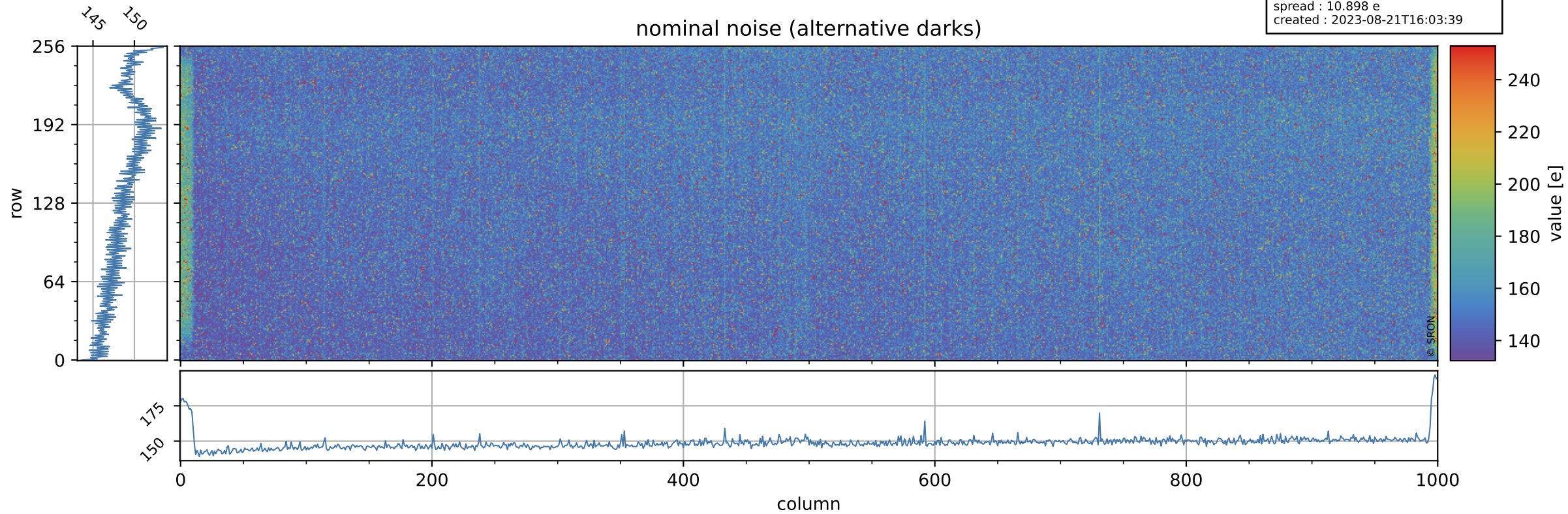


Tropomi SWIR background noise (swir)

orbits : 12 in [19072, 19162]
coverage : 2021-06-19 / 2021-06-24
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.898 e
created : 2023-08-21T16:03:39

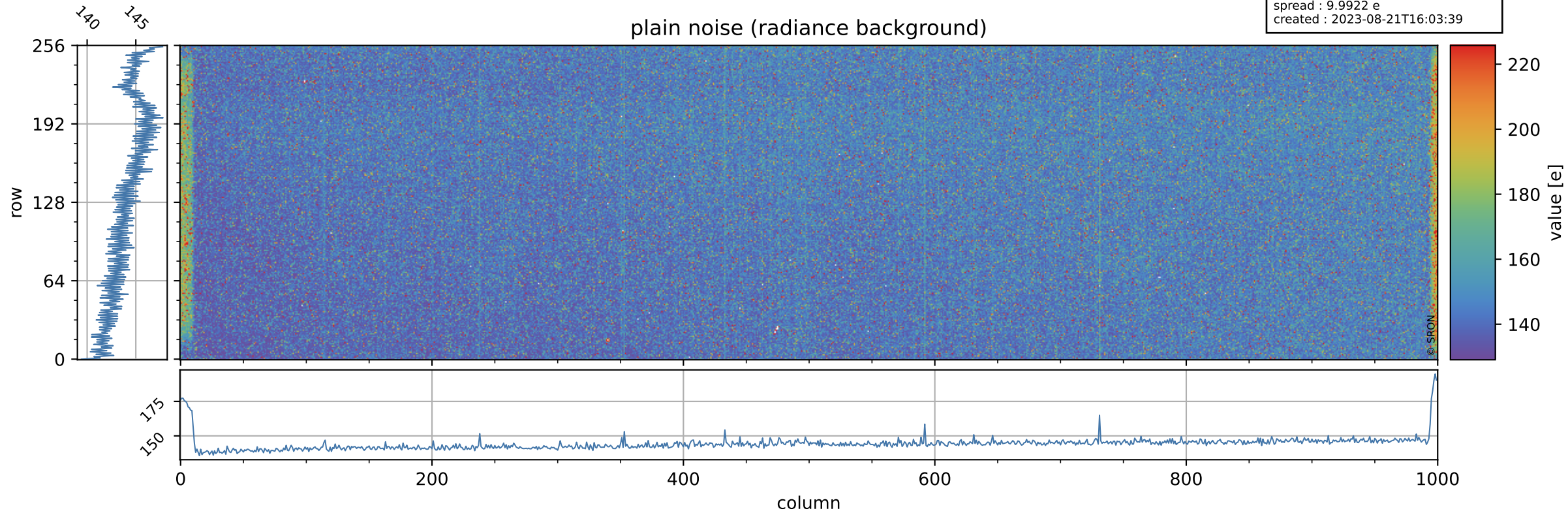
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19072, 19162]
coverage : 2021-06-19 / 2021-06-24
n_coad, t_exp : 1, 0.8383
median : 144 e
spread : 9.9922 e
created : 2023-08-21T16:03:39

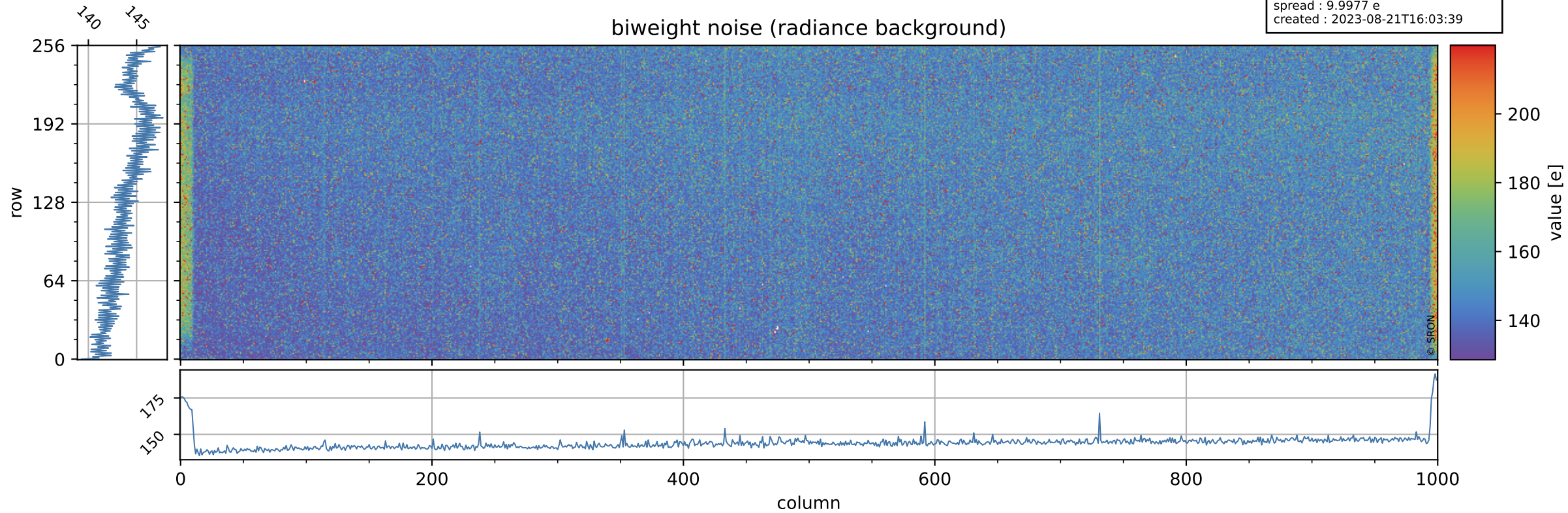
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19072, 19162]
coverage : 2021-06-19 / 2021-06-24
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9977 e
created : 2023-08-21T16:03:39

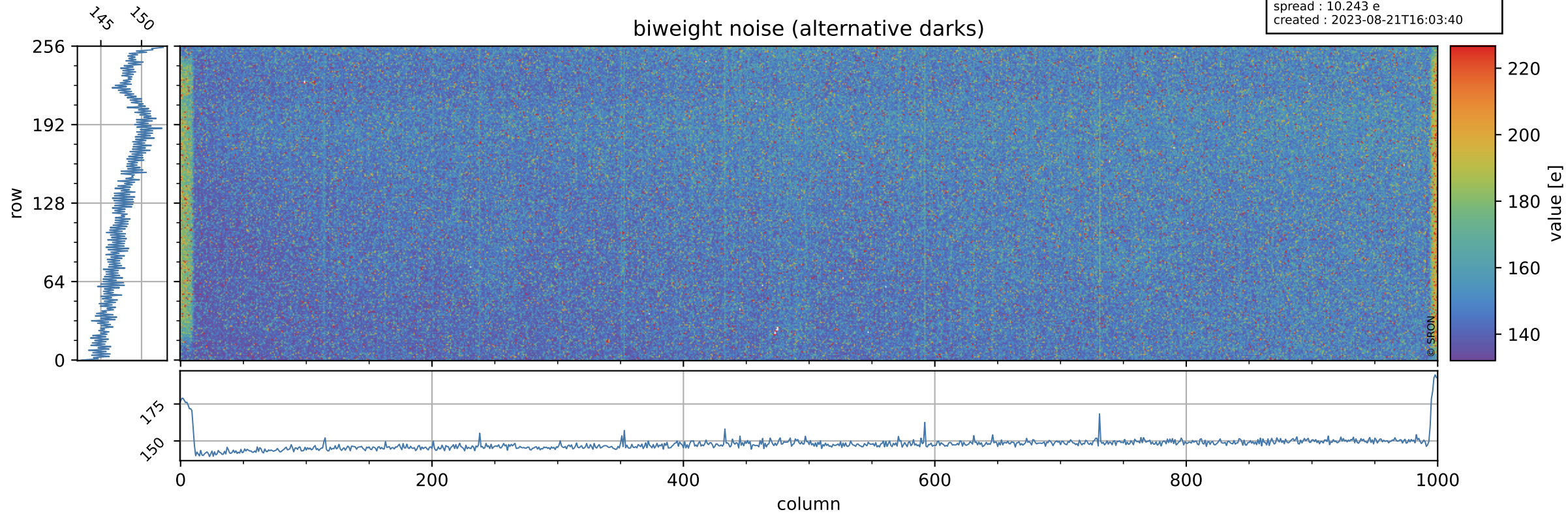
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19072, 19162]
coverage : 2021-06-19 / 2021-06-24
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.243 e
created : 2023-08-21T16:03:40

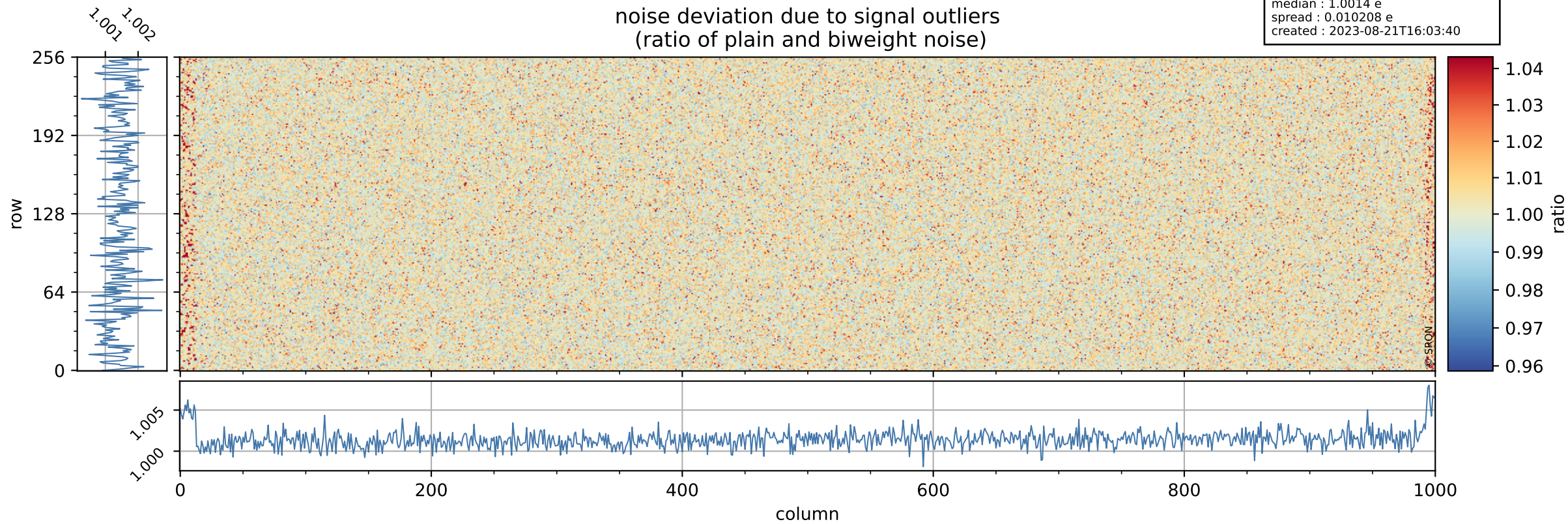
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

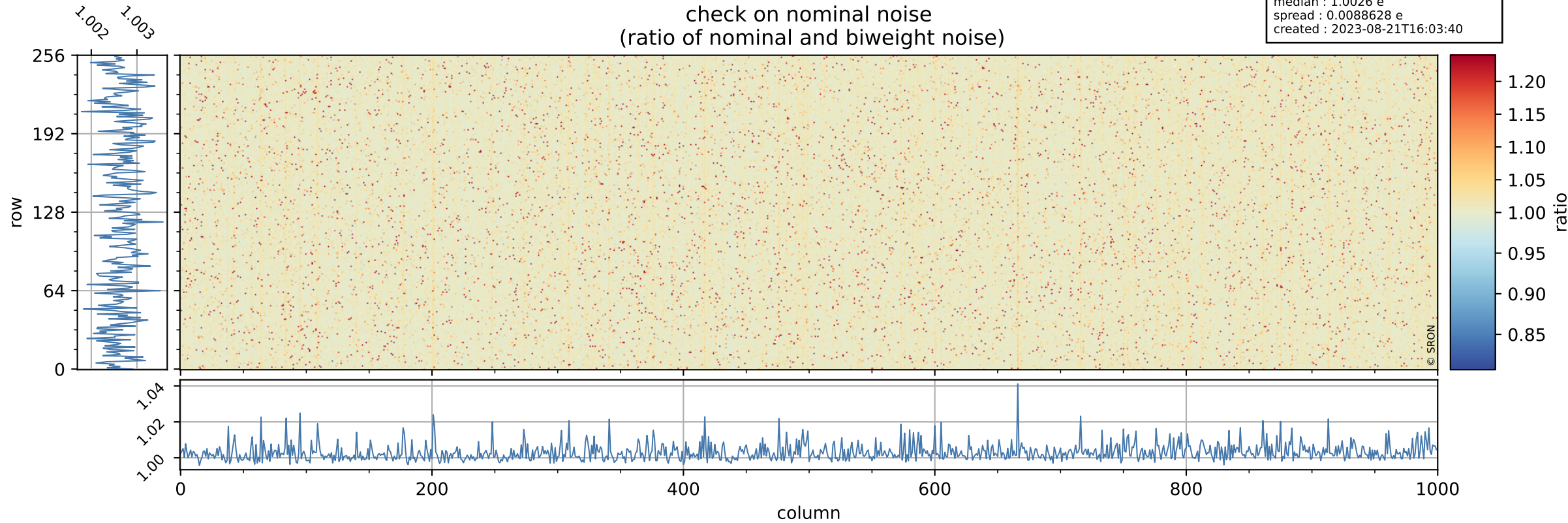
orbits : 12 in [19072, 19162]
coverage : 2021-06-19 / 2021-06-24
median : 1.0014 e
spread : 0.010208 e
created : 2023-08-21T16:03:40



Tropomi SWIR background noise (swir)

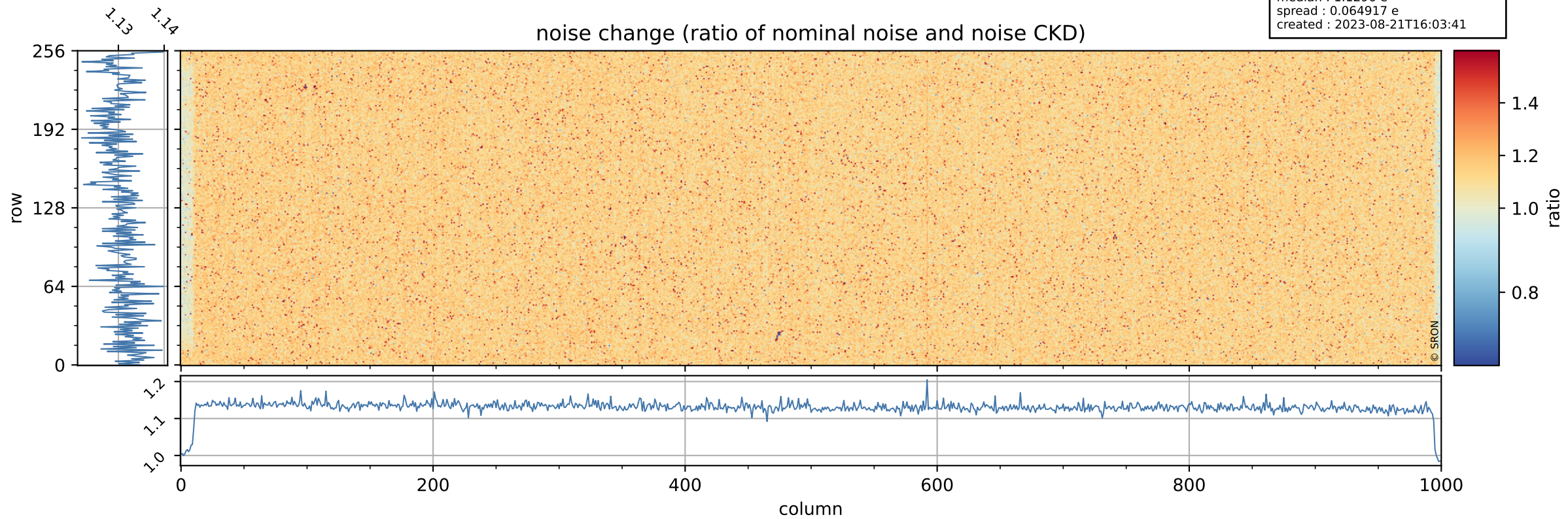
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19072, 19162]
coverage : 2021-06-19 / 2021-06-24
median : 1.0026 e
spread : 0.0088628 e
created : 2023-08-21T16:03:40



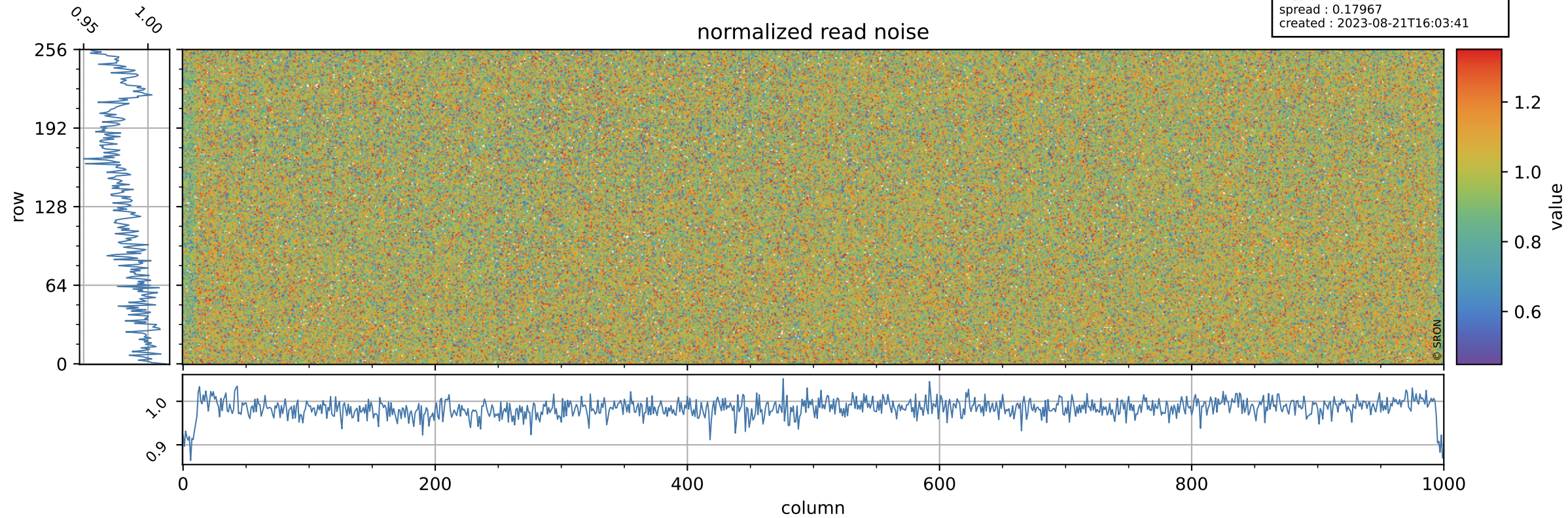
Tropomi SWIR background noise (swir)

orbits : 12 in [19072, 19162]
coverage : 2021-06-19 / 2021-06-24
median : 1.1296 e
spread : 0.064917 e
created : 2023-08-21T16:03:41



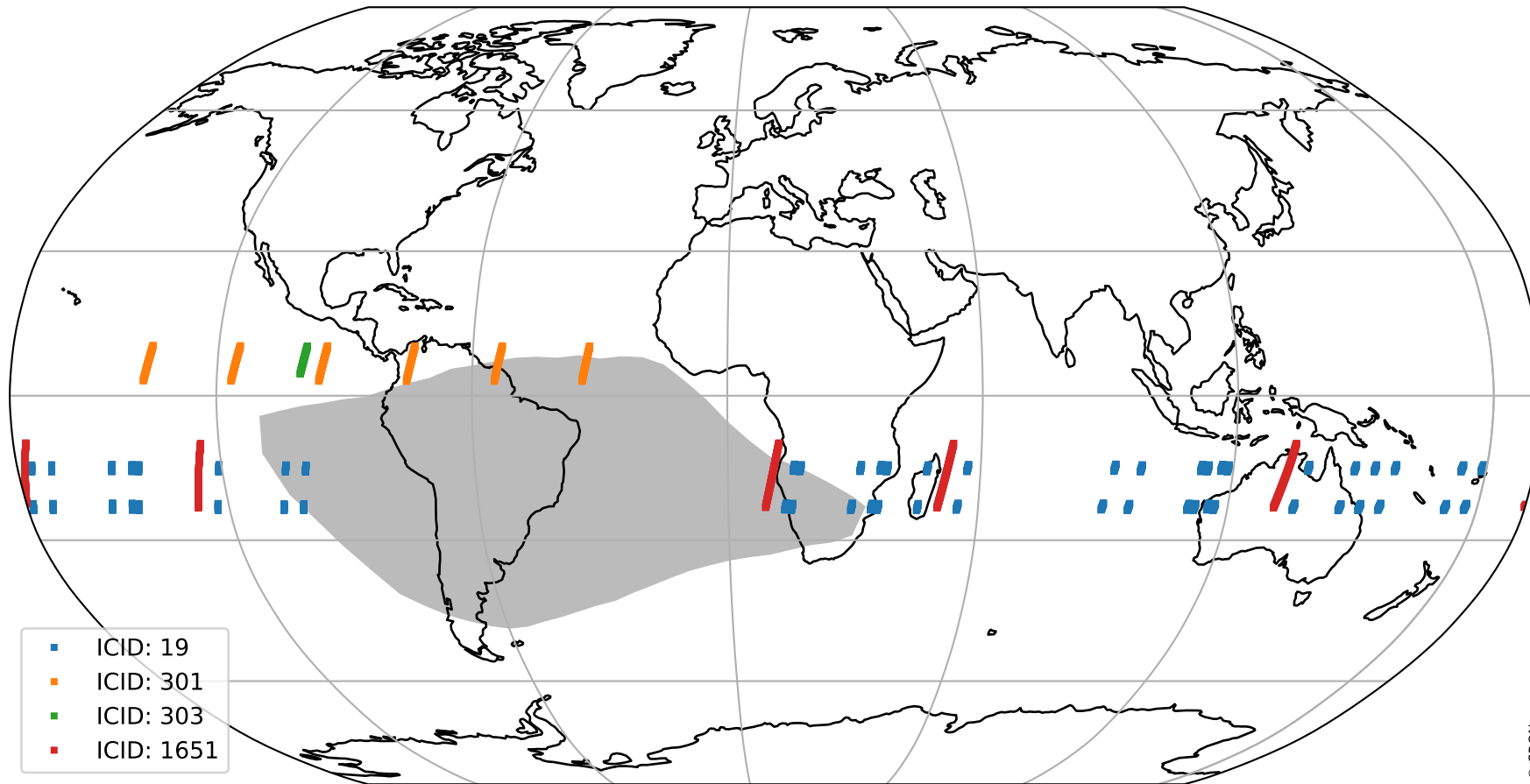
Tropomi SWIR background noise (swir)

orbits : 12 in [19072, 19162]
coverage : 2021-06-19 / 2021-06-24
median : 0.98252
spread : 0.17967
created : 2023-08-21T16:03:41



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

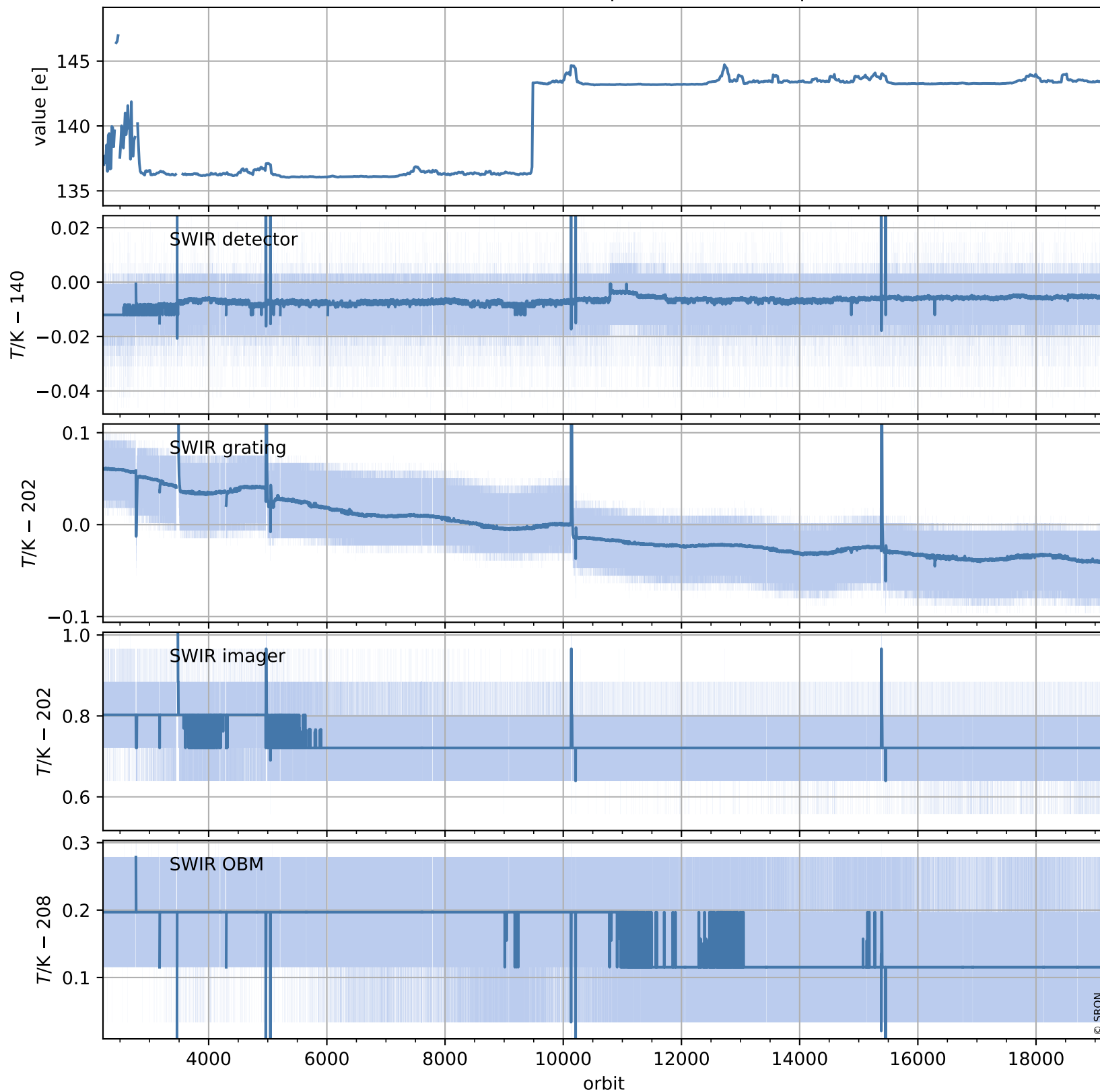
orbits : 12 in [19072, 19162]
coverage : 2021-06-19 / 2021-06-24
created : 2023-08-21T16:03:41



Tropomi SWIR background noise (swir)

orbits : [2212, 19162]
coverage : 2018-03-18 / 2021-06-24
created : 2023-08-21T16:03:42

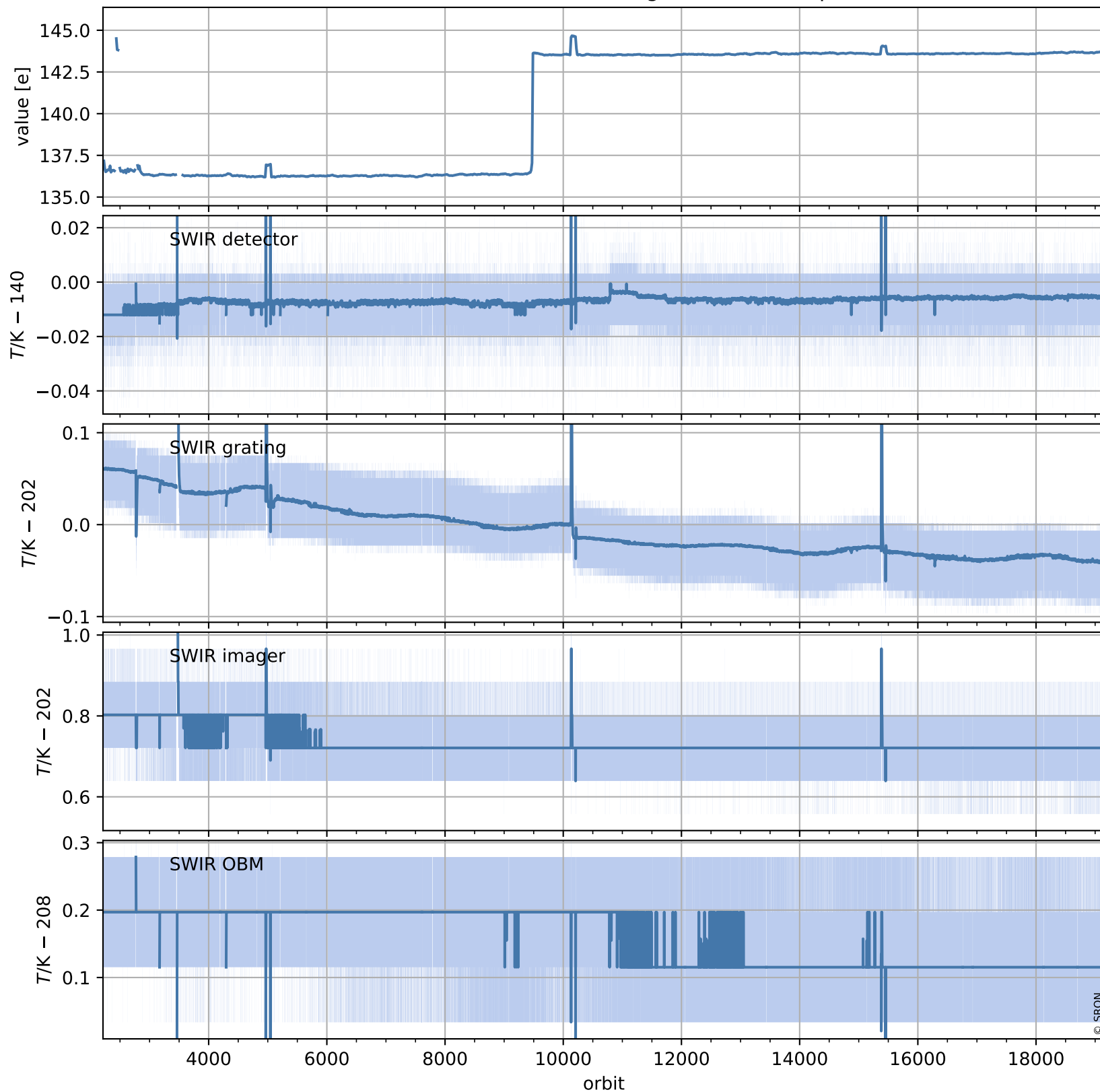
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19162]
coverage : 2018-03-18 / 2021-06-24
created : 2023-08-21T16:03:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19162]
coverage : 2018-03-18 / 2021-06-24
created : 2023-08-21T16:03:43

trend of normalized read-noise & temperatures

