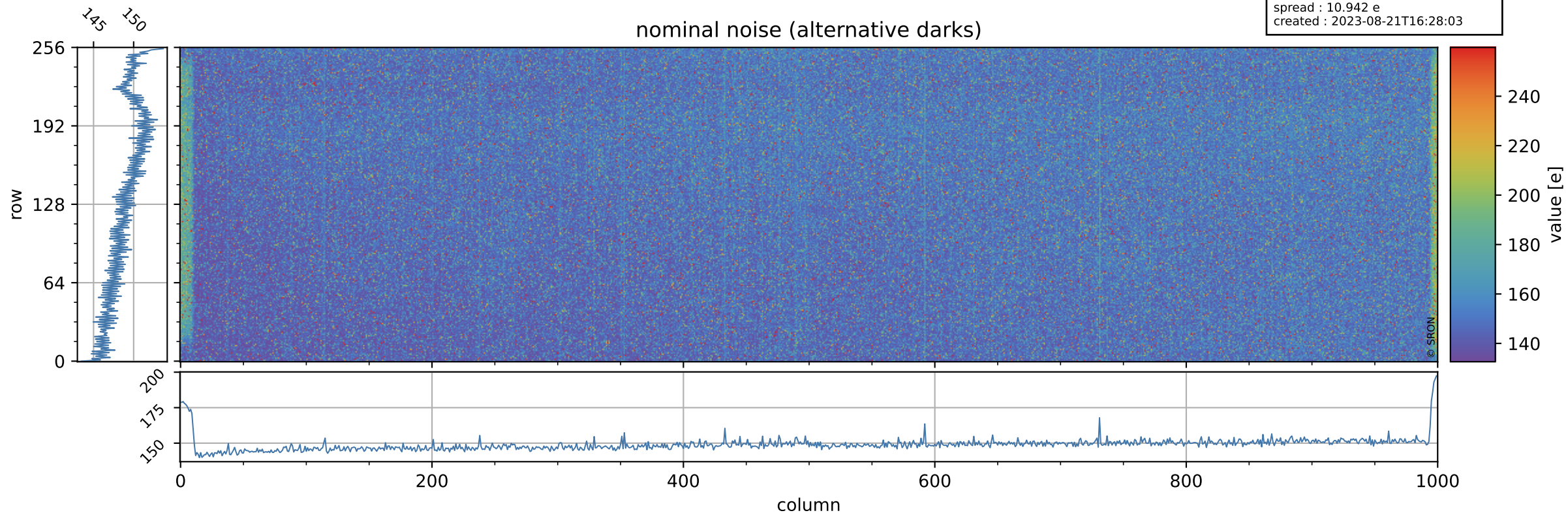


Tropomi SWIR background noise (swir)

orbits : 12 in [23002, 23092]
coverage : 2022-03-23 / 2022-03-28
n_coad, t_exp : 1, 1.0783
median : 148.85 e
spread : 10.942 e
created : 2023-08-21T16:28:03

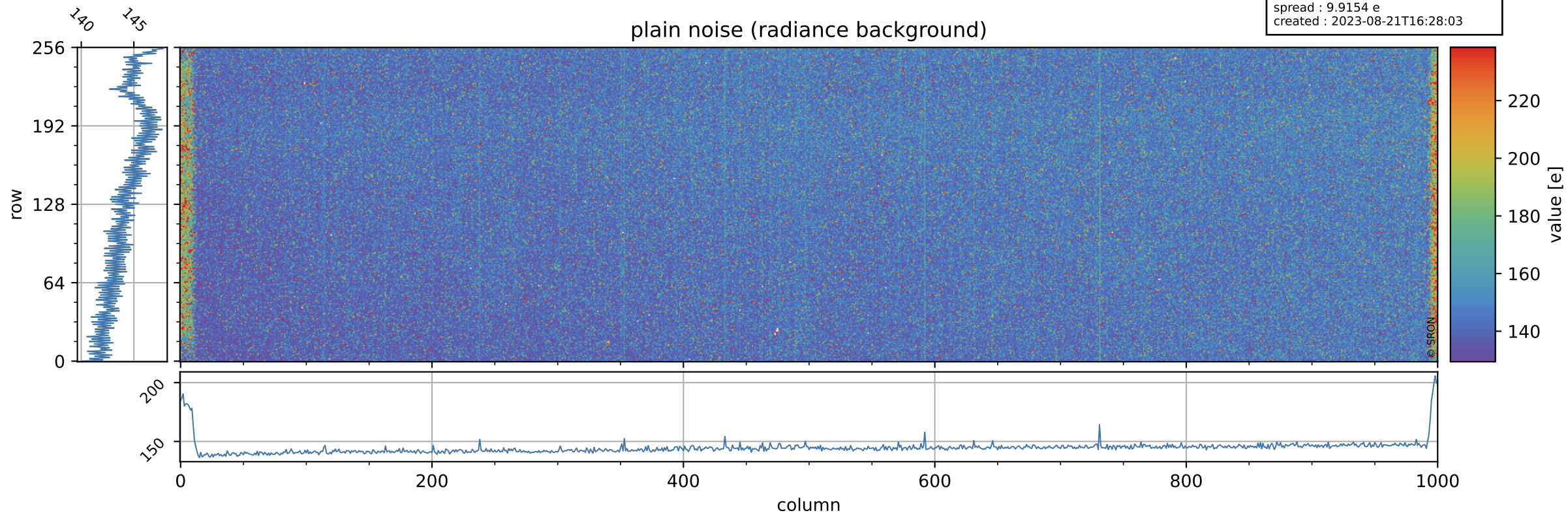
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23002, 23092]
coverage : 2022-03-23 / 2022-03-28
n_coad, t_exp : 1, 0.8383
median : 144.12 e
spread : 9.9154 e
created : 2023-08-21T16:28:03

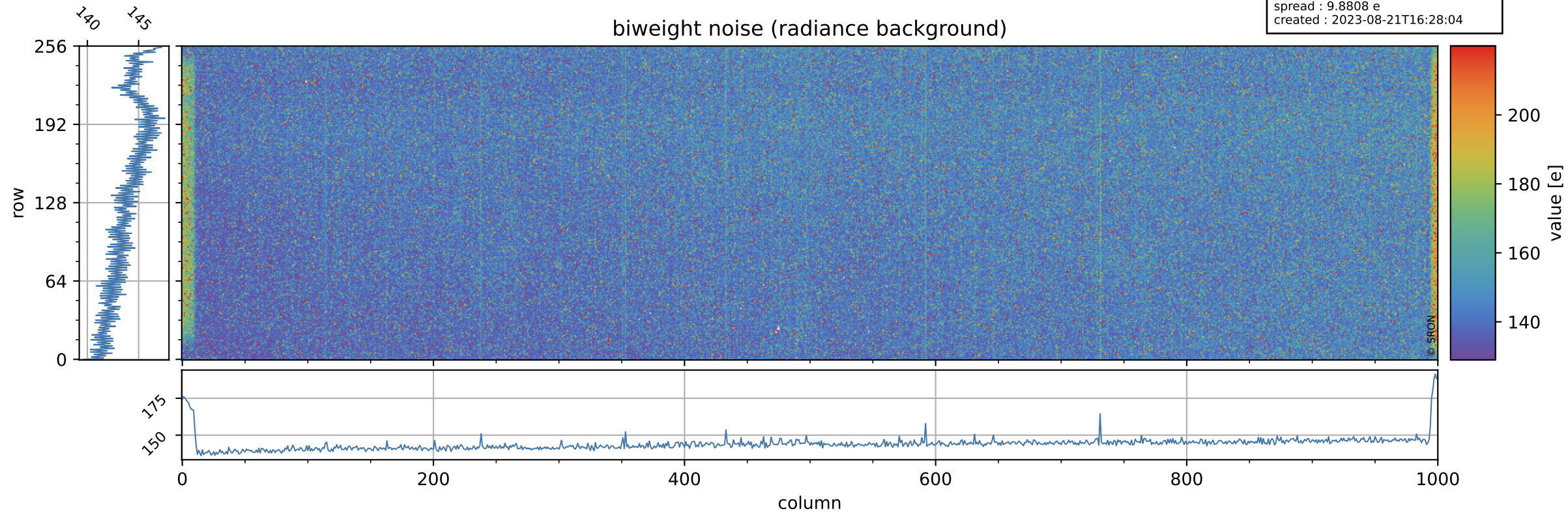
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23002, 23092]
coverage : 2022-03-23 / 2022-03-28
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.8808 e
created : 2023-08-21T16:28:04

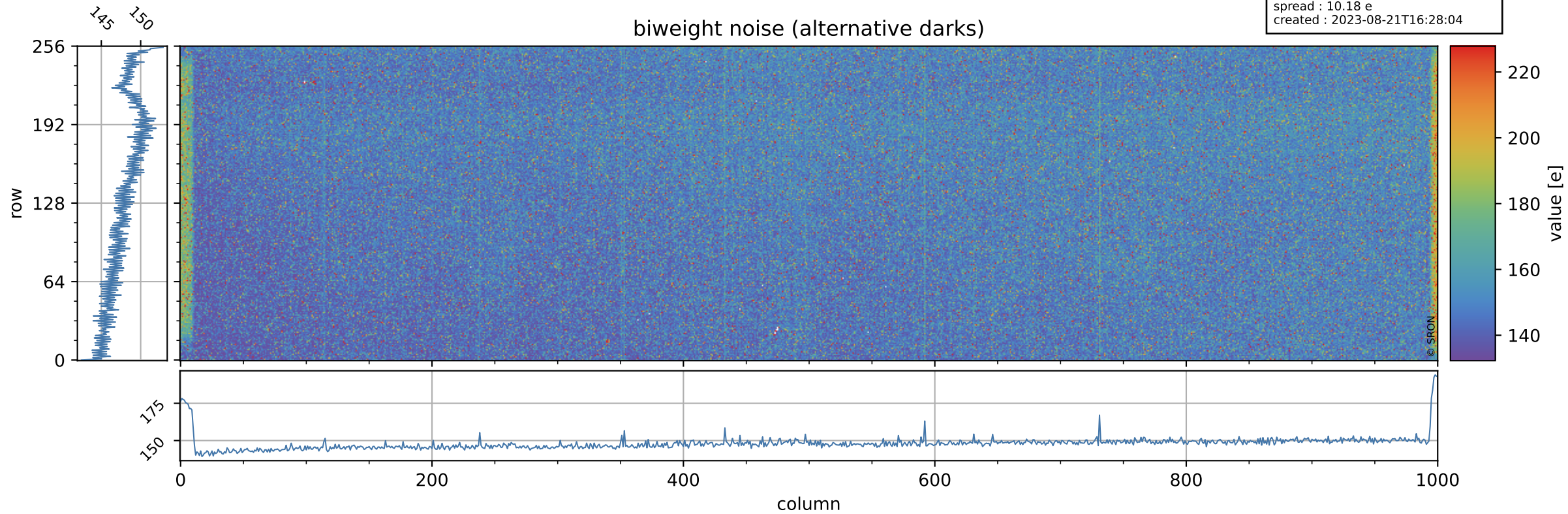
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23002, 23092]
coverage : 2022-03-23 / 2022-03-28
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.18 e
created : 2023-08-21T16:28:04

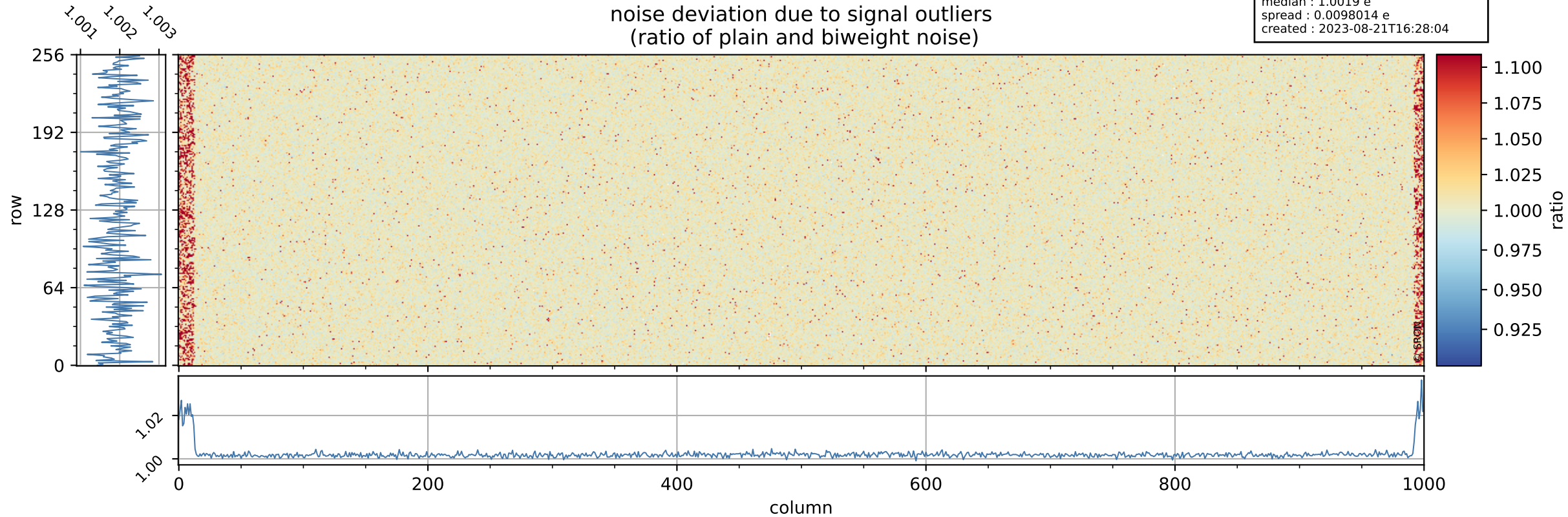
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

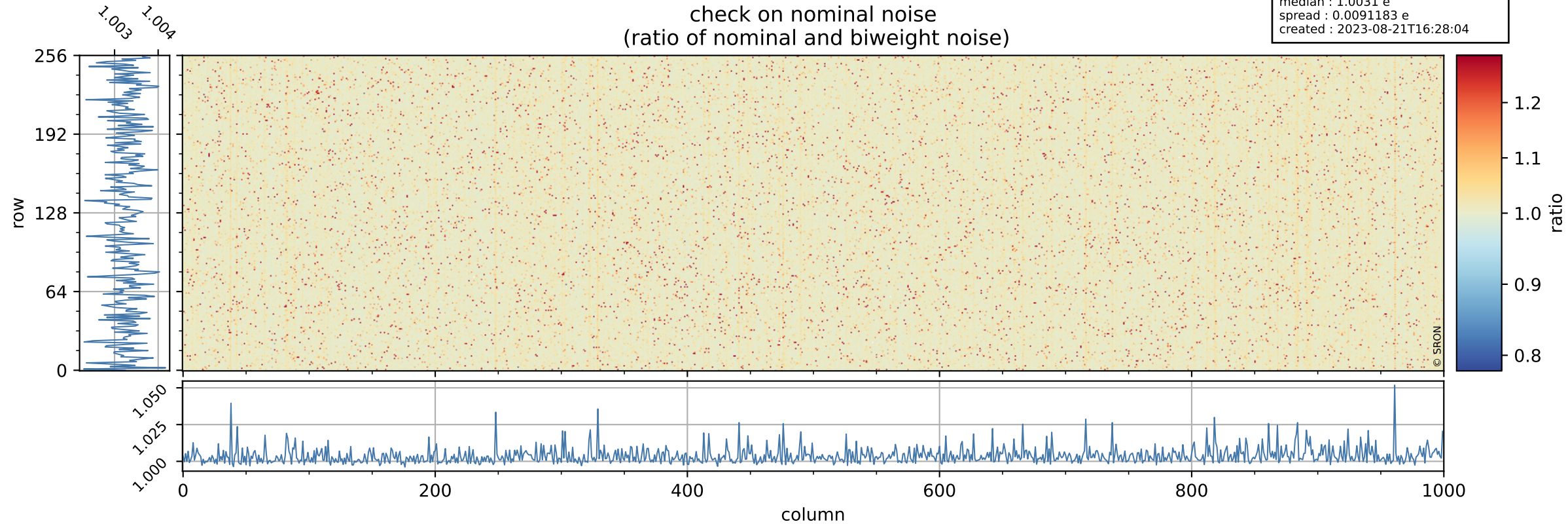
orbits : 12 in [23002, 23092]
coverage : 2022-03-23 / 2022-03-28
median : 1.0019 e
spread : 0.0098014 e
created : 2023-08-21T16:28:04



Tropomi SWIR background noise (swir)

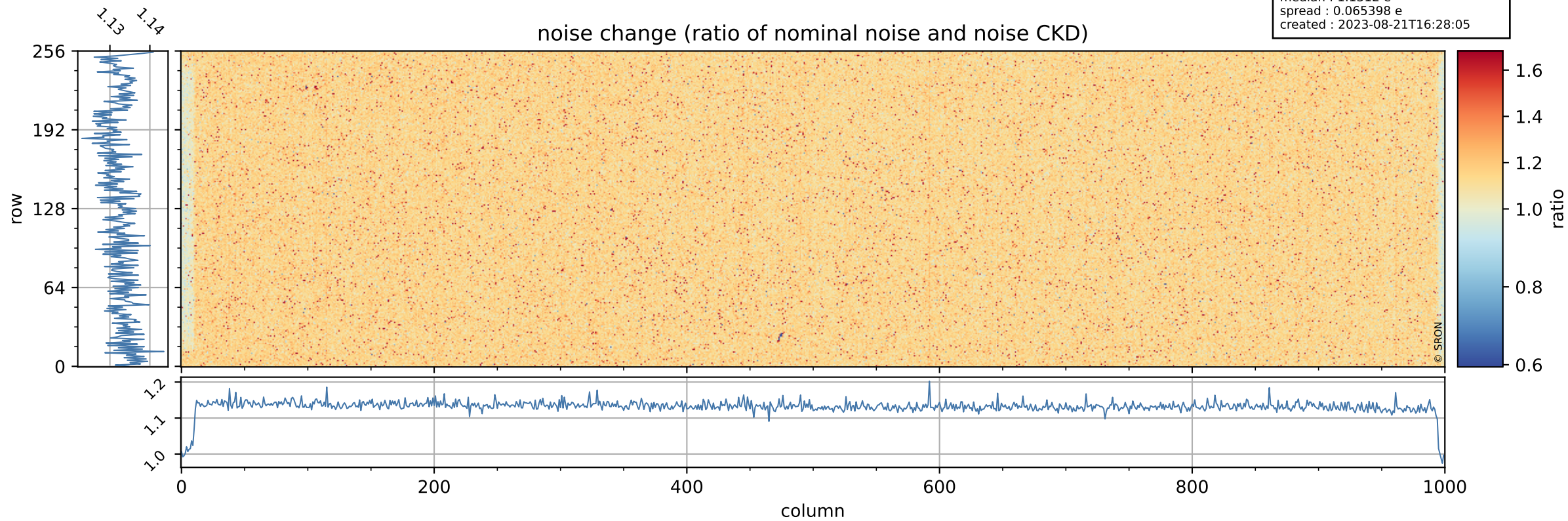
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23002, 23092]
coverage : 2022-03-23 / 2022-03-28
median : 1.0031 e
spread : 0.0091183 e
created : 2023-08-21T16:28:04



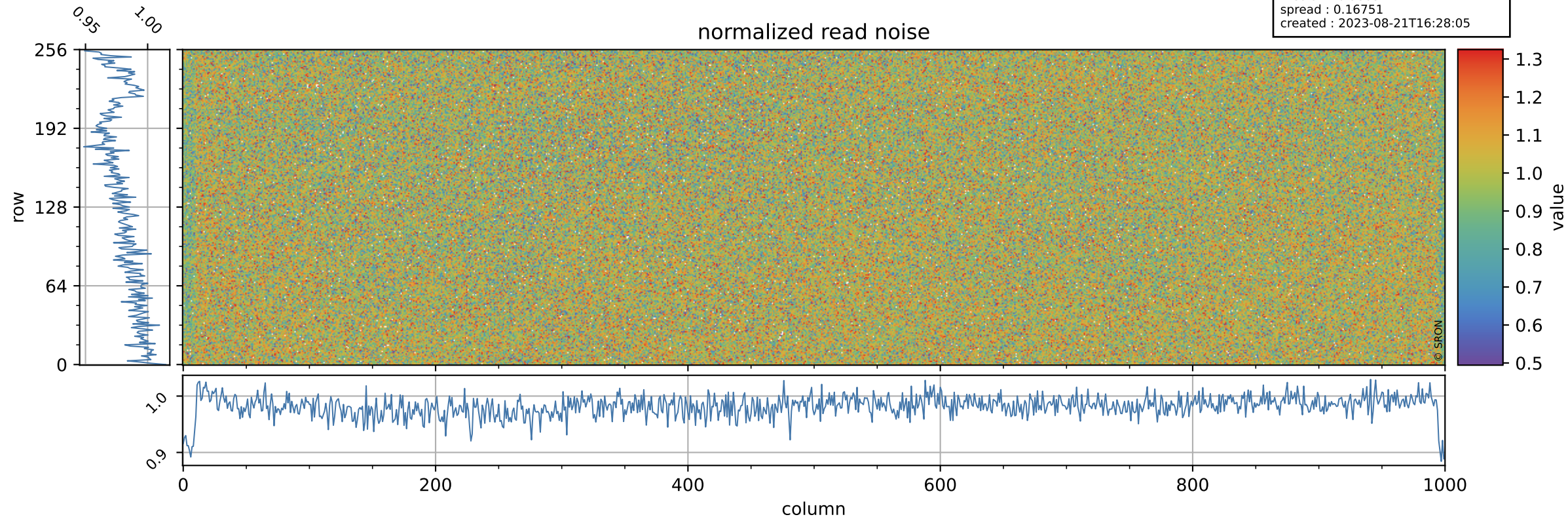
Tropomi SWIR background noise (swir)

orbits : 12 in [23002, 23092]
coverage : 2022-03-23 / 2022-03-28
median : 1.1312 e
spread : 0.065398 e
created : 2023-08-21T16:28:05



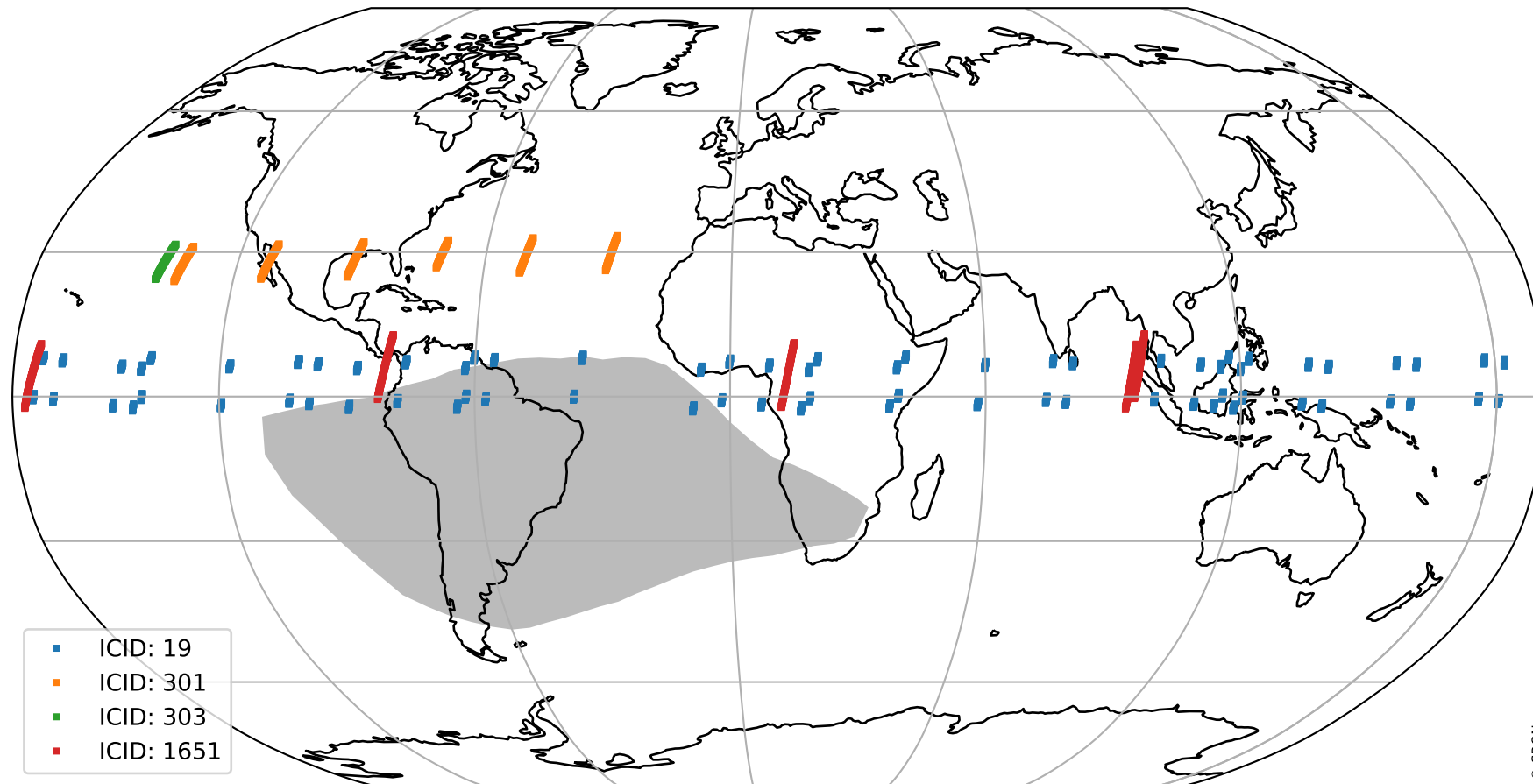
Tropomi SWIR background noise (swir)

orbits : 12 in [23002, 23092]
coverage : 2022-03-23 / 2022-03-28
median : 0.98031
spread : 0.16751
created : 2023-08-21T16:28:05



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

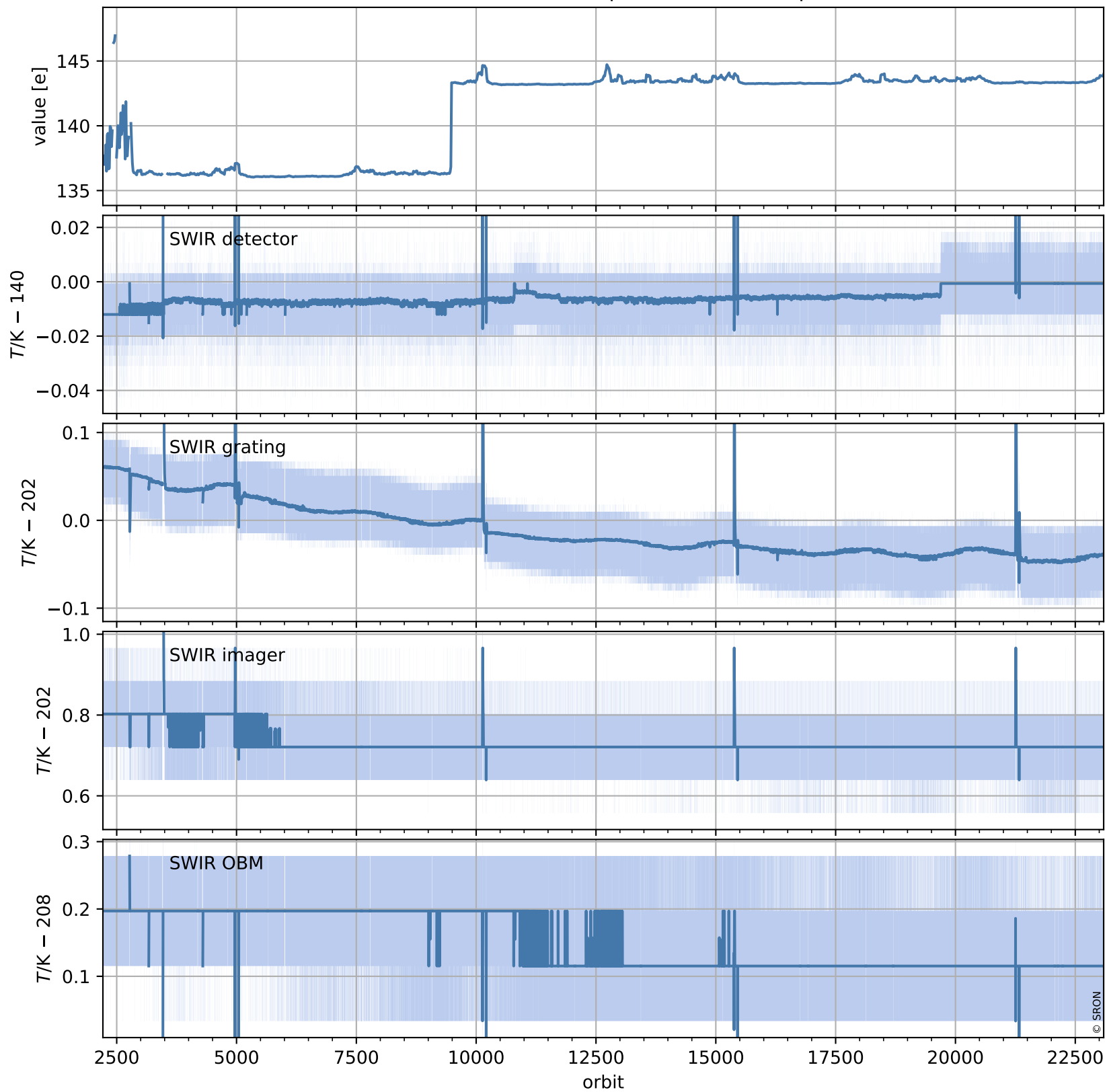
orbits : 12 in [23002, 23092]
coverage : 2022-03-23 / 2022-03-28
created : 2023-08-21T16:28:06



Tropomi SWIR background noise (swir)

orbits : [2212, 23092]
coverage : 2018-03-18 / 2022-03-28
created : 2023-08-21T16:28:06

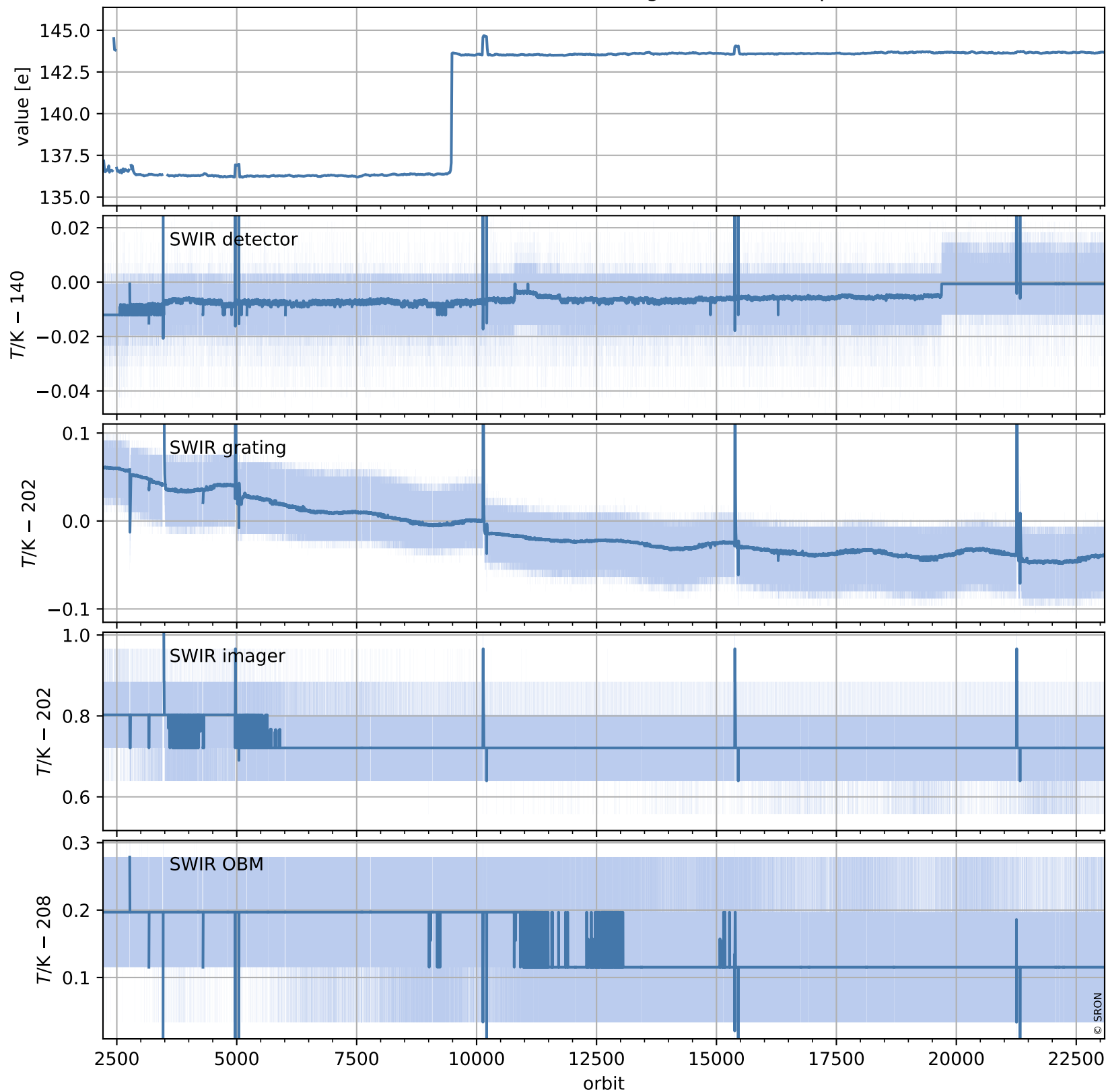
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23092]
coverage : 2018-03-18 / 2022-03-28
created : 2023-08-21T16:28:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23092]
coverage : 2018-03-18 / 2022-03-28
created : 2023-08-21T16:28:08

trend of normalized read-noise & temperatures

