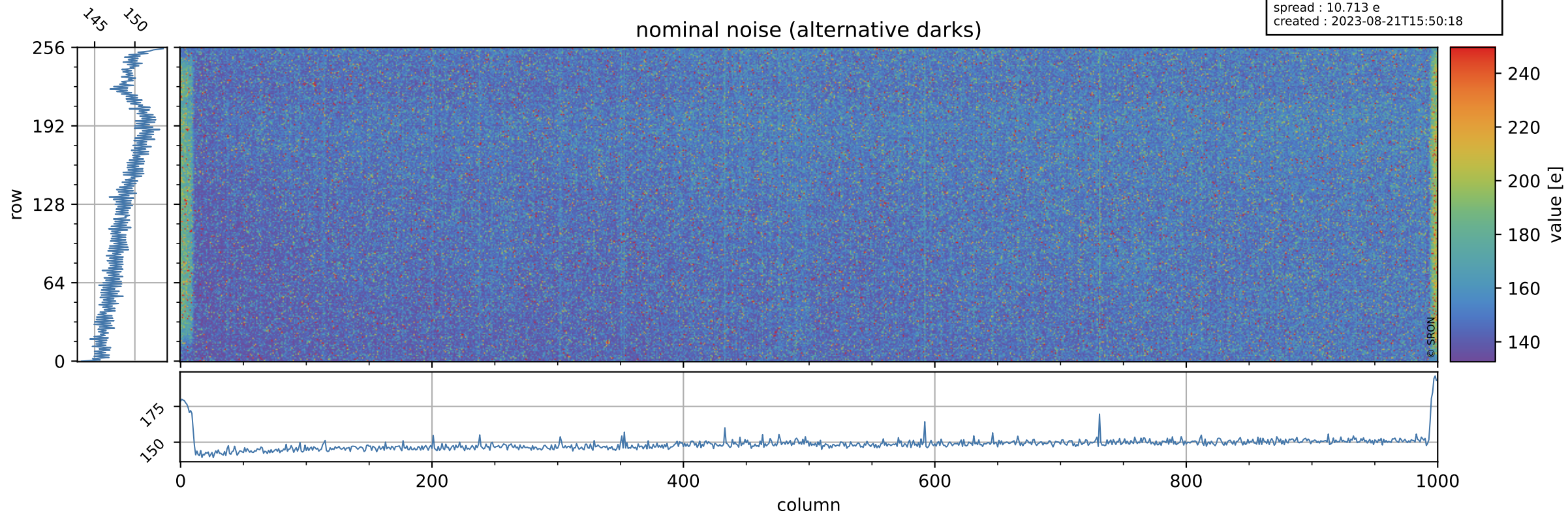


Tropomi SWIR background noise (swir)

orbits : 13 in [16807, 16897]
coverage : 2021-01-10 / 2021-01-16
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.713 e
created : 2023-08-21T15:50:18

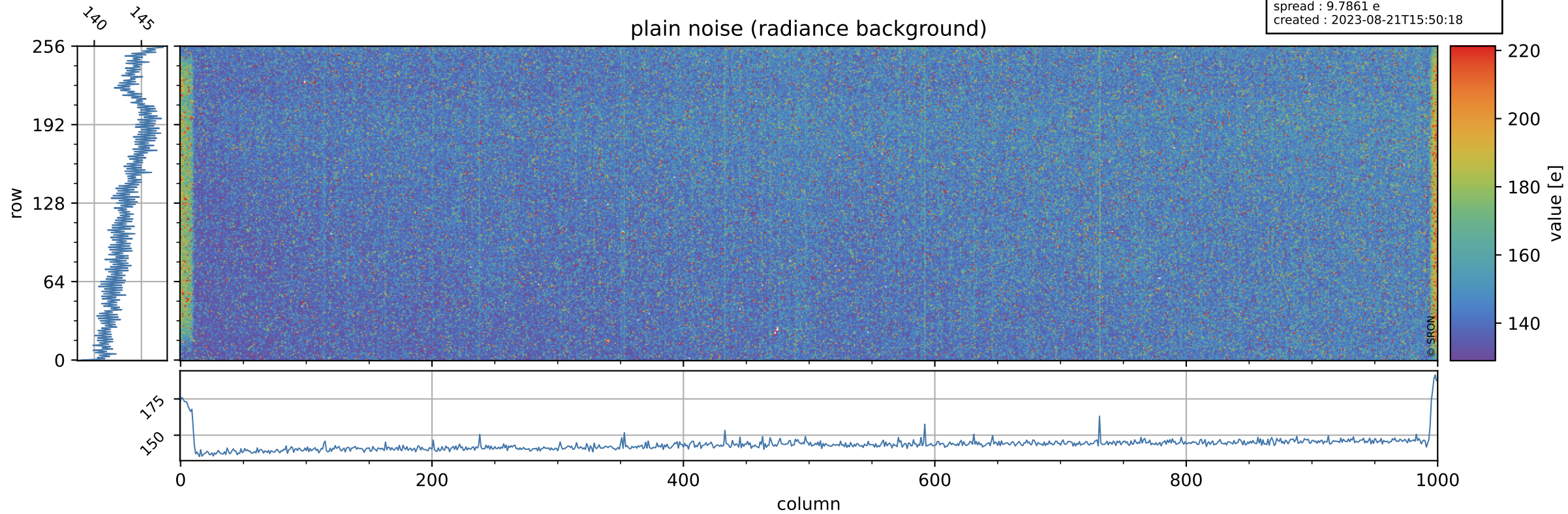
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [16807, 16897]
coverage : 2021-01-10 / 2021-01-16
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7861 e
created : 2023-08-21T15:50:18

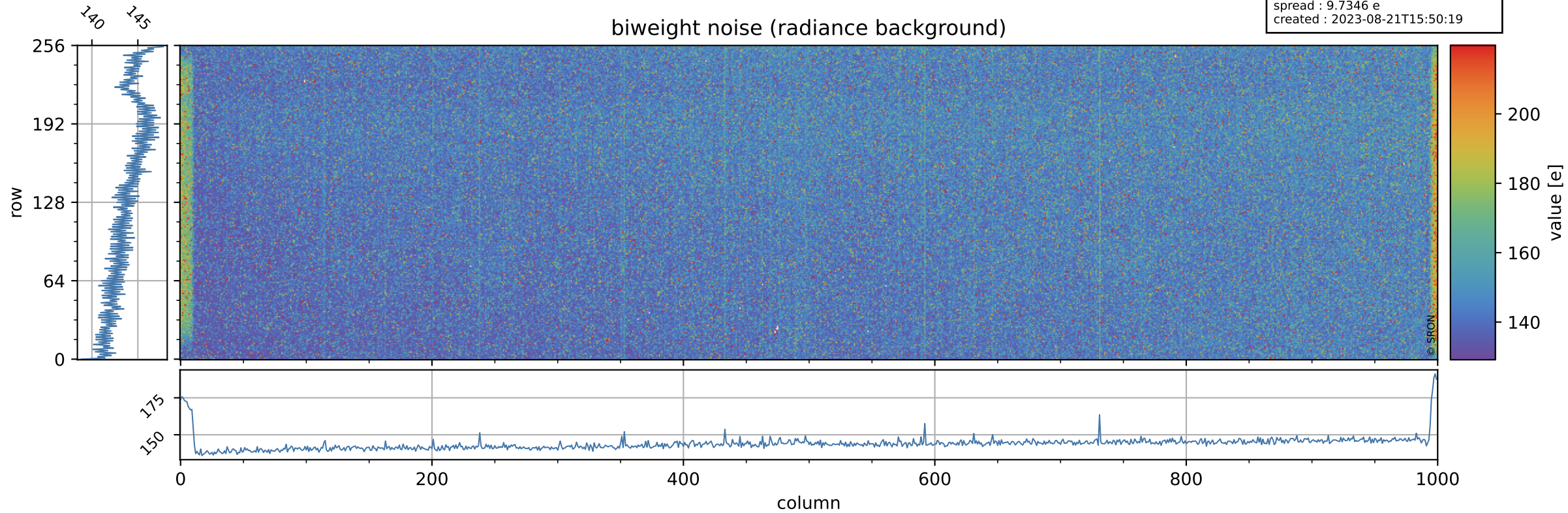
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16807, 16897]
coverage : 2021-01-10 / 2021-01-16
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7346 e
created : 2023-08-21T15:50:19

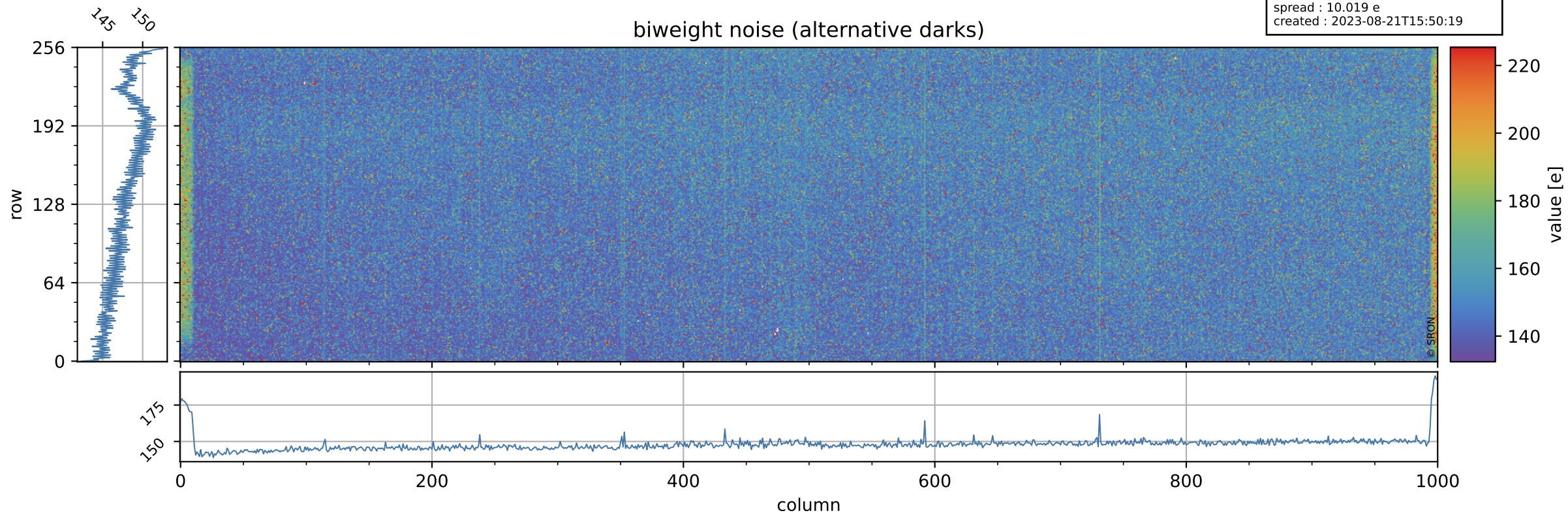
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16807, 16897]
coverage : 2021-01-10 / 2021-01-16
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.019 e
created : 2023-08-21T15:50:19

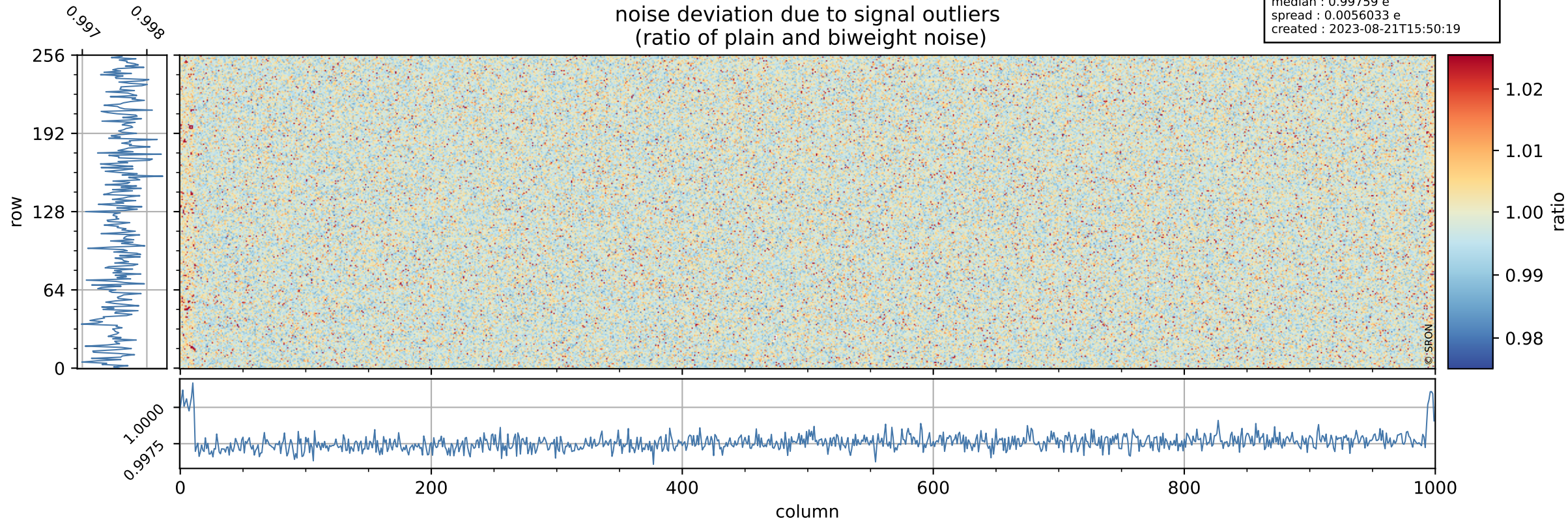
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

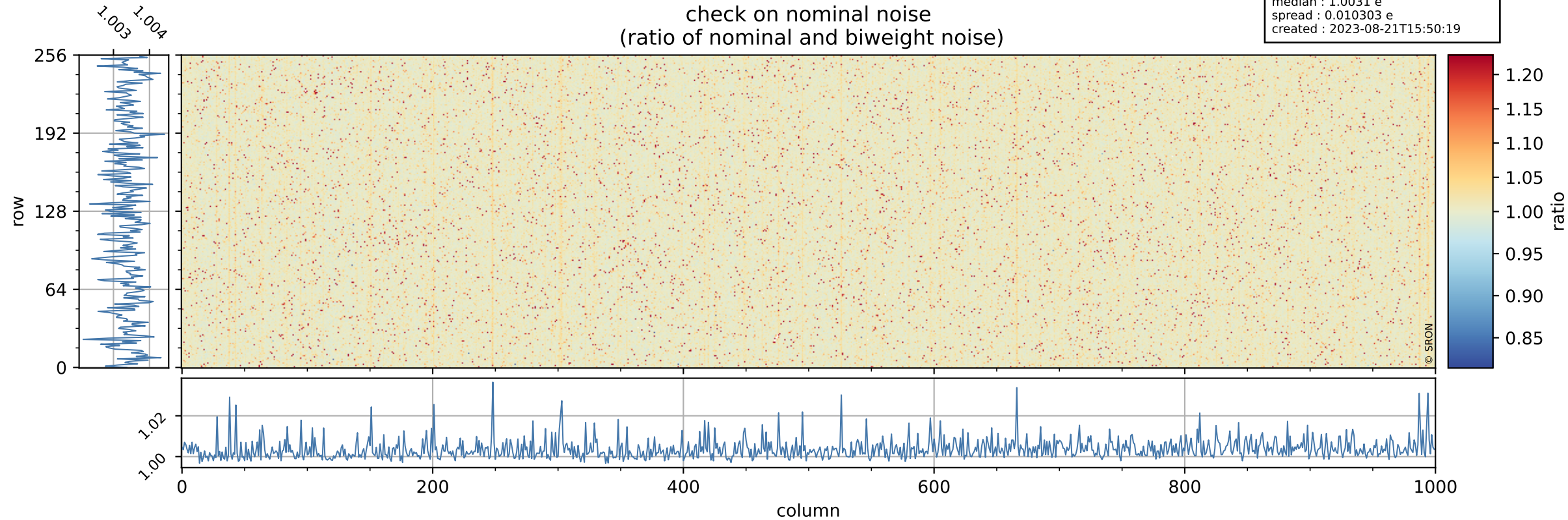
orbits : 13 in [16807, 16897]
coverage : 2021-01-10 / 2021-01-16
median : 0.99759 e
spread : 0.0056033 e
created : 2023-08-21T15:50:19



Tropomi SWIR background noise (swir)

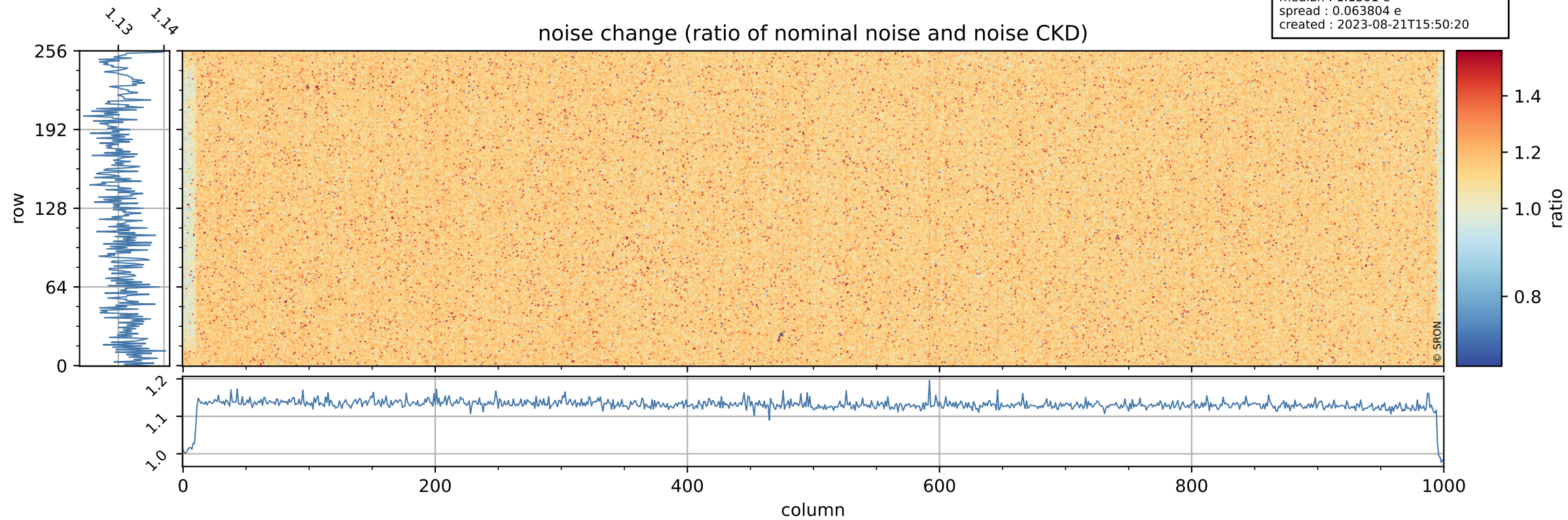
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [16807, 16897]
coverage : 2021-01-10 / 2021-01-16
median : 1.0031 e
spread : 0.010303 e
created : 2023-08-21T15:50:19



Tropomi SWIR background noise (swir)

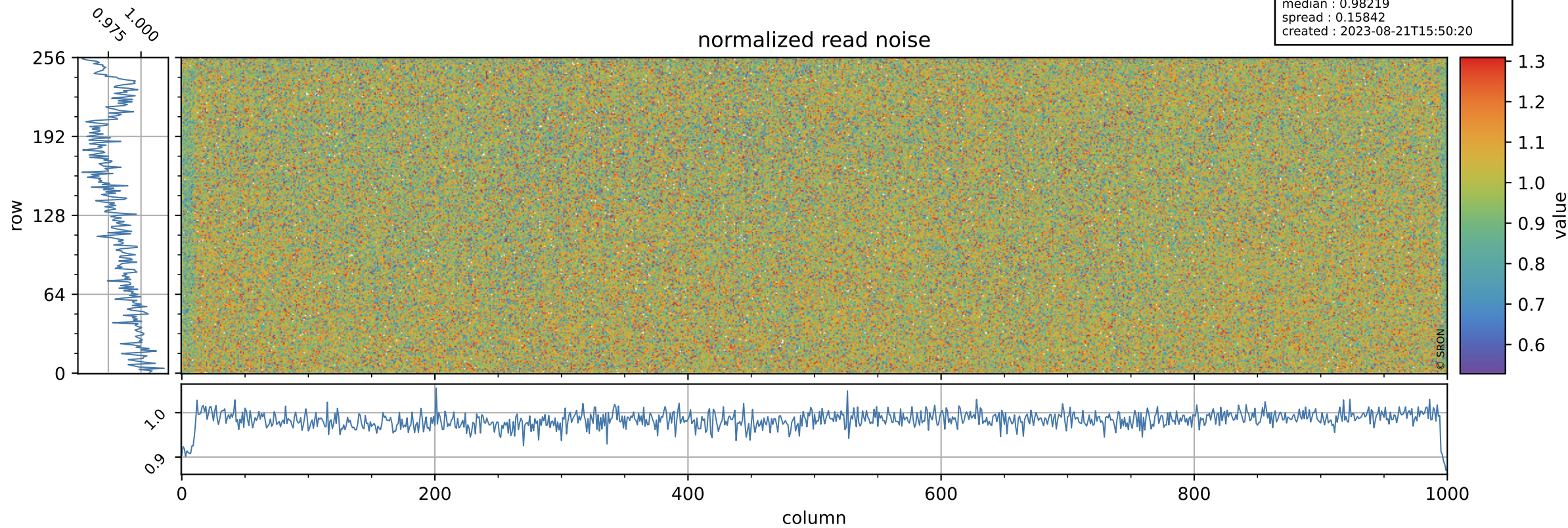
orbits : 13 in [16807, 16897]
coverage : 2021-01-10 / 2021-01-16
median : 1.1301 e
spread : 0.063804 e
created : 2023-08-21T15:50:20



Tropomi SWIR background noise (swir)

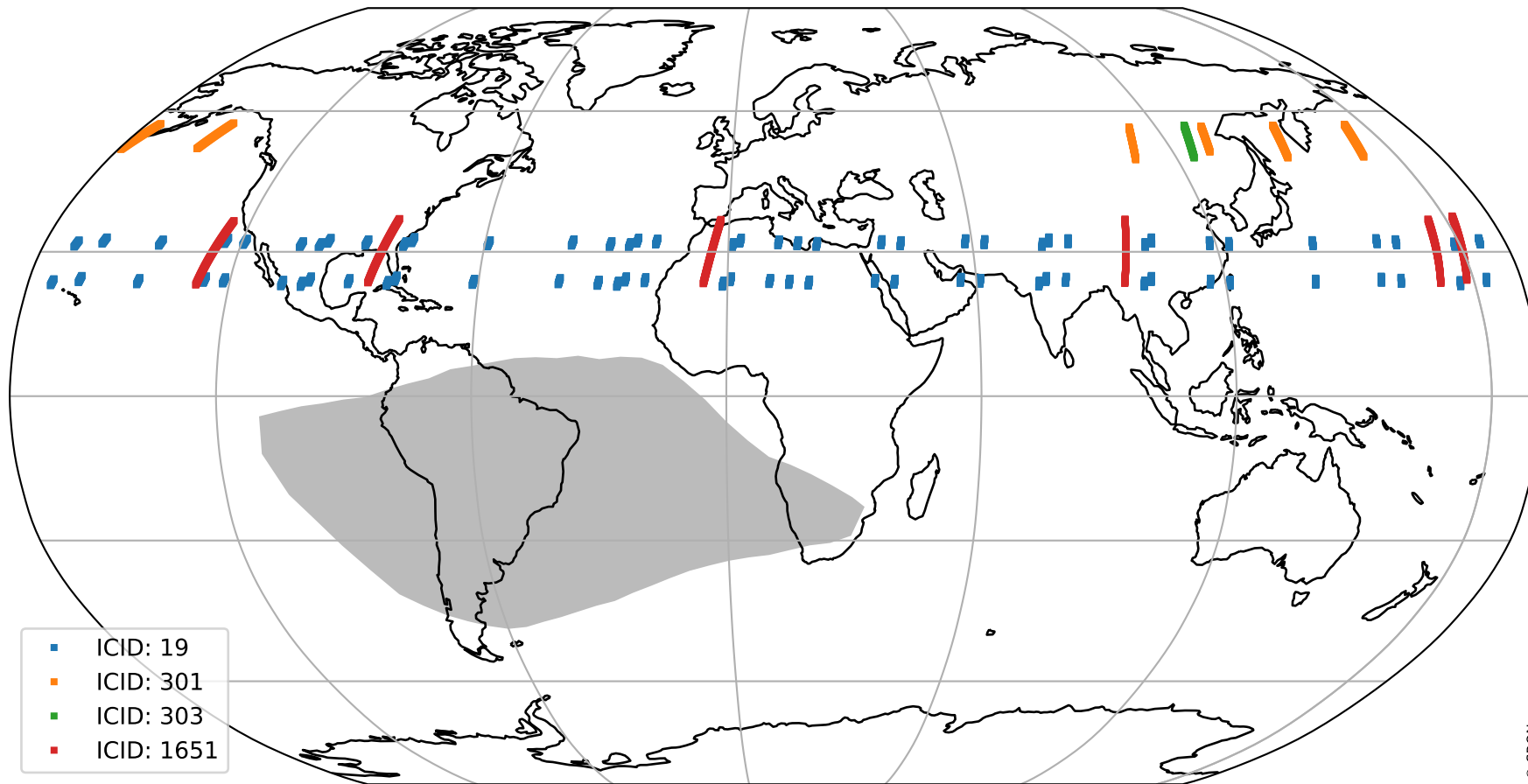
orbits : 13 in [16807, 16897]
coverage : 2021-01-10 / 2021-01-16
median : 0.98219
spread : 0.15842
created : 2023-08-21T15:50:20

normalized read noise



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

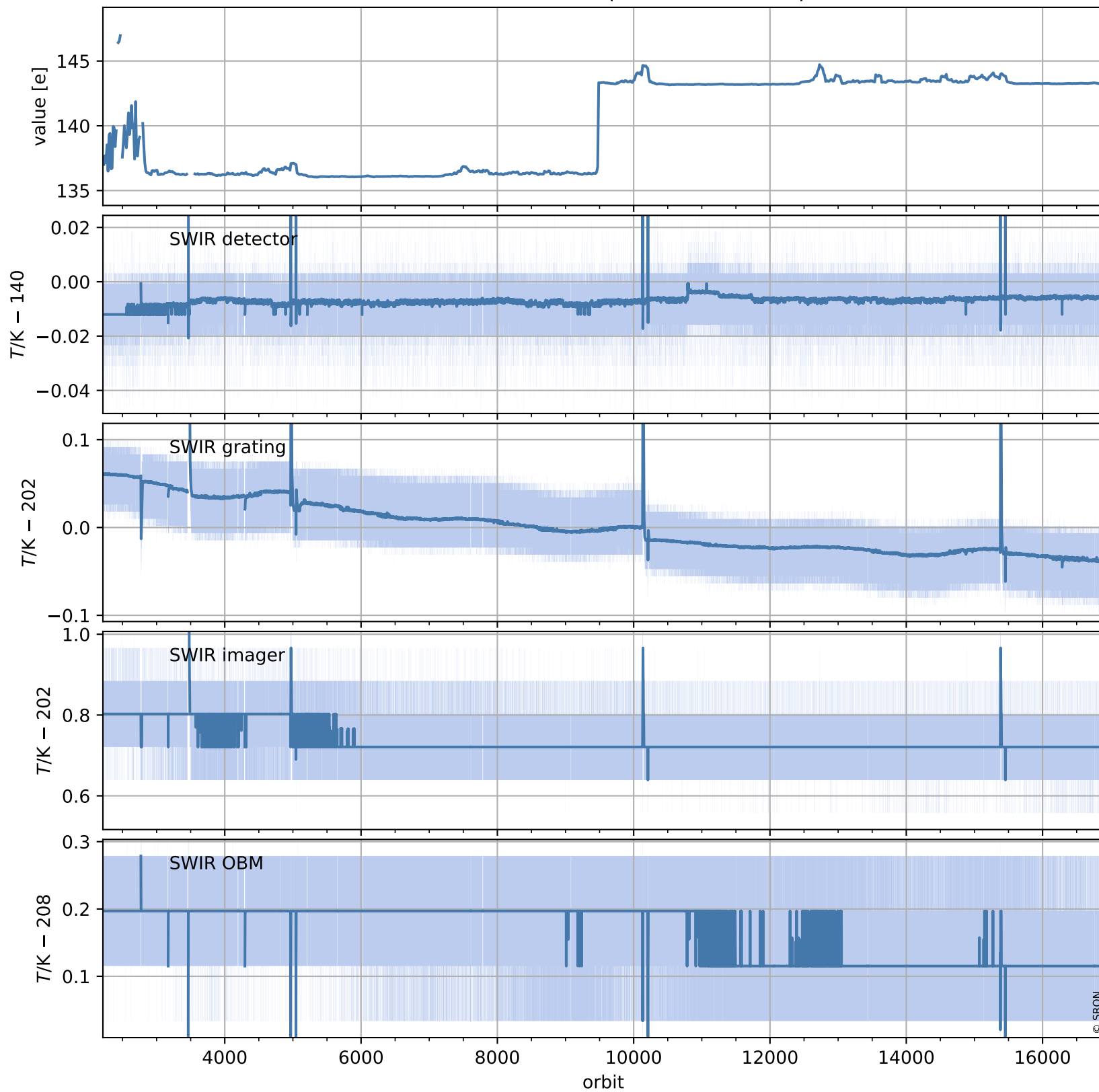
orbits : 13 in [16807, 16897]
coverage : 2021-01-10 / 2021-01-16
created : 2023-08-21T15:50:20



Tropomi SWIR background noise (swir)

orbits : [2212, 16897]
coverage : 2018-03-18 / 2021-01-16
created : 2023-08-21T15:50:21

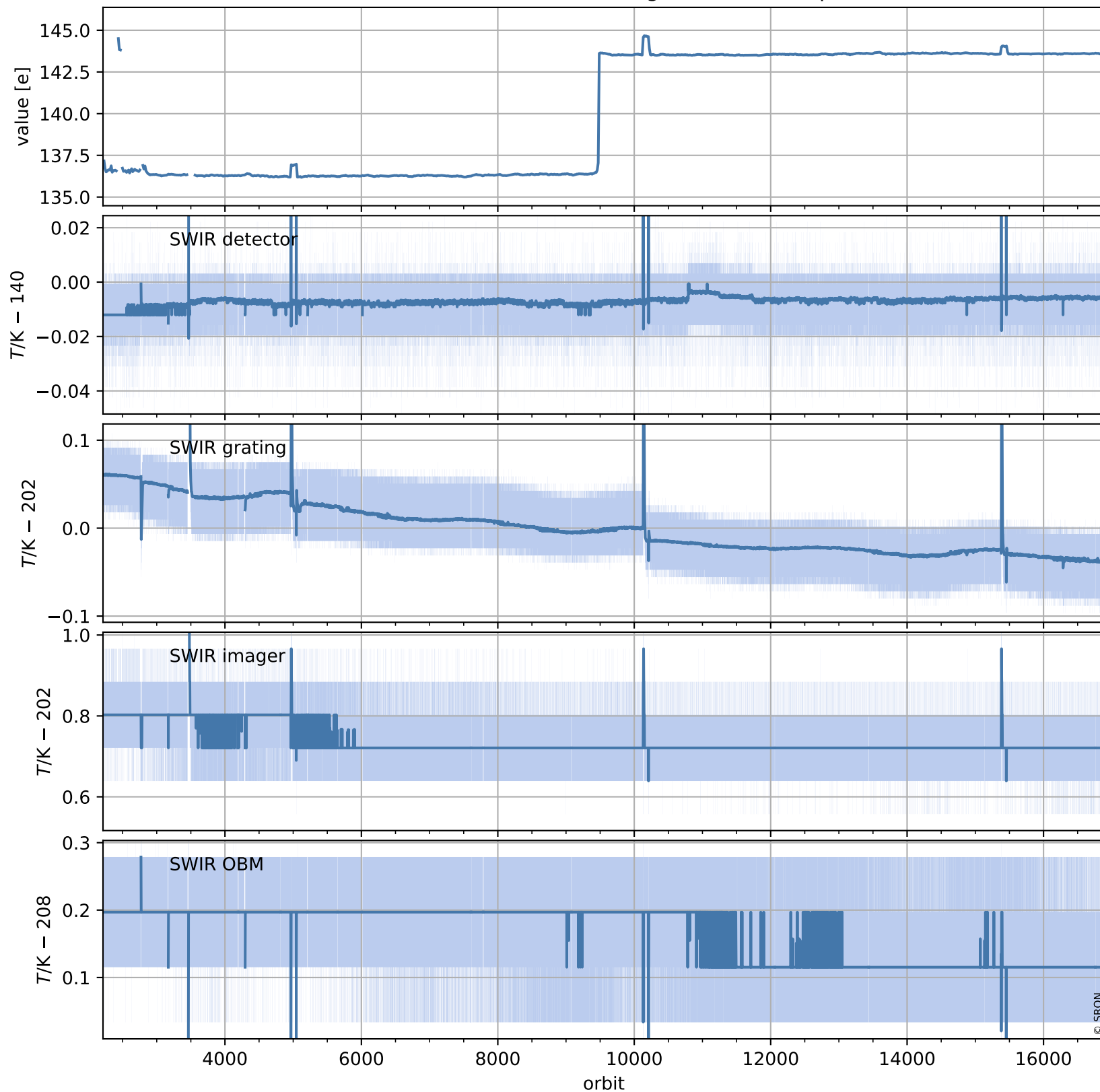
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16897]
coverage : 2018-03-18 / 2021-01-16
created : 2023-08-21T15:50:21

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16897]
coverage : 2018-03-18 / 2021-01-16
created : 2023-08-21T15:50:22

trend of normalized read-noise & temperatures

