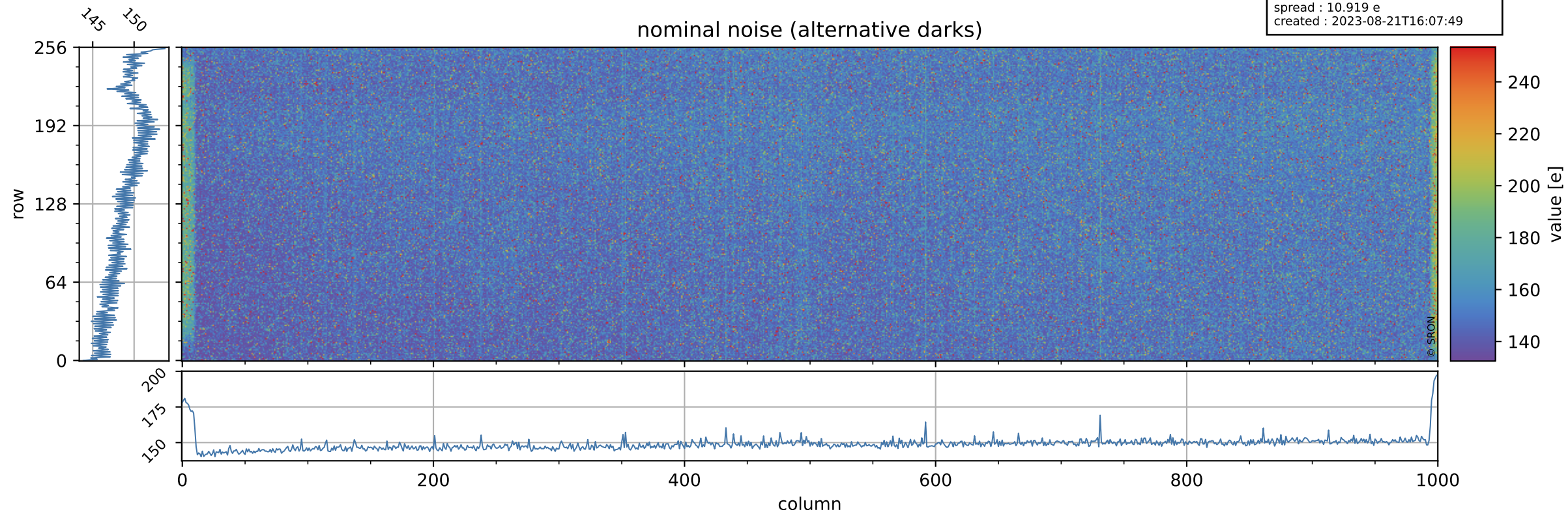


Tropomi SWIR background noise (swir)

orbits : 12 in [19762, 19852]
coverage : 2021-08-06 / 2021-08-12
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 10.919 e
created : 2023-08-21T16:07:49

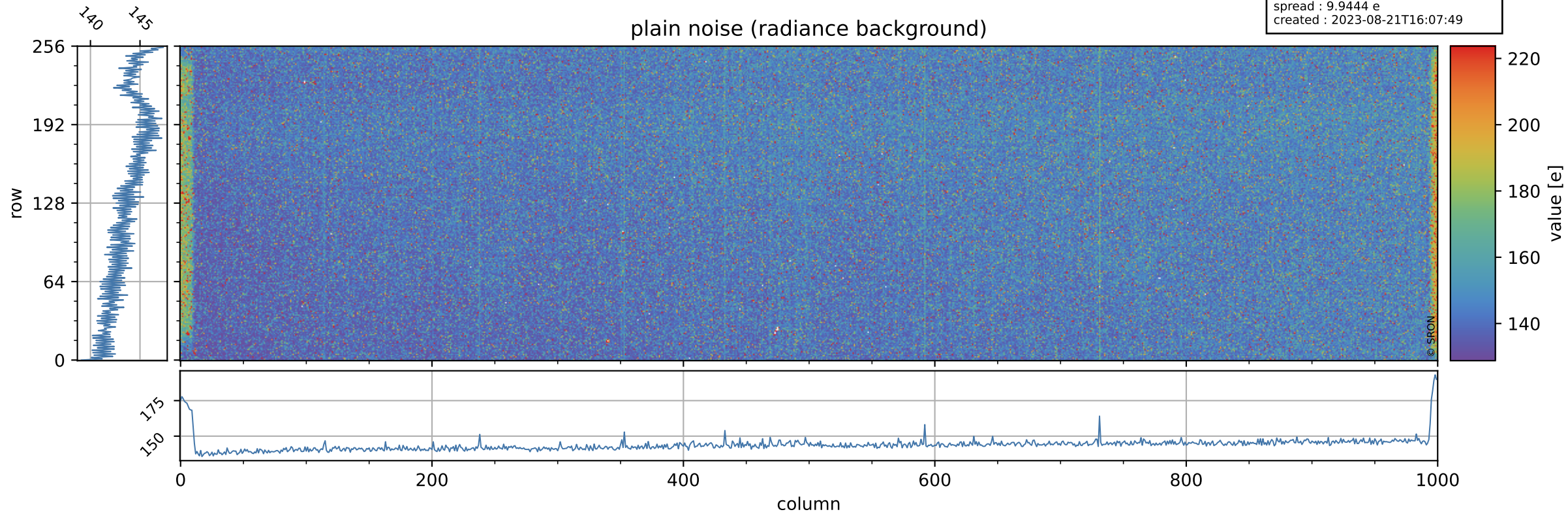
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19762, 19852]
coverage : 2021-08-06 / 2021-08-12
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 9.9444 e
created : 2023-08-21T16:07:49

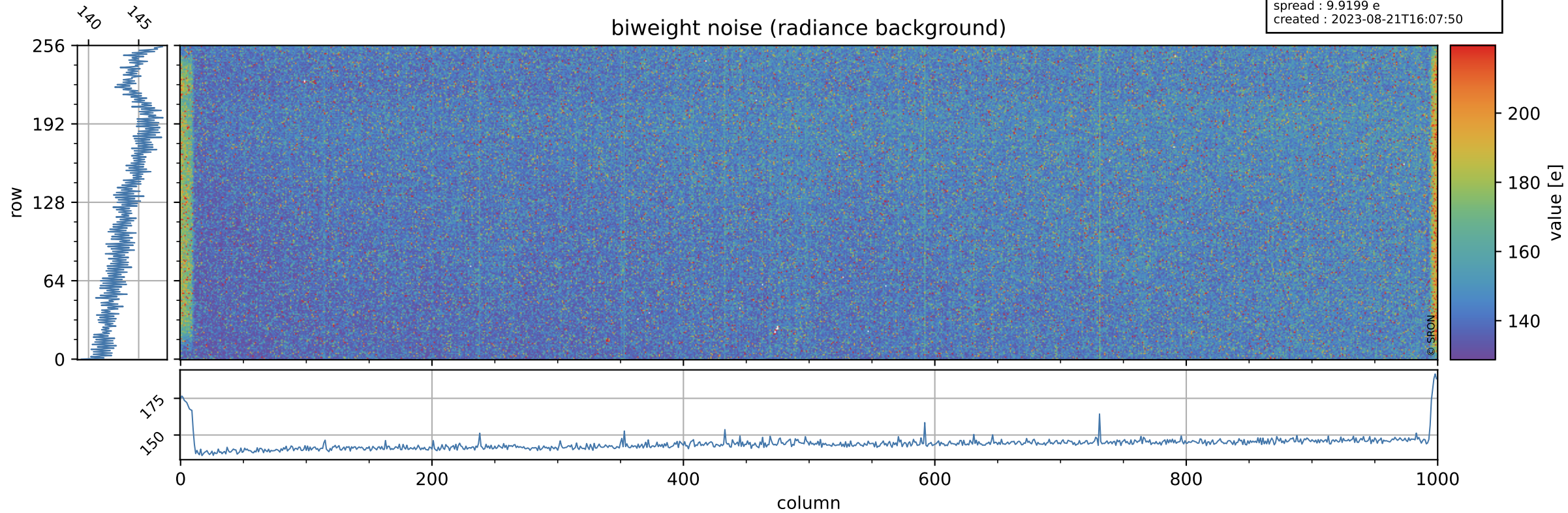
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19762, 19852]
coverage : 2021-08-06 / 2021-08-12
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9199 e
created : 2023-08-21T16:07:50

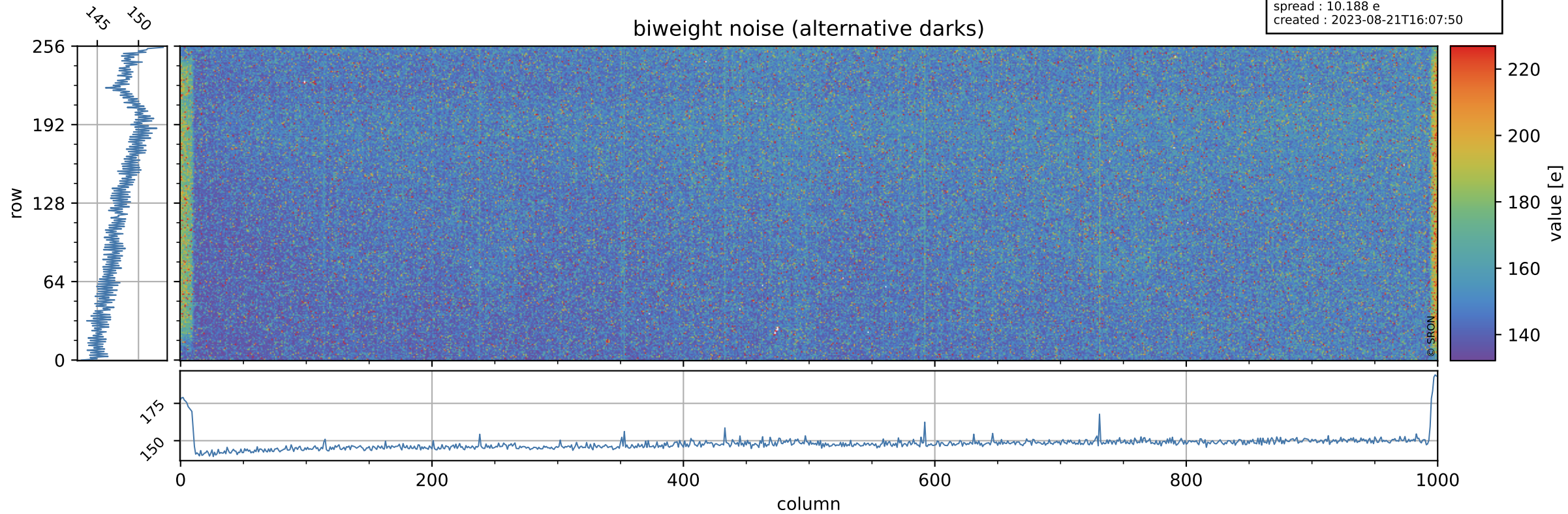
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19762, 19852]
coverage : 2021-08-06 / 2021-08-12
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.188 e
created : 2023-08-21T16:07:50

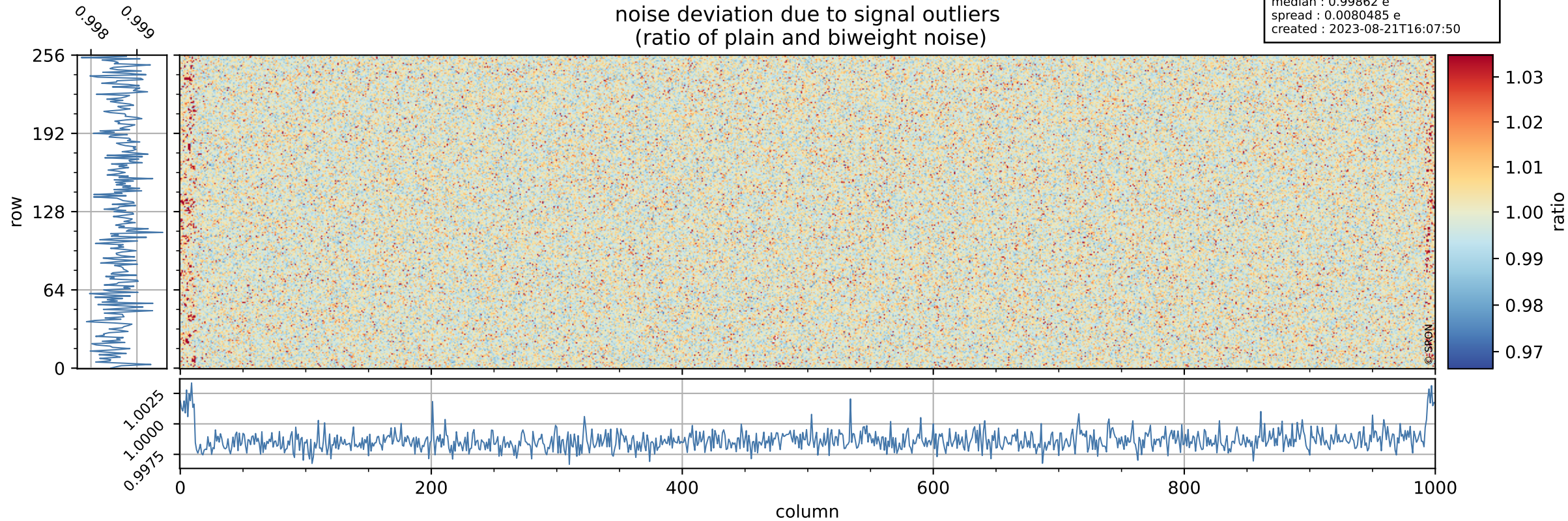
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

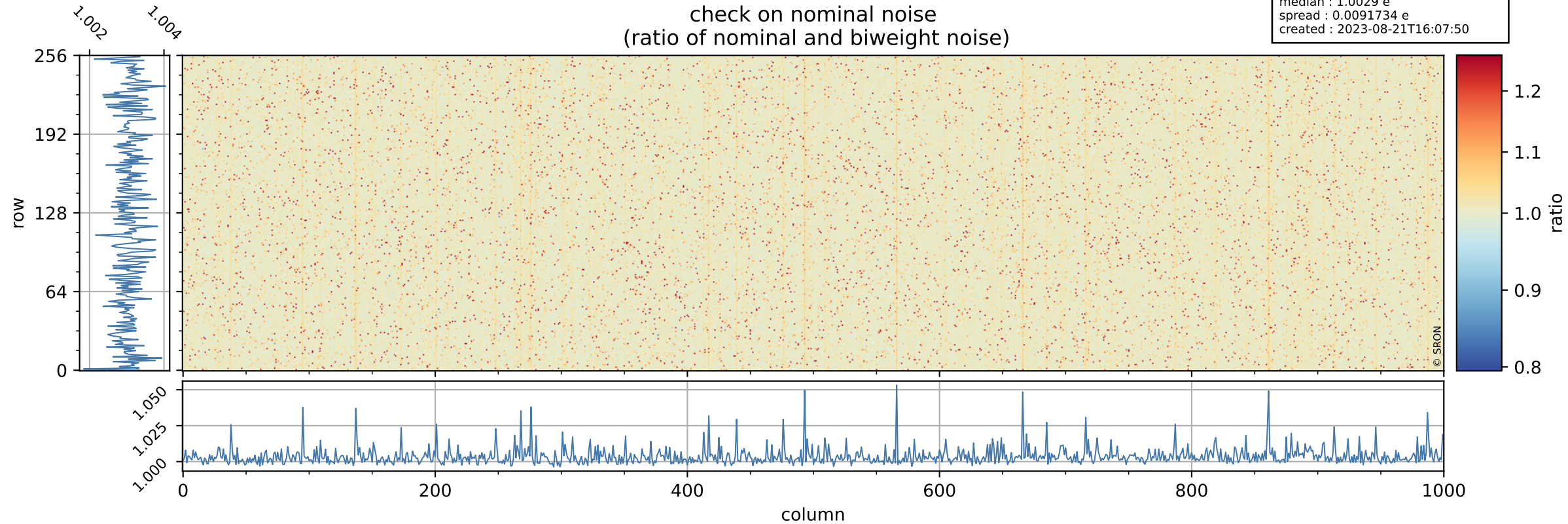
orbits : 12 in [19762, 19852]
coverage : 2021-08-06 / 2021-08-12
median : 0.99862 e
spread : 0.0080485 e
created : 2023-08-21T16:07:50



Tropomi SWIR background noise (swir)

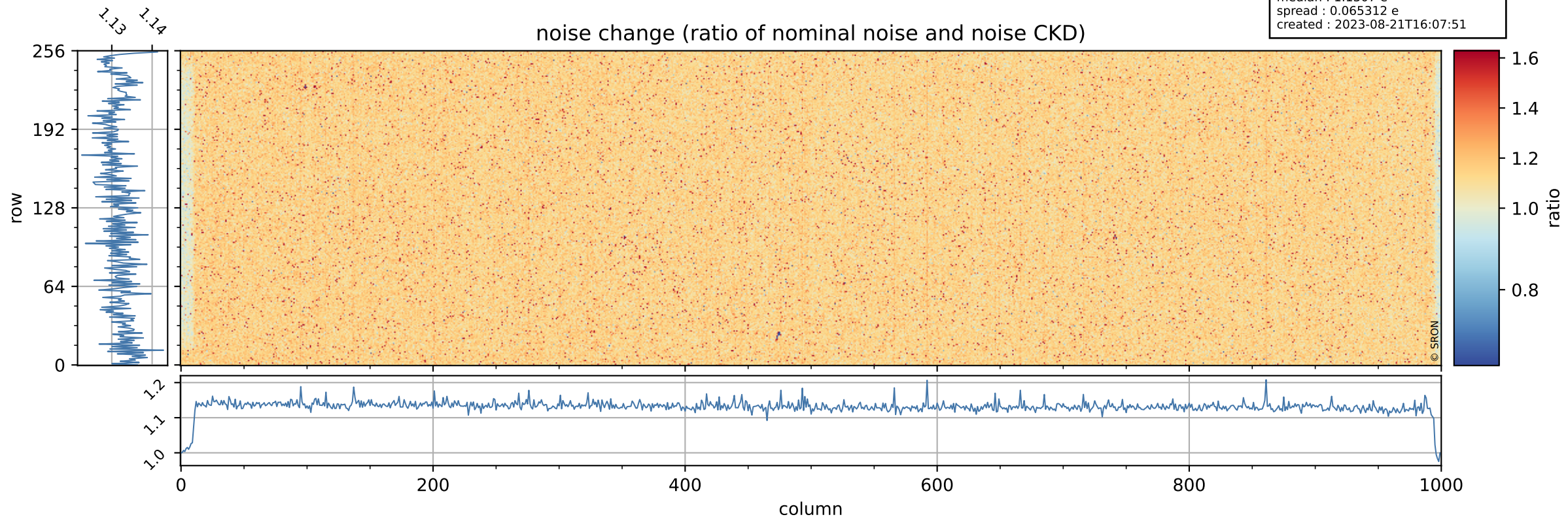
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19762, 19852]
coverage : 2021-08-06 / 2021-08-12
median : 1.0029 e
spread : 0.0091734 e
created : 2023-08-21T16:07:50



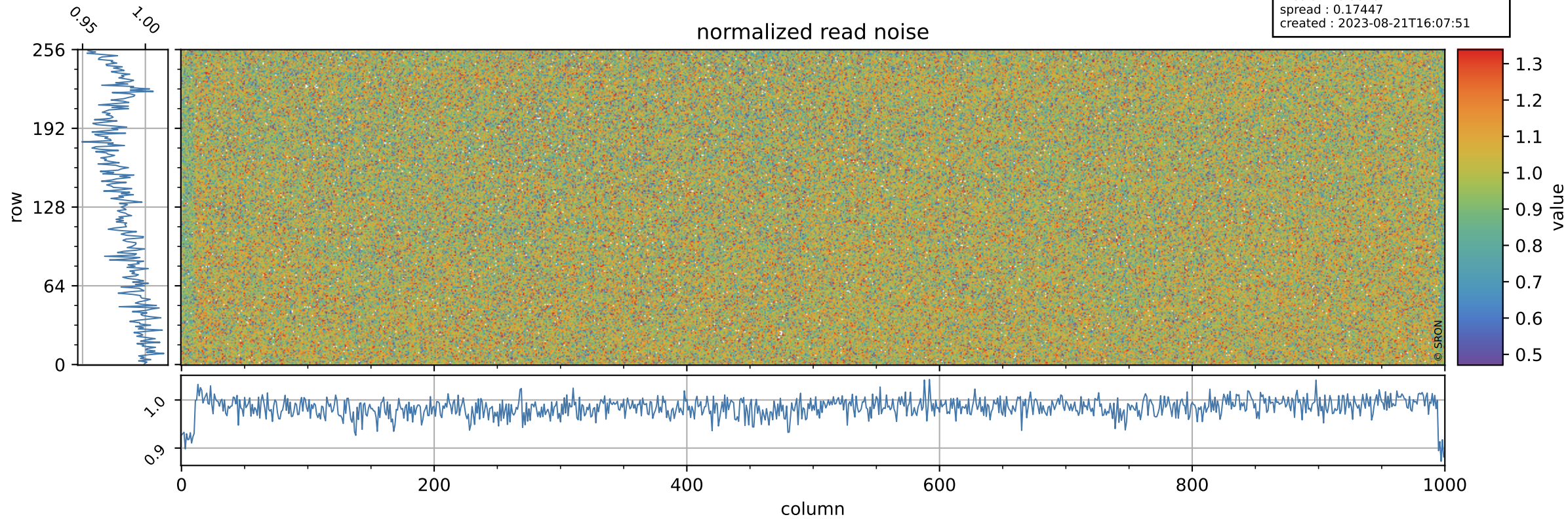
Tropomi SWIR background noise (swir)

orbits : 12 in [19762, 19852]
coverage : 2021-08-06 / 2021-08-12
median : 1.1307 e
spread : 0.065312 e
created : 2023-08-21T16:07:51



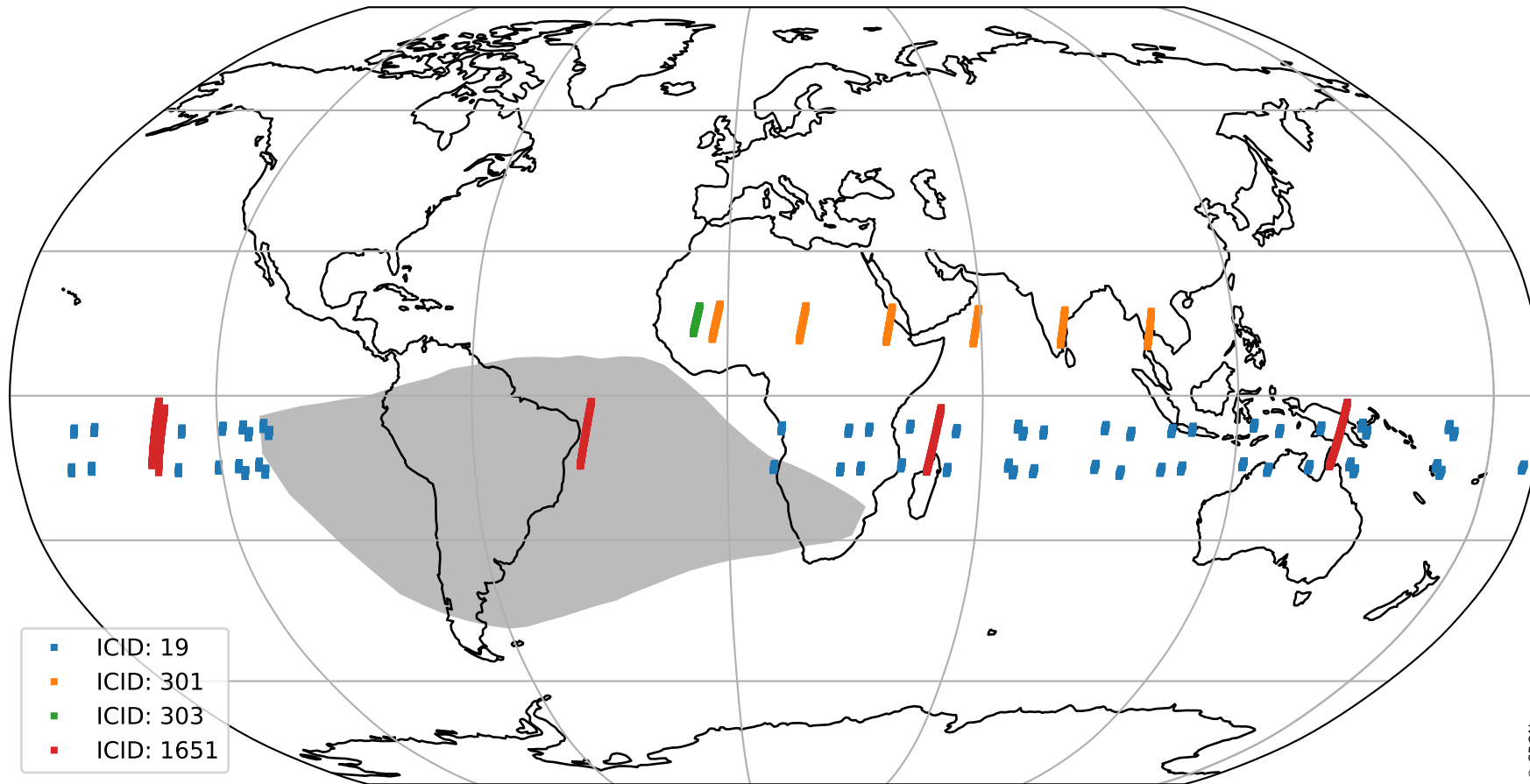
Tropomi SWIR background noise (swir)

orbits : 12 in [19762, 19852]
coverage : 2021-08-06 / 2021-08-12
median : 0.9826
spread : 0.17447
created : 2023-08-21T16:07:51



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

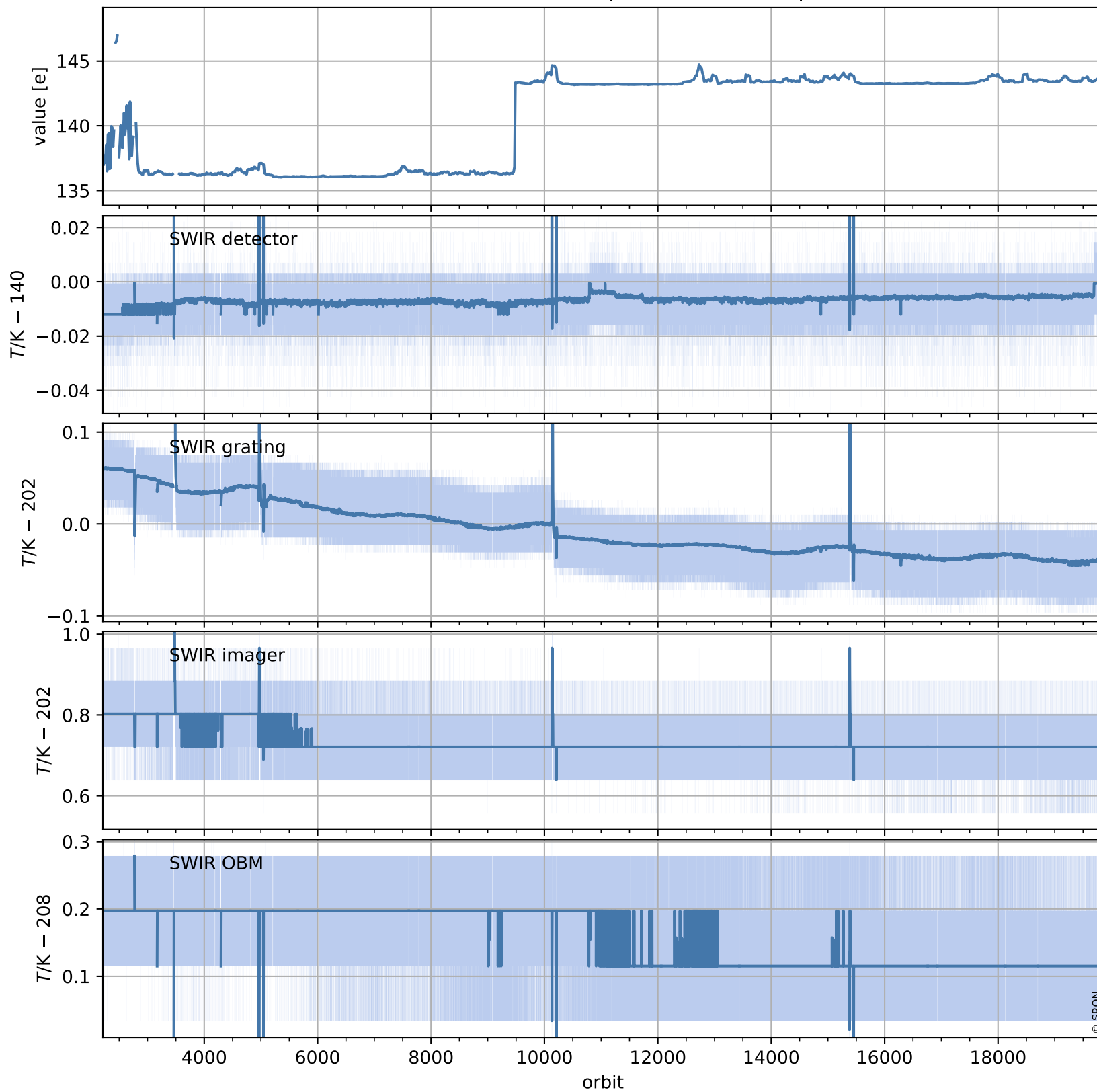
orbits : 12 in [19762, 19852]
coverage : 2021-08-06 / 2021-08-12
created : 2023-08-21T16:07:51



Tropomi SWIR background noise (swir)

orbits : [2212, 19852]
coverage : 2018-03-18 / 2021-08-12
created : 2023-08-21T16:07:52

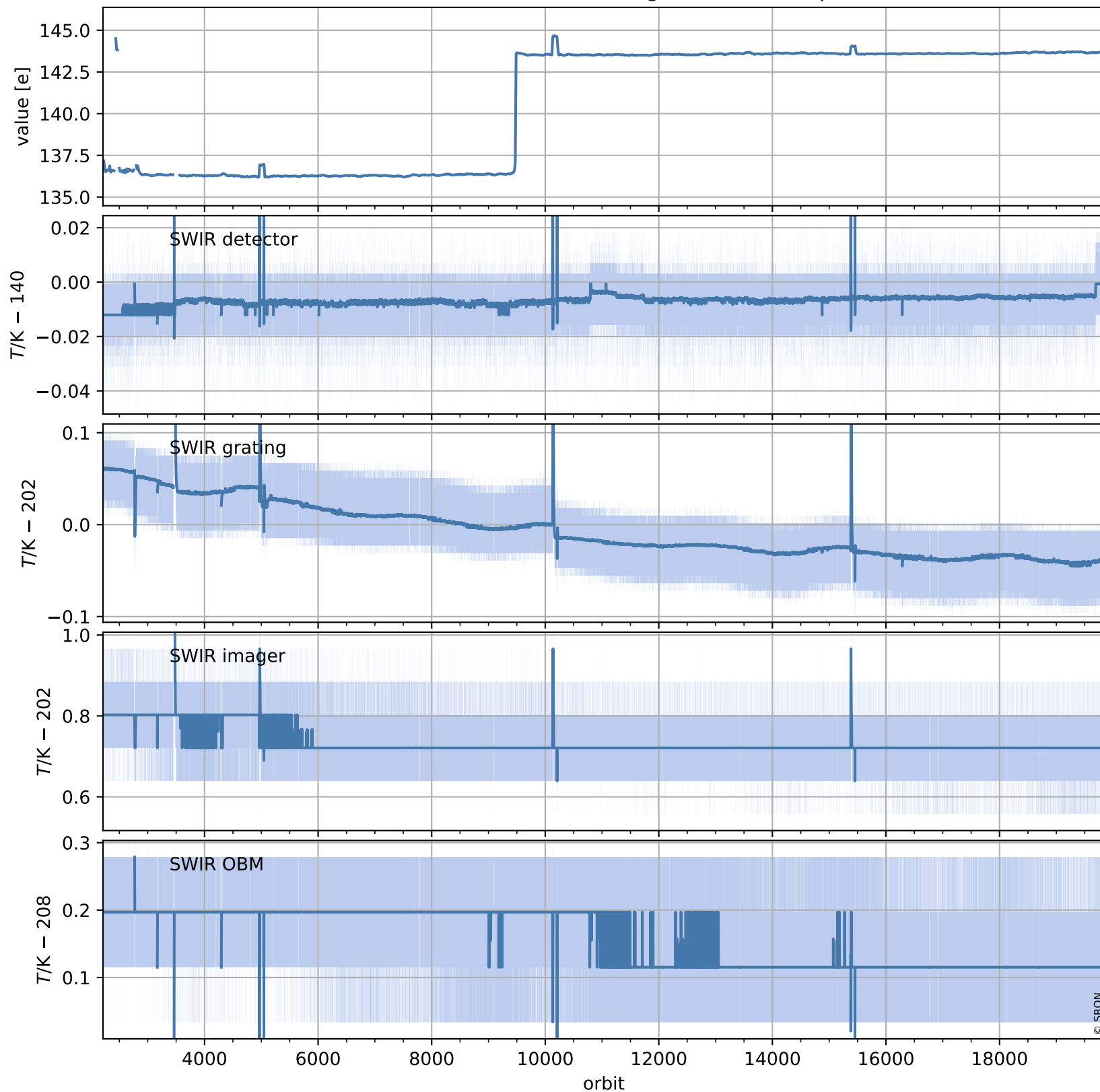
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19852]
coverage : 2018-03-18 / 2021-08-12
created : 2023-08-21T16:07:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19852]
coverage : 2018-03-18 / 2021-08-12
created : 2023-08-21T16:07:53

trend of normalized read-noise & temperatures

