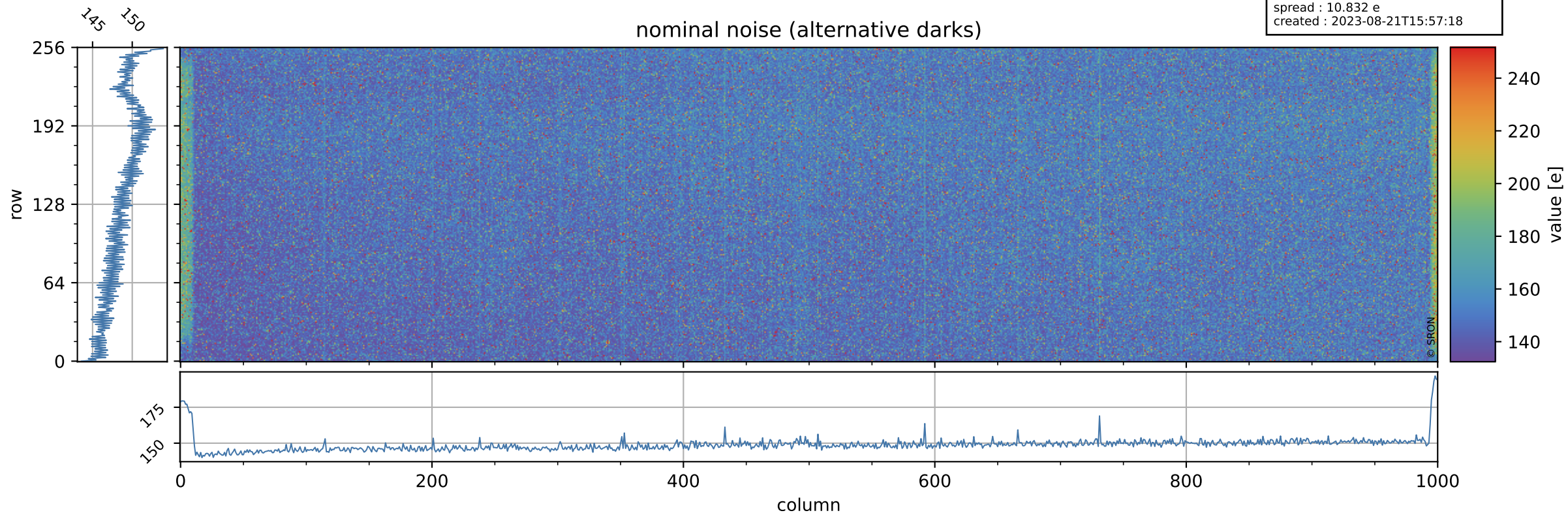


Tropomi SWIR background noise (swir)

orbits : 12 in [18022, 18097]
coverage : 2021-04-05 / 2021-04-10
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.832 e
created : 2023-08-21T15:57:18

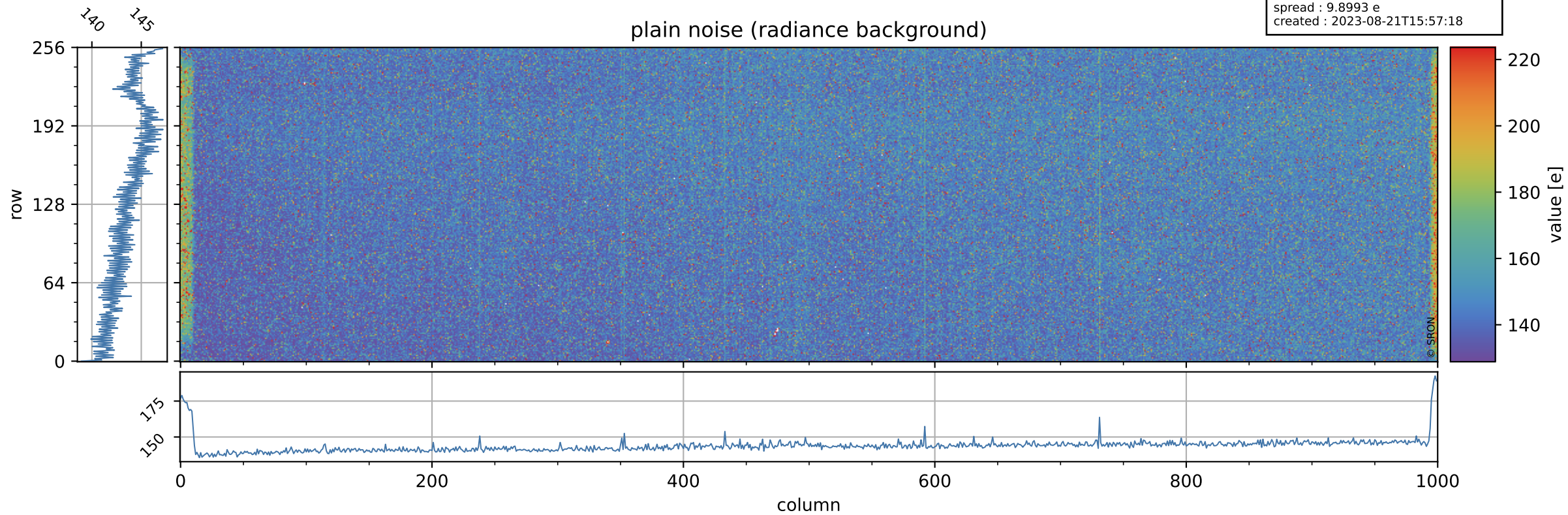
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18022, 18097]
coverage : 2021-04-05 / 2021-04-10
n_coad, t_exp : 1, 0.8383
median : 143.57 e
spread : 9.8993 e
created : 2023-08-21T15:57:18

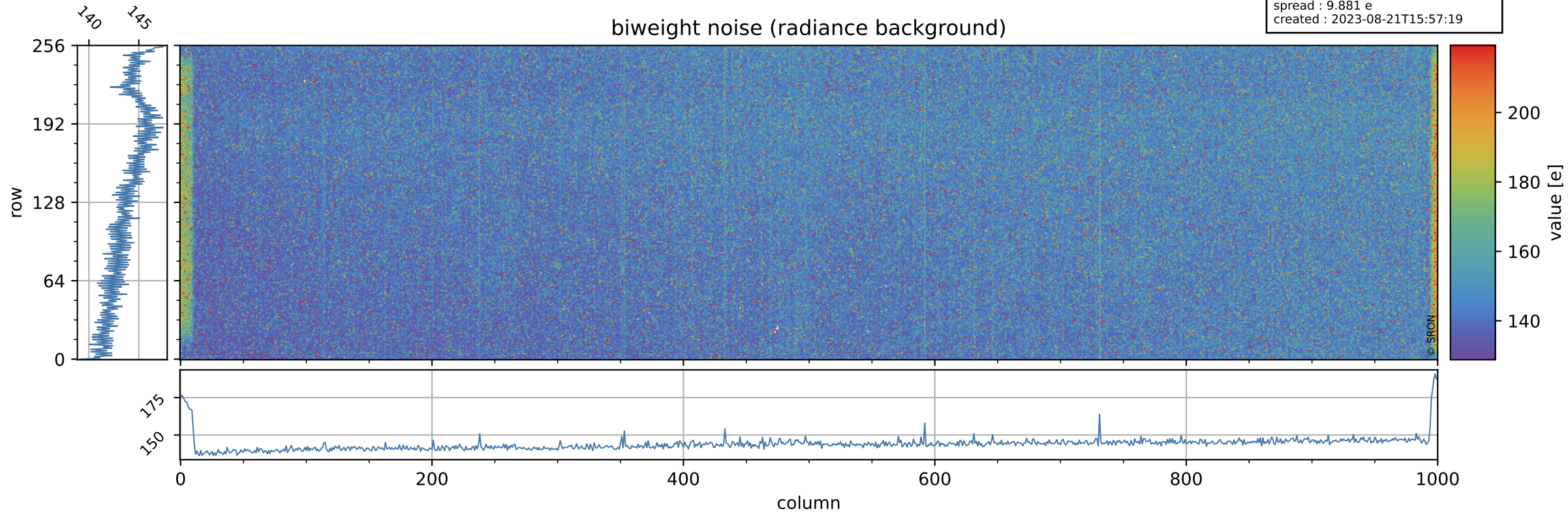
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18022, 18097]
coverage : 2021-04-05 / 2021-04-10
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.881 e
created : 2023-08-21T15:57:19

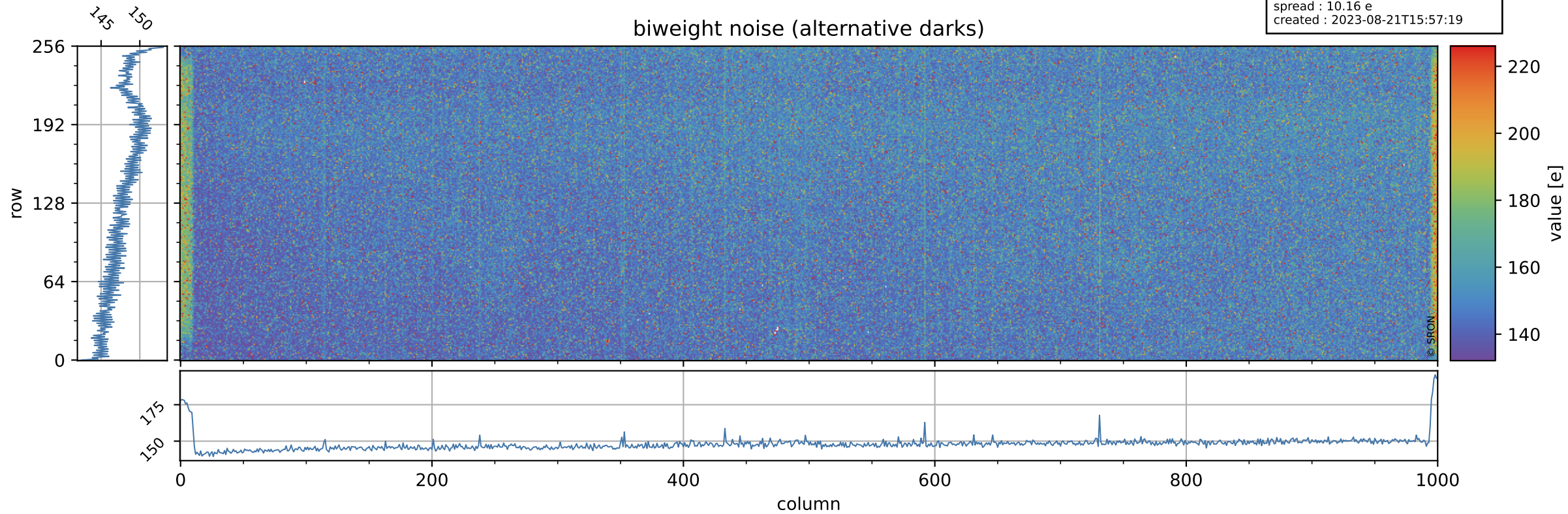
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18022, 18097]
coverage : 2021-04-05 / 2021-04-10
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.16 e
created : 2023-08-21T15:57:19

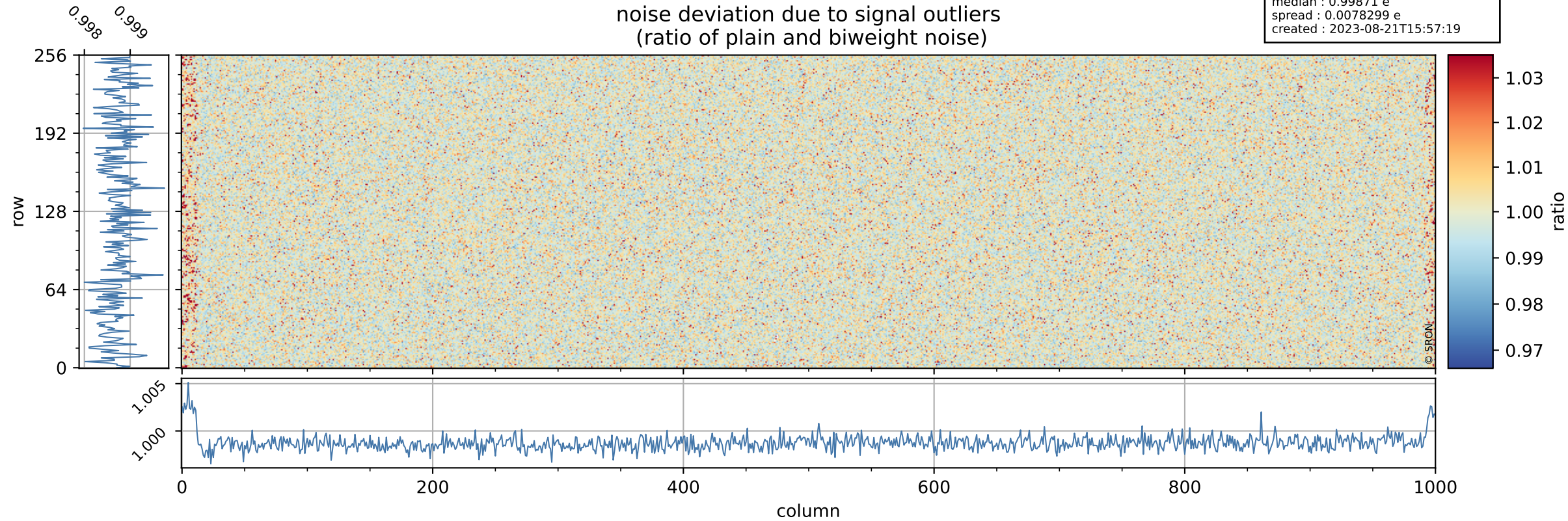
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

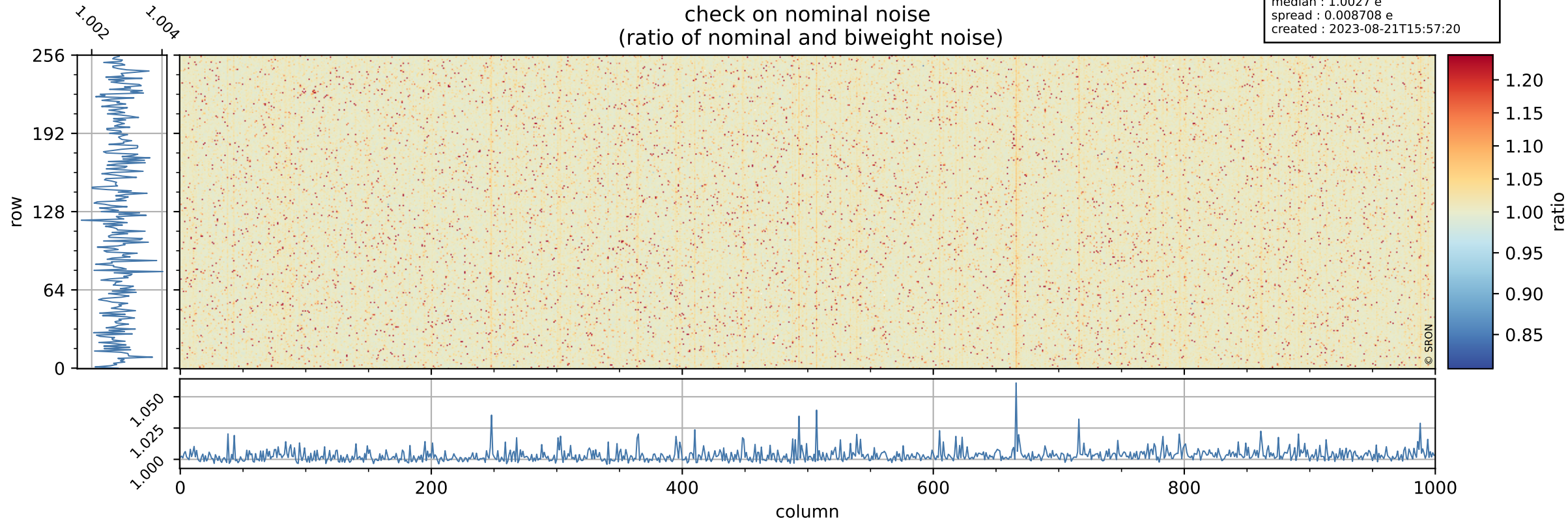
orbits : 12 in [18022, 18097]
coverage : 2021-04-05 / 2021-04-10
median : 0.99871 e
spread : 0.0078299 e
created : 2023-08-21T15:57:19



Tropomi SWIR background noise (swir)

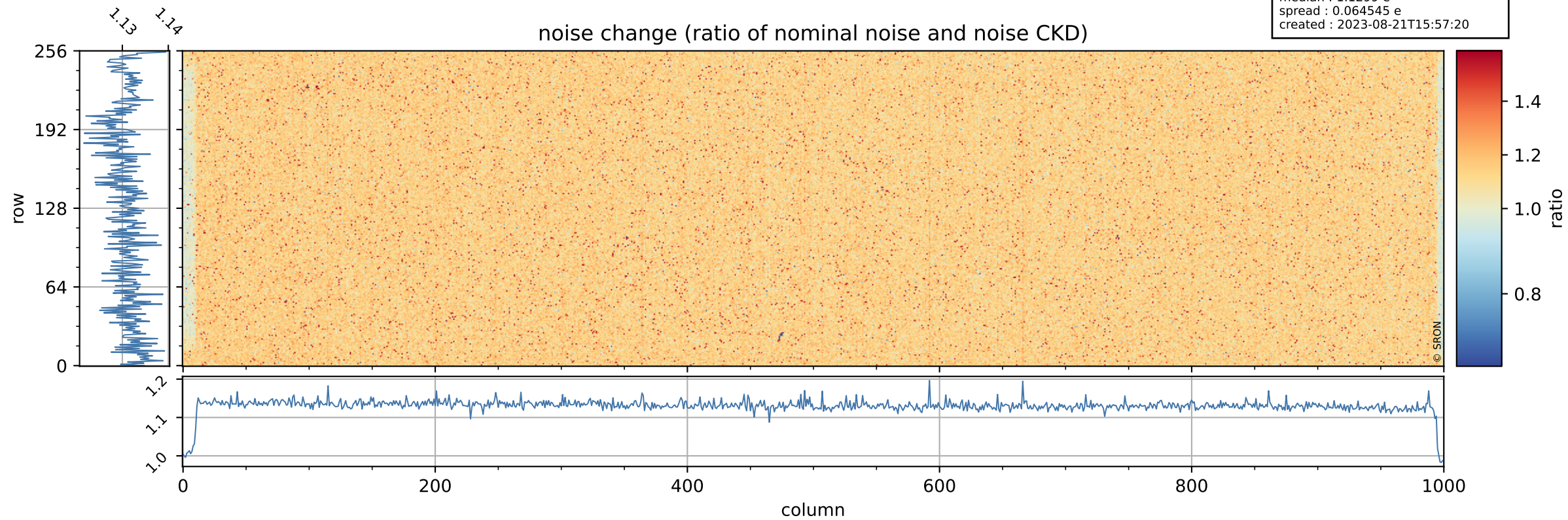
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18022, 18097]
coverage : 2021-04-05 / 2021-04-10
median : 1.0027 e
spread : 0.008708 e
created : 2023-08-21T15:57:20



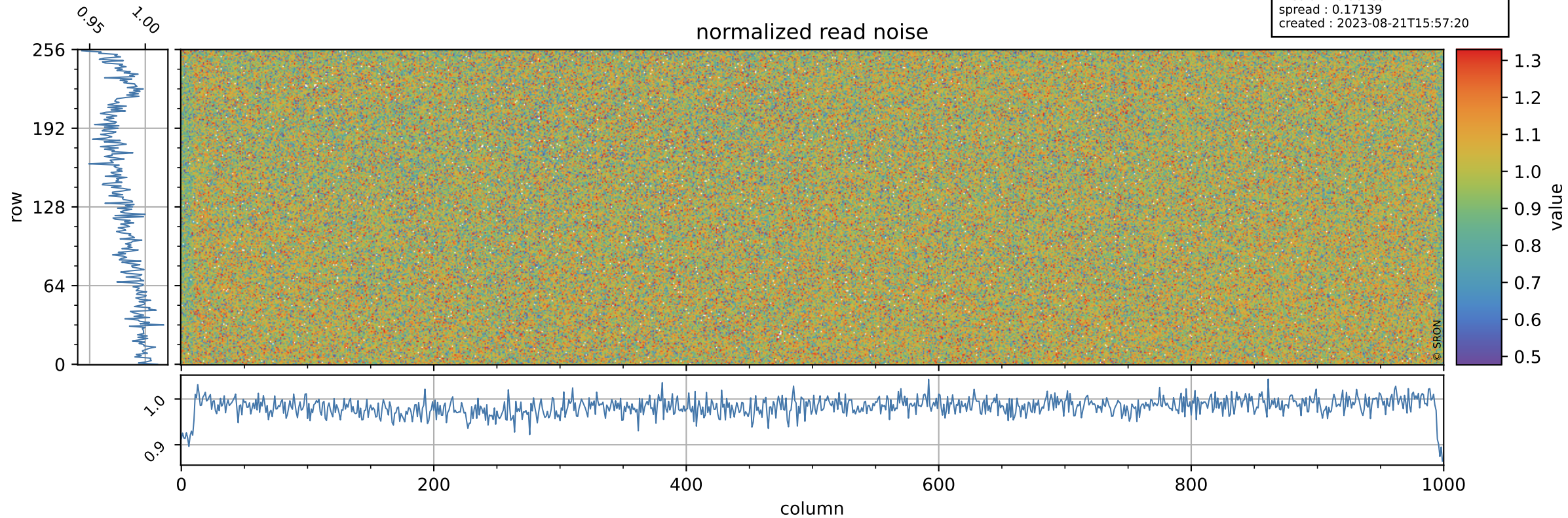
Tropomi SWIR background noise (swir)

orbits : 12 in [18022, 18097]
coverage : 2021-04-05 / 2021-04-10
median : 1.1299 e
spread : 0.064545 e
created : 2023-08-21T15:57:20



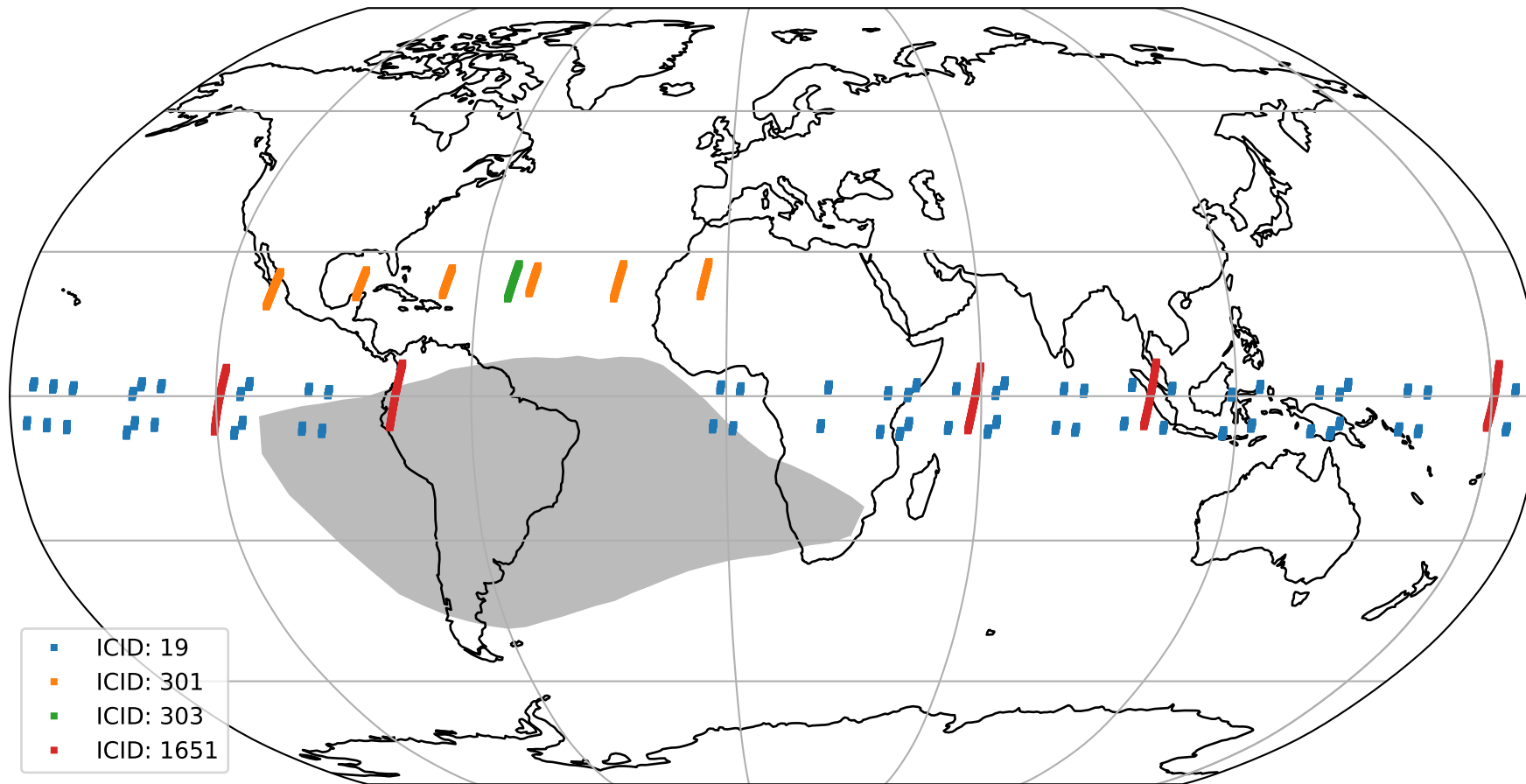
Tropomi SWIR background noise (swir)

orbits : 12 in [18022, 18097]
coverage : 2021-04-05 / 2021-04-10
median : 0.98133
spread : 0.17139
created : 2023-08-21T15:57:20



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

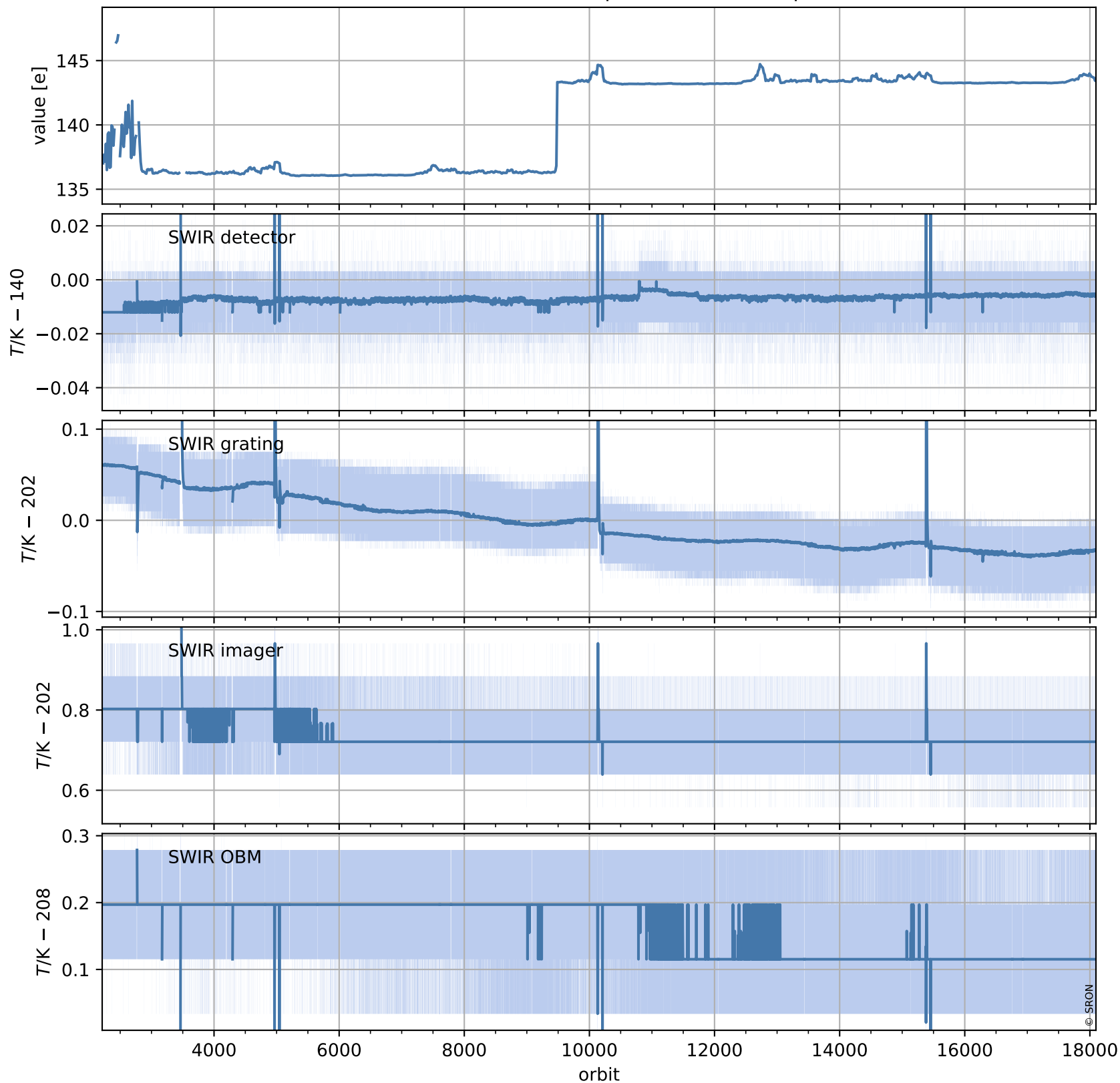
orbits : 12 in [18022, 18097]
coverage : 2021-04-05 / 2021-04-10
created : 2023-08-21T15:57:20



Tropomi SWIR background noise (swir)

orbits : [2212, 18097]
coverage : 2018-03-18 / 2021-04-10
created : 2023-08-21T15:57:21

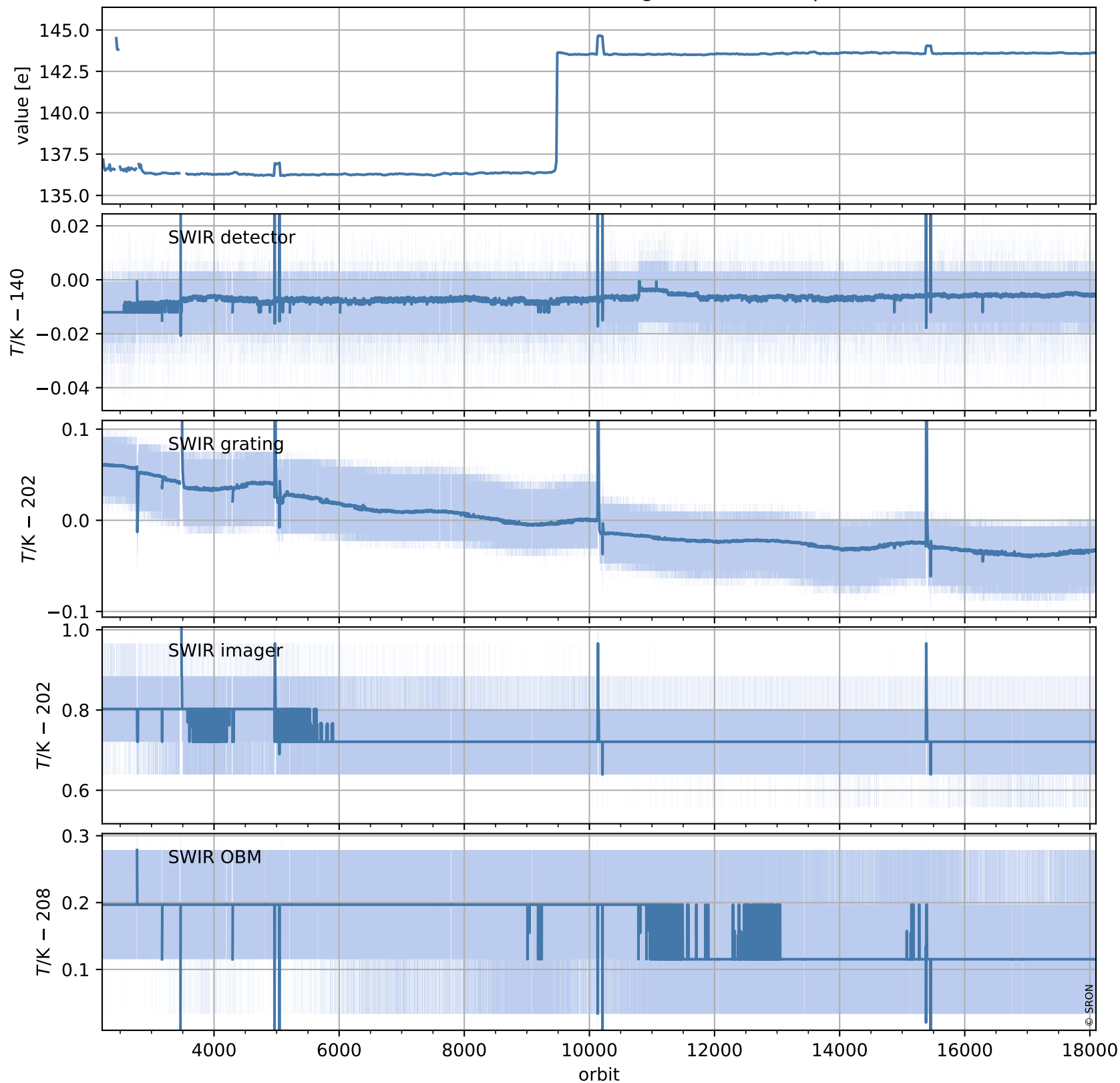
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18097]
coverage : 2018-03-18 / 2021-04-10
created : 2023-08-21T15:57:22

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18097]
coverage : 2018-03-18 / 2021-04-10
created : 2023-08-21T15:57:22

trend of normalized read-noise & temperatures

