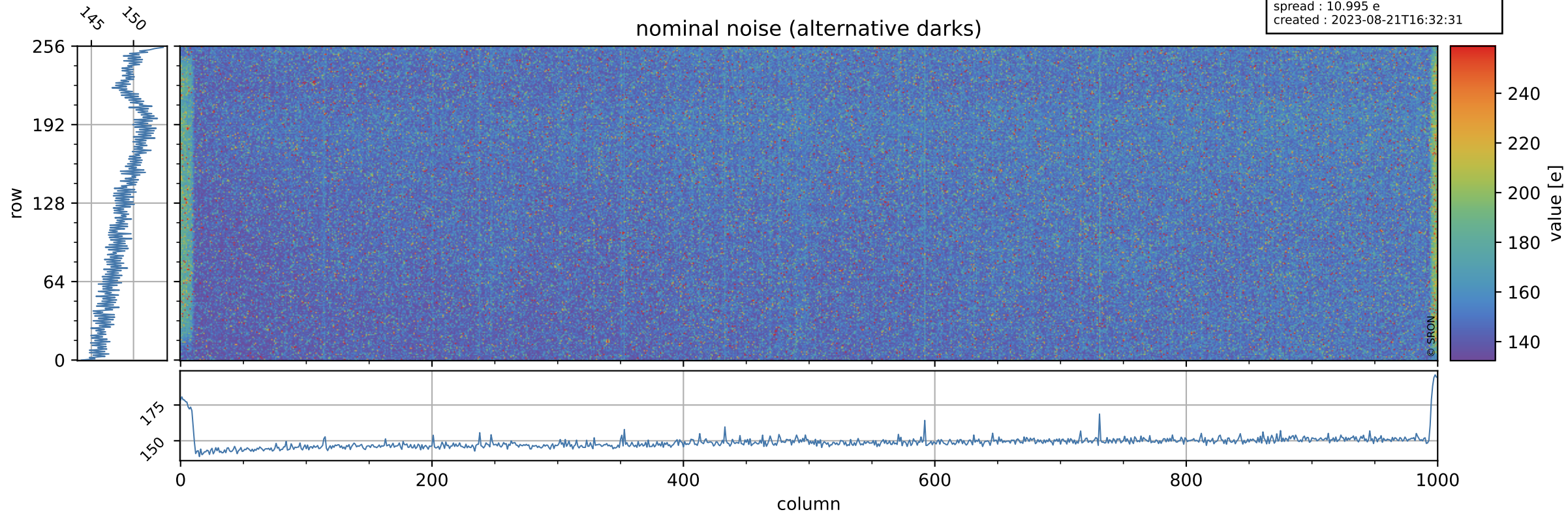


Tropomi SWIR background noise (swir)

orbits : 12 in [23707, 23782]
coverage : 2022-05-10 / 2022-05-16
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.995 e
created : 2023-08-21T16:32:31

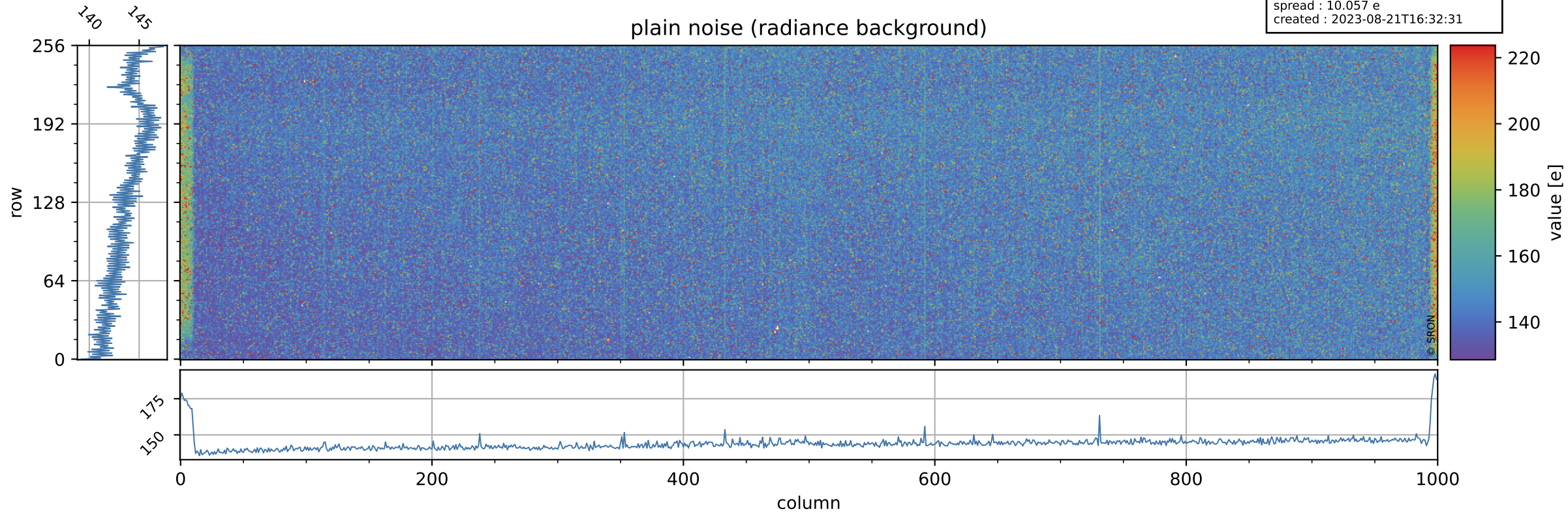
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23707, 23782]
coverage : 2022-05-10 / 2022-05-16
n_coad, t_exp : 1, 0.8383
median : 143.62 e
spread : 10.057 e
created : 2023-08-21T16:32:31

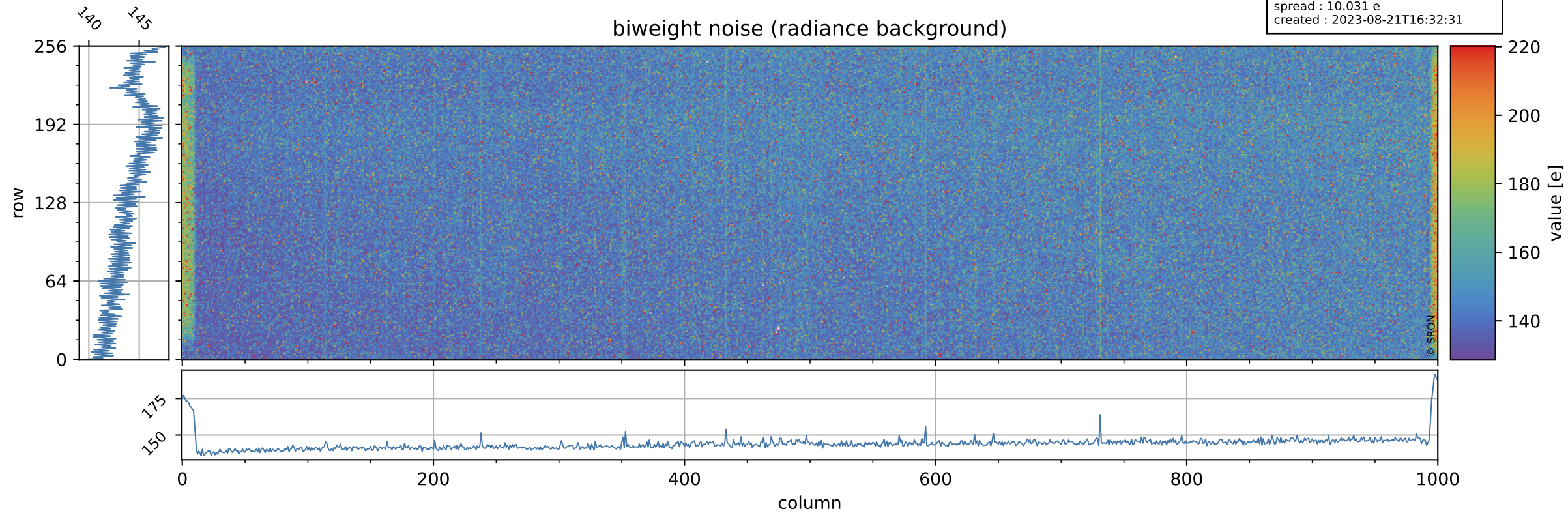
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23707, 23782]
coverage : 2022-05-10 / 2022-05-16
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 10.031 e
created : 2023-08-21T16:32:31

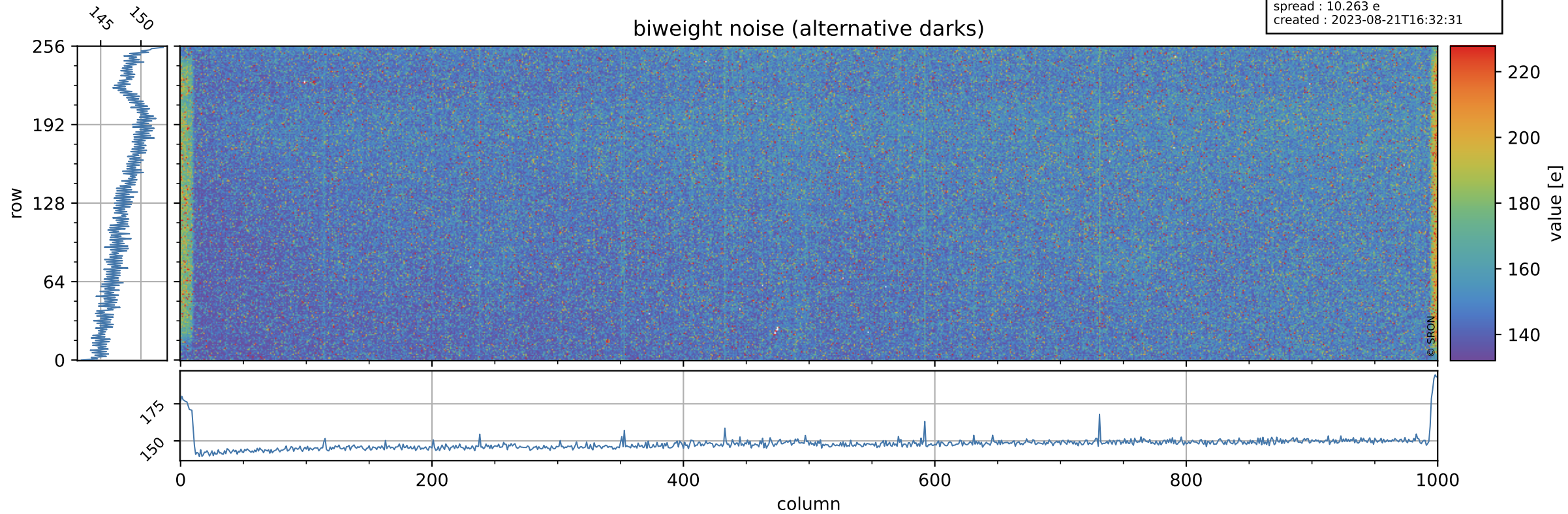
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23707, 23782]
coverage : 2022-05-10 / 2022-05-16
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.263 e
created : 2023-08-21T16:32:31

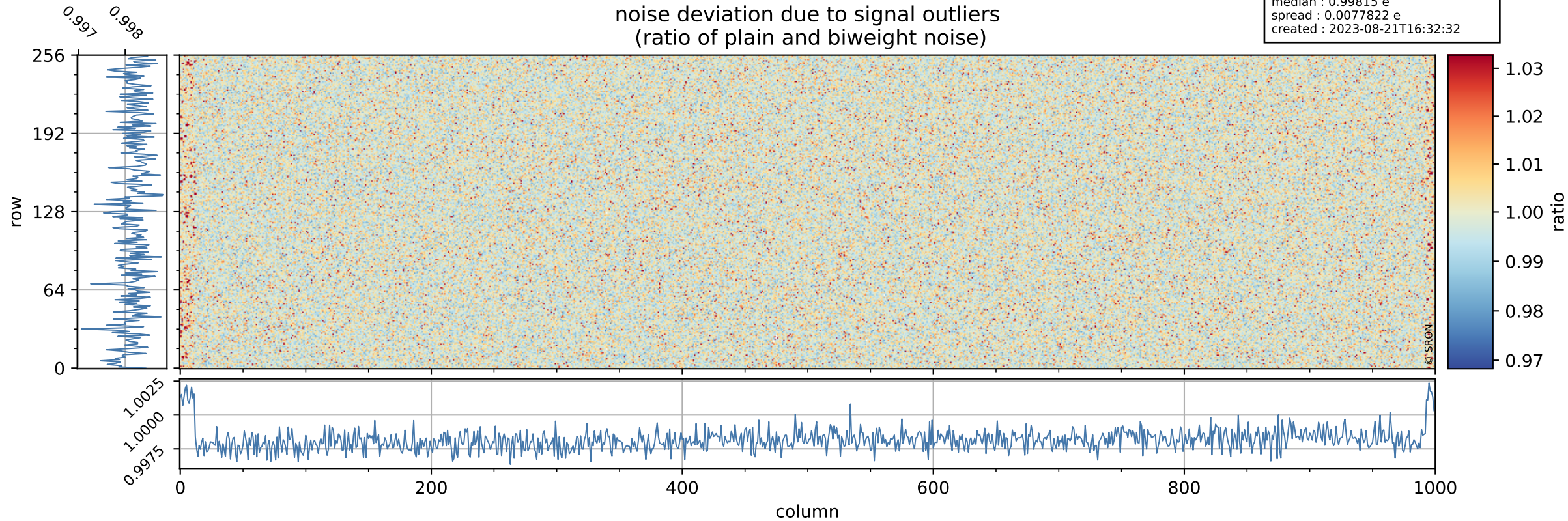
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

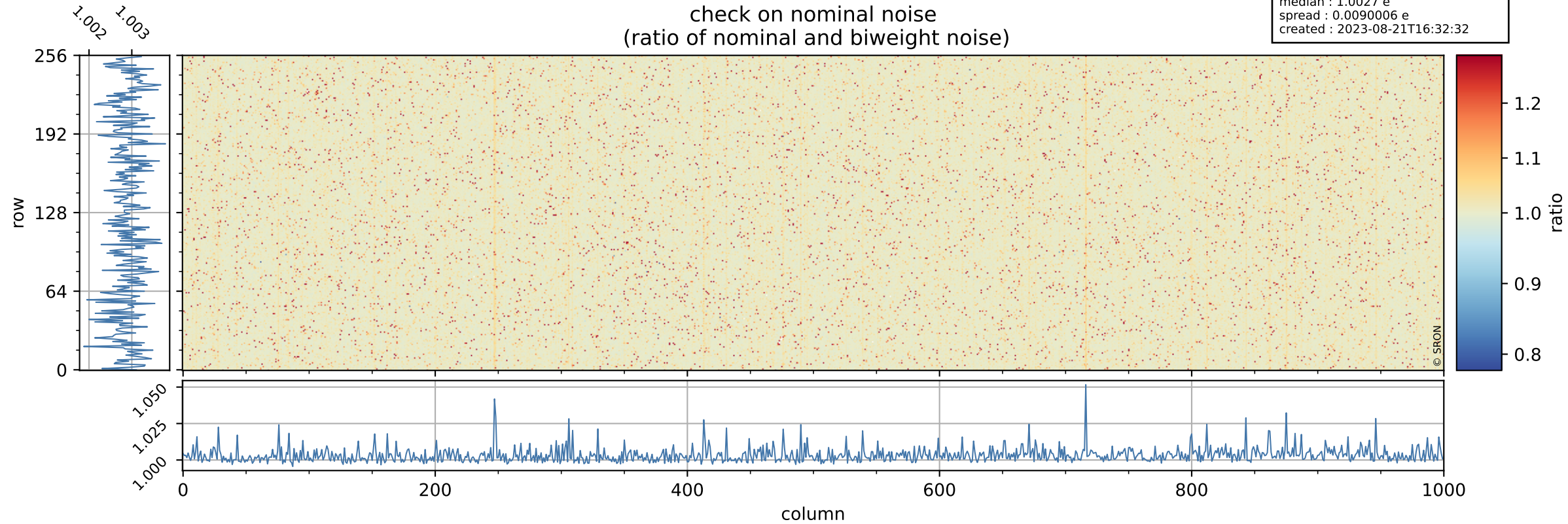
orbits : 12 in [23707, 23782]
coverage : 2022-05-10 / 2022-05-16
median : 0.99815 e
spread : 0.0077822 e
created : 2023-08-21T16:32:32



Tropomi SWIR background noise (swir)

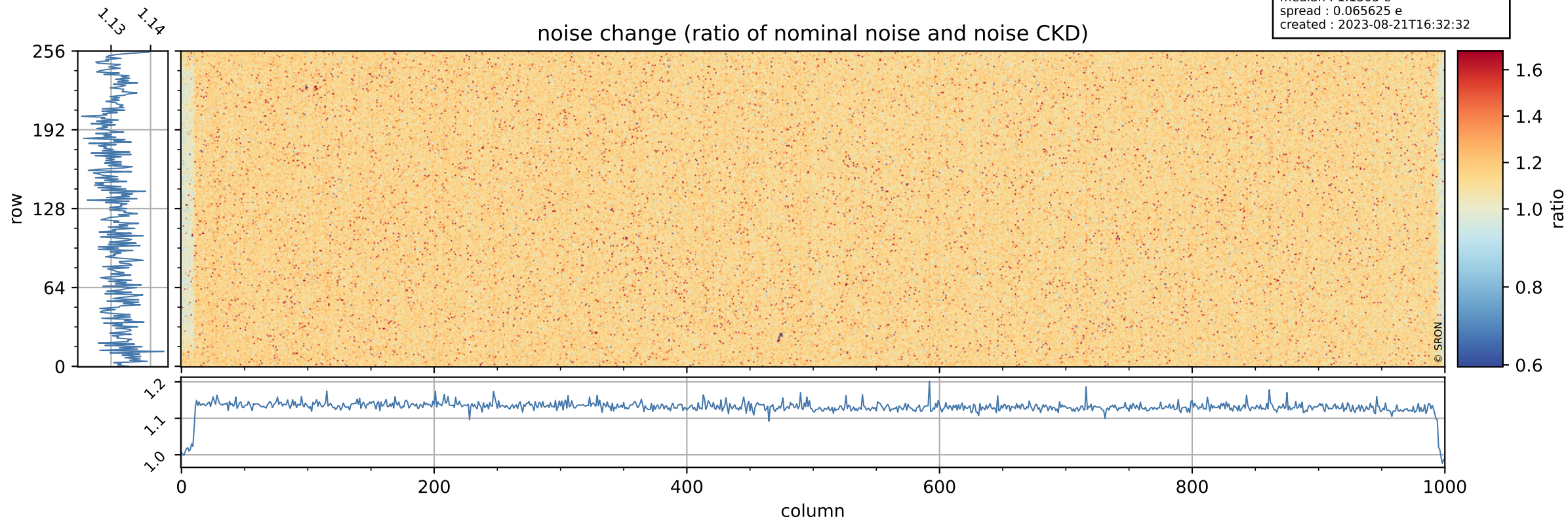
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23707, 23782]
coverage : 2022-05-10 / 2022-05-16
median : 1.0027 e
spread : 0.0090006 e
created : 2023-08-21T16:32:32



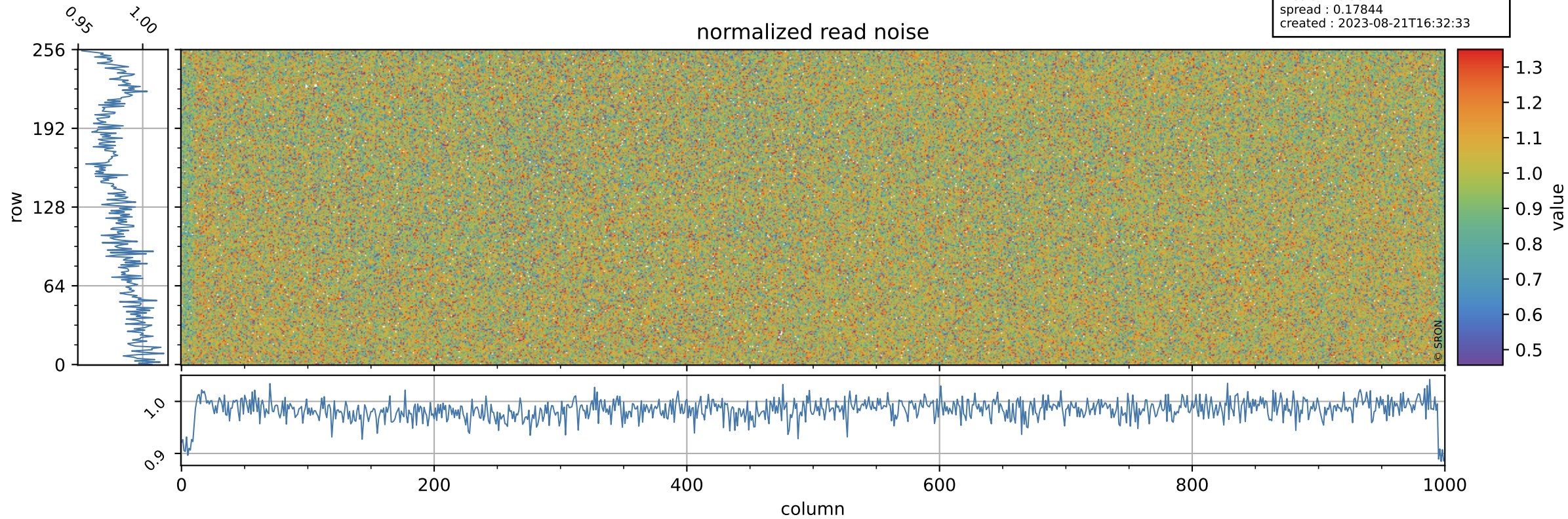
Tropomi SWIR background noise (swir)

orbits : 12 in [23707, 23782]
coverage : 2022-05-10 / 2022-05-16
median : 1.1303 e
spread : 0.065625 e
created : 2023-08-21T16:32:32



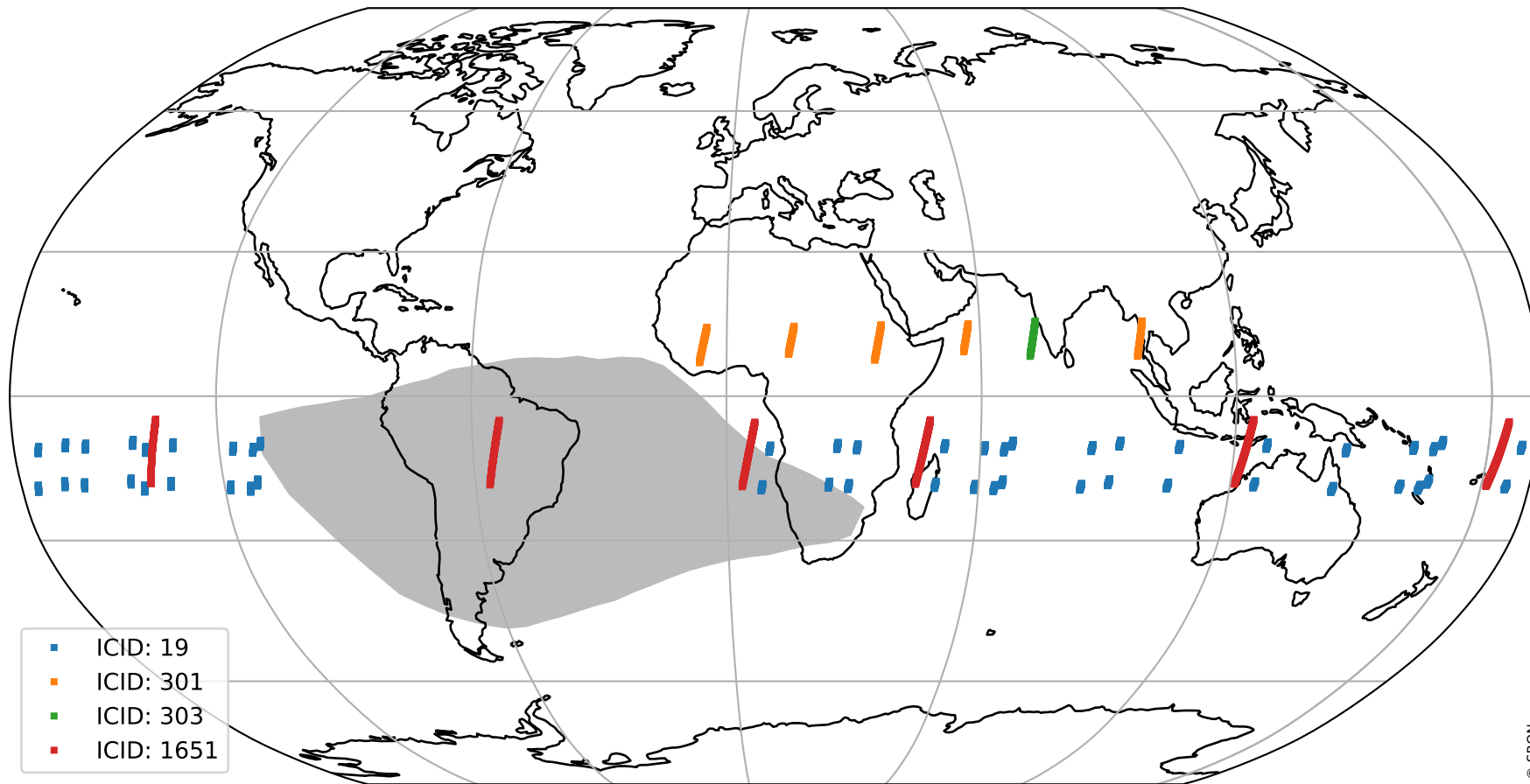
Tropomi SWIR background noise (swir)

orbits : 12 in [23707, 23782]
coverage : 2022-05-10 / 2022-05-16
median : 0.98212
spread : 0.17844
created : 2023-08-21T16:32:33



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

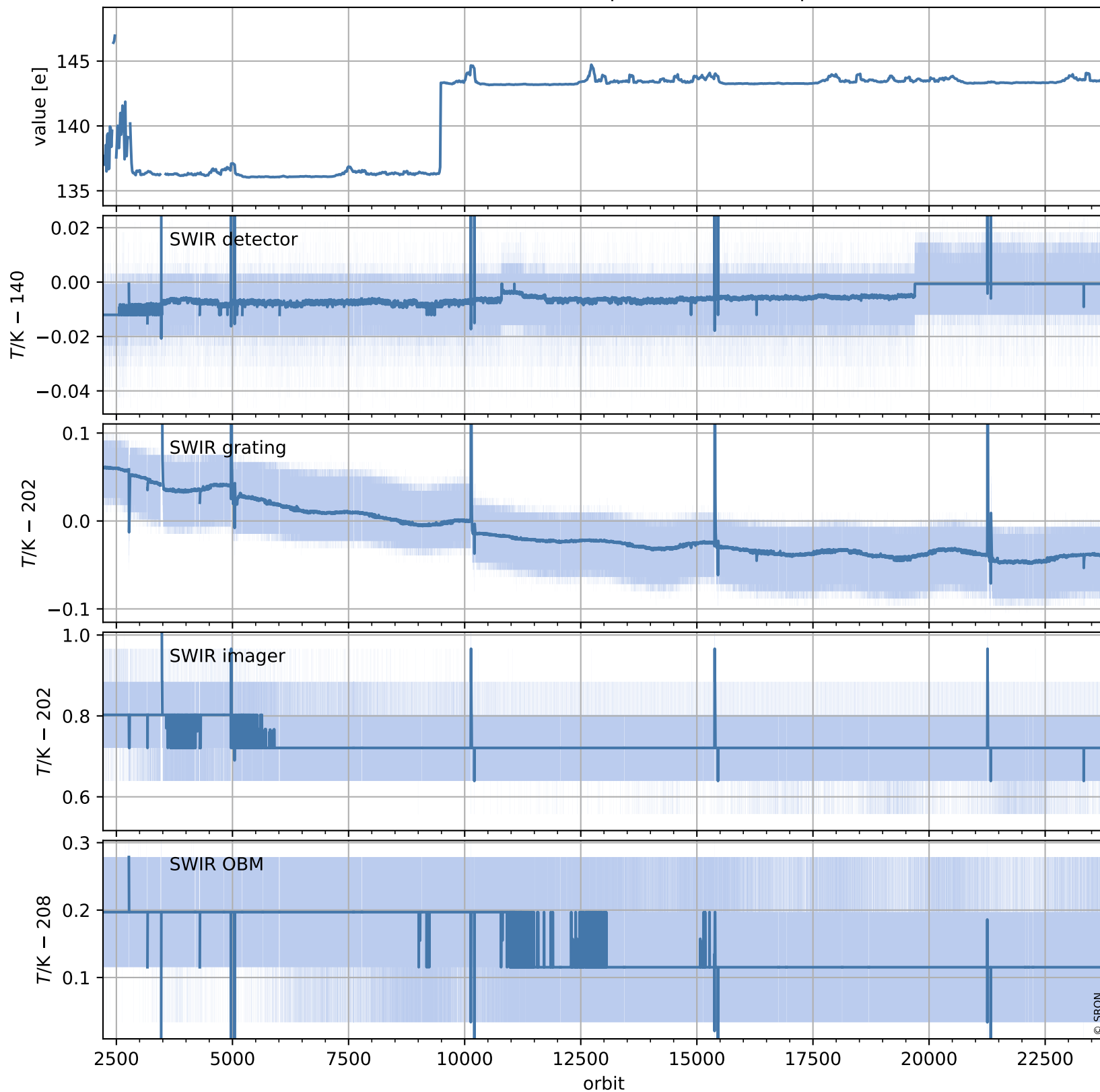
orbits : 12 in [23707, 23782]
coverage : 2022-05-10 / 2022-05-16
created : 2023-08-21T16:32:33



Tropomi SWIR background noise (swir)

orbits : [2212, 23782]
coverage : 2018-03-18 / 2022-05-16
created : 2023-08-21T16:32:33

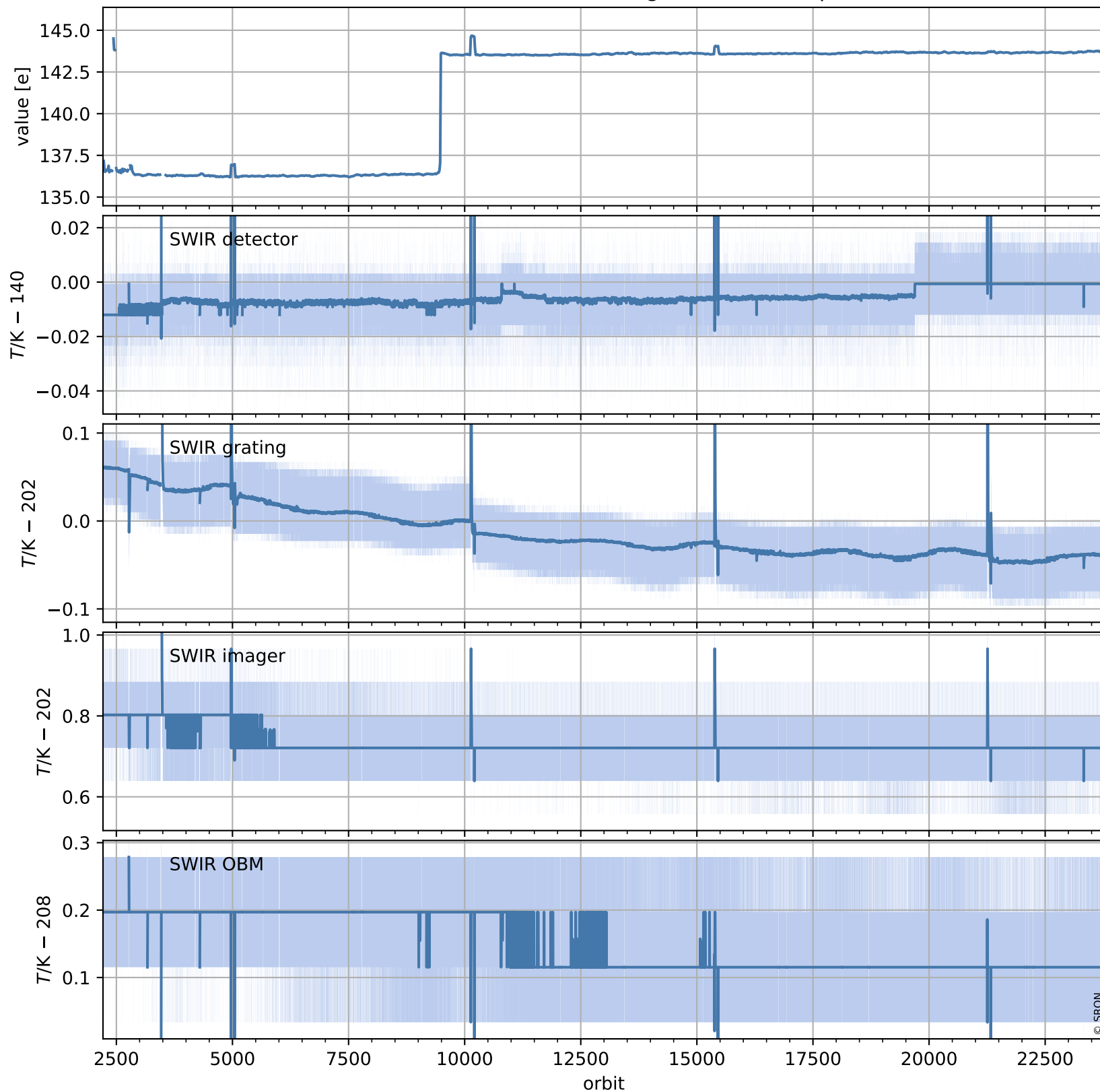
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23782]
coverage : 2018-03-18 / 2022-05-16
created : 2023-08-21T16:32:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23782]
coverage : 2018-03-18 / 2022-05-16
created : 2023-08-21T16:32:35

trend of normalized read-noise & temperatures

