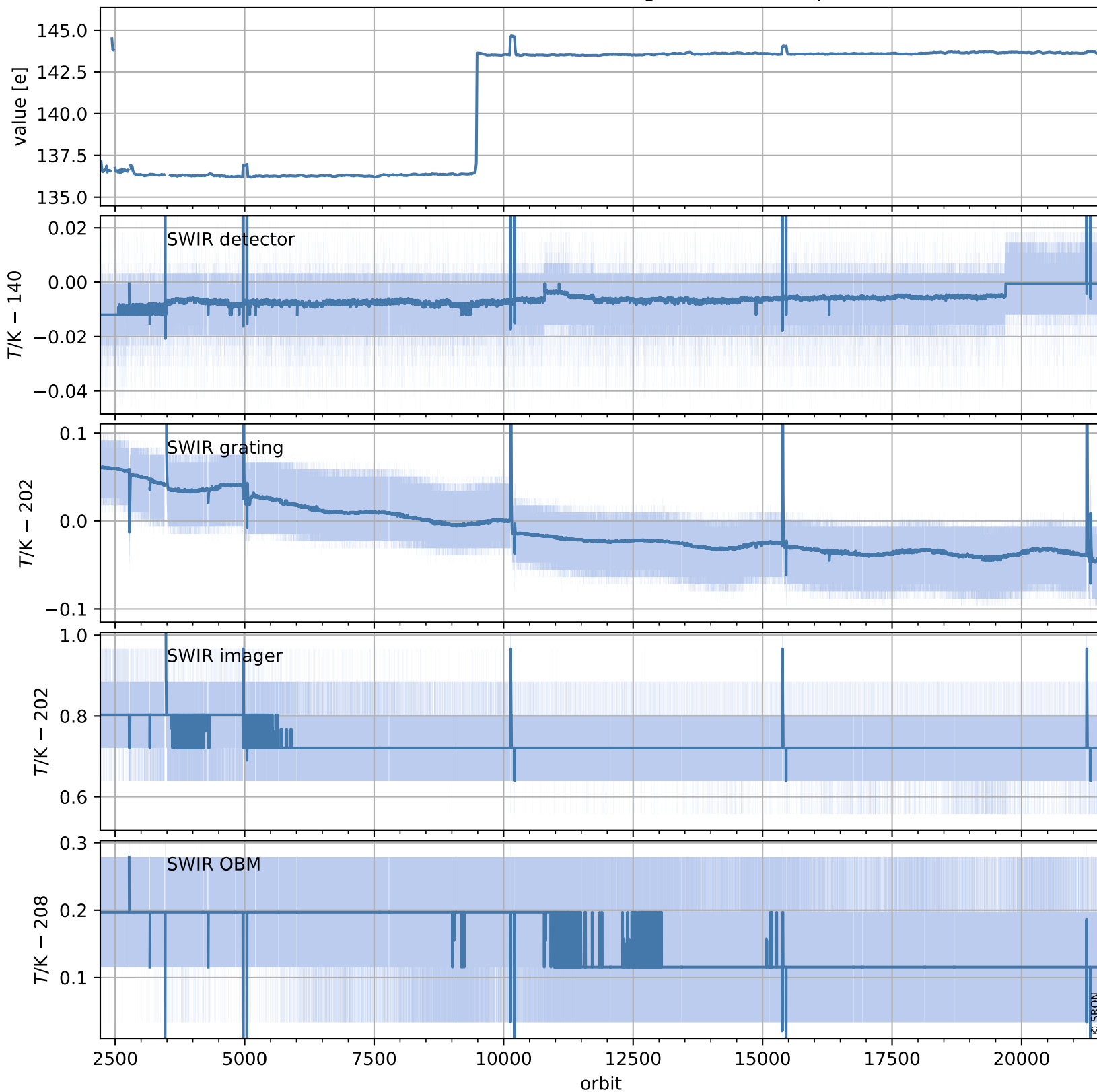
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21547]
coverage : 2018-03-18 / 2021-12-10
created : 2023-08-21T16:18:23

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21547]
coverage : 2018-03-18 / 2021-12-10
created : 2023-08-21T16:18:24

trend of normalized read-noise & temperatures

