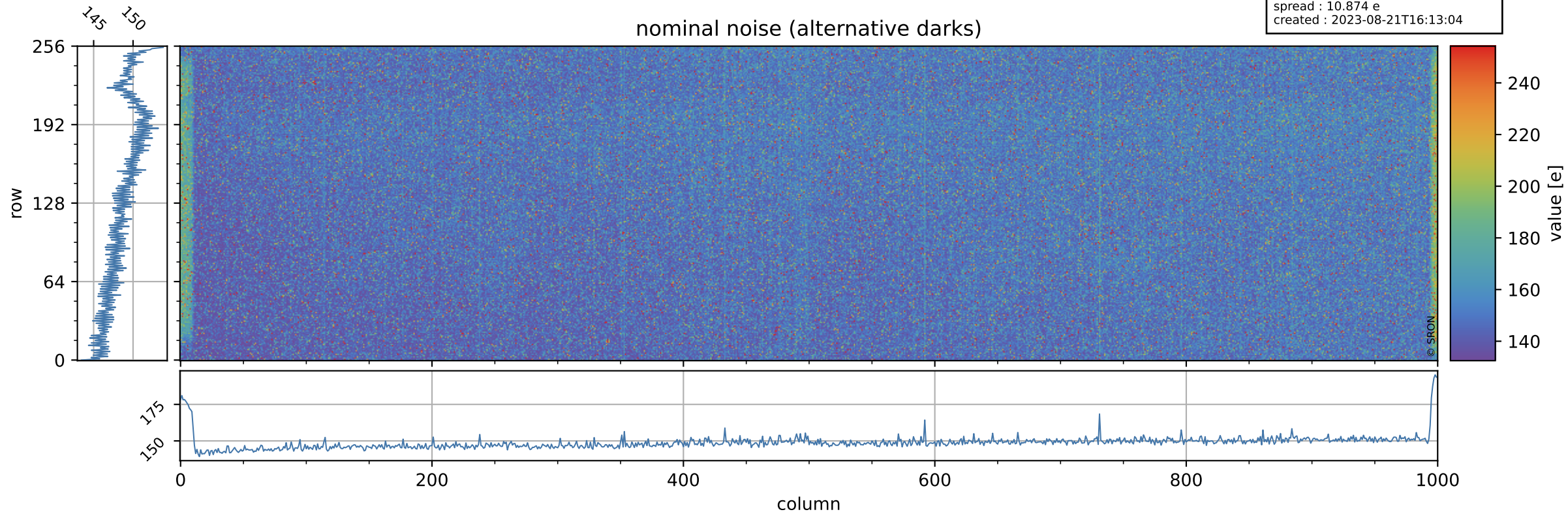


Tropomi SWIR background noise (swir)

orbits : 12 in [20632, 20707]
coverage : 2021-10-05 / 2021-10-11
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.874 e
created : 2023-08-21T16:13:04

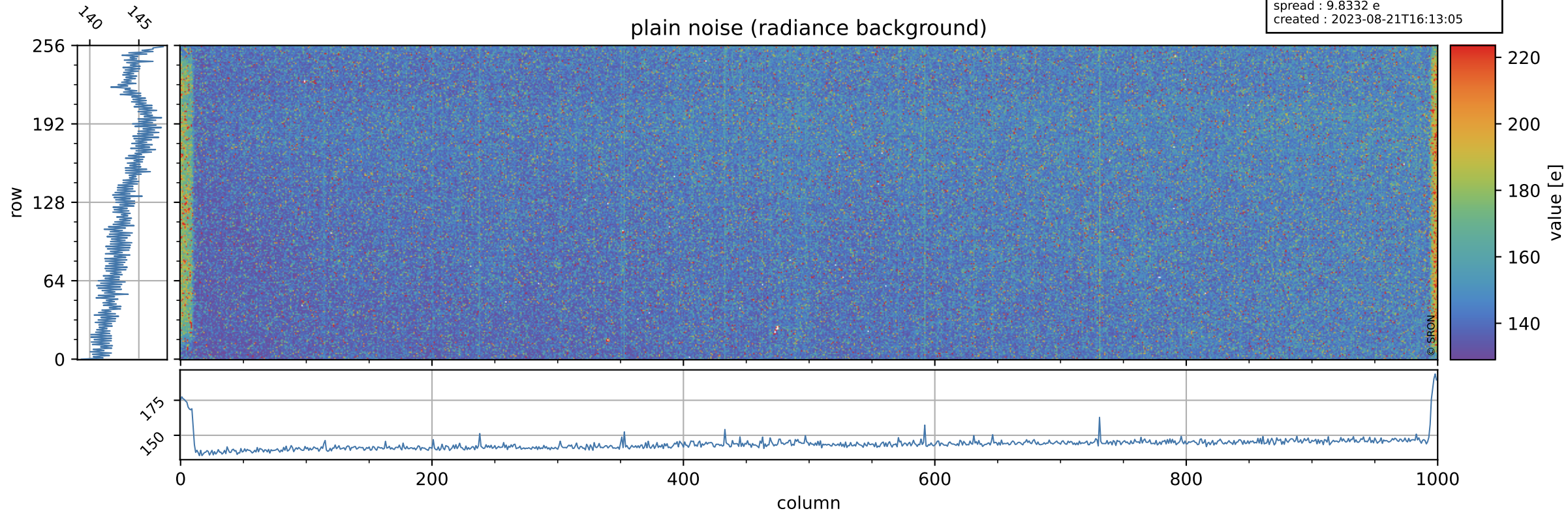
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20632, 20707]
coverage : 2021-10-05 / 2021-10-11
n_coad, t_exp : 1, 0.8383
median : 143.59 e
spread : 9.8332 e
created : 2023-08-21T16:13:05

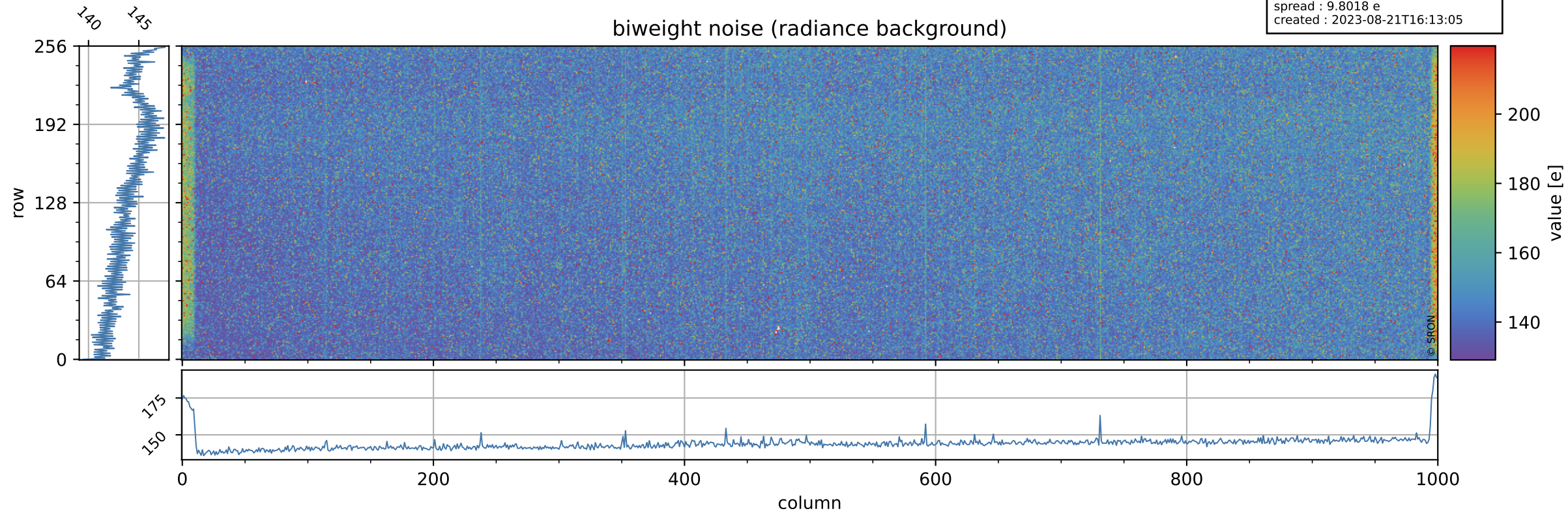
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20632, 20707]
coverage : 2021-10-05 / 2021-10-11
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.8018 e
created : 2023-08-21T16:13:05

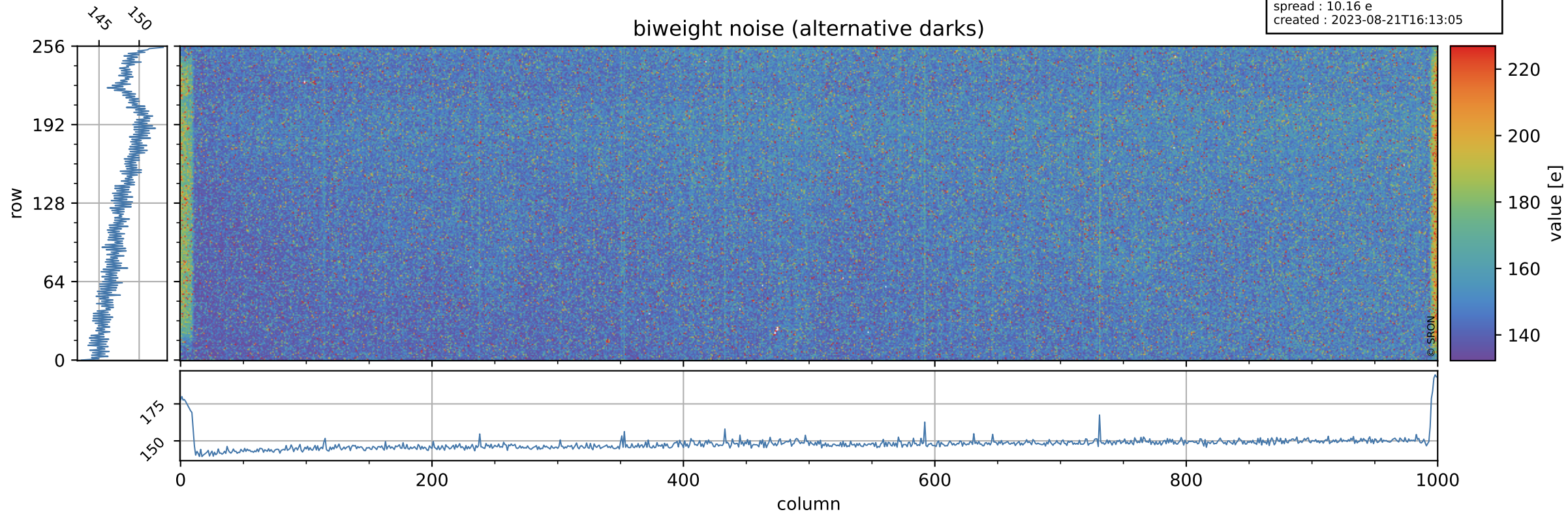
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20632, 20707]
coverage : 2021-10-05 / 2021-10-11
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.16 e
created : 2023-08-21T16:13:05

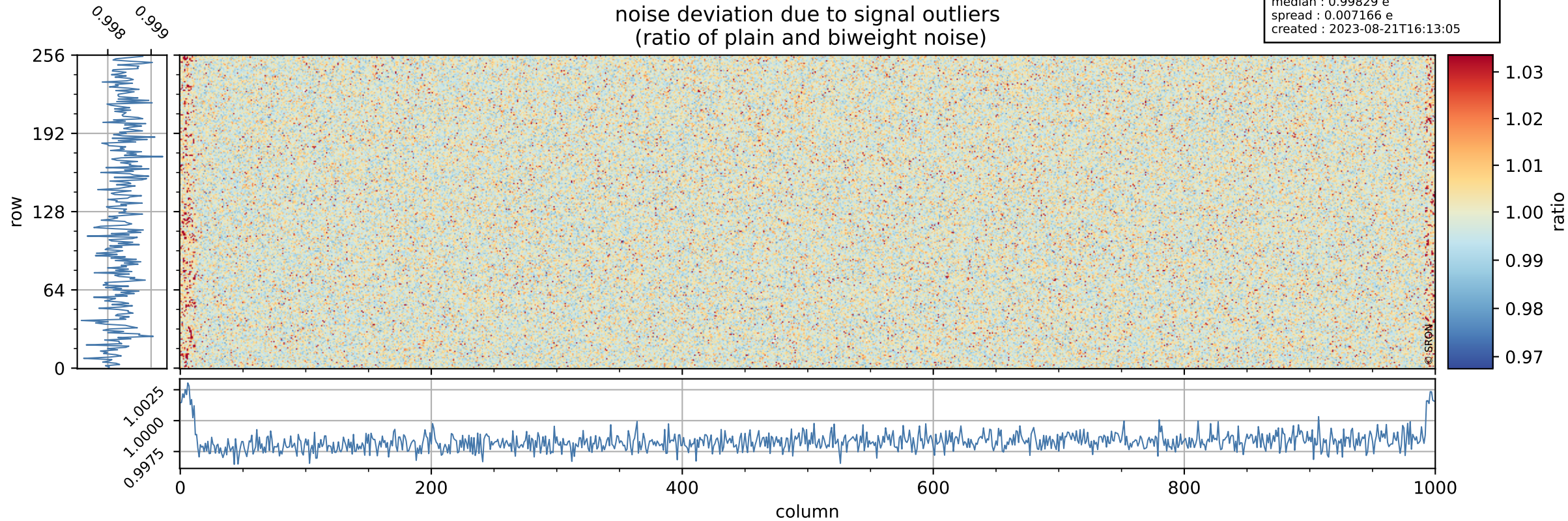
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

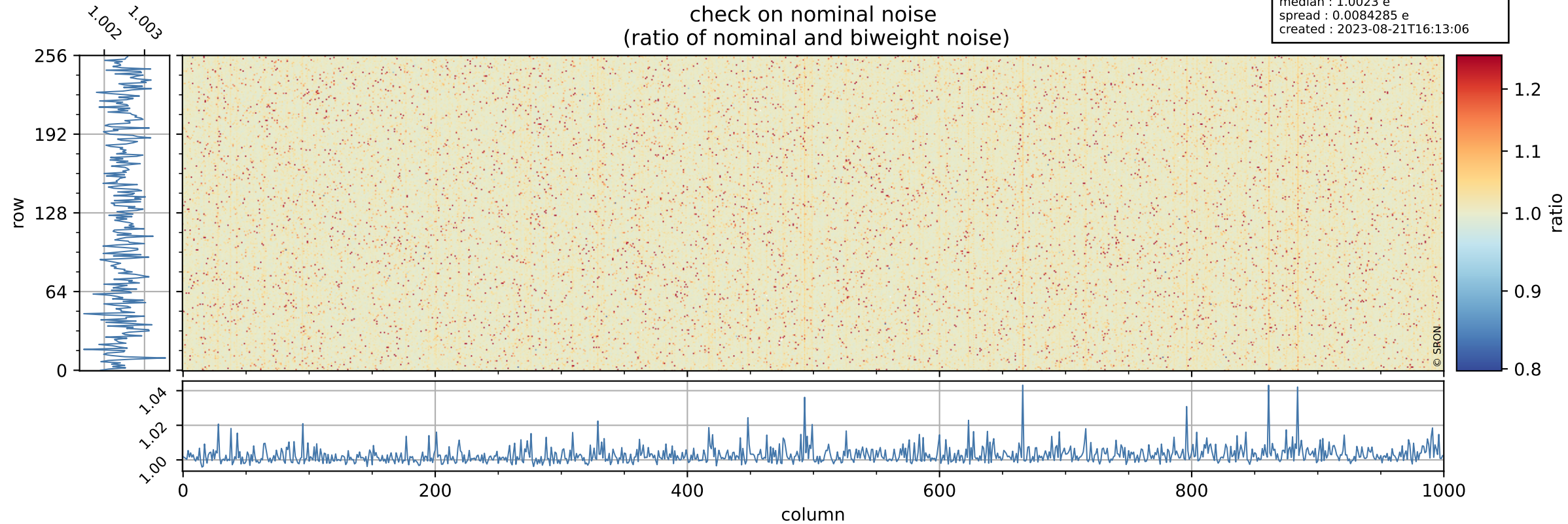
orbits : 12 in [20632, 20707]
coverage : 2021-10-05 / 2021-10-11
median : 0.99829 e
spread : 0.007166 e
created : 2023-08-21T16:13:05



Tropomi SWIR background noise (swir)

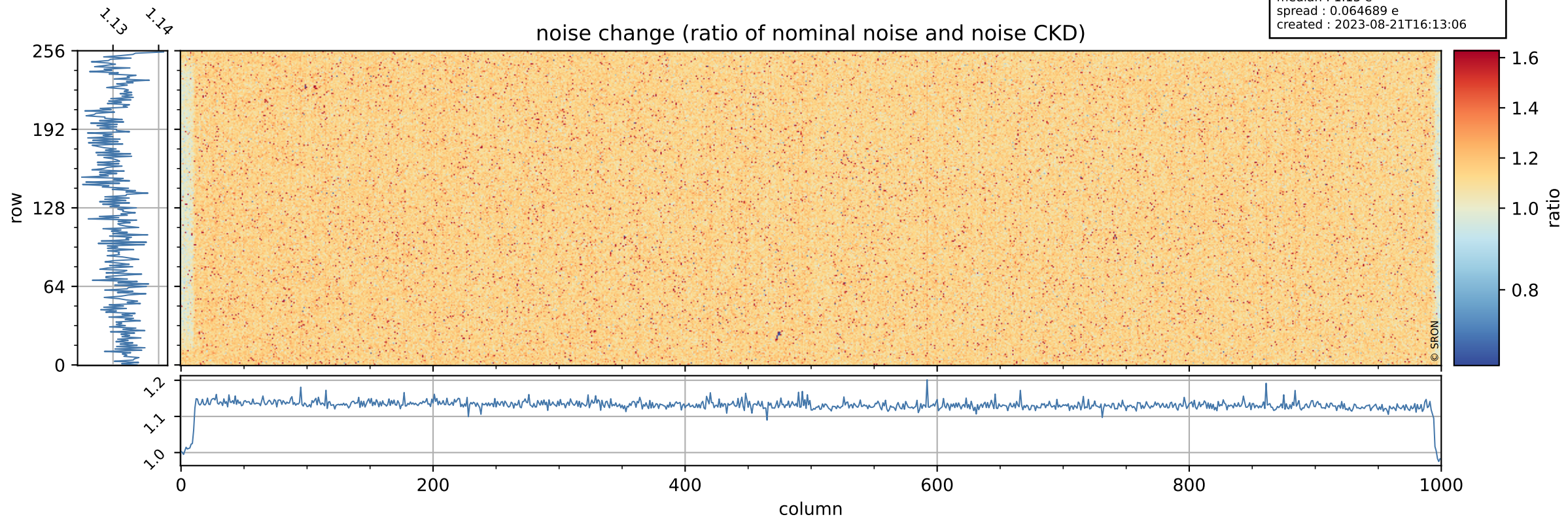
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20632, 20707]
coverage : 2021-10-05 / 2021-10-11
median : 1.0023 e
spread : 0.0084285 e
created : 2023-08-21T16:13:06



Tropomi SWIR background noise (swir)

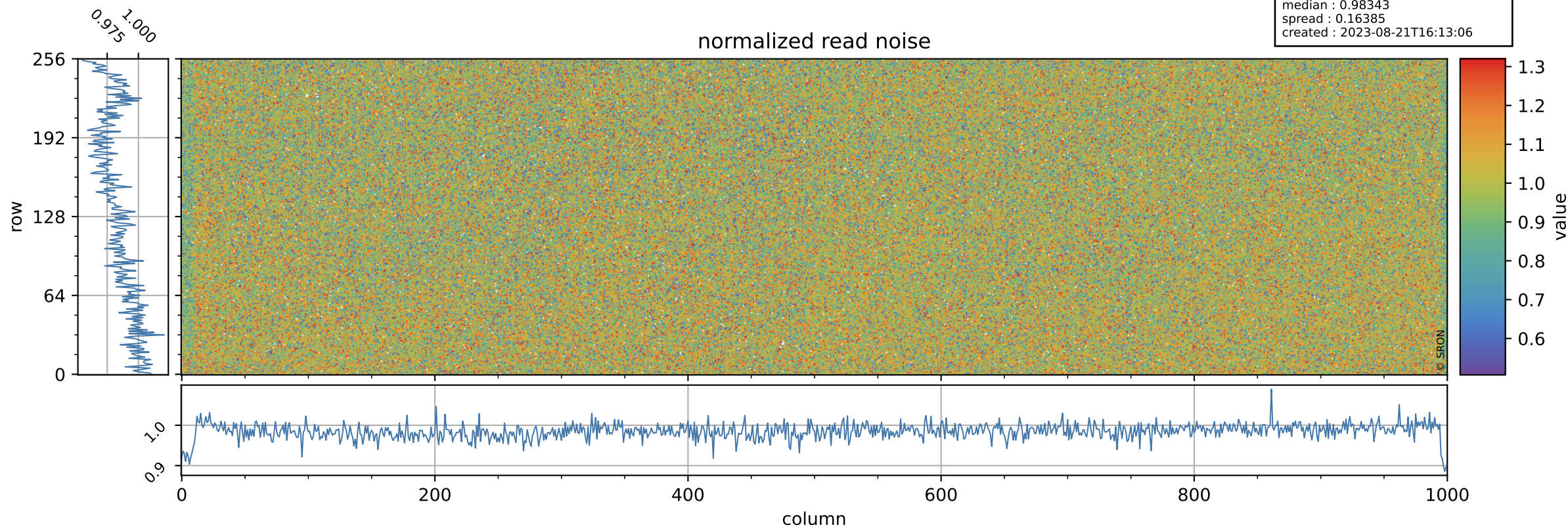
orbits : 12 in [20632, 20707]
coverage : 2021-10-05 / 2021-10-11
median : 1.13 e
spread : 0.064689 e
created : 2023-08-21T16:13:06



Tropomi SWIR background noise (swir)

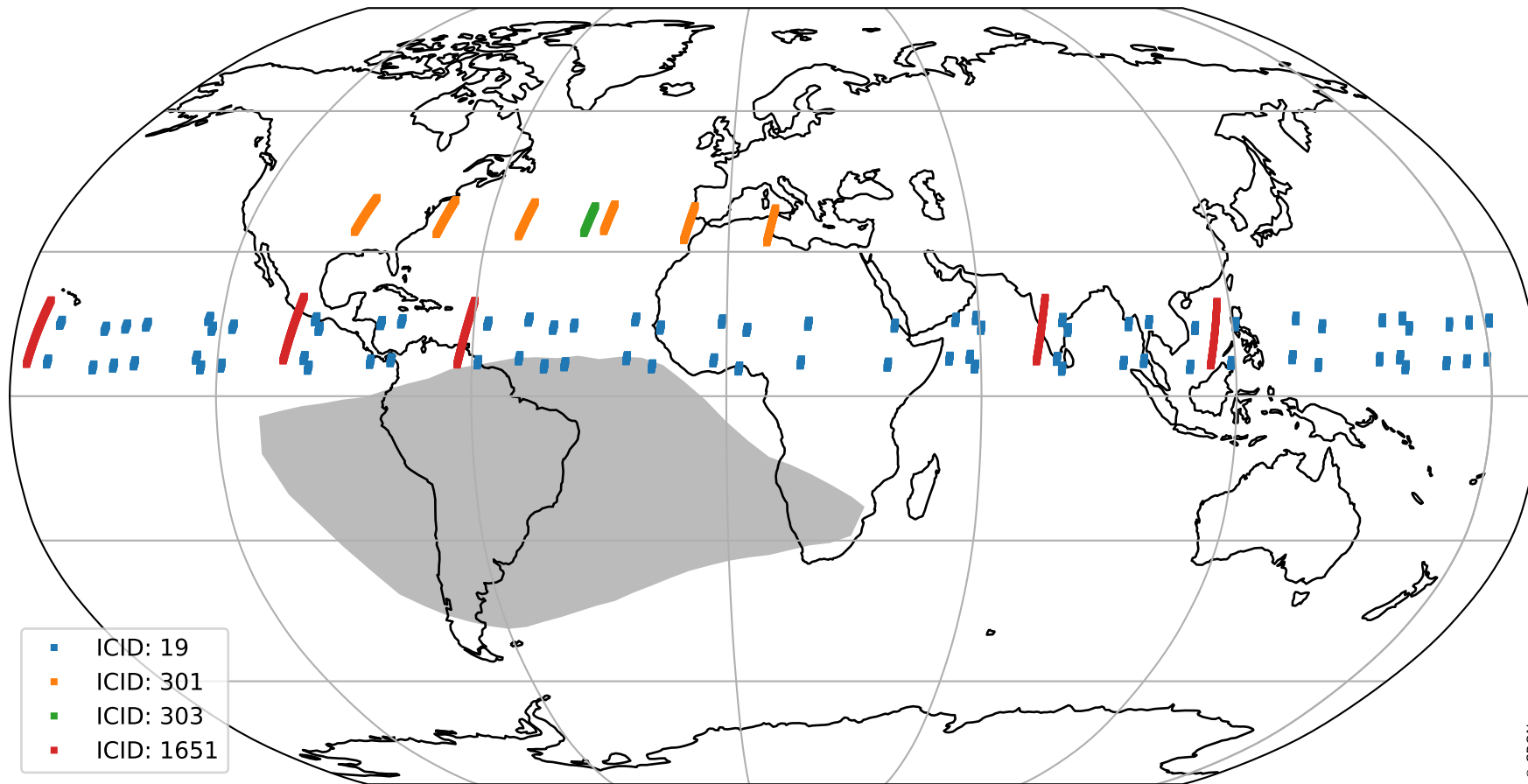
orbits : 12 in [20632, 20707]
coverage : 2021-10-05 / 2021-10-11
median : 0.98343
spread : 0.16385
created : 2023-08-21T16:13:06

normalized read noise



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

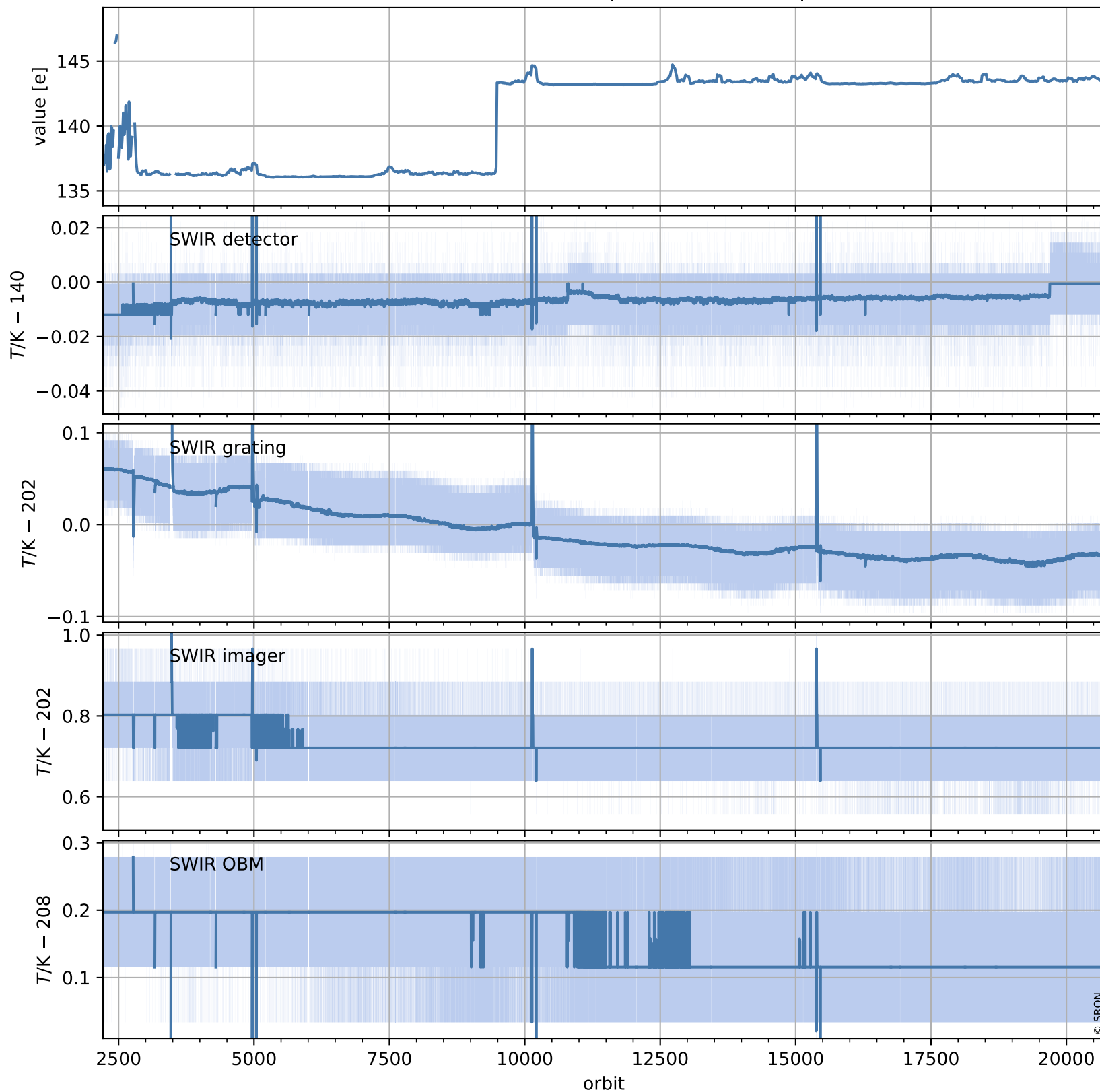
orbits : 12 in [20632, 20707]
coverage : 2021-10-05 / 2021-10-11
created : 2023-08-21T16:13:07



Tropomi SWIR background noise (swir)

orbits : [2212, 20707]
coverage : 2018-03-18 / 2021-10-11
created : 2023-08-21T16:13:07

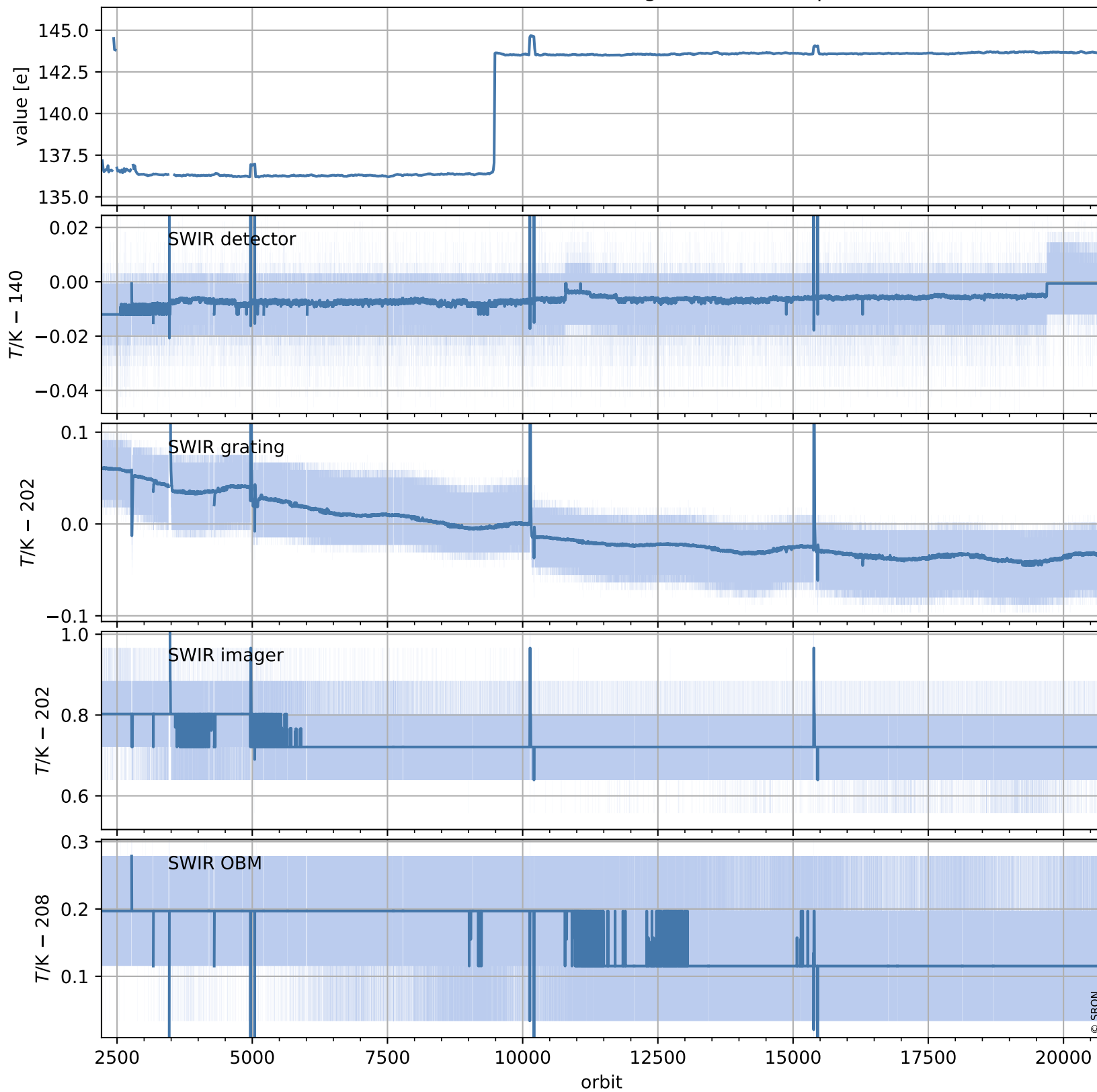
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20707]
coverage : 2018-03-18 / 2021-10-11
created : 2023-08-21T16:13:08

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20707]
coverage : 2018-03-18 / 2021-10-11
created : 2023-08-21T16:13:09

trend of normalized read-noise & temperatures

