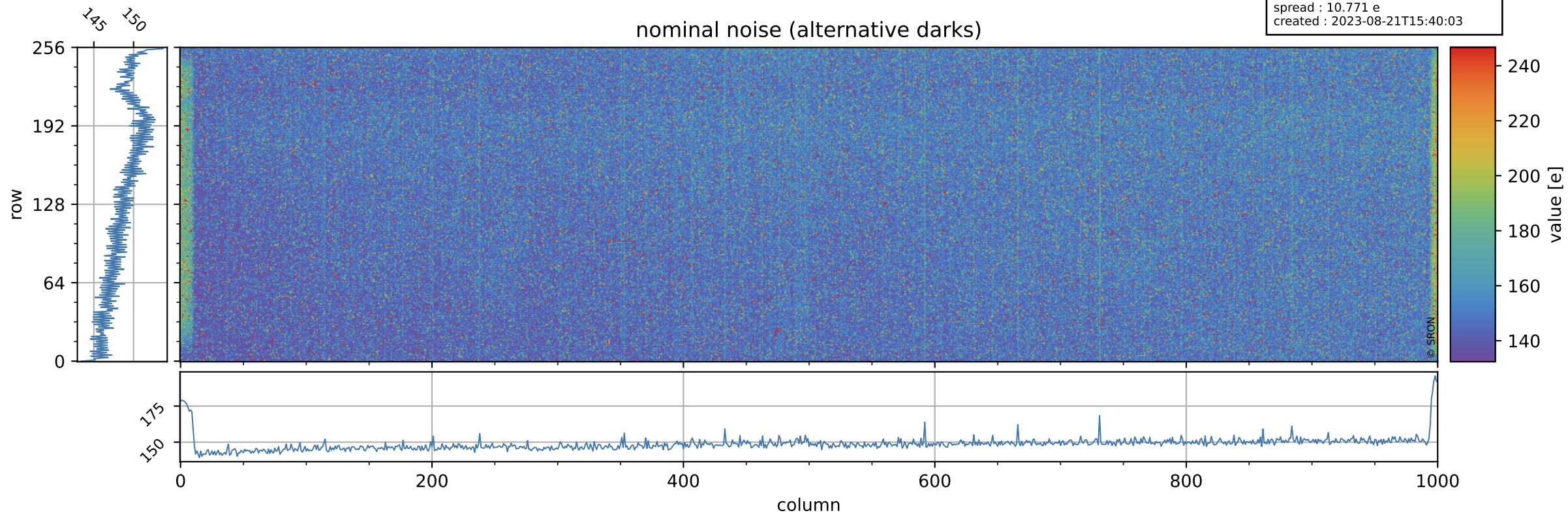


Tropomi SWIR background noise (swir)

orbits : 13 in [14992, 15082]
coverage : 2020-09-04 / 2020-09-10
n_coad, t_exp : 1, 1.0783
median : 148.57 e
spread : 10.771 e
created : 2023-08-21T15:40:03

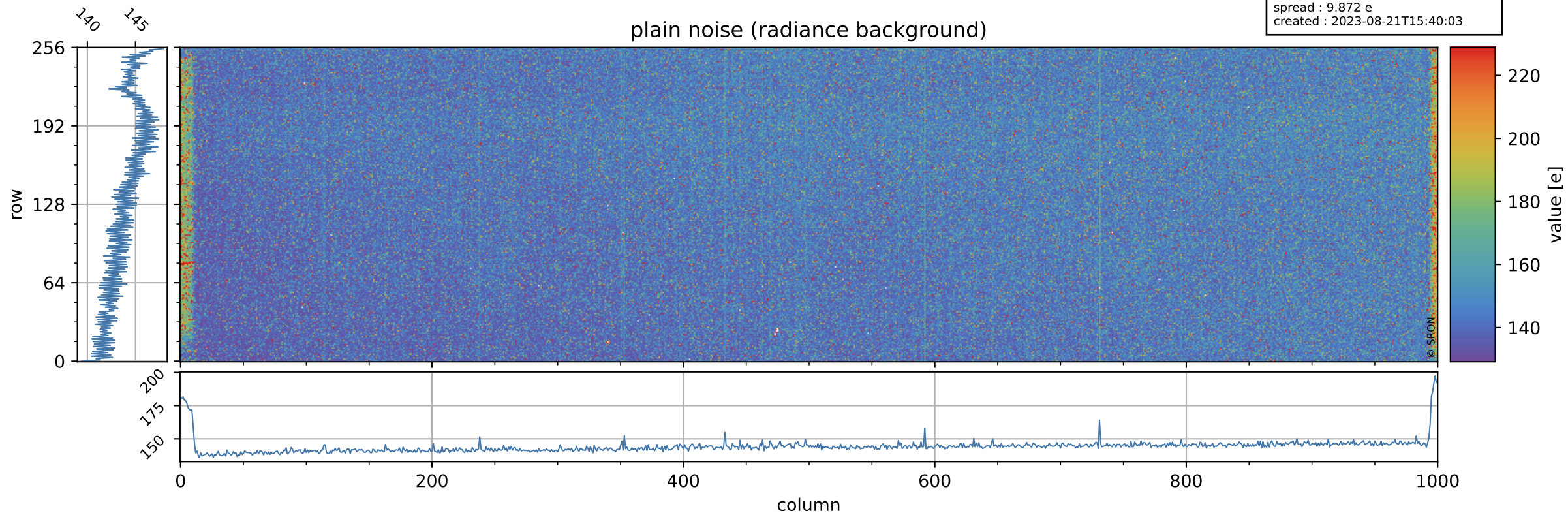
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [14992, 15082]
coverage : 2020-09-04 / 2020-09-10
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 9.872 e
created : 2023-08-21T15:40:03

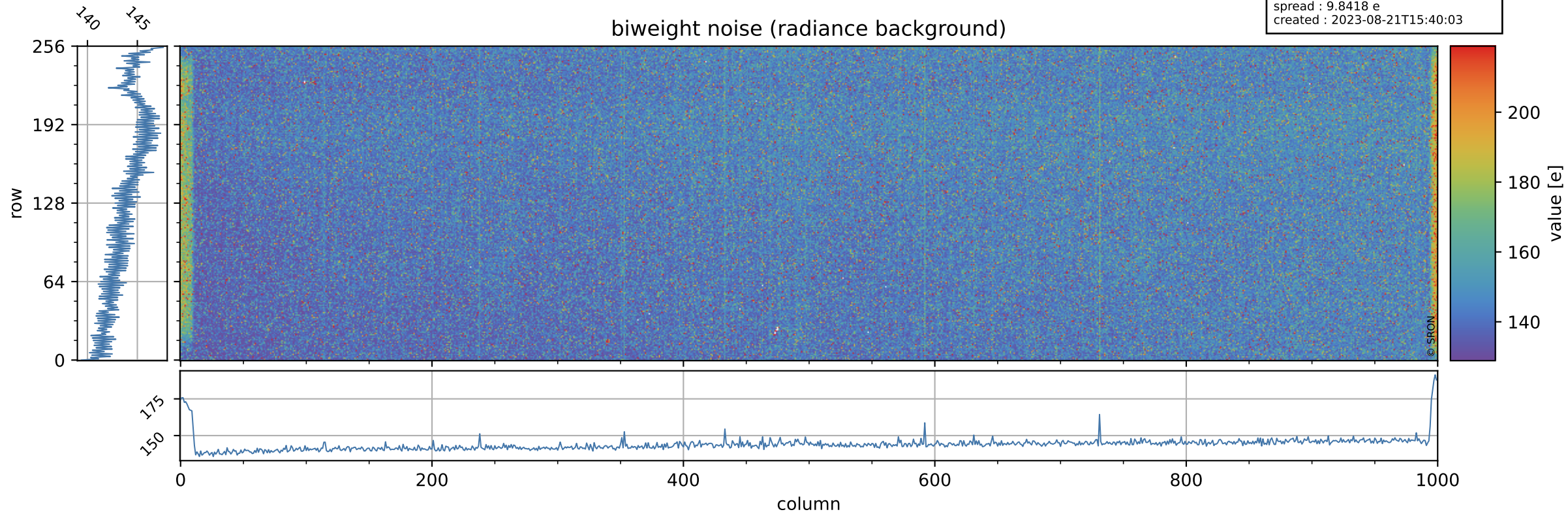
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [14992, 15082]
coverage : 2020-09-04 / 2020-09-10
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.8418 e
created : 2023-08-21T15:40:03

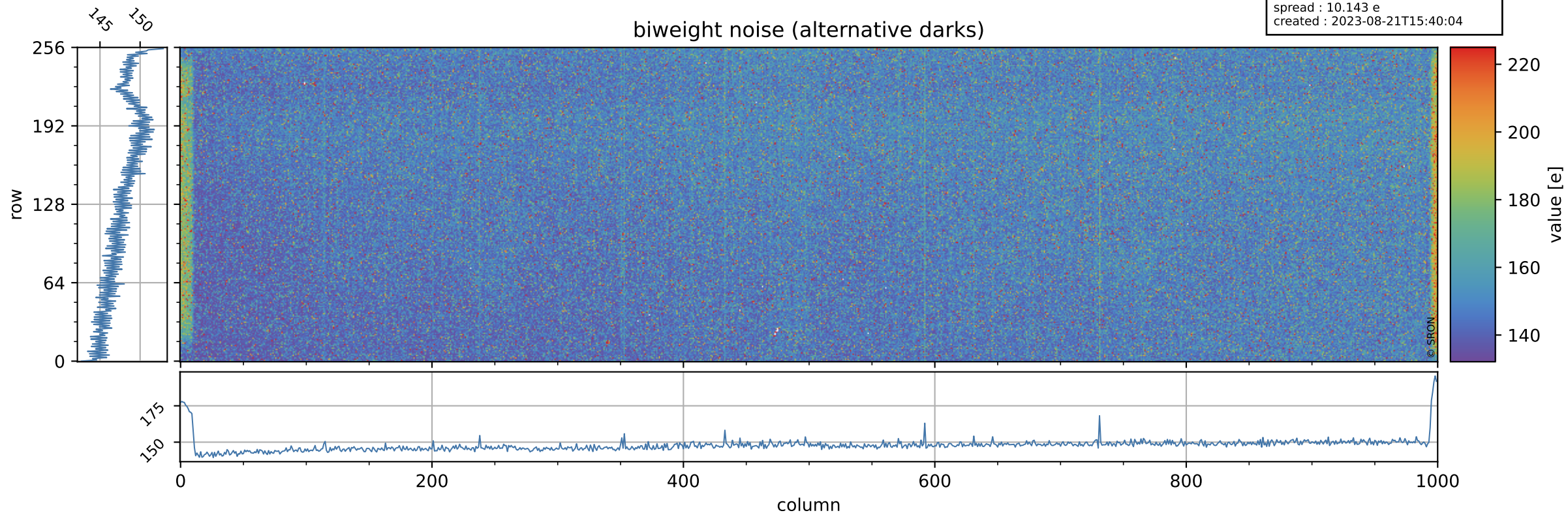
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [14992, 15082]
coverage : 2020-09-04 / 2020-09-10
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.143 e
created : 2023-08-21T15:40:04

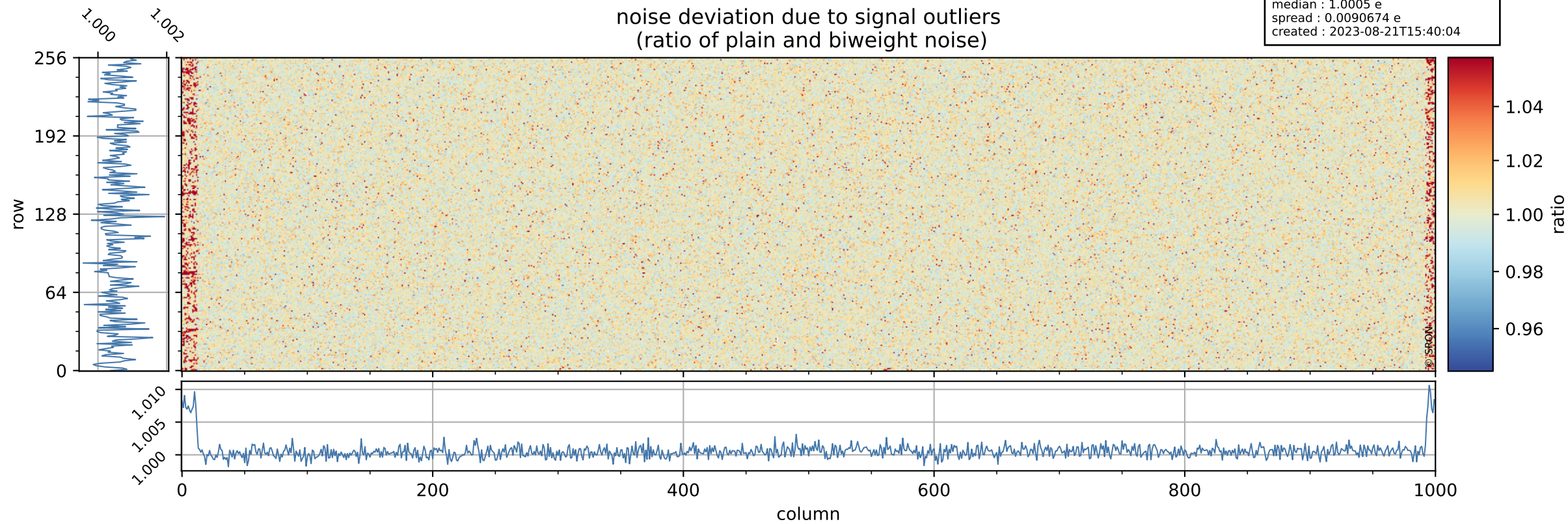
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

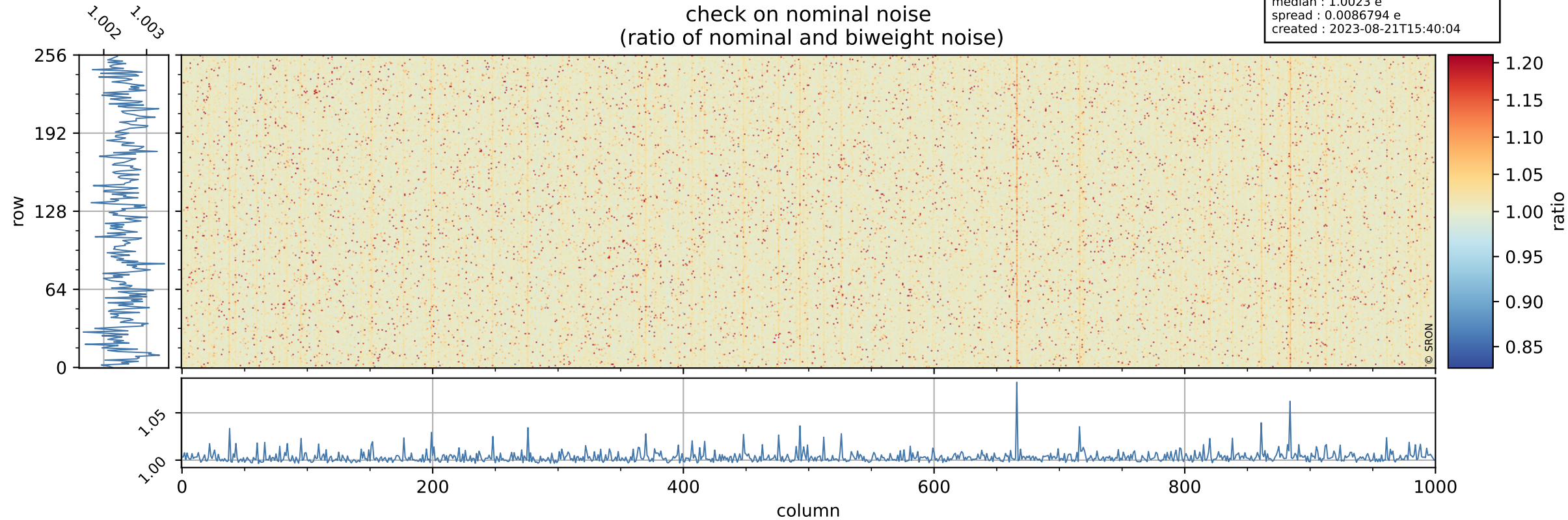
orbits : 13 in [14992, 15082]
coverage : 2020-09-04 / 2020-09-10
median : 1.0005 e
spread : 0.0090674 e
created : 2023-08-21T15:40:04



Tropomi SWIR background noise (swir)

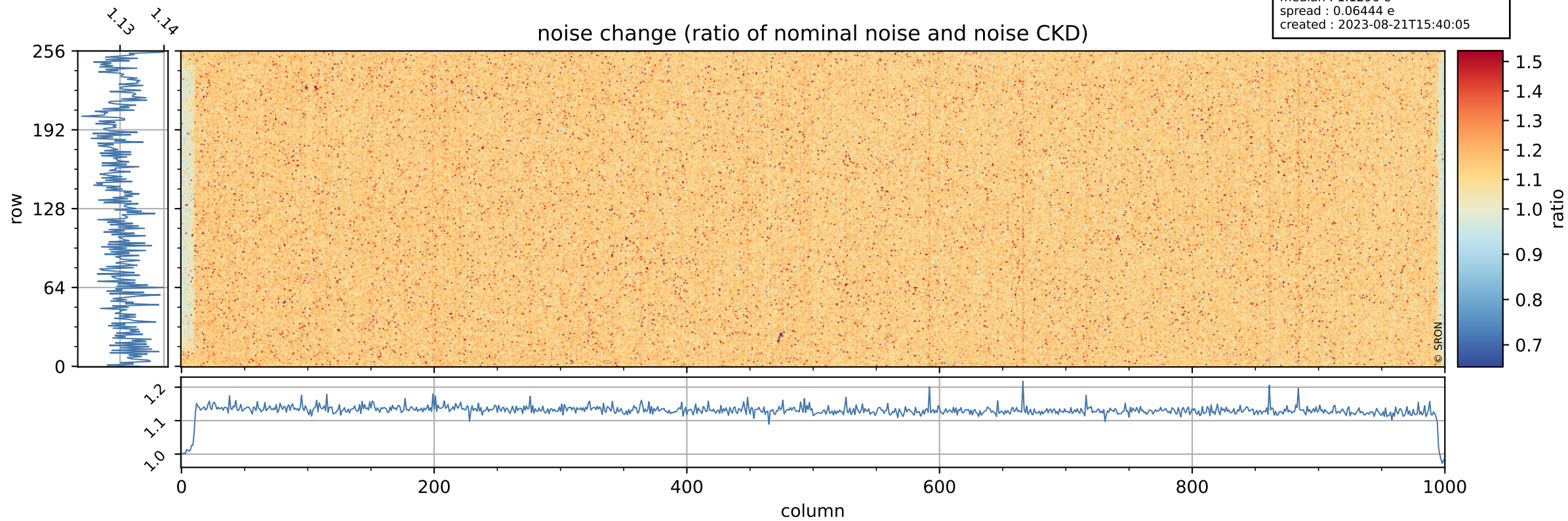
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [14992, 15082]
coverage : 2020-09-04 / 2020-09-10
median : 1.0023 e
spread : 0.0086794 e
created : 2023-08-21T15:40:04



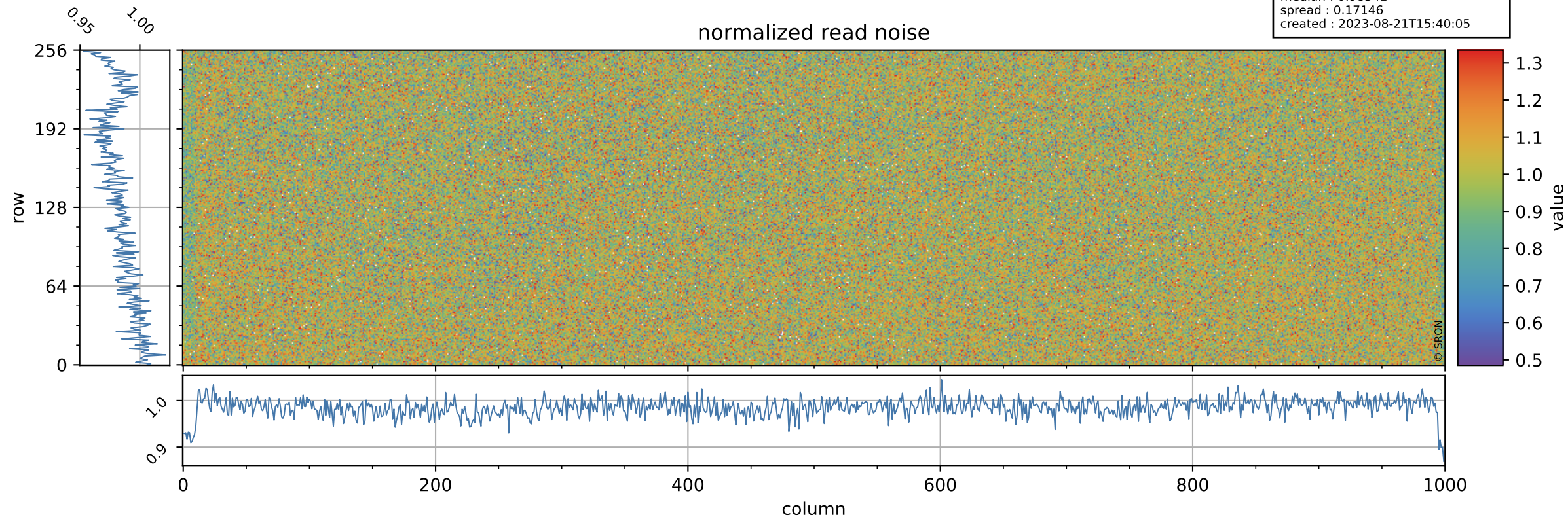
Tropomi SWIR background noise (swir)

orbits : 13 in [14992, 15082]
coverage : 2020-09-04 / 2020-09-10
median : 1.1296 e
spread : 0.06444 e
created : 2023-08-21T15:40:05



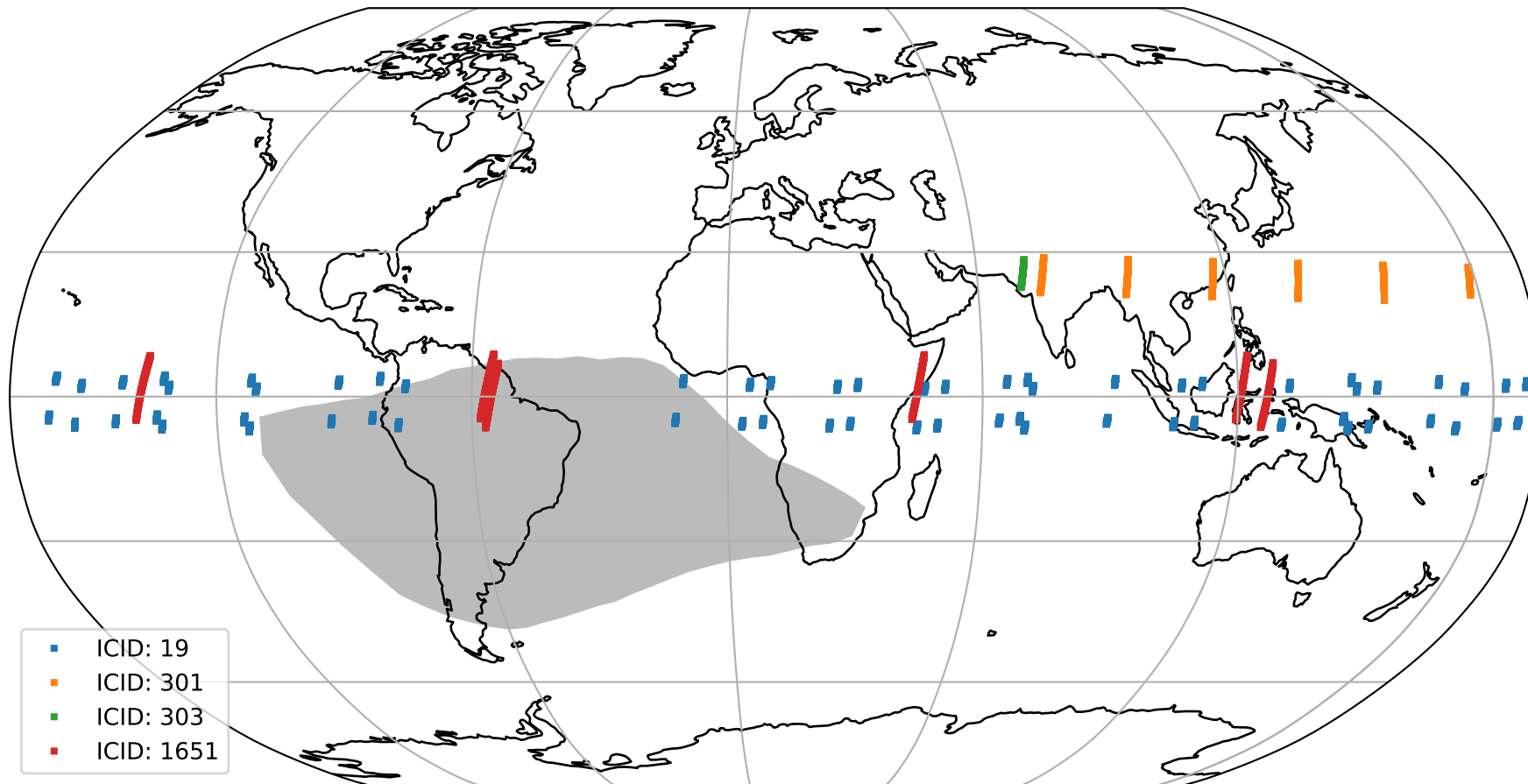
Tropomi SWIR background noise (swir)

orbits : 13 in [14992, 15082]
coverage : 2020-09-04 / 2020-09-10
median : 0.98342
spread : 0.17146
created : 2023-08-21T15:40:05



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

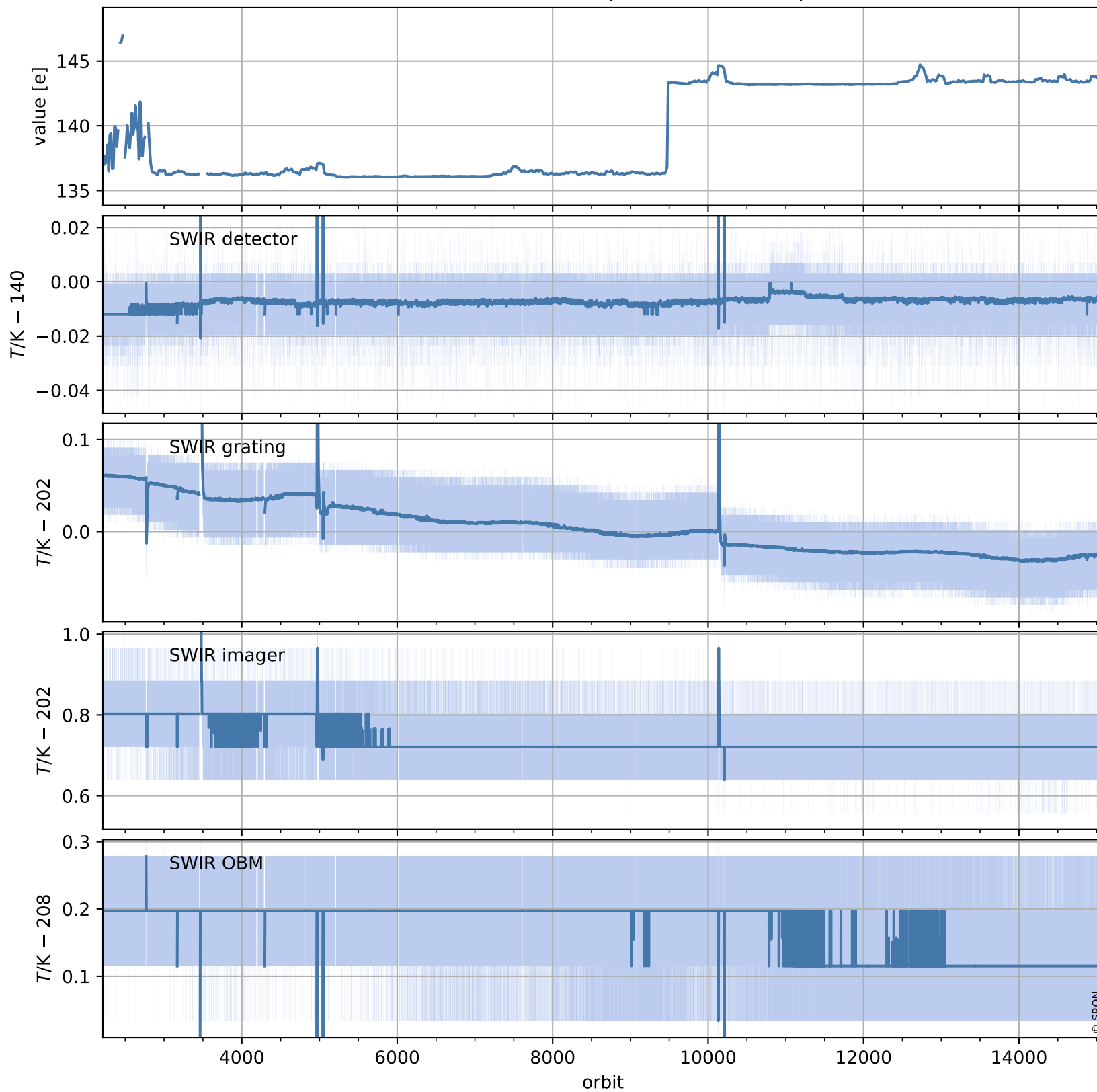
orbits : 13 in [14992, 15082]
coverage : 2020-09-04 / 2020-09-10
created : 2023-08-21T15:40:05



Tropomi SWIR background noise (swir)

orbits : [2212, 15082]
coverage : 2018-03-18 / 2020-09-10
created : 2023-08-21T15:40:05

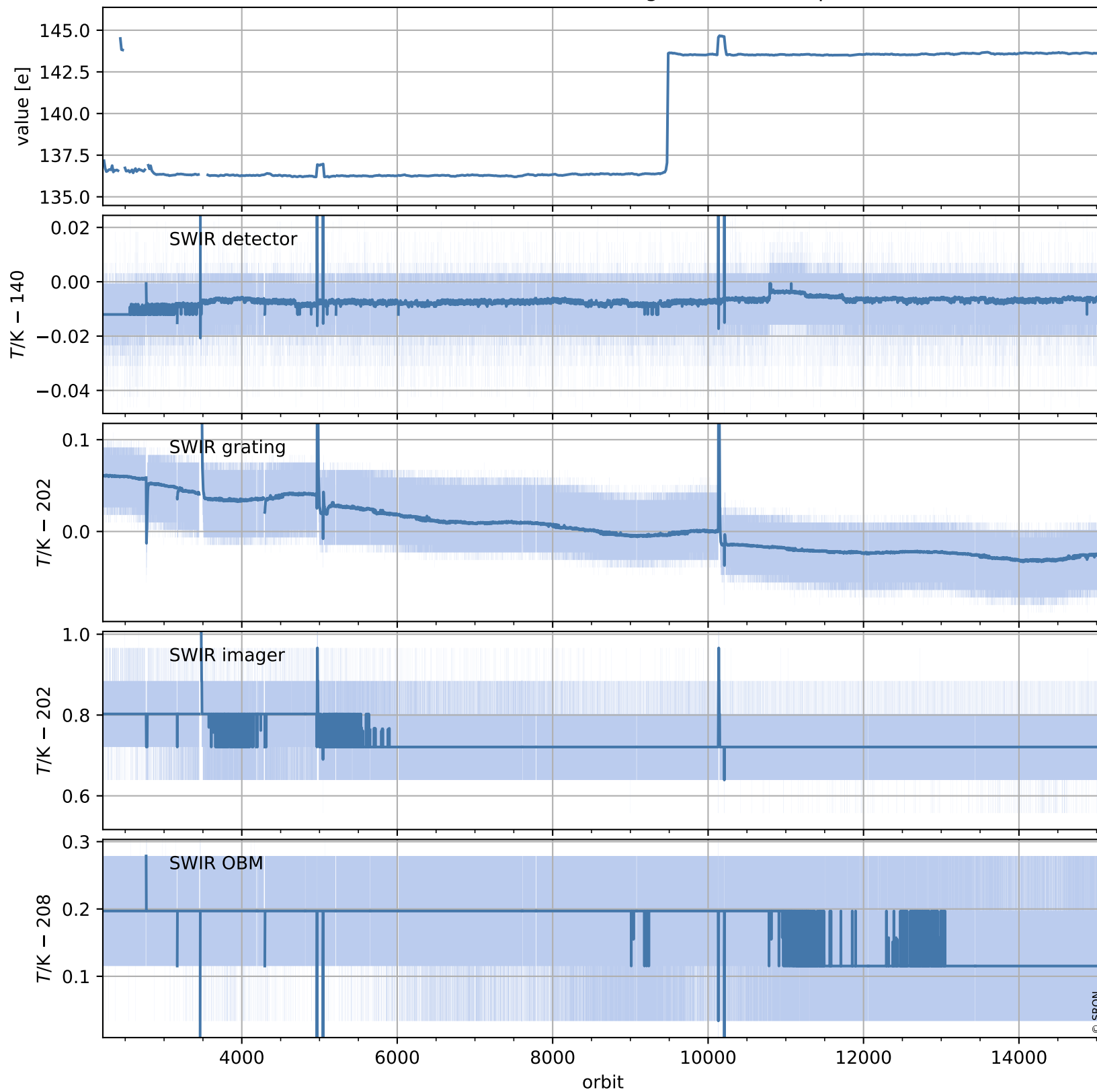
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15082]
coverage : 2018-03-18 / 2020-09-10
created : 2023-08-21T15:40:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15082]
coverage : 2018-03-18 / 2020-09-10
created : 2023-08-21T15:40:07

trend of normalized read-noise & temperatures

