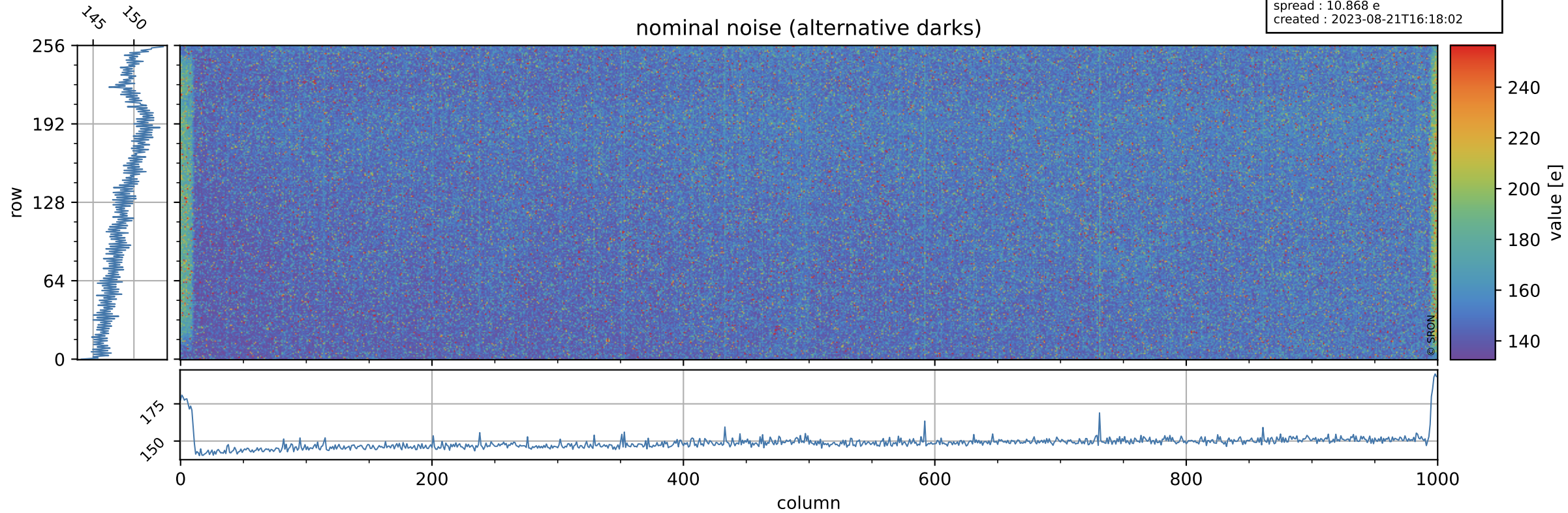


Tropomi SWIR background noise (swir)

orbits : 12 in [21412, 21502]
coverage : 2021-12-01 / 2021-12-06
n_coad, t_exp : 1, 1.0783
median : 148.7 e
spread : 10.868 e
created : 2023-08-21T16:18:02

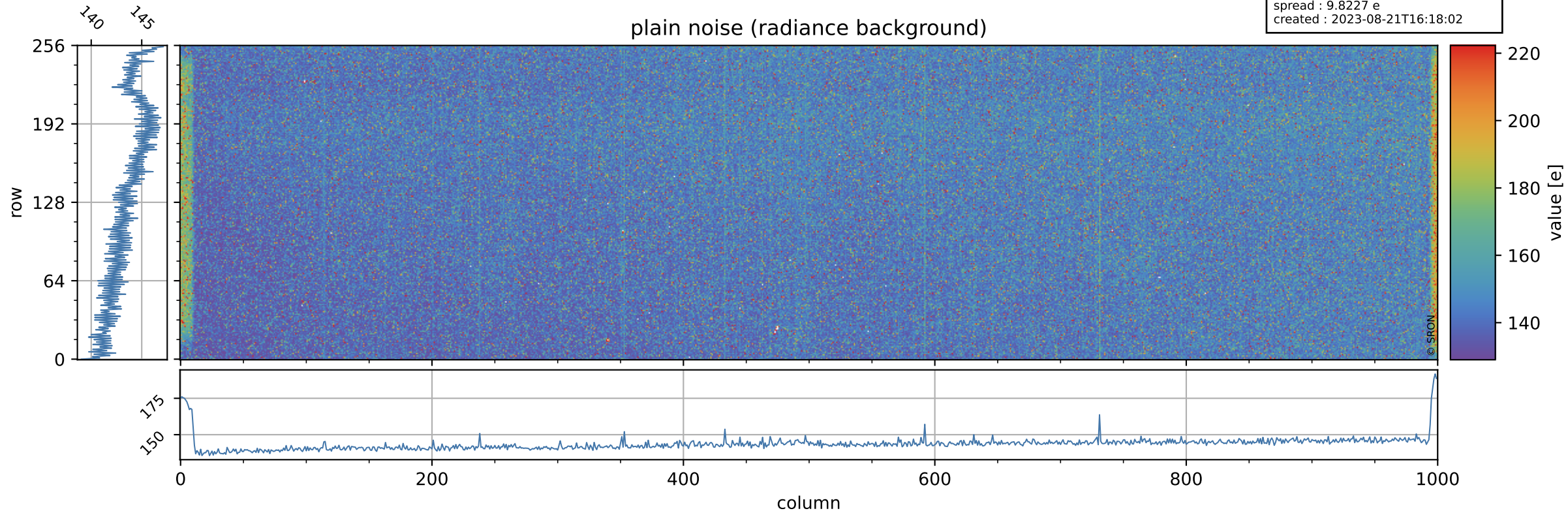
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21412, 21502]
coverage : 2021-12-01 / 2021-12-06
n_coad, t_exp : 1, 0.8383
median : 143.45 e
spread : 9.8227 e
created : 2023-08-21T16:18:02

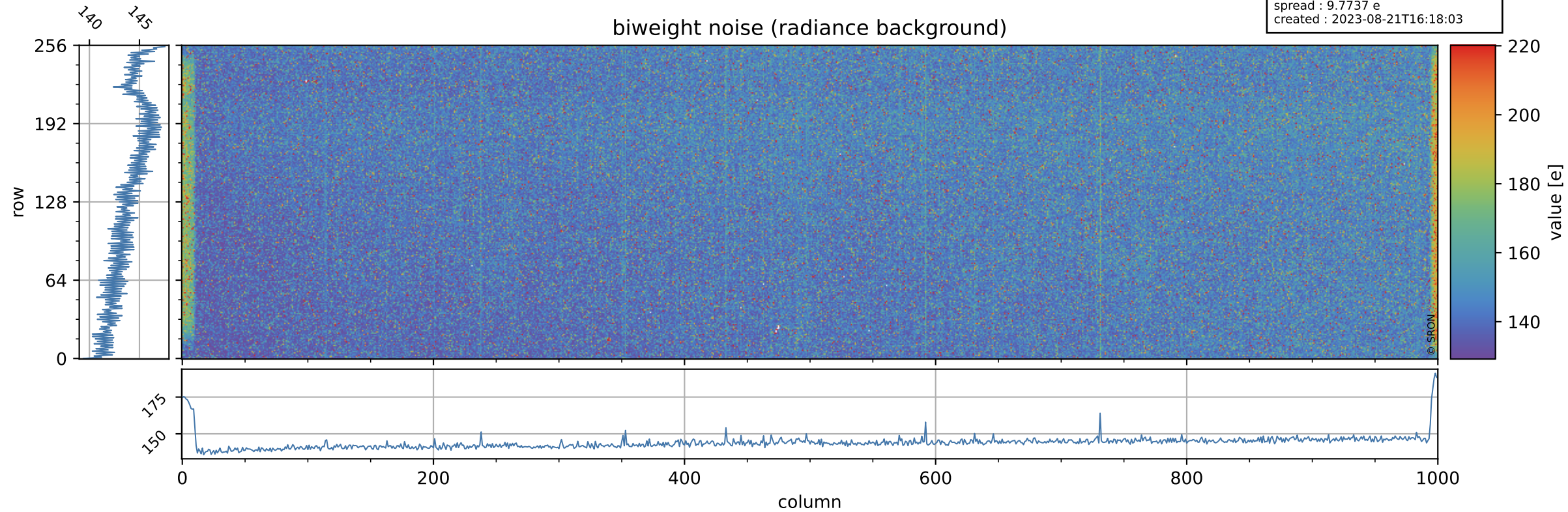
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21412, 21502]
coverage : 2021-12-01 / 2021-12-06
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.7737 e
created : 2023-08-21T16:18:03

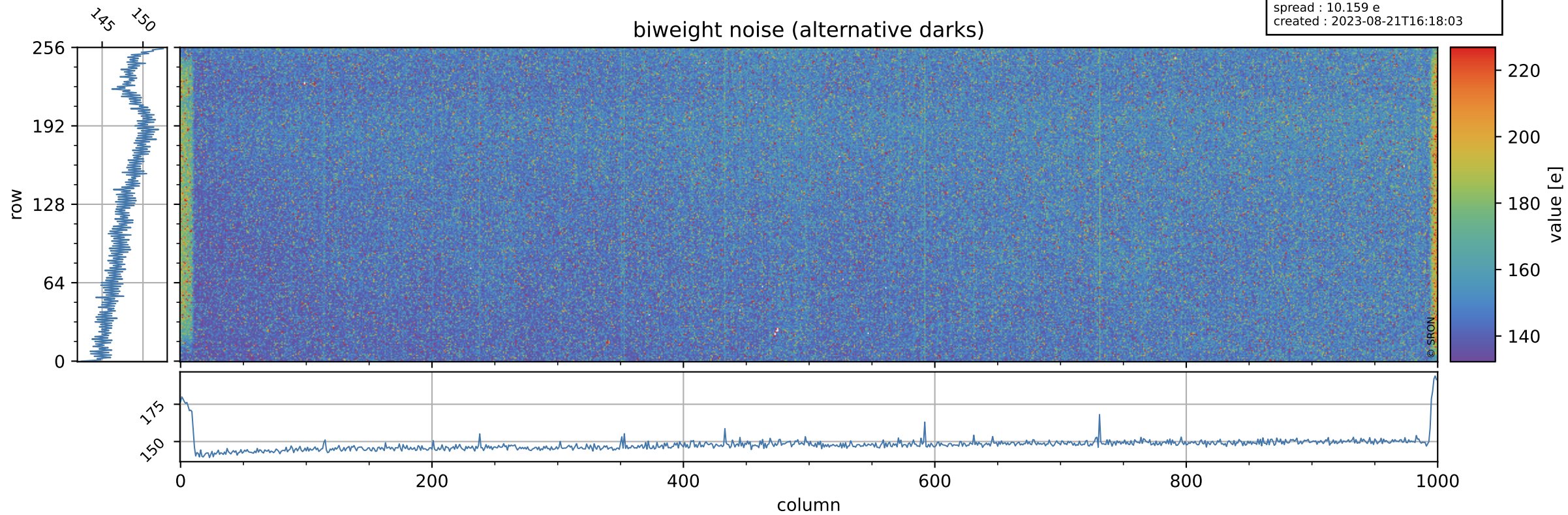
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21412, 21502]
coverage : 2021-12-01 / 2021-12-06
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.159 e
created : 2023-08-21T16:18:03

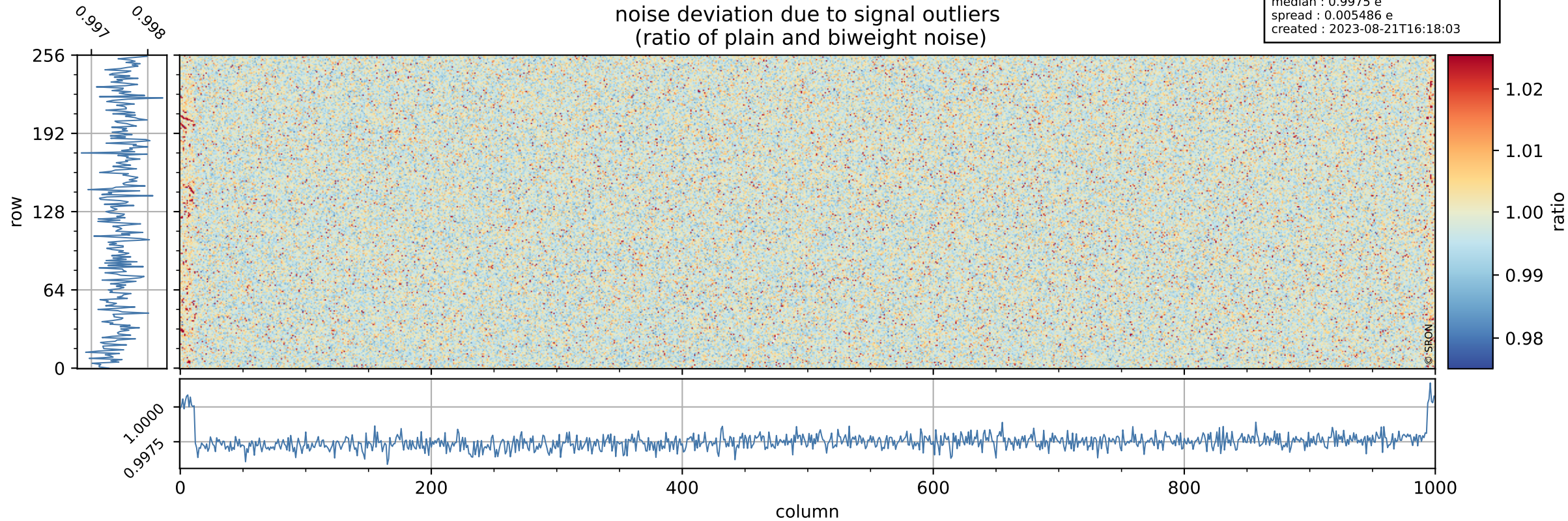
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

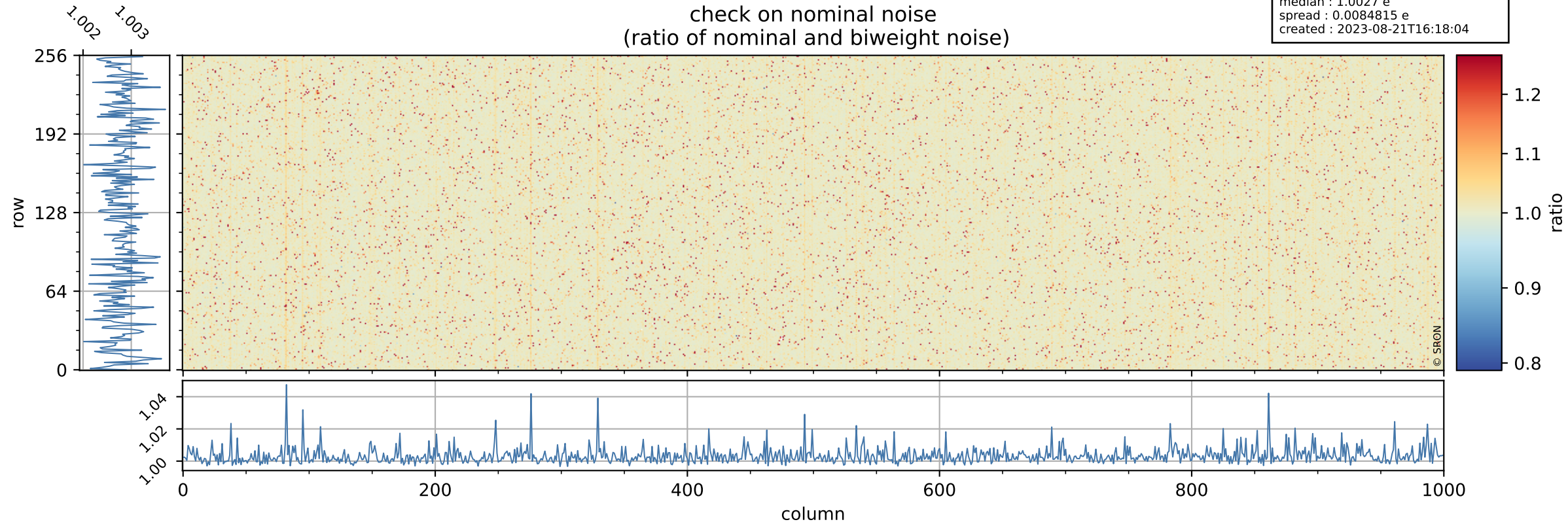
orbits : 12 in [21412, 21502]
coverage : 2021-12-01 / 2021-12-06
median : 0.9975 e
spread : 0.005486 e
created : 2023-08-21T16:18:03



Tropomi SWIR background noise (swir)

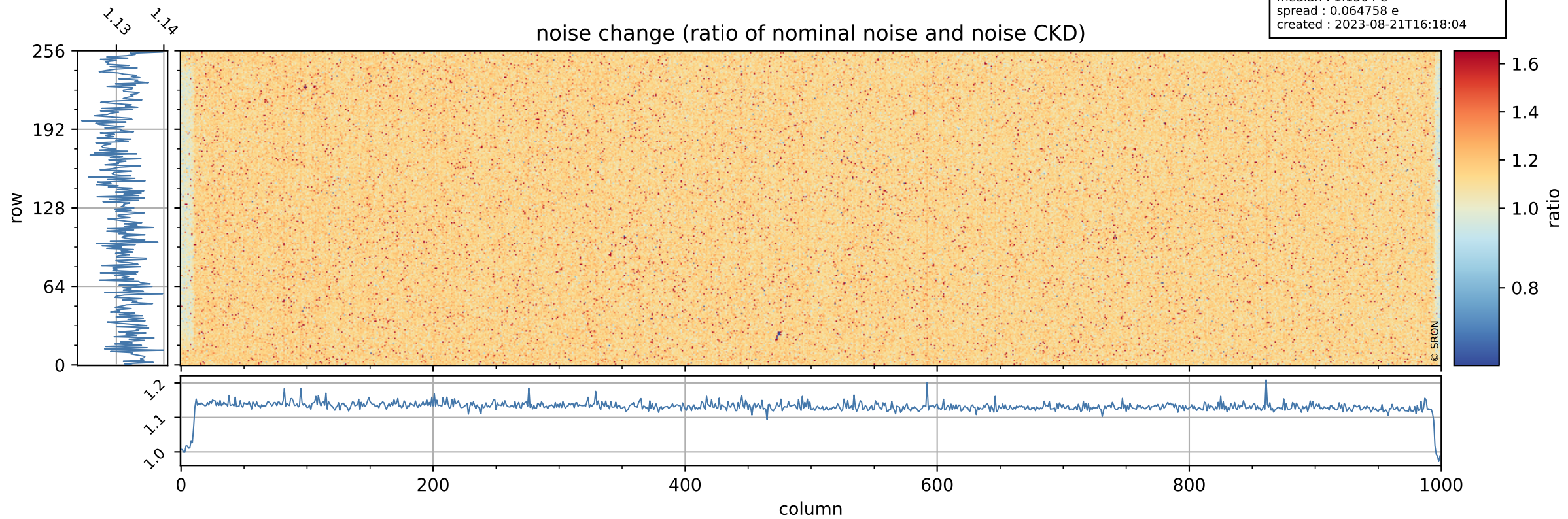
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21412, 21502]
coverage : 2021-12-01 / 2021-12-06
median : 1.0027 e
spread : 0.0084815 e
created : 2023-08-21T16:18:04



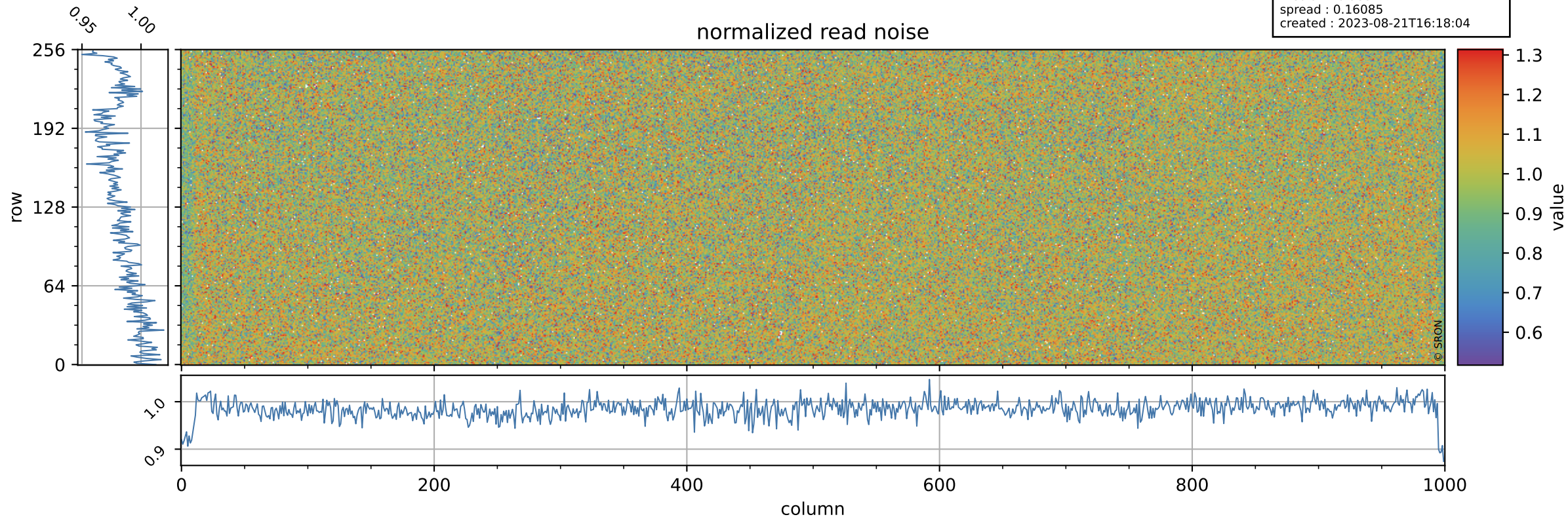
Tropomi SWIR background noise (swir)

orbits : 12 in [21412, 21502]
coverage : 2021-12-01 / 2021-12-06
median : 1.1304 e
spread : 0.064758 e
created : 2023-08-21T16:18:04



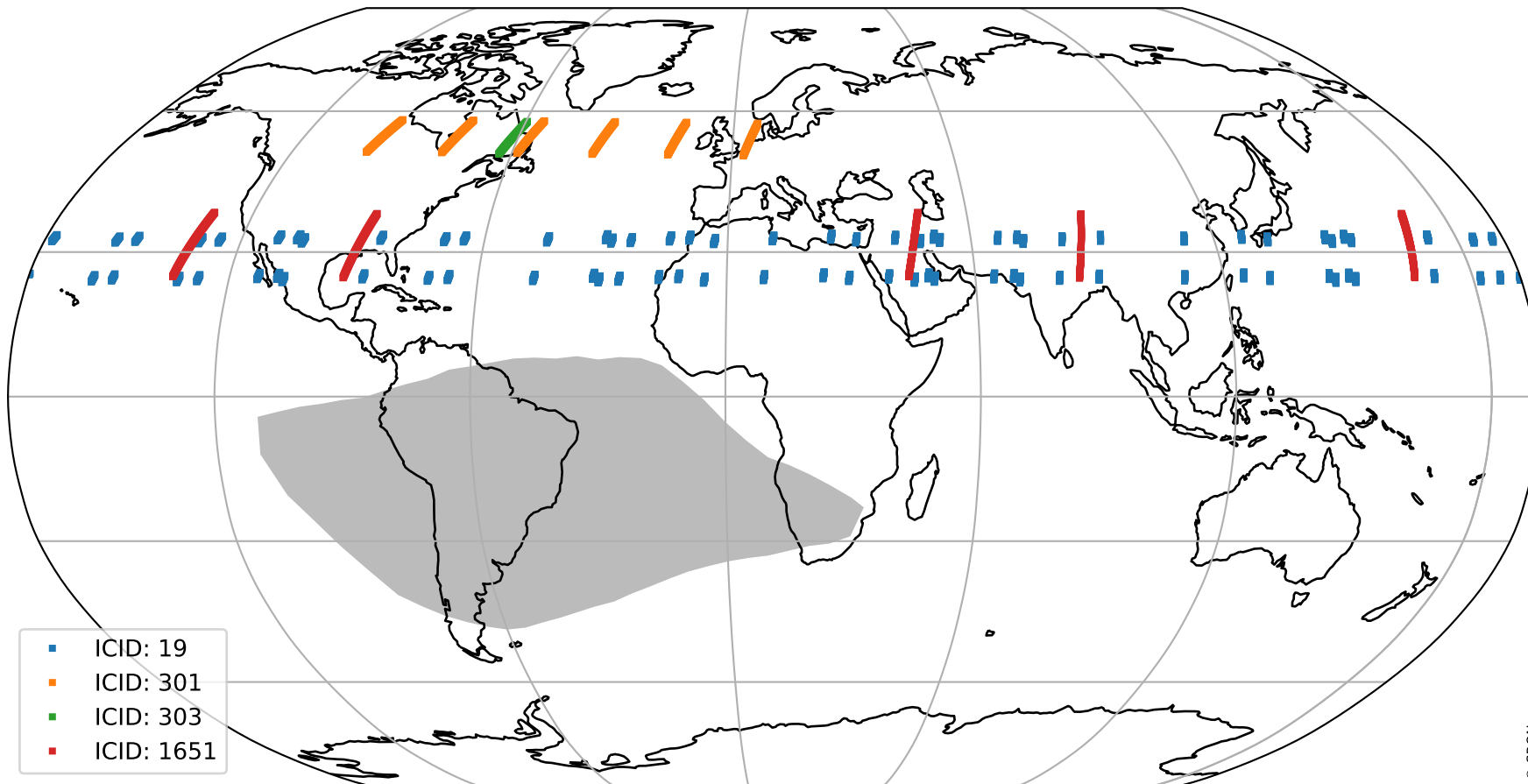
Tropomi SWIR background noise (swir)

orbits : 12 in [21412, 21502]
coverage : 2021-12-01 / 2021-12-06
median : 0.98311
spread : 0.16085
created : 2023-08-21T16:18:04



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

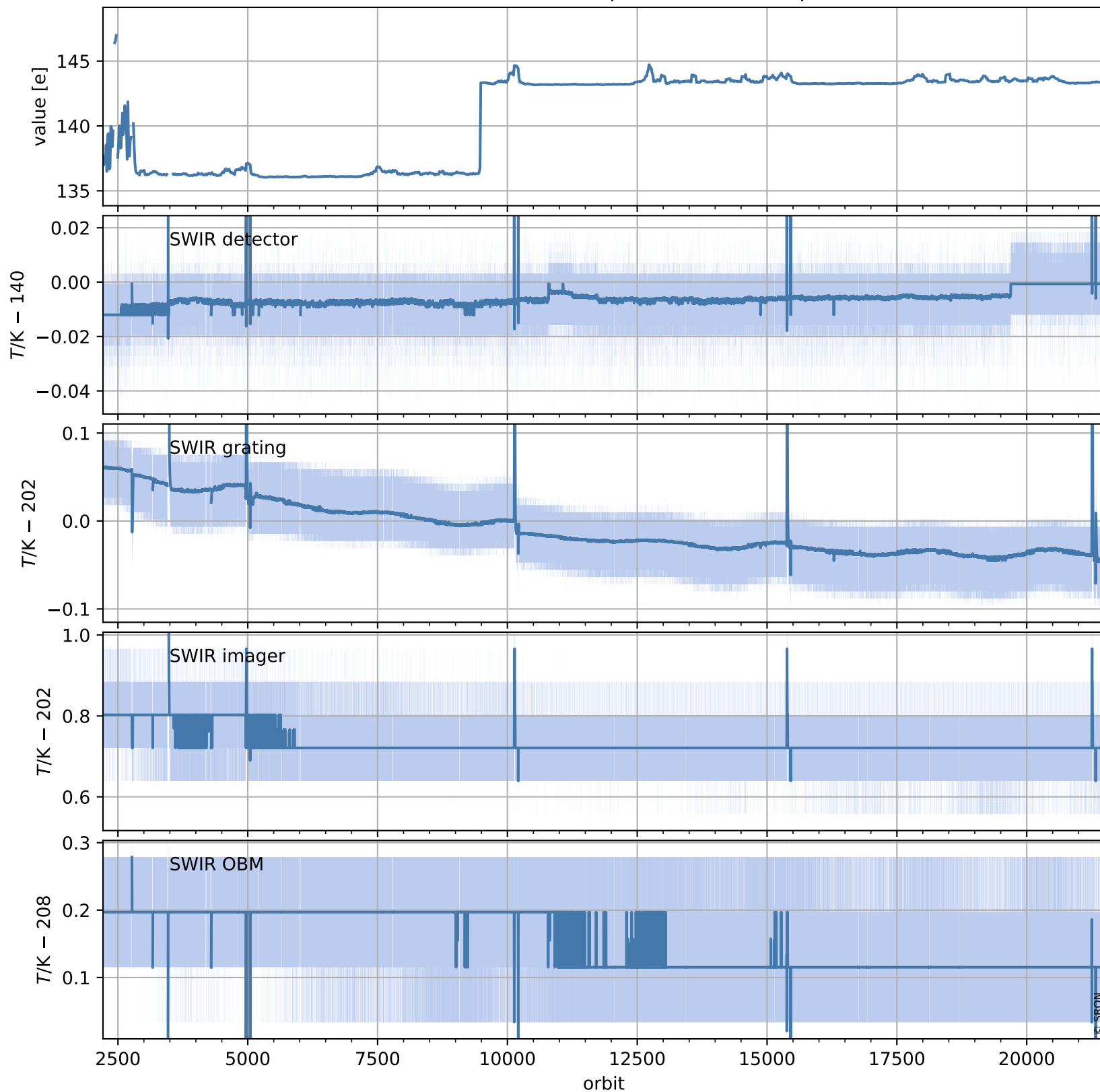
orbits : 12 in [21412, 21502]
coverage : 2021-12-01 / 2021-12-06
created : 2023-08-21T16:18:05



Tropomi SWIR background noise (swir)

orbits : [2212, 21502]
coverage : 2018-03-18 / 2021-12-06
created : 2023-08-21T16:18:05

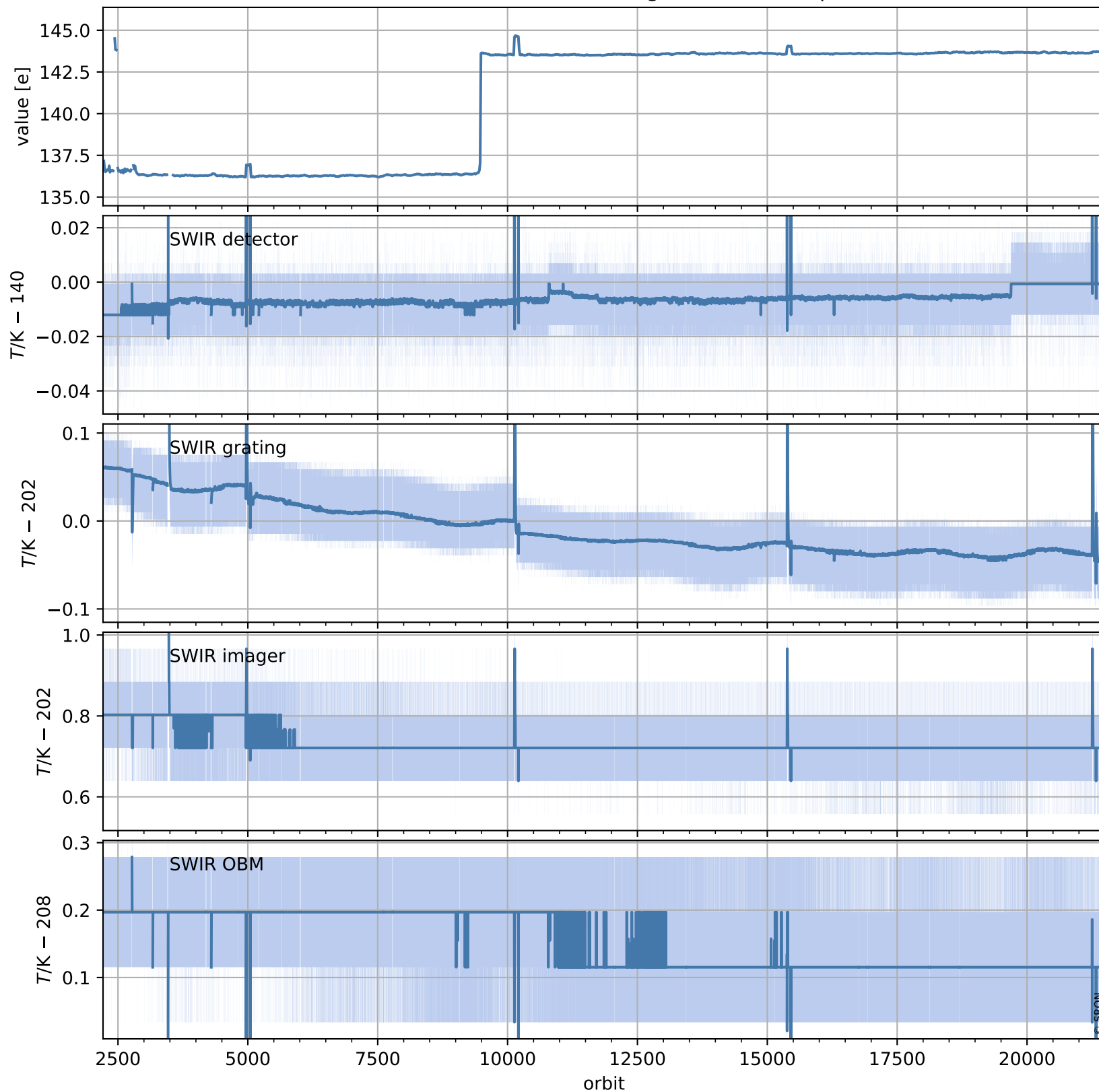
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21502]
coverage : 2018-03-18 / 2021-12-06
created : 2023-08-21T16:18:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21502]
coverage : 2018-03-18 / 2021-12-06
created : 2023-08-21T16:18:07

trend of normalized read-noise & temperatures

