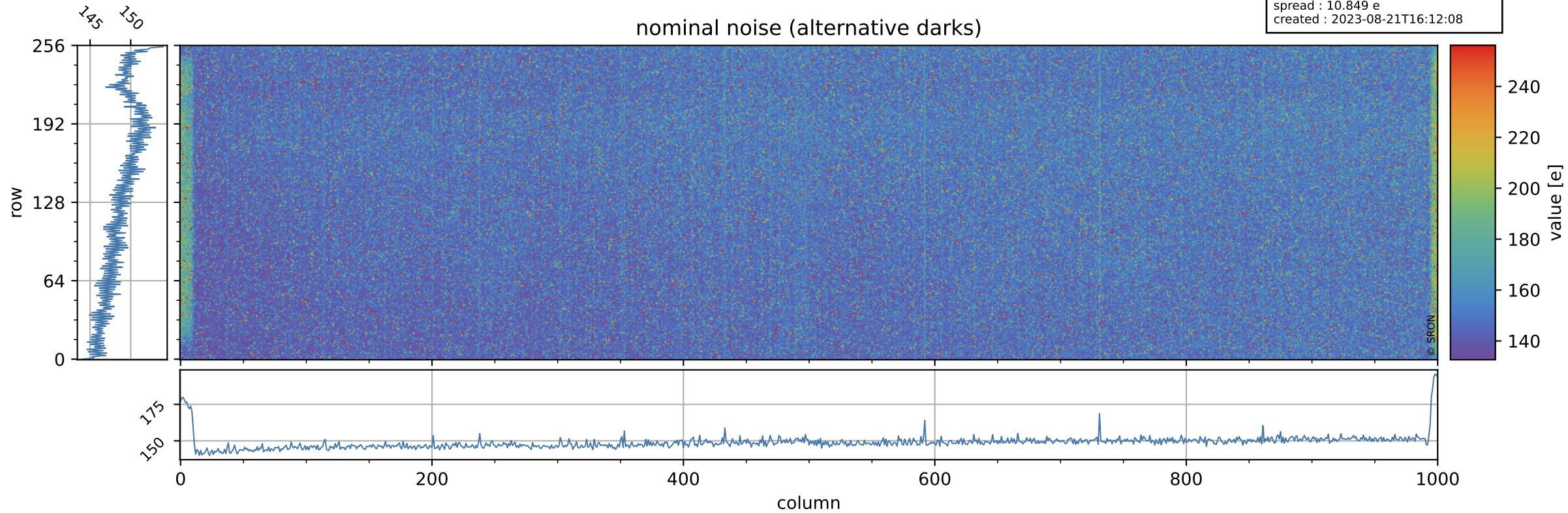


Tropomi SWIR background noise (swir)

orbits : 13 in [20467, 20557]
coverage : 2021-09-25 / 2021-10-01
n_coad, t_exp : 1, 1.0783
median : 148.73 e
spread : 10.849 e
created : 2023-08-21T16:12:08

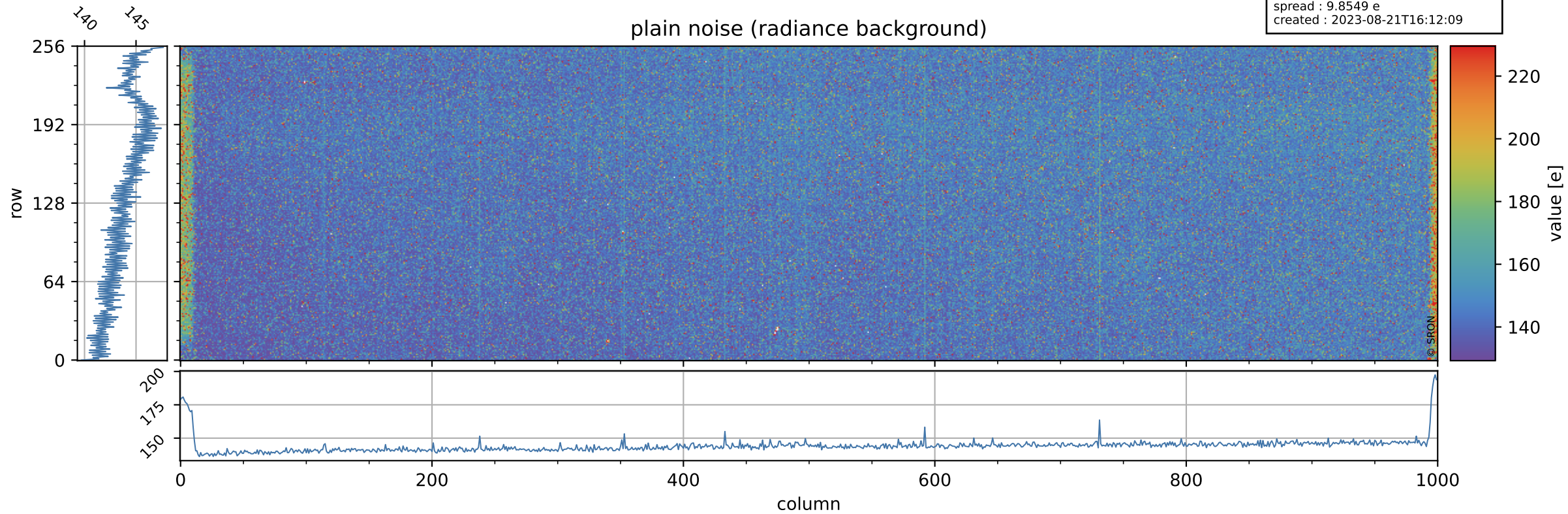
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [20467, 20557]
coverage : 2021-09-25 / 2021-10-01
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.8549 e
created : 2023-08-21T16:12:09

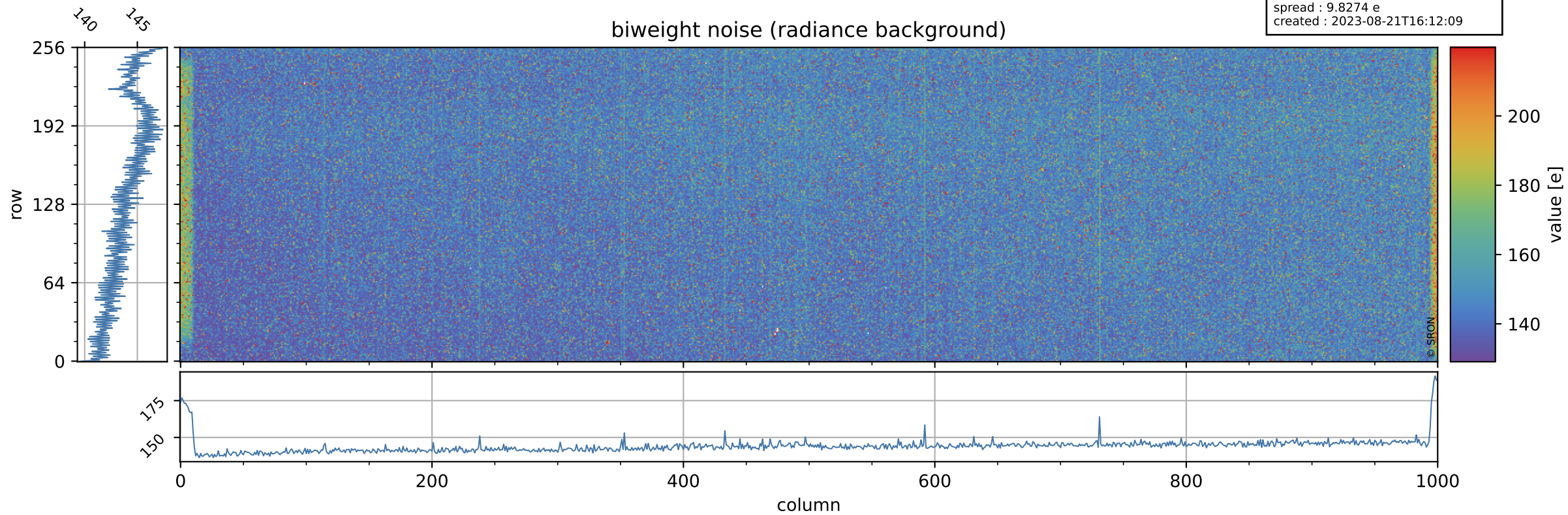
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [20467, 20557]
coverage : 2021-09-25 / 2021-10-01
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.8274 e
created : 2023-08-21T16:12:09

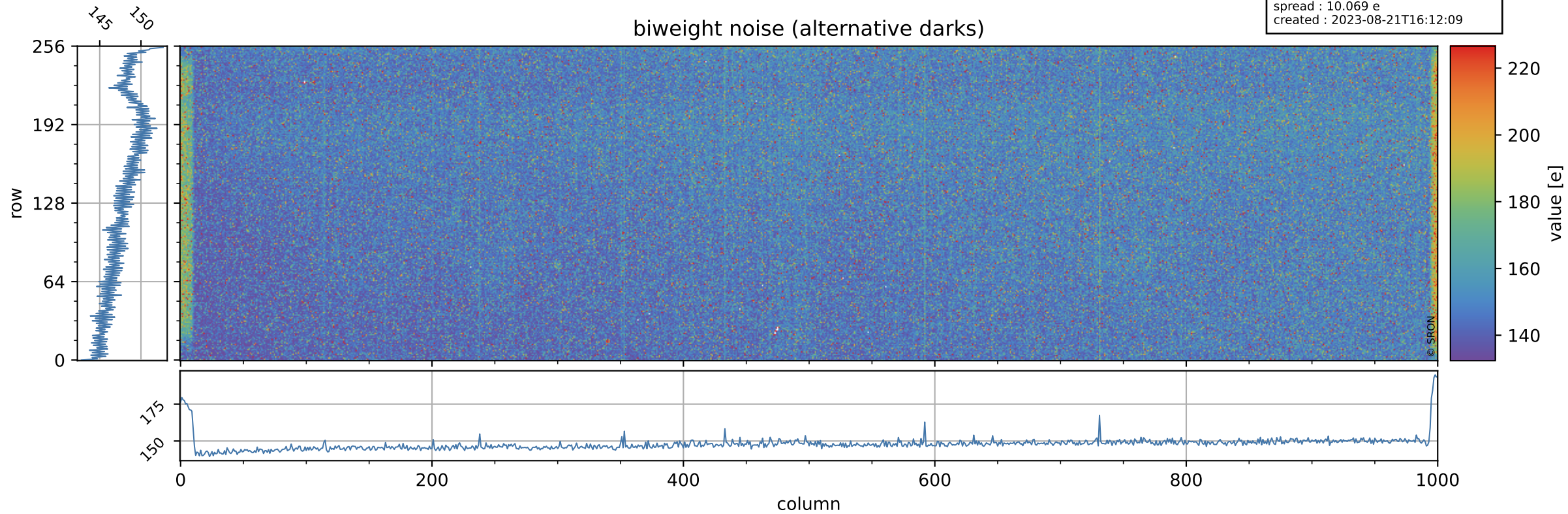
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [20467, 20557]
coverage : 2021-09-25 / 2021-10-01
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.069 e
created : 2023-08-21T16:12:09

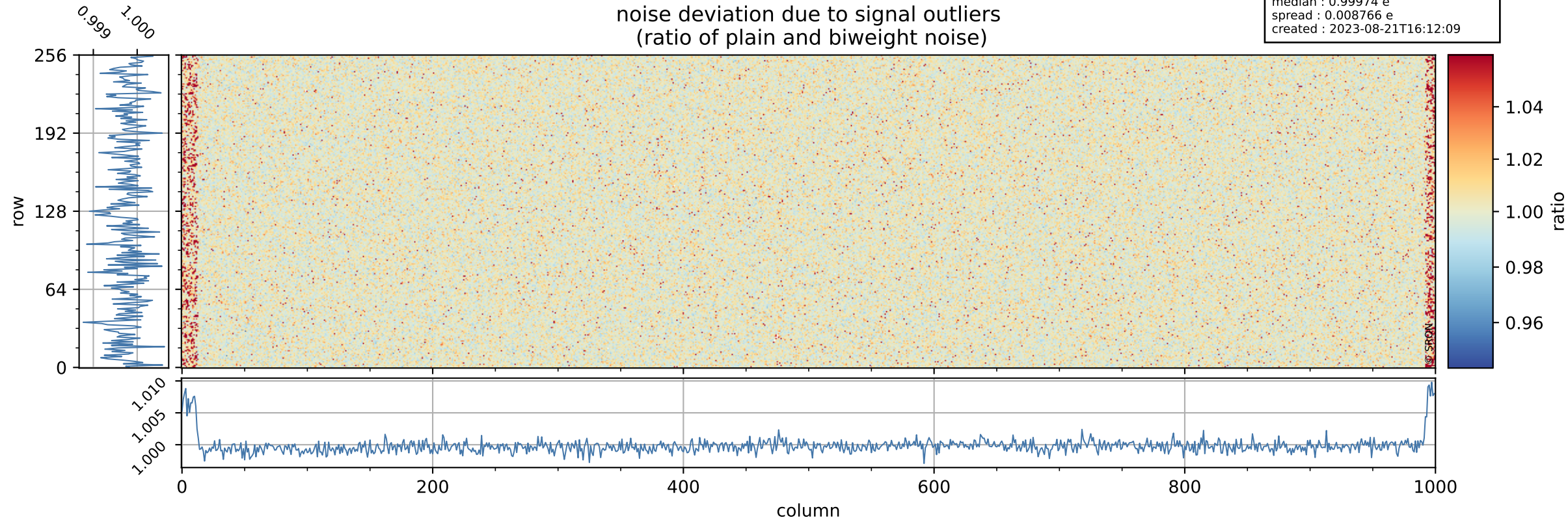
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

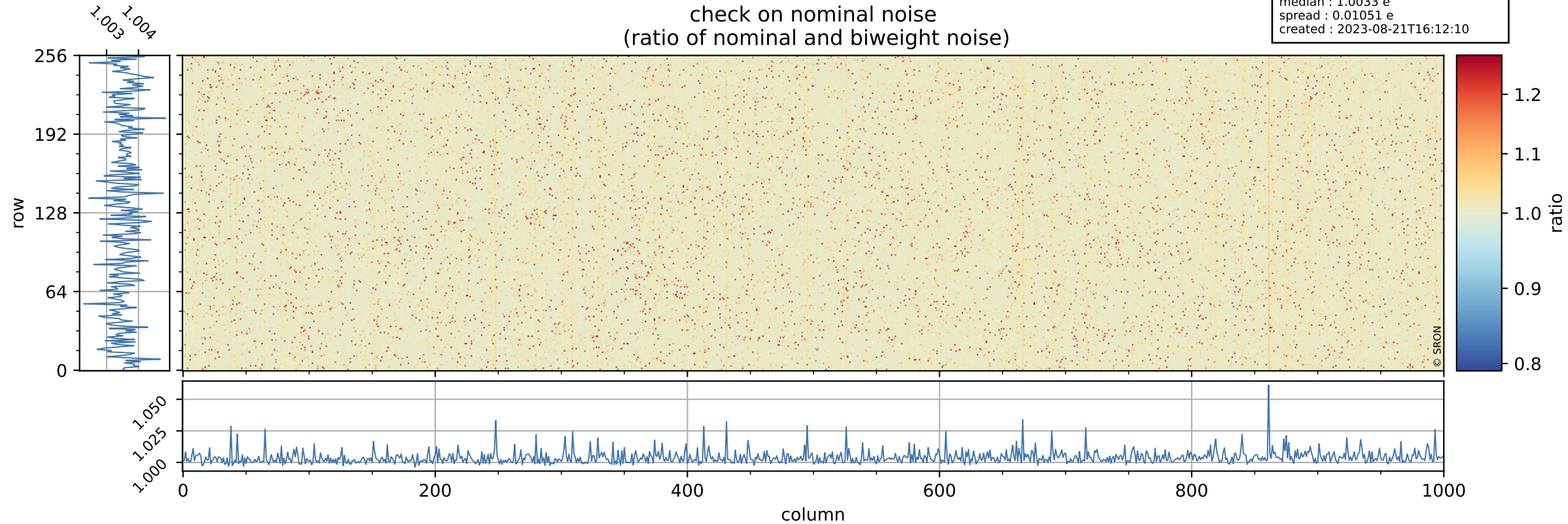
orbits : 13 in [20467, 20557]
coverage : 2021-09-25 / 2021-10-01
median : 0.99974 e
spread : 0.008766 e
created : 2023-08-21T16:12:09



Tropomi SWIR background noise (swir)

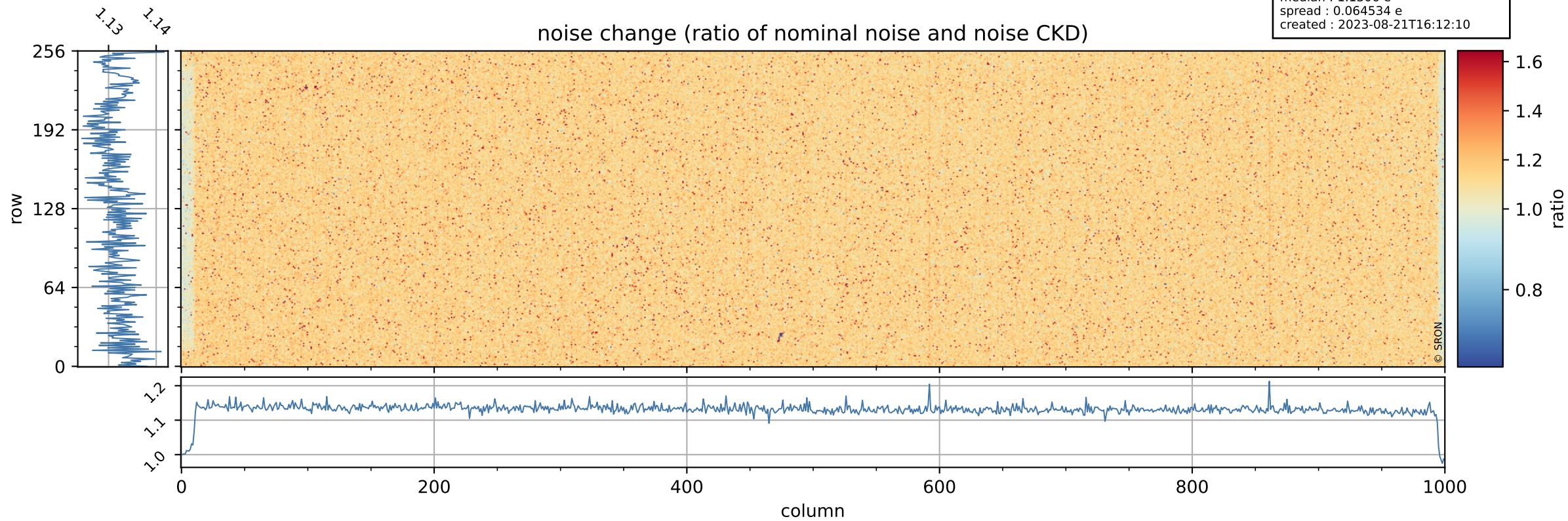
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [20467, 20557]
coverage : 2021-09-25 / 2021-10-01
median : 1.0033 e
spread : 0.01051 e
created : 2023-08-21T16:12:10



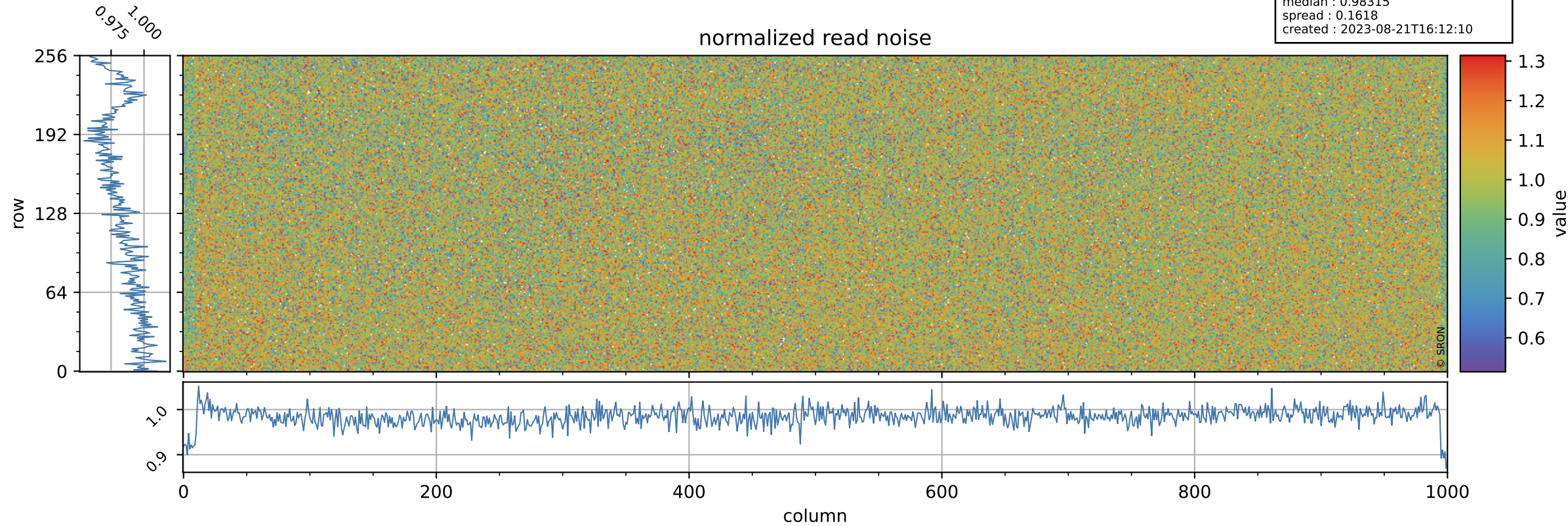
Tropomi SWIR background noise (swir)

orbits : 13 in [20467, 20557]
coverage : 2021-09-25 / 2021-10-01
median : 1.1306 e
spread : 0.064534 e
created : 2023-08-21T16:12:10



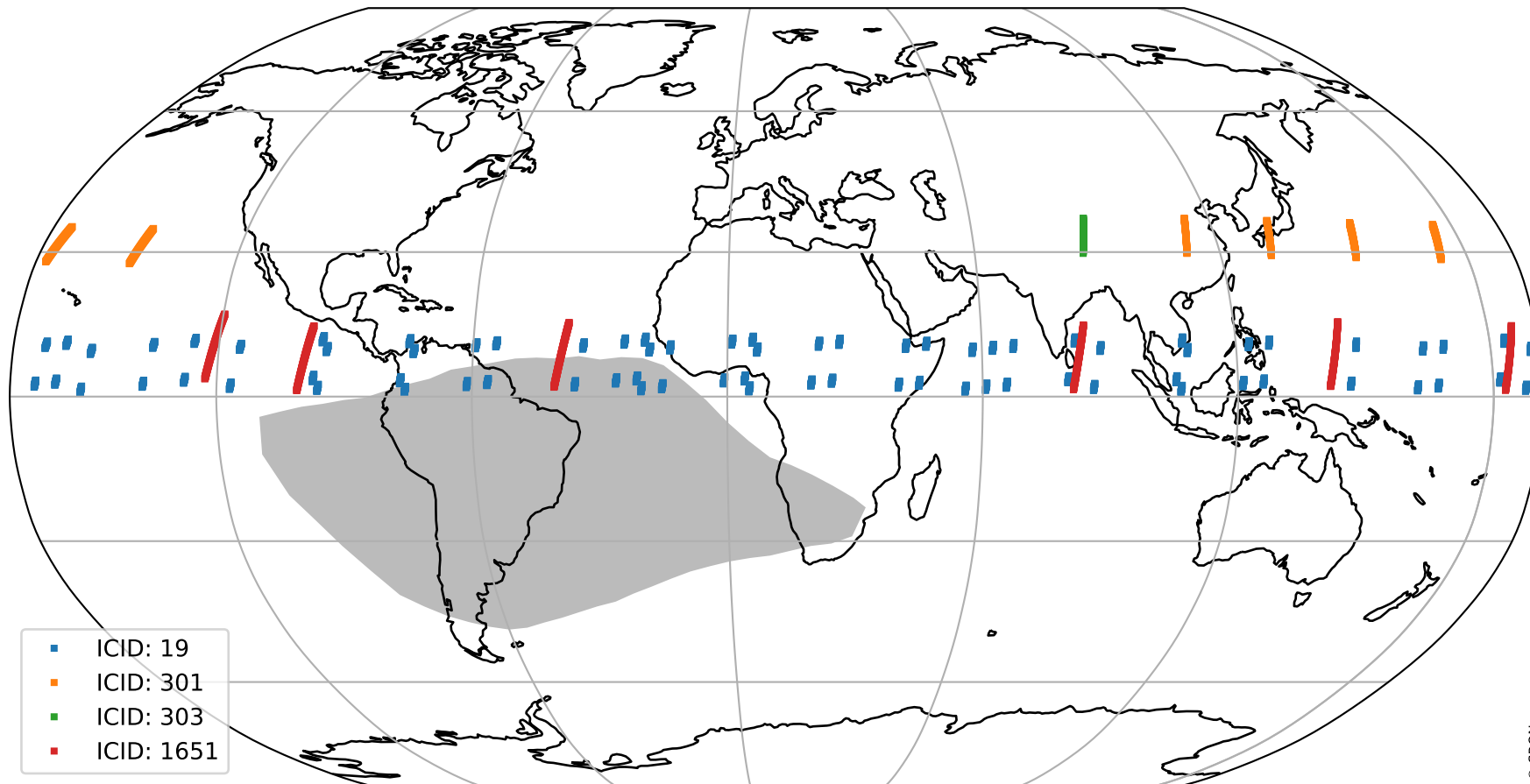
Tropomi SWIR background noise (swir)

orbits : 13 in [20467, 20557]
coverage : 2021-09-25 / 2021-10-01
median : 0.98315
spread : 0.1618
created : 2023-08-21T16:12:10



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

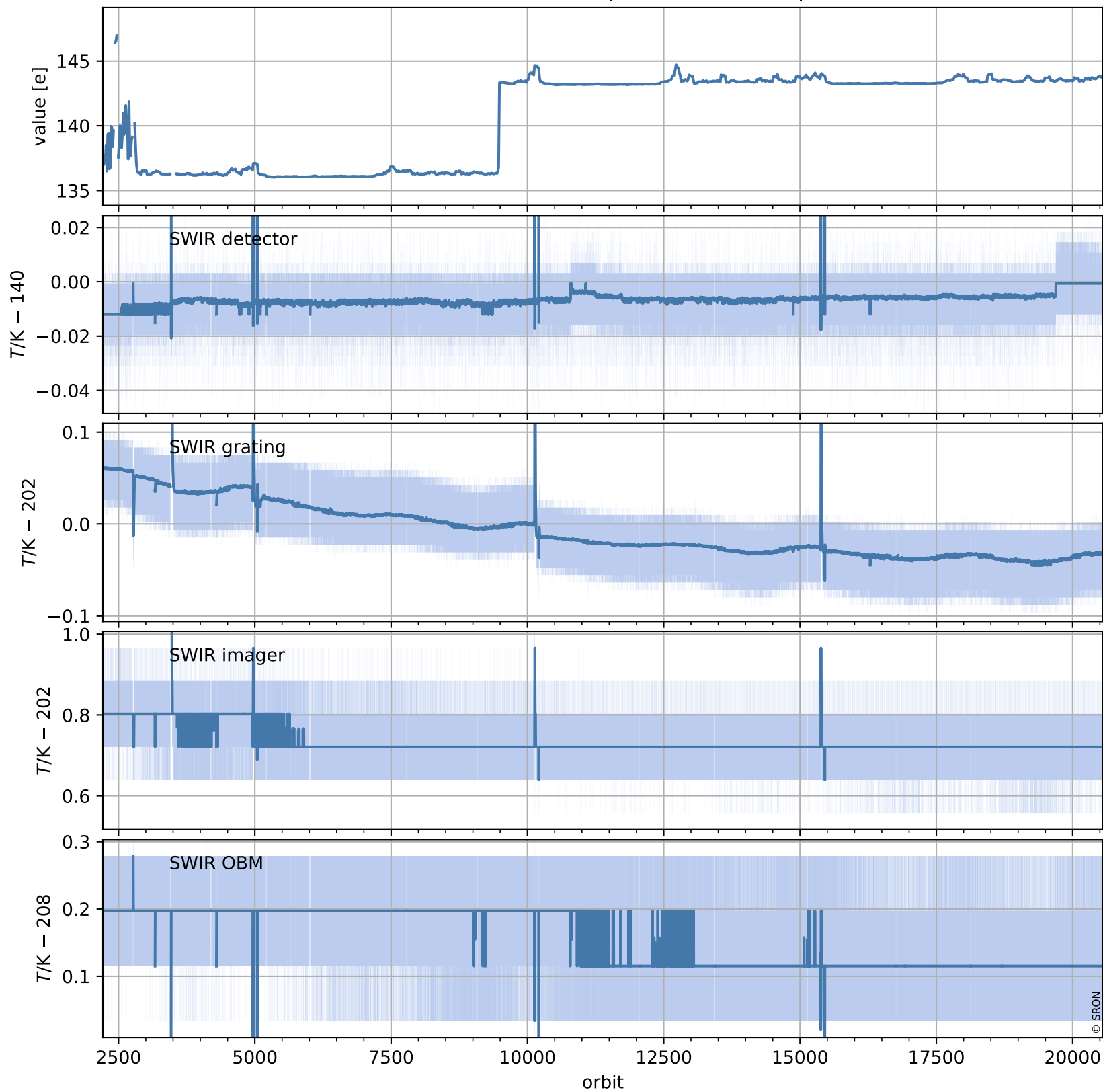
orbits : 13 in [20467, 20557]
coverage : 2021-09-25 / 2021-10-01
created : 2023-08-21T16:12:11



Tropomi SWIR background noise (swir)

orbits : [2212, 20557]
coverage : 2018-03-18 / 2021-10-01
created : 2023-08-21T16:12:11

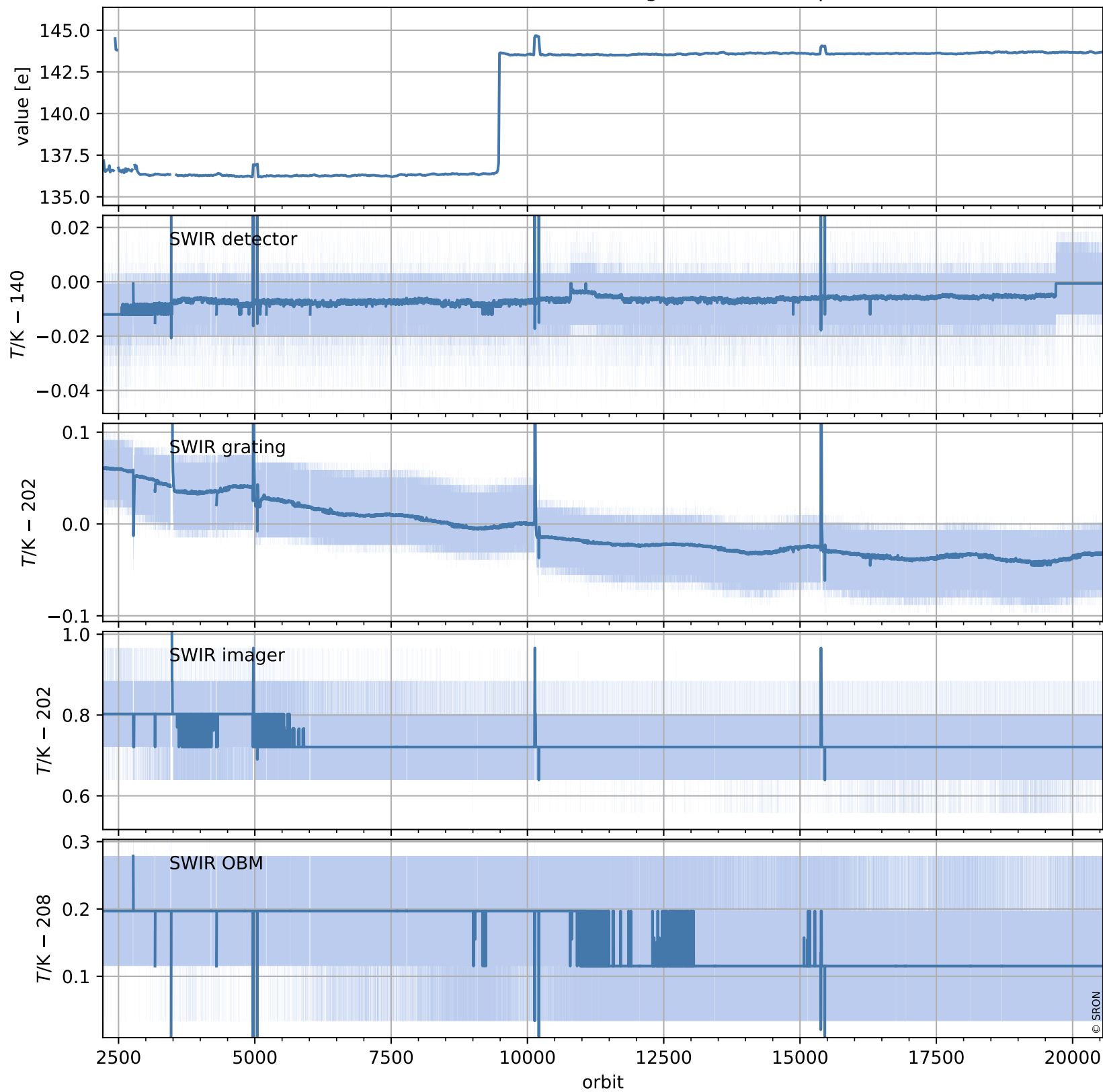
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20557]
coverage : 2018-03-18 / 2021-10-01
created : 2023-08-21T16:12:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20557]
coverage : 2018-03-18 / 2021-10-01
created : 2023-08-21T16:12:13

trend of normalized read-noise & temperatures

