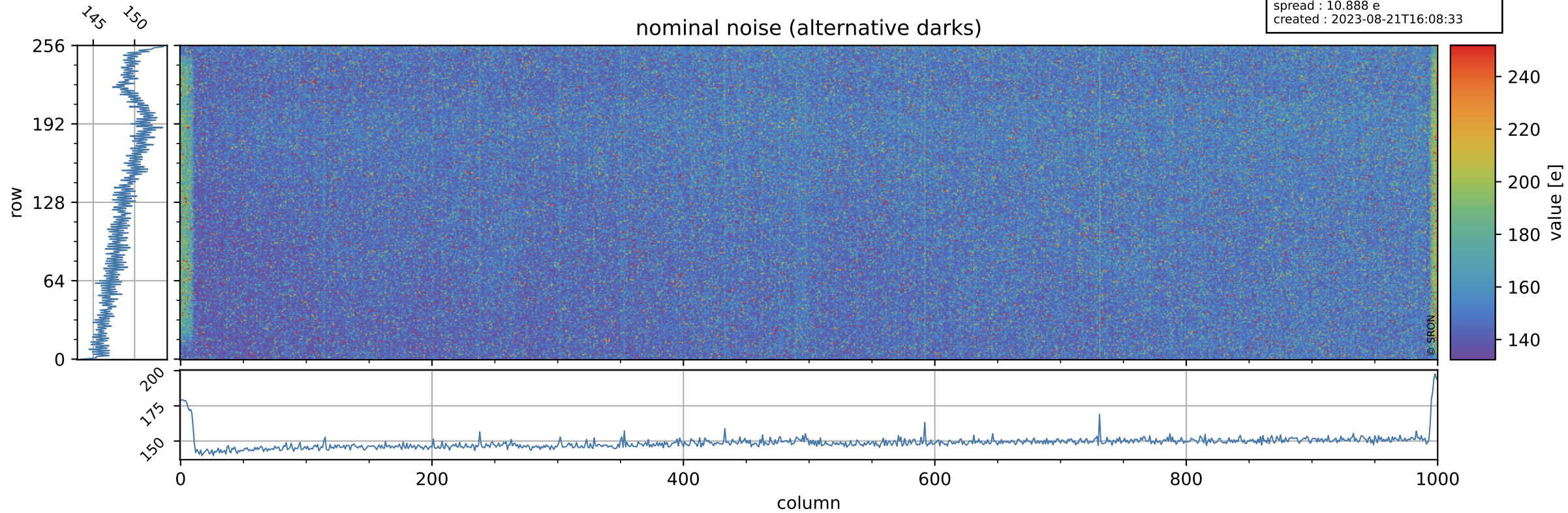


Tropomi SWIR background noise (swir)

orbits : 12 in [19882, 19972]
coverage : 2021-08-15 / 2021-08-20
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.888 e
created : 2023-08-21T16:08:33

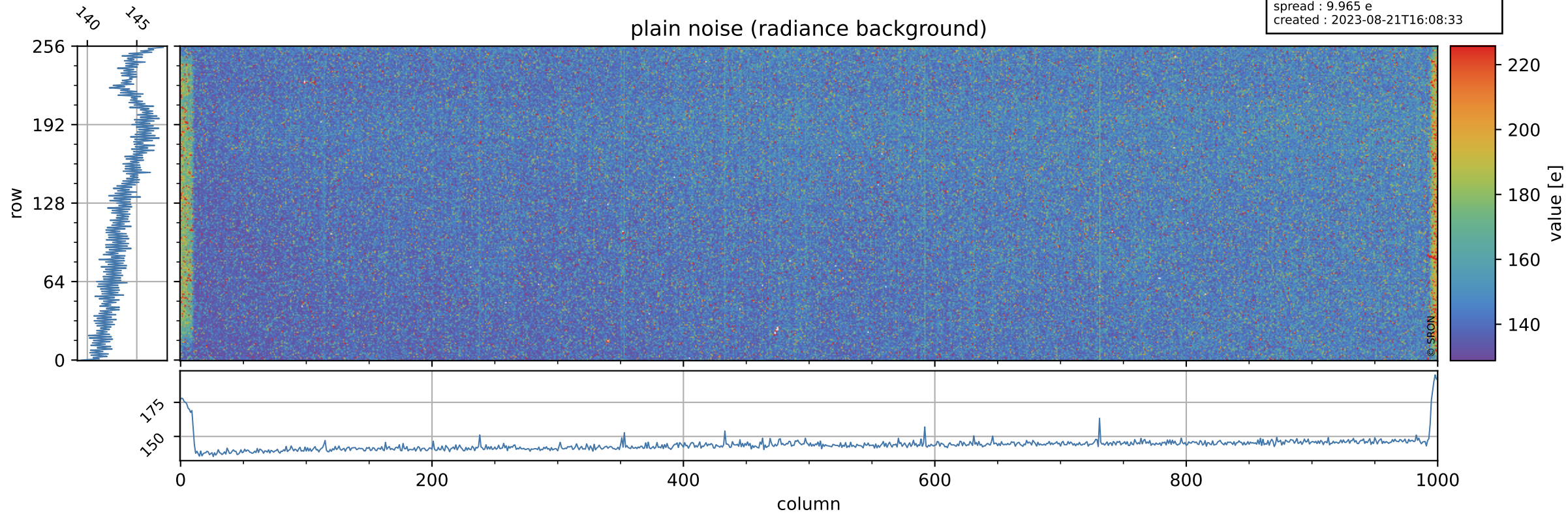
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19882, 19972]
coverage : 2021-08-15 / 2021-08-20
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.965 e
created : 2023-08-21T16:08:33

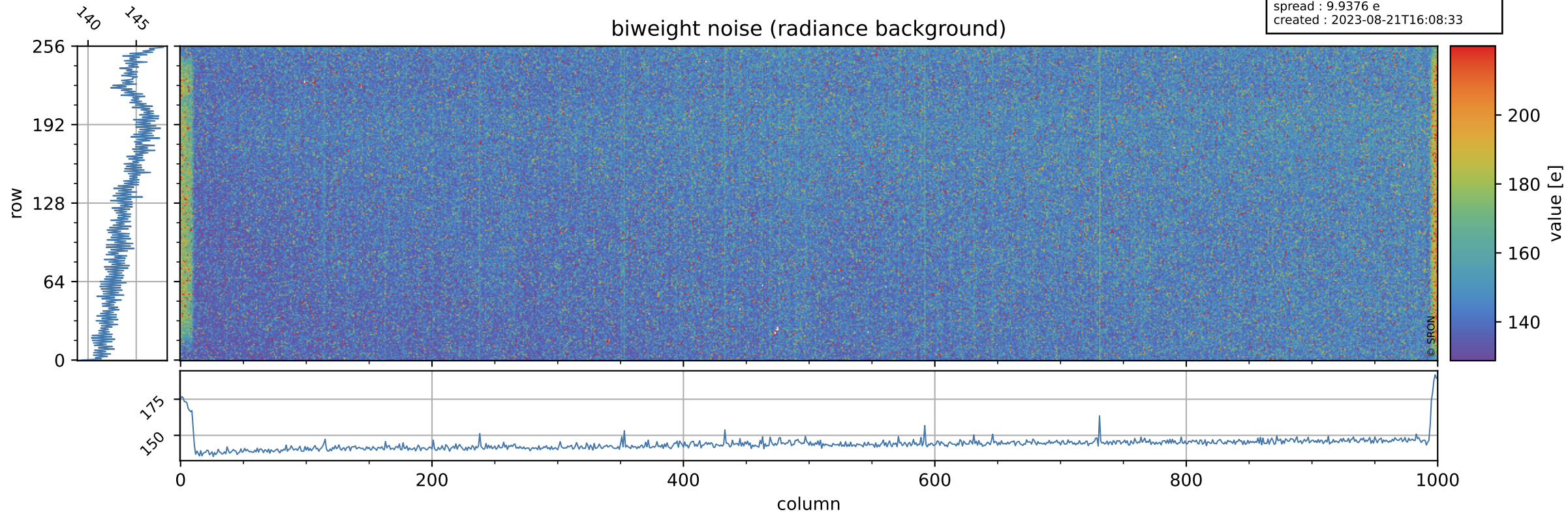
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19882, 19972]
coverage : 2021-08-15 / 2021-08-20
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9376 e
created : 2023-08-21T16:08:33

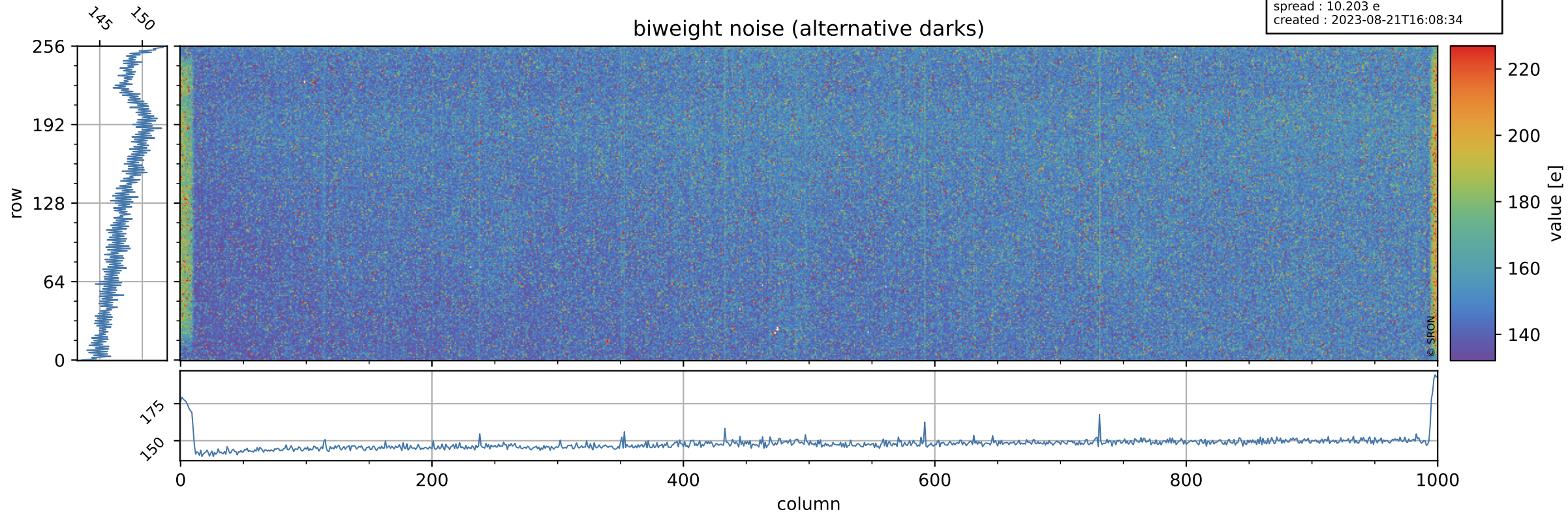
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19882, 19972]
coverage : 2021-08-15 / 2021-08-20
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.203 e
created : 2023-08-21T16:08:34

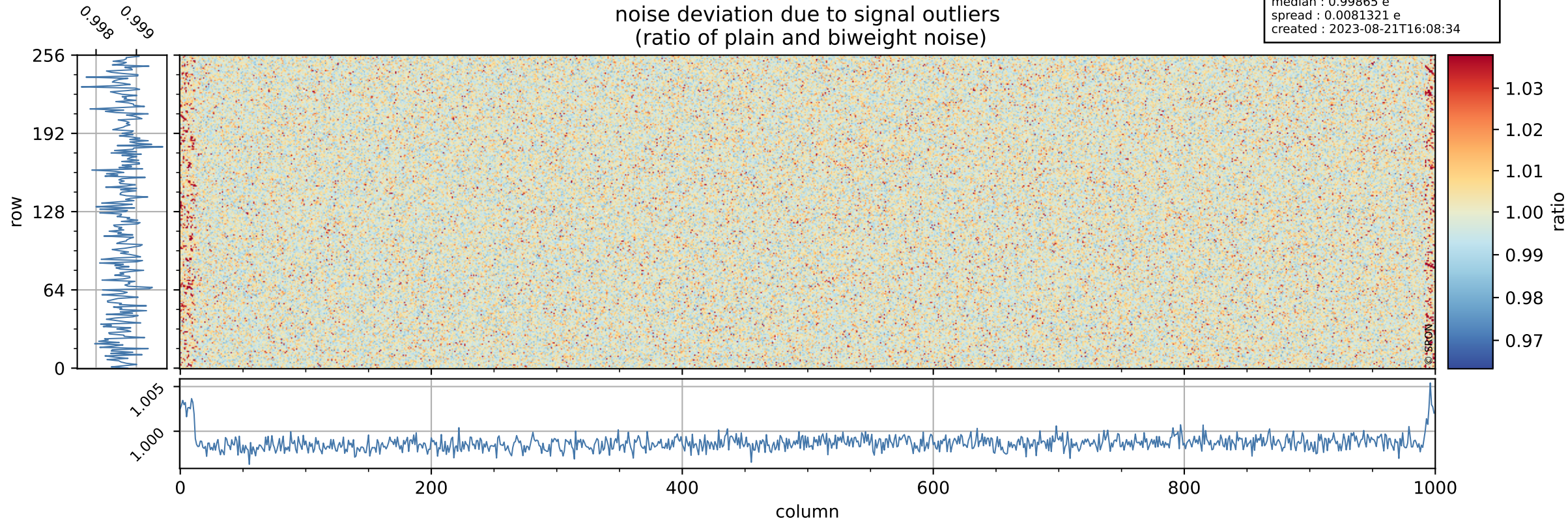
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

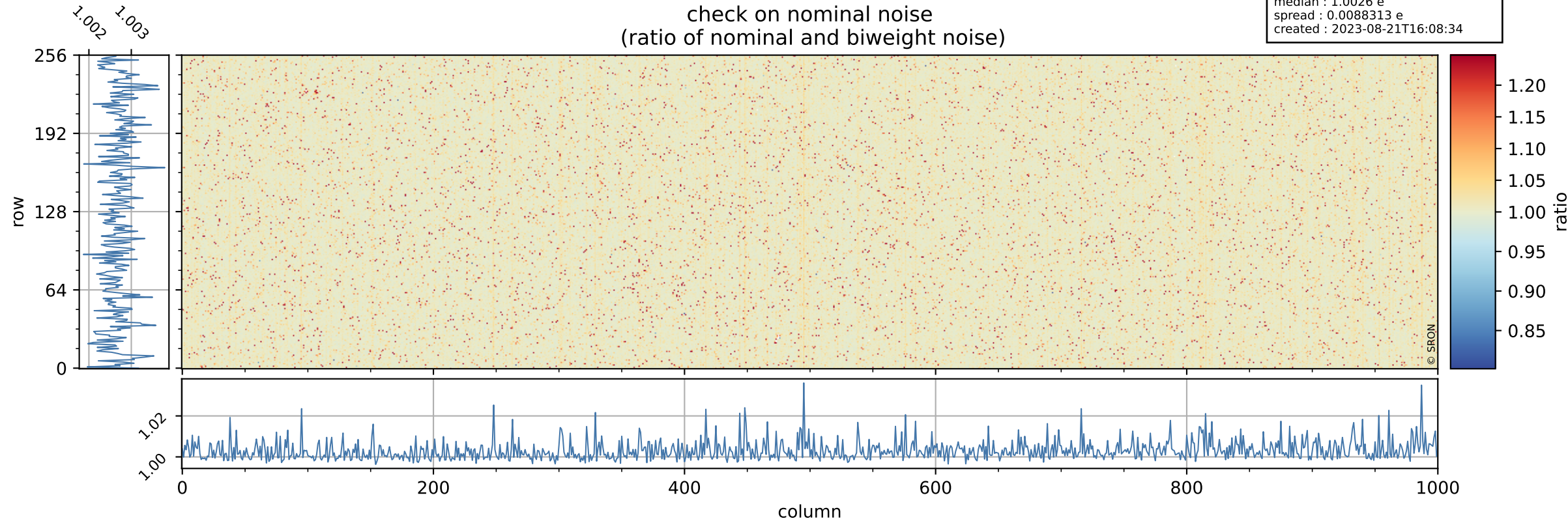
orbits : 12 in [19882, 19972]
coverage : 2021-08-15 / 2021-08-20
median : 0.99865 e
spread : 0.0081321 e
created : 2023-08-21T16:08:34



Tropomi SWIR background noise (swir)

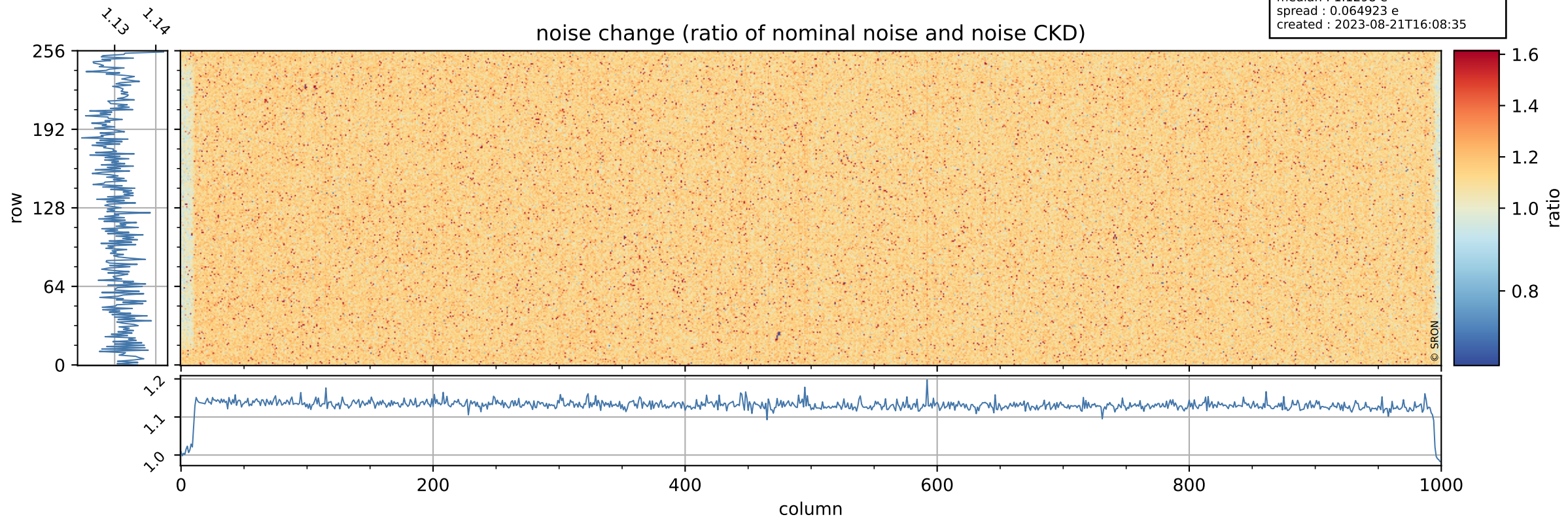
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19882, 19972]
coverage : 2021-08-15 / 2021-08-20
median : 1.0026 e
spread : 0.0088313 e
created : 2023-08-21T16:08:34



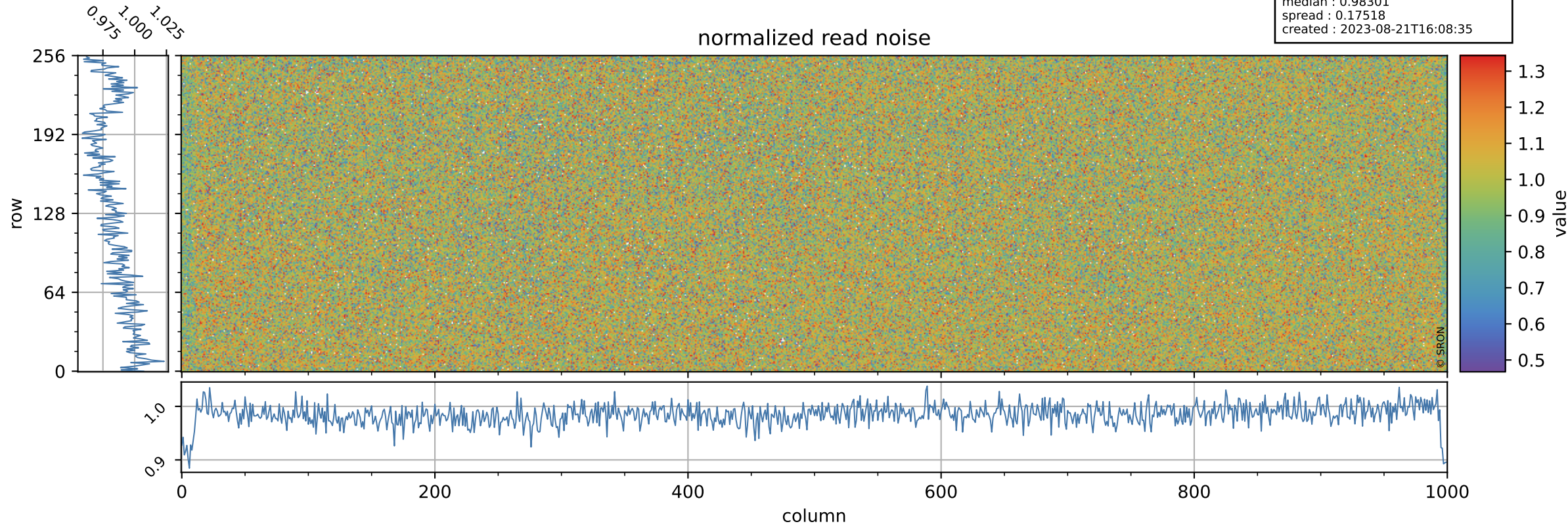
Tropomi SWIR background noise (swir)

orbits : 12 in [19882, 19972]
coverage : 2021-08-15 / 2021-08-20
median : 1.1298 e
spread : 0.064923 e
created : 2023-08-21T16:08:35



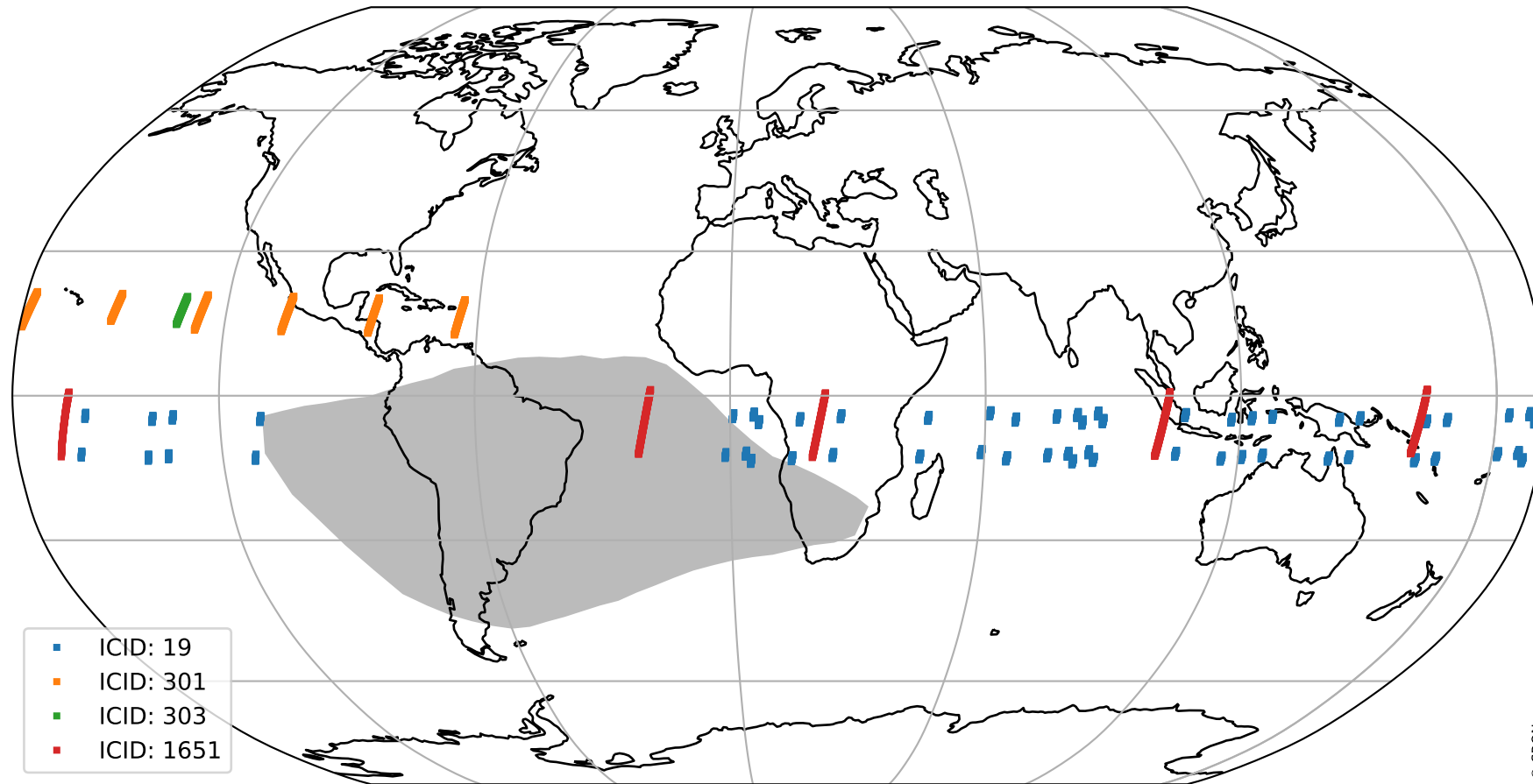
Tropomi SWIR background noise (swir)

orbits : 12 in [19882, 19972]
coverage : 2021-08-15 / 2021-08-20
median : 0.98301
spread : 0.17518
created : 2023-08-21T16:08:35



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

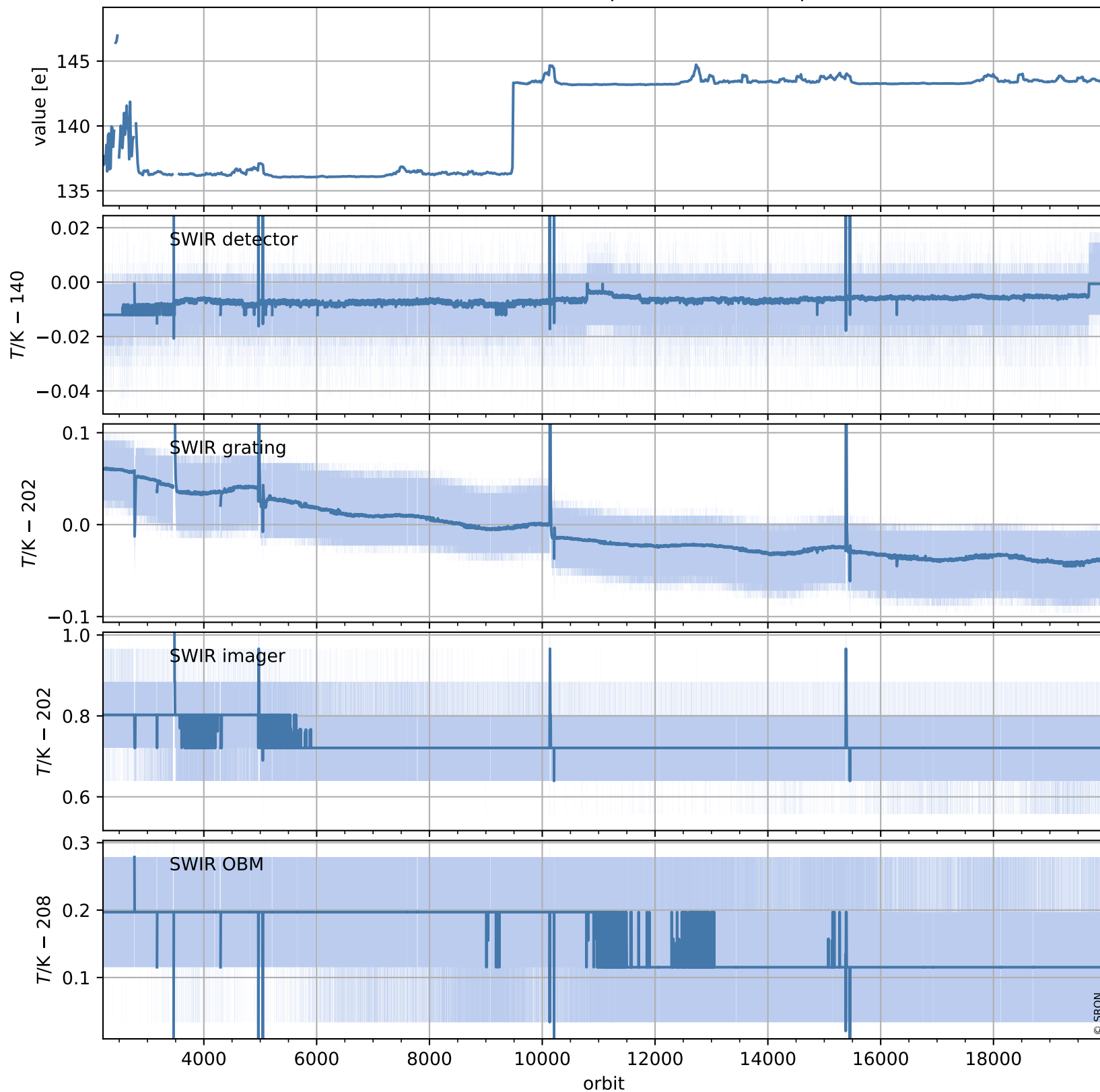
orbits : 12 in [19882, 19972]
coverage : 2021-08-15 / 2021-08-20
created : 2023-08-21T16:08:35



Tropomi SWIR background noise (swir)

orbits : [2212, 19972]
coverage : 2018-03-18 / 2021-08-20
created : 2023-08-21T16:08:36

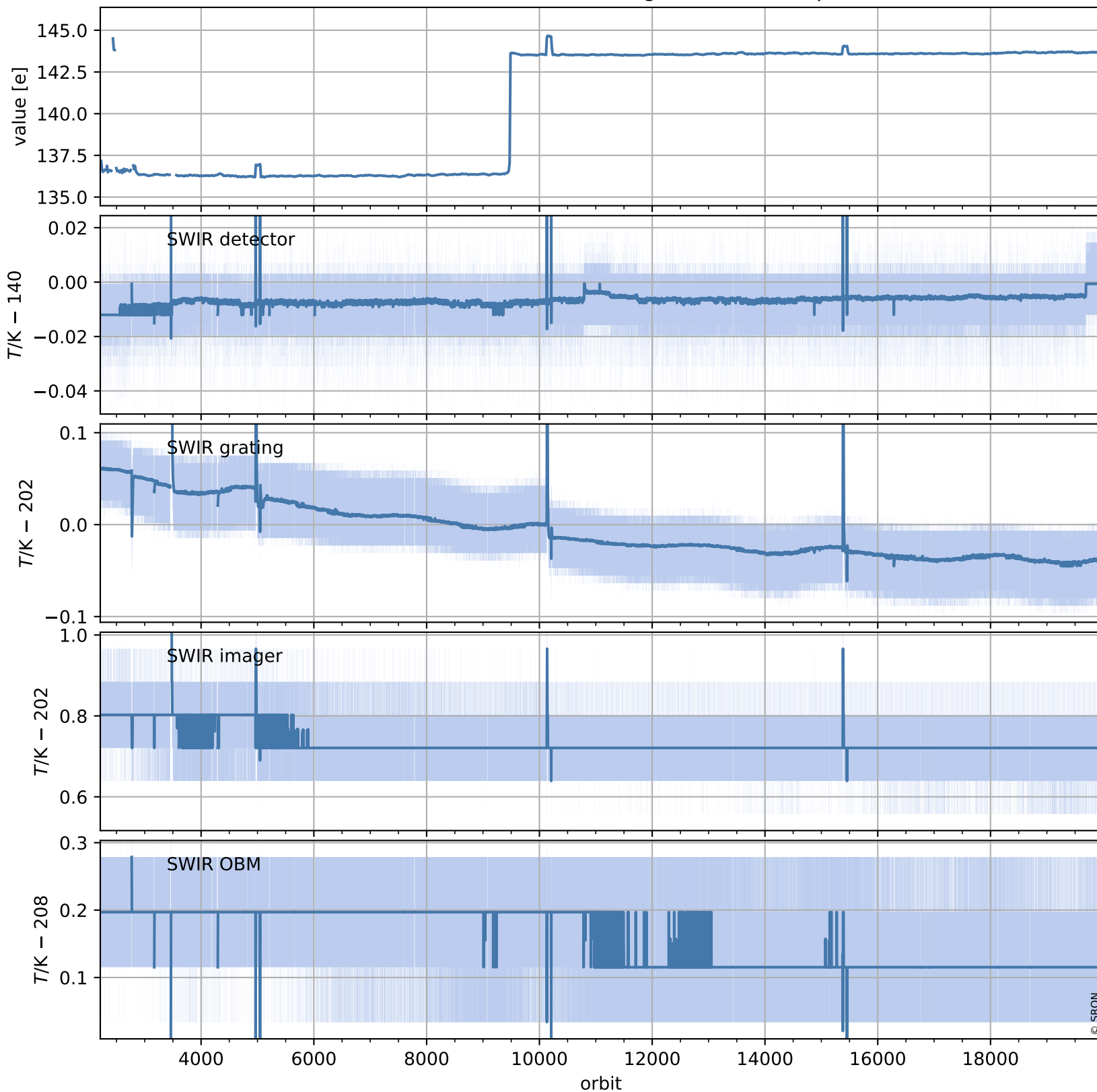
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19972]
coverage : 2018-03-18 / 2021-08-20
created : 2023-08-21T16:08:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19972]
coverage : 2018-03-18 / 2021-08-20
created : 2023-08-21T16:08:37

trend of normalized read-noise & temperatures

