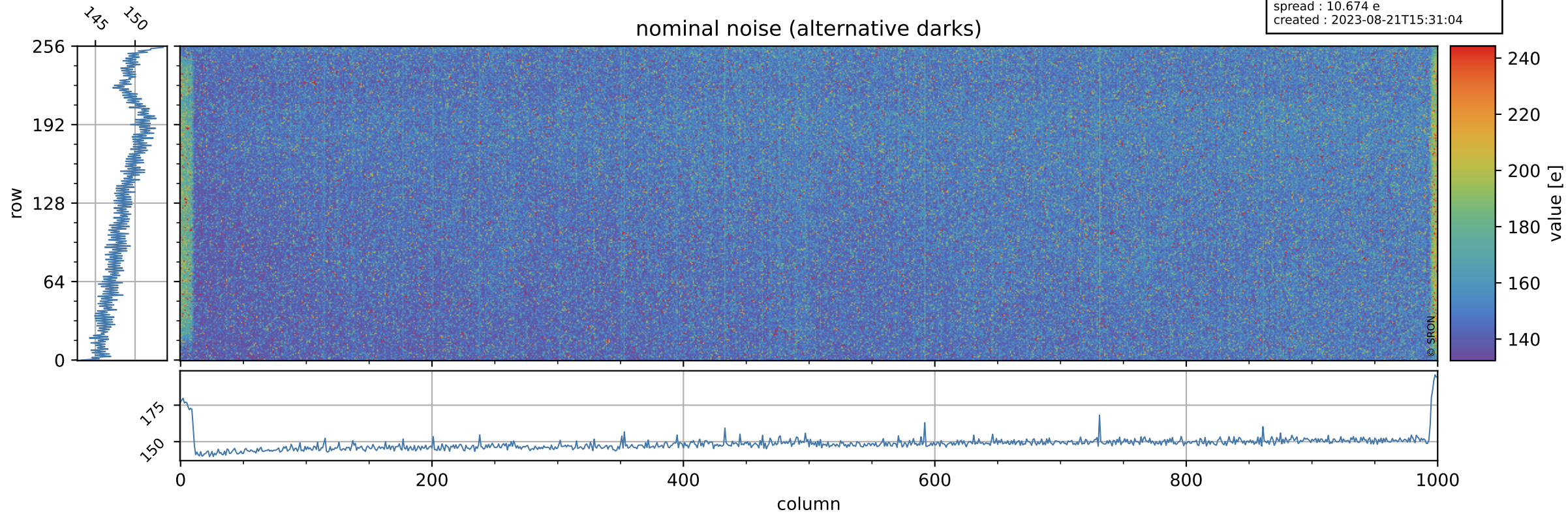


Tropomi SWIR background noise (swir)

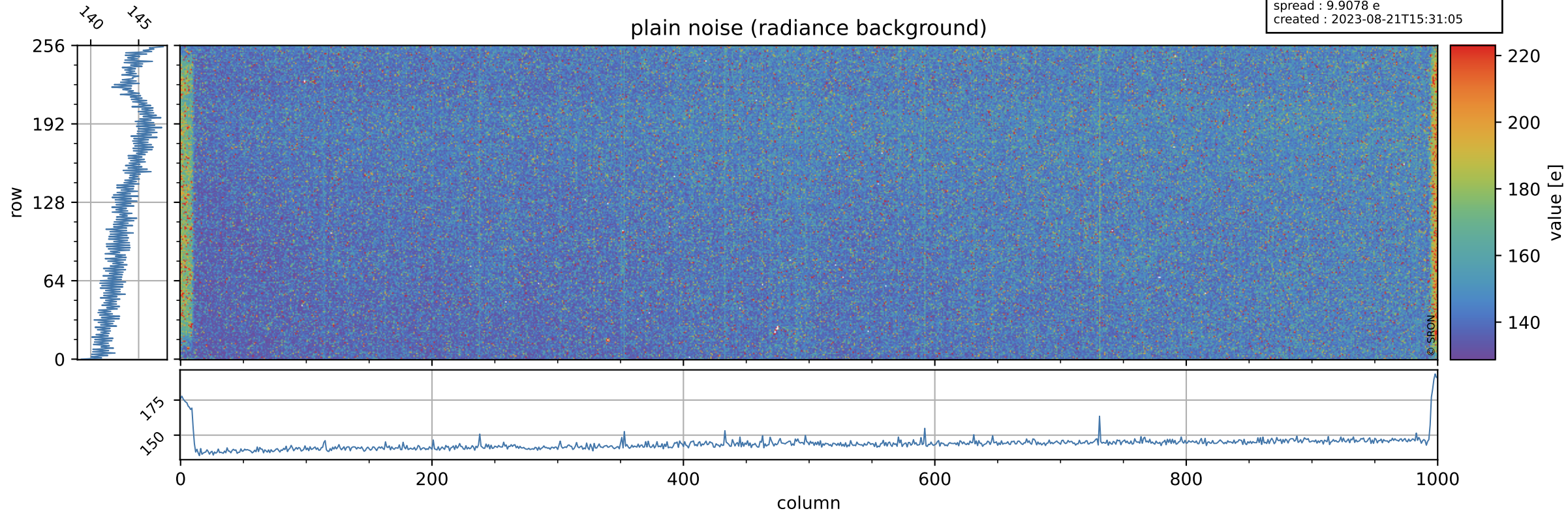
orbits : 12 in [13357, 13432]
coverage : 2020-05-11 / 2020-05-16
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.674 e
created : 2023-08-21T15:31:04



Tropomi SWIR background noise (swir)

orbits : 12 in [13357, 13432]
coverage : 2020-05-11 / 2020-05-16
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 9.9078 e
created : 2023-08-21T15:31:05

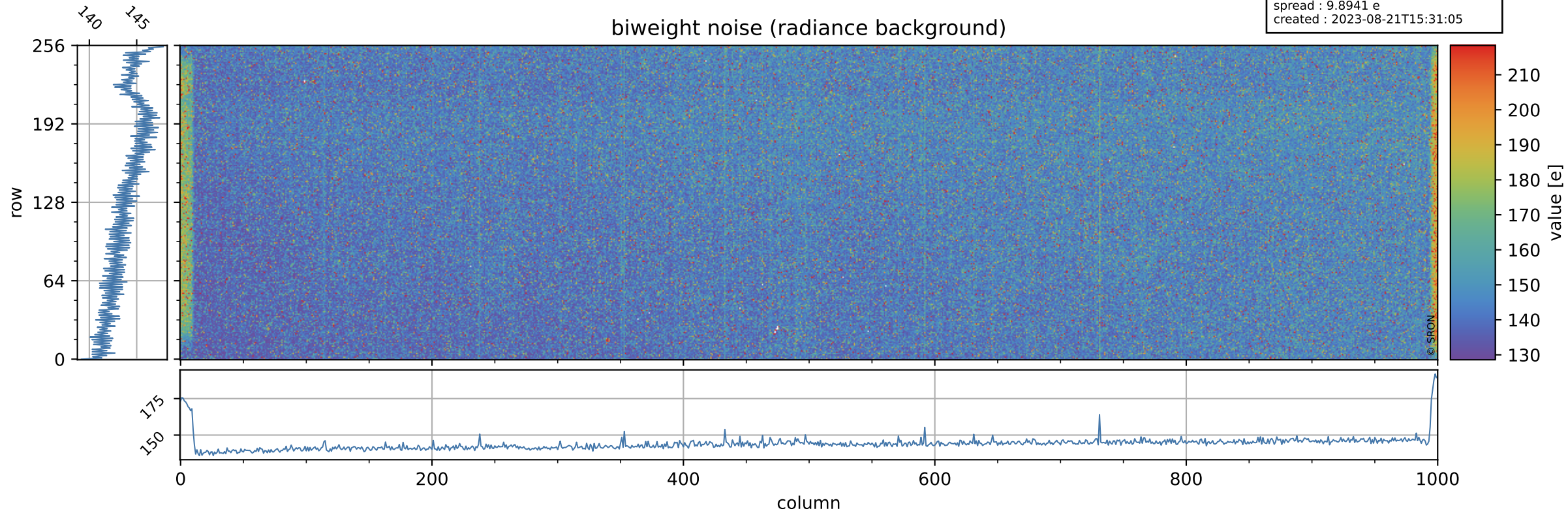
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13357, 13432]
coverage : 2020-05-11 / 2020-05-16
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.8941 e
created : 2023-08-21T15:31:05

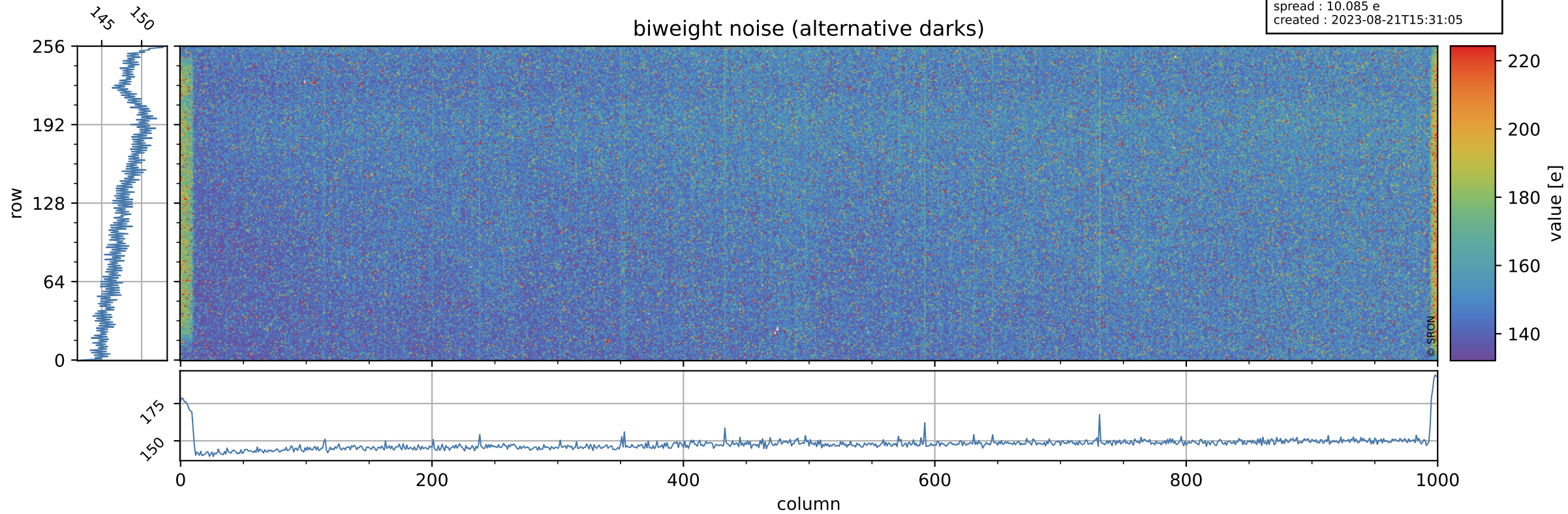
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13357, 13432]
coverage : 2020-05-11 / 2020-05-16
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.085 e
created : 2023-08-21T15:31:05

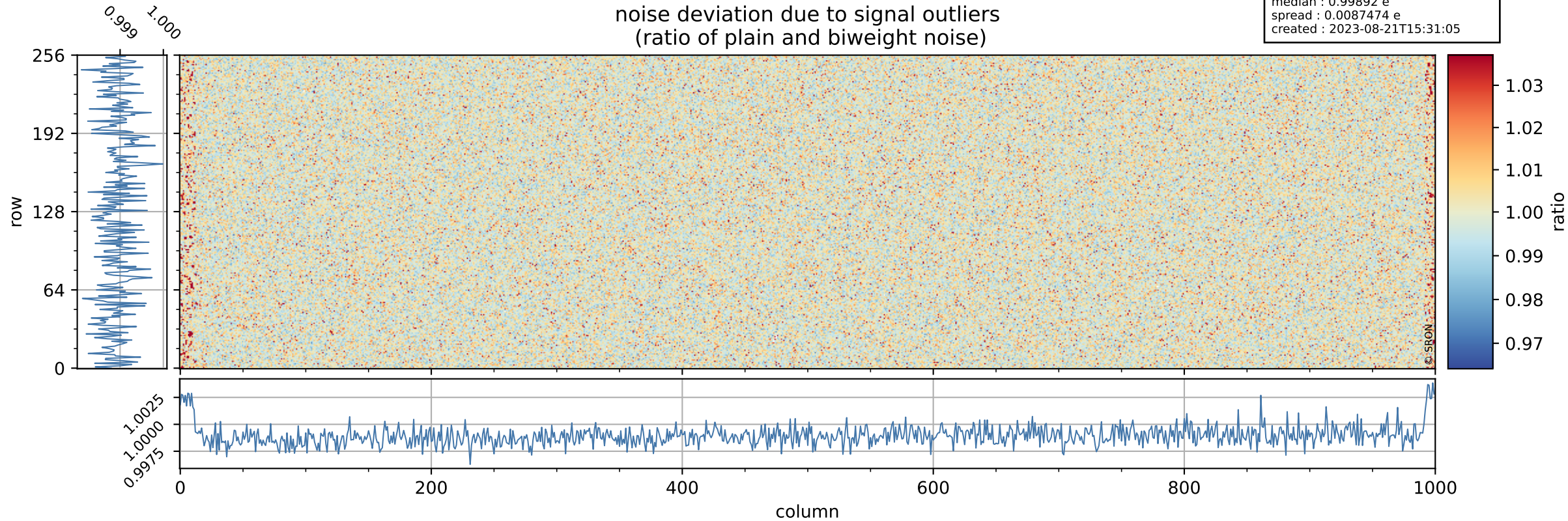
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

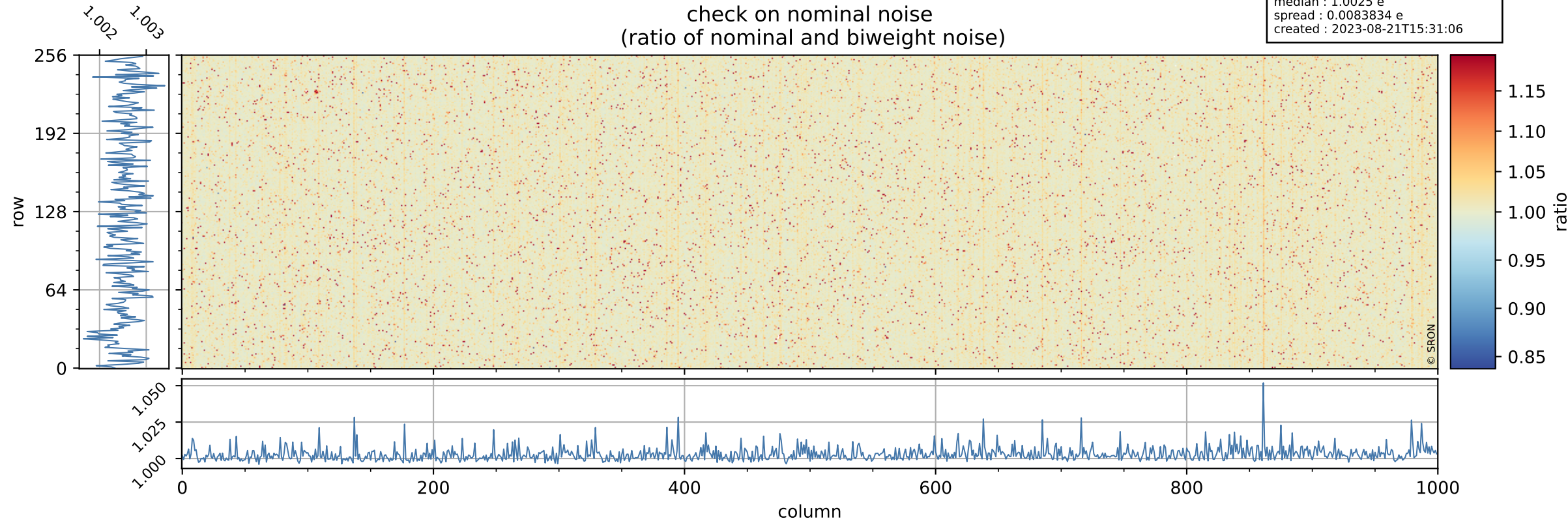
orbits : 12 in [13357, 13432]
coverage : 2020-05-11 / 2020-05-16
median : 0.99892 e
spread : 0.0087474 e
created : 2023-08-21T15:31:05



Tropomi SWIR background noise (swir)

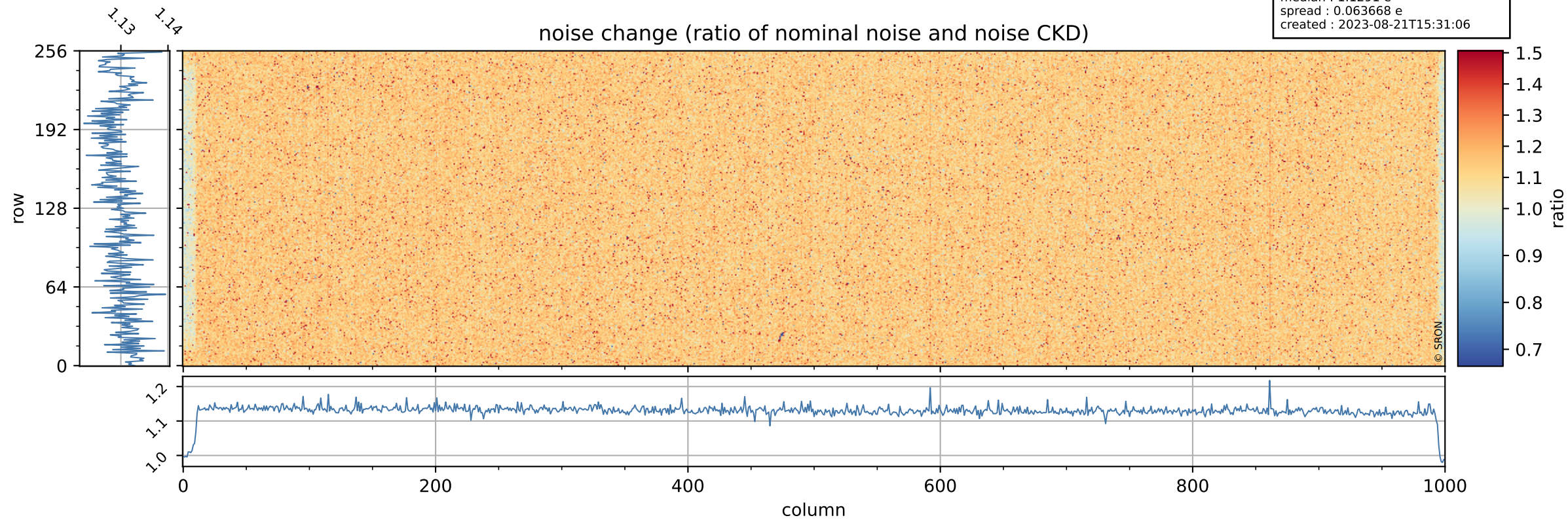
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13357, 13432]
coverage : 2020-05-11 / 2020-05-16
median : 1.0025 e
spread : 0.0083834 e
created : 2023-08-21T15:31:06



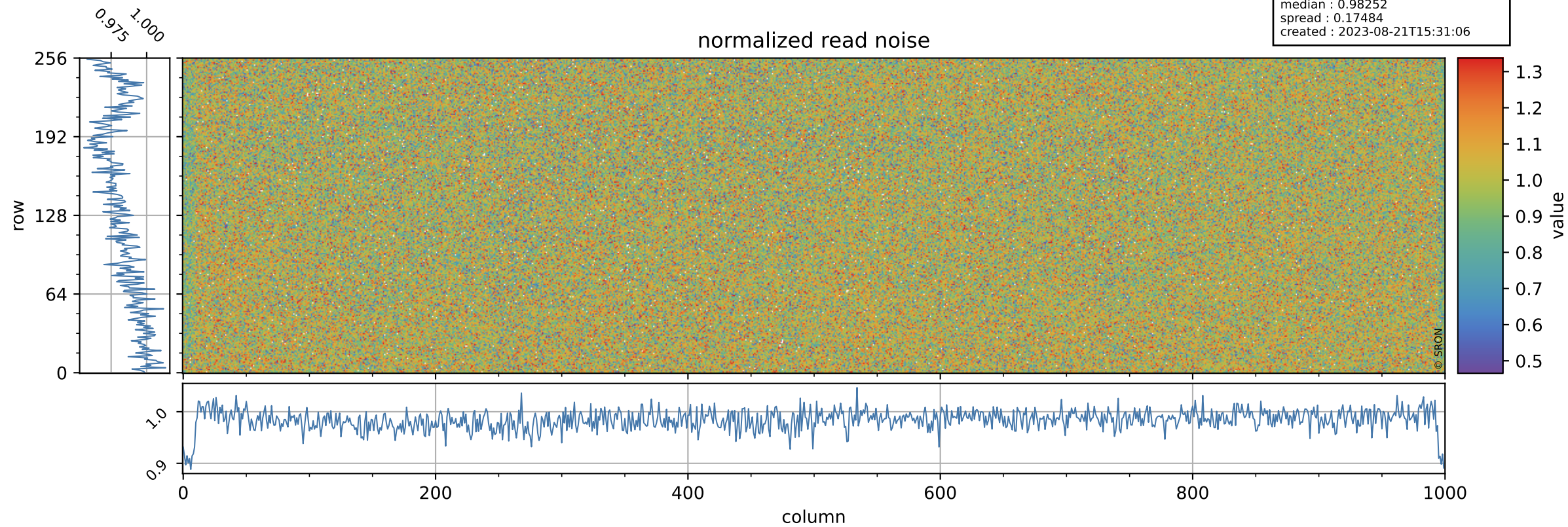
Tropomi SWIR background noise (swir)

orbits : 12 in [13357, 13432]
coverage : 2020-05-11 / 2020-05-16
median : 1.1291 e
spread : 0.063668 e
created : 2023-08-21T15:31:06



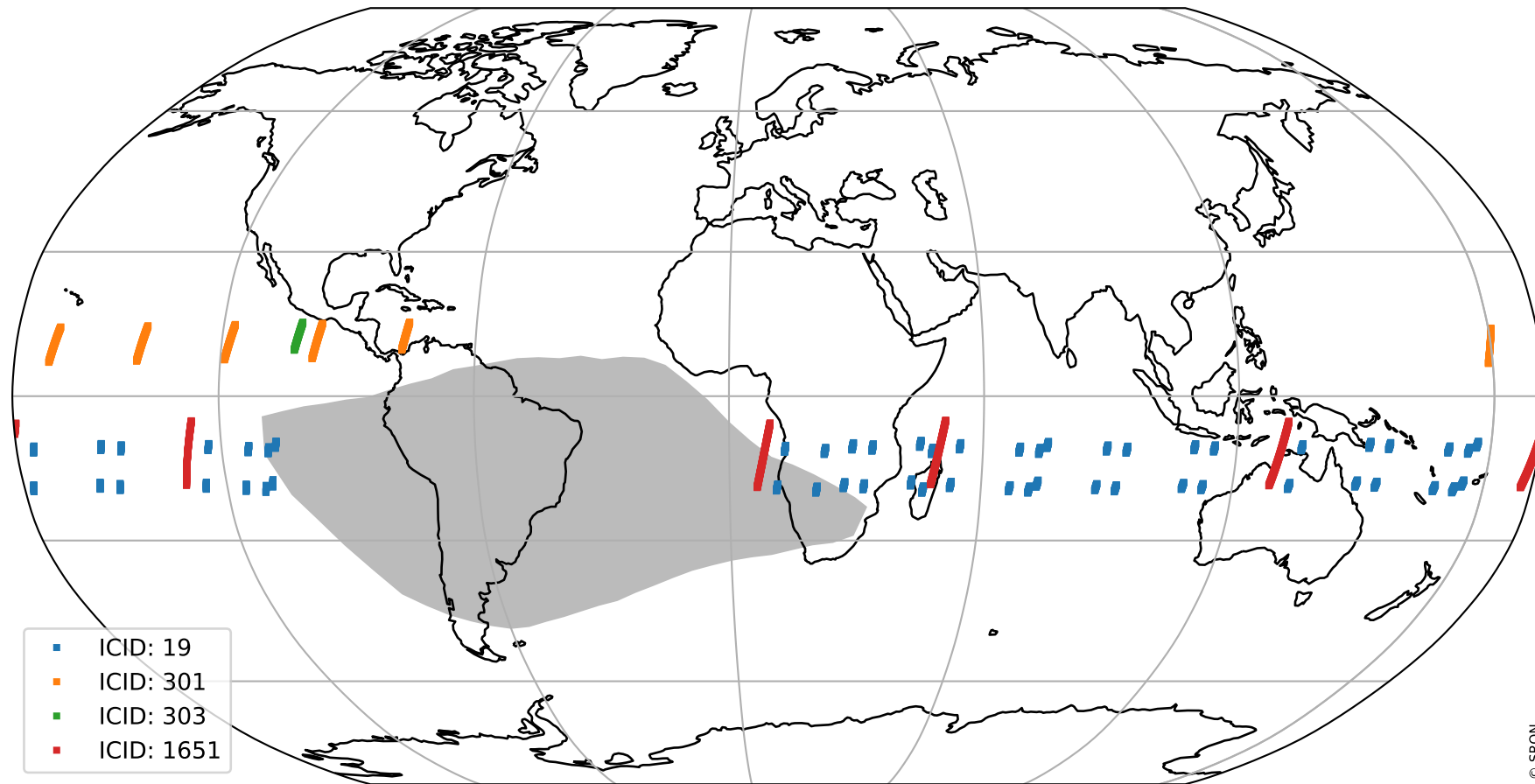
Tropomi SWIR background noise (swir)

orbits : 12 in [13357, 13432]
coverage : 2020-05-11 / 2020-05-16
median : 0.98252
spread : 0.17484
created : 2023-08-21T15:31:06



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

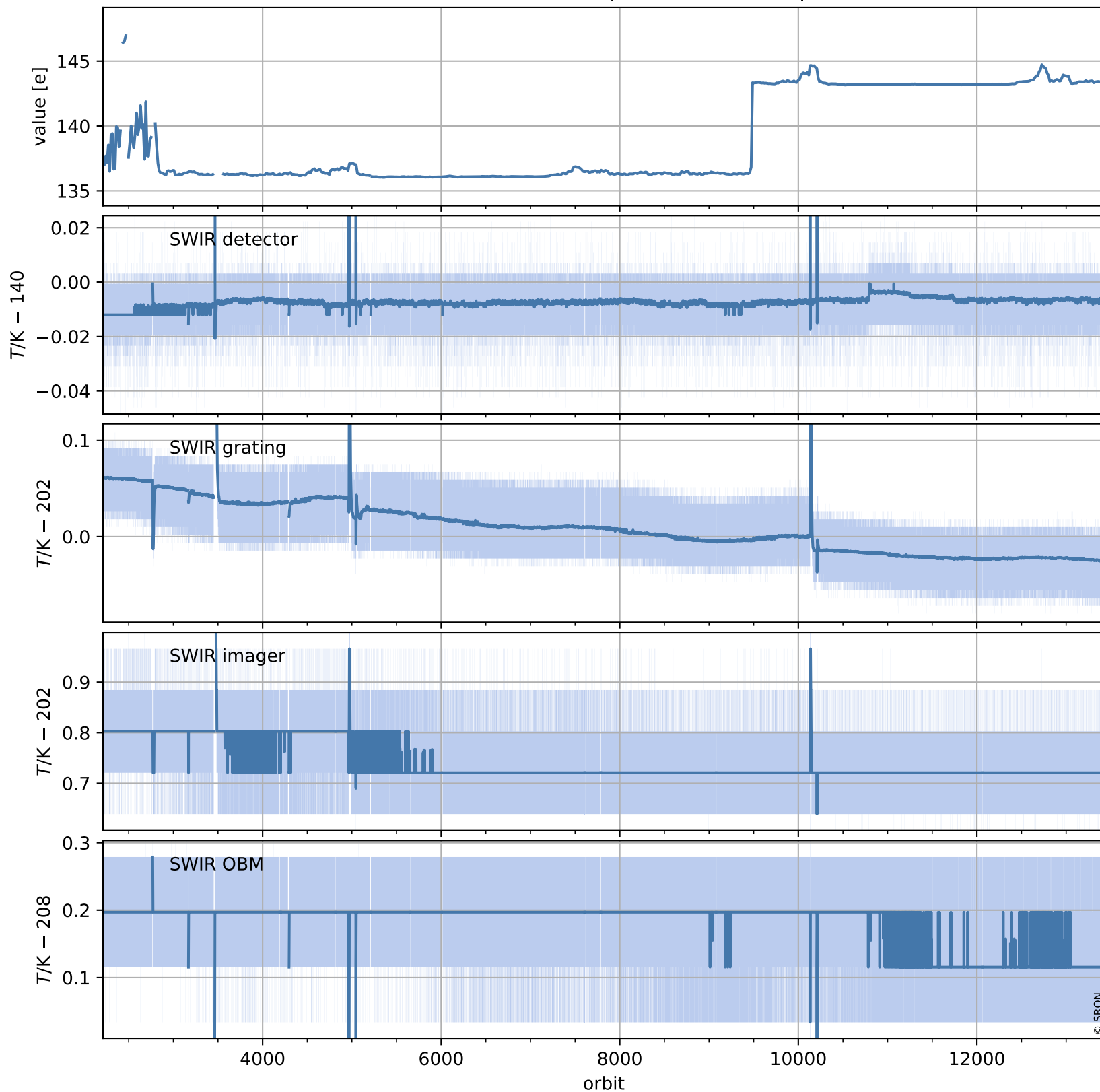
orbits : 12 in [13357, 13432]
coverage : 2020-05-11 / 2020-05-16
created : 2023-08-21T15:31:06



Tropomi SWIR background noise (swir)

orbits : [2212, 13432]
coverage : 2018-03-18 / 2020-05-16
created : 2023-08-21T15:31:07

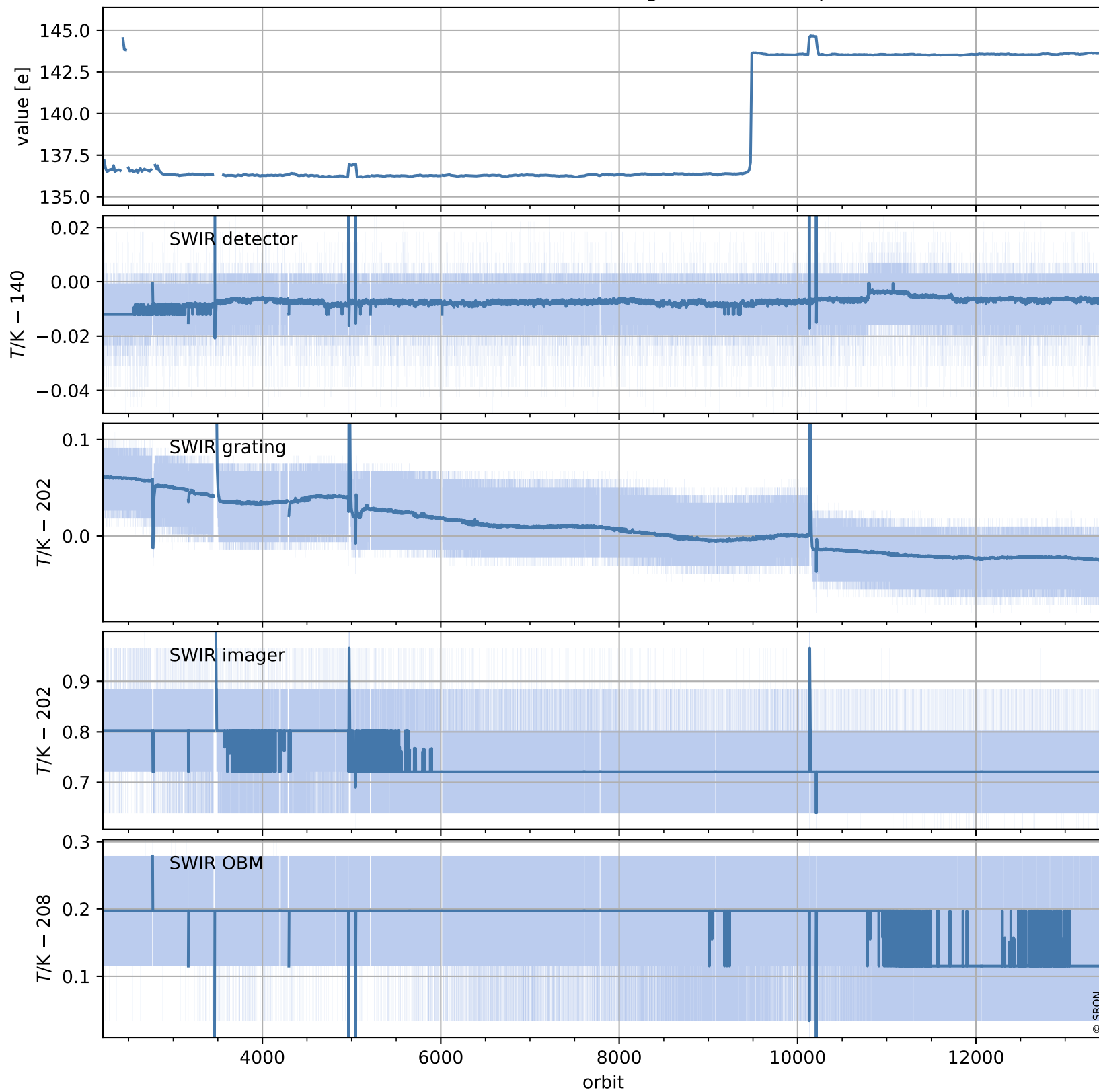
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13432]
coverage : 2018-03-18 / 2020-05-16
created : 2023-08-21T15:31:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13432]
coverage : 2018-03-18 / 2020-05-16
created : 2023-08-21T15:31:08

trend of normalized read-noise & temperatures

