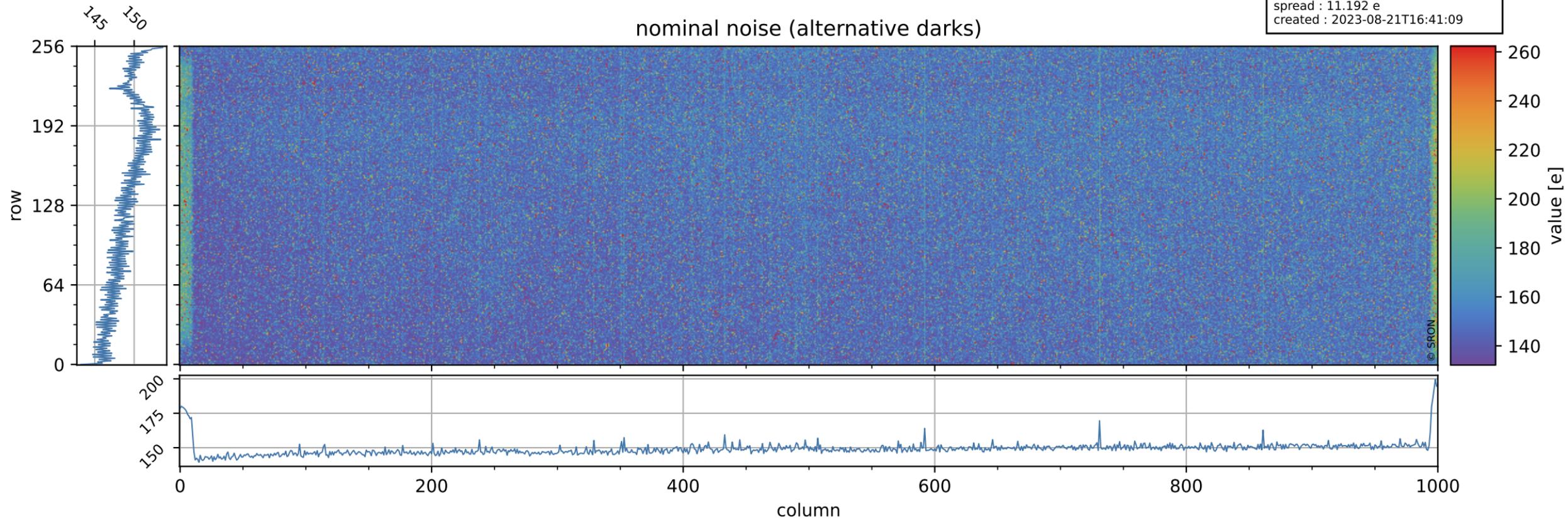


Tropomi SWIR background noise (swir)

orbits : 12 in [25057, 25147]
coverage : 2022-08-14 / 2022-08-20
n_coad, t_exp : 1, 1.0783
median : 148.92 e
spread : 11.192 e
created : 2023-08-21T16:41:09

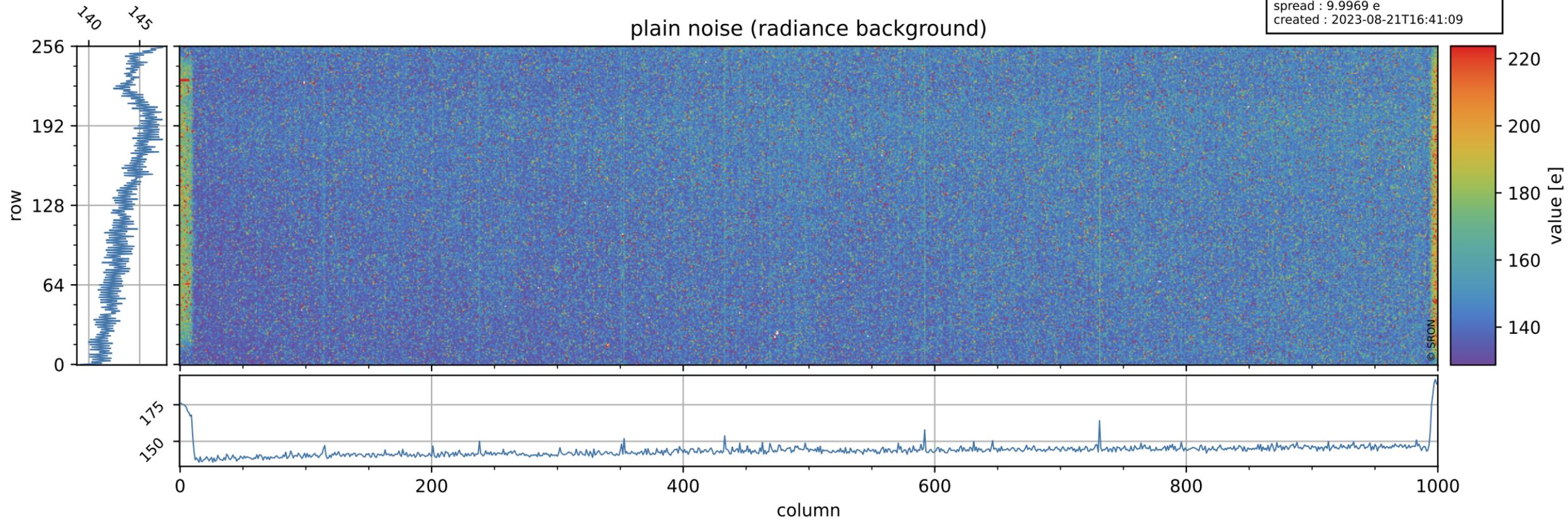
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25057, 25147]
coverage : 2022-08-14 / 2022-08-20
n_coad, t_exp : 1, 0.8383
median : 143.59 e
spread : 9.9969 e
created : 2023-08-21T16:41:09

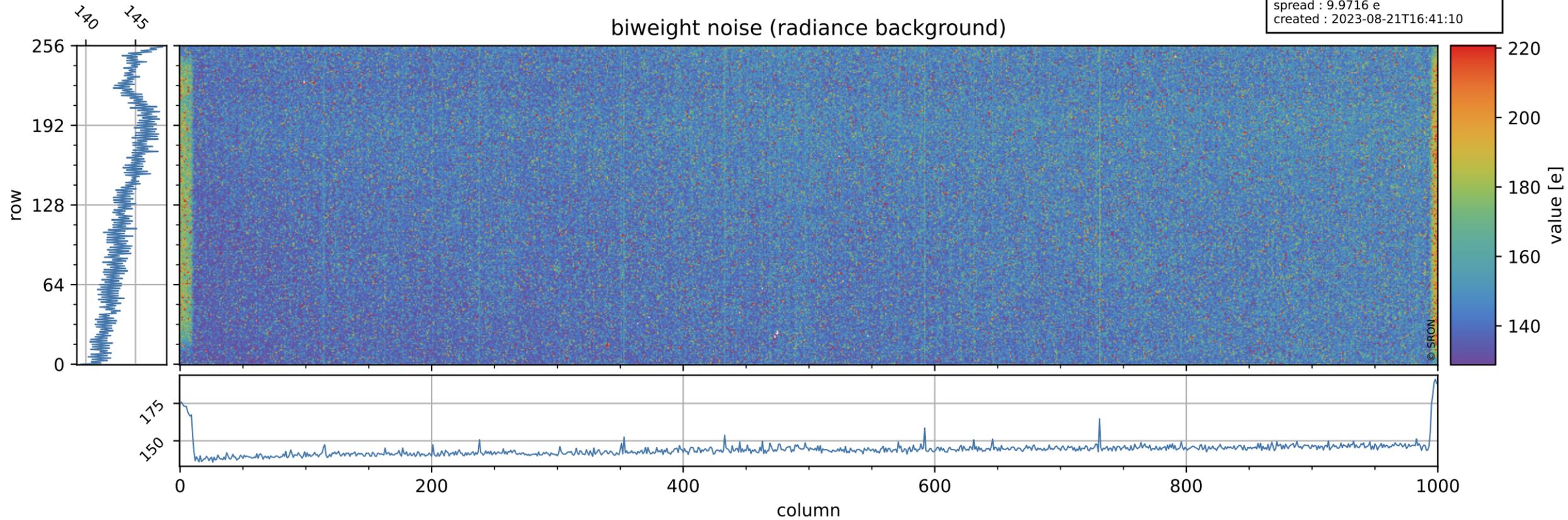
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25057, 25147]
coverage : 2022-08-14 / 2022-08-20
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.9716 e
created : 2023-08-21T16:41:10

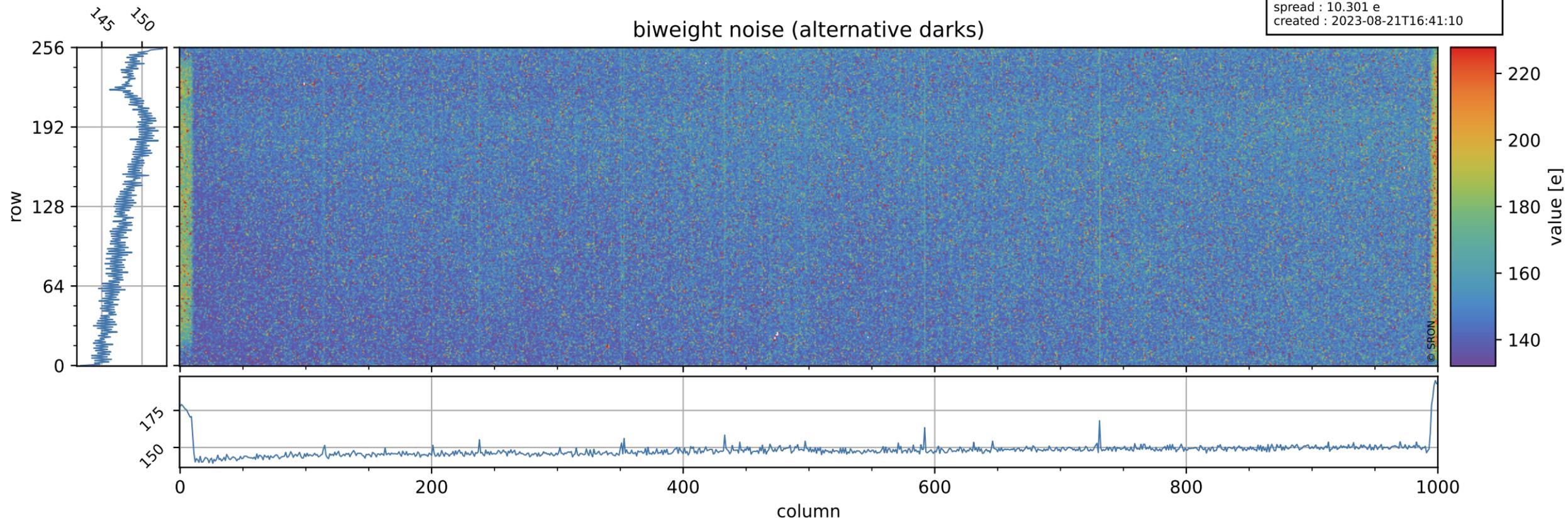
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25057, 25147]
coverage : 2022-08-14 / 2022-08-20
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.301 e
created : 2023-08-21T16:41:10

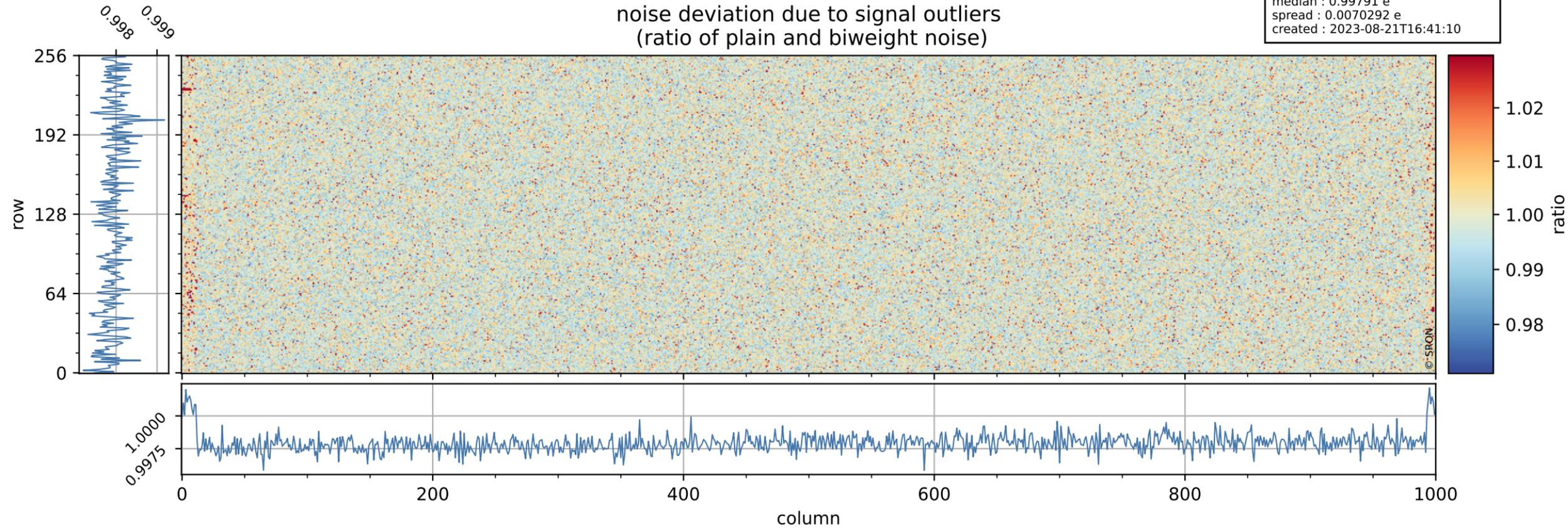
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

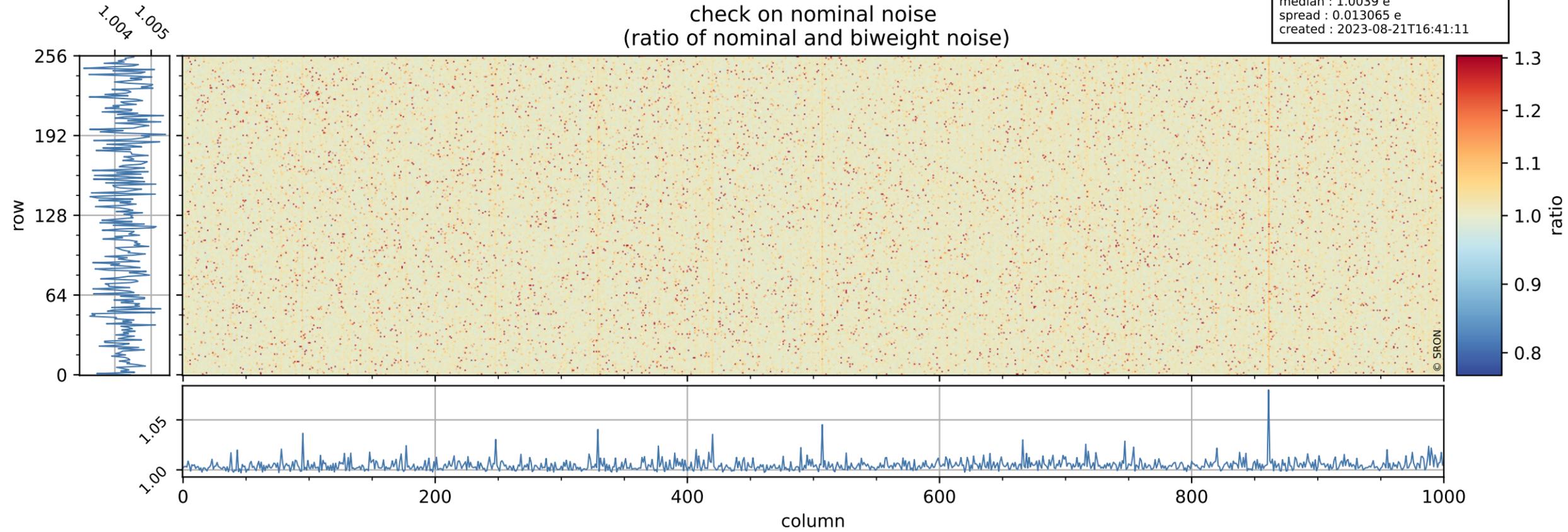
orbits : 12 in [25057, 25147]
coverage : 2022-08-14 / 2022-08-20
median : 0.99791 e
spread : 0.0070292 e
created : 2023-08-21T16:41:10



Tropomi SWIR background noise (swir)

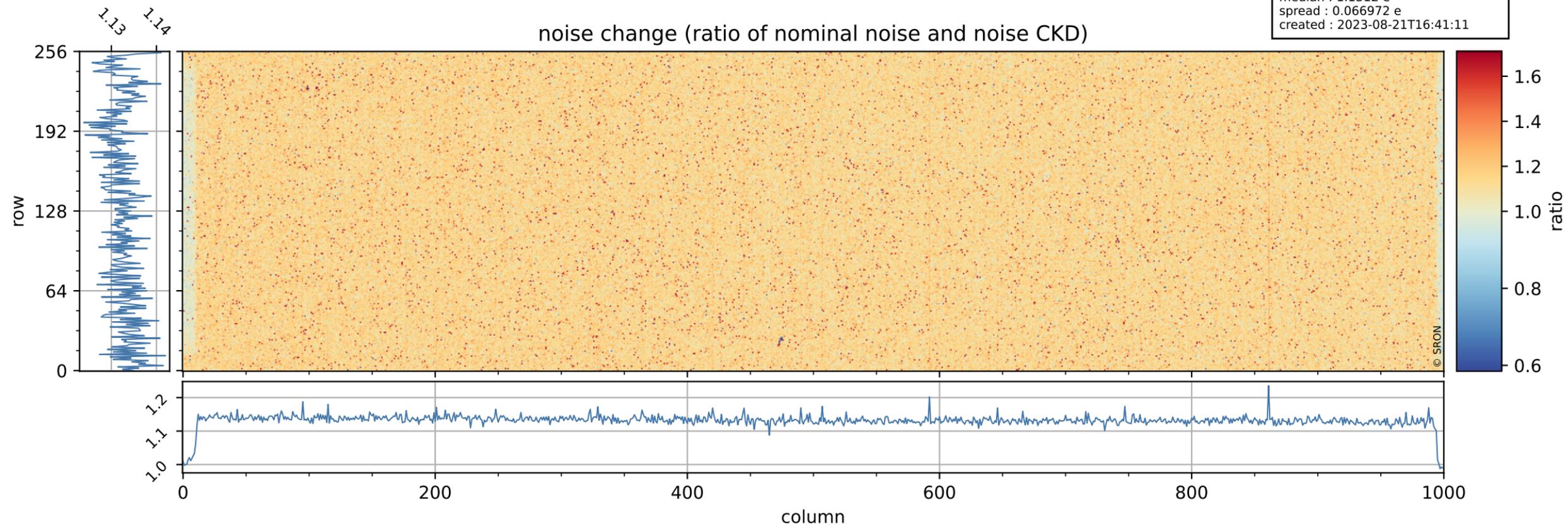
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25057, 25147]
coverage : 2022-08-14 / 2022-08-20
median : 1.0039 e
spread : 0.013065 e
created : 2023-08-21T16:41:11



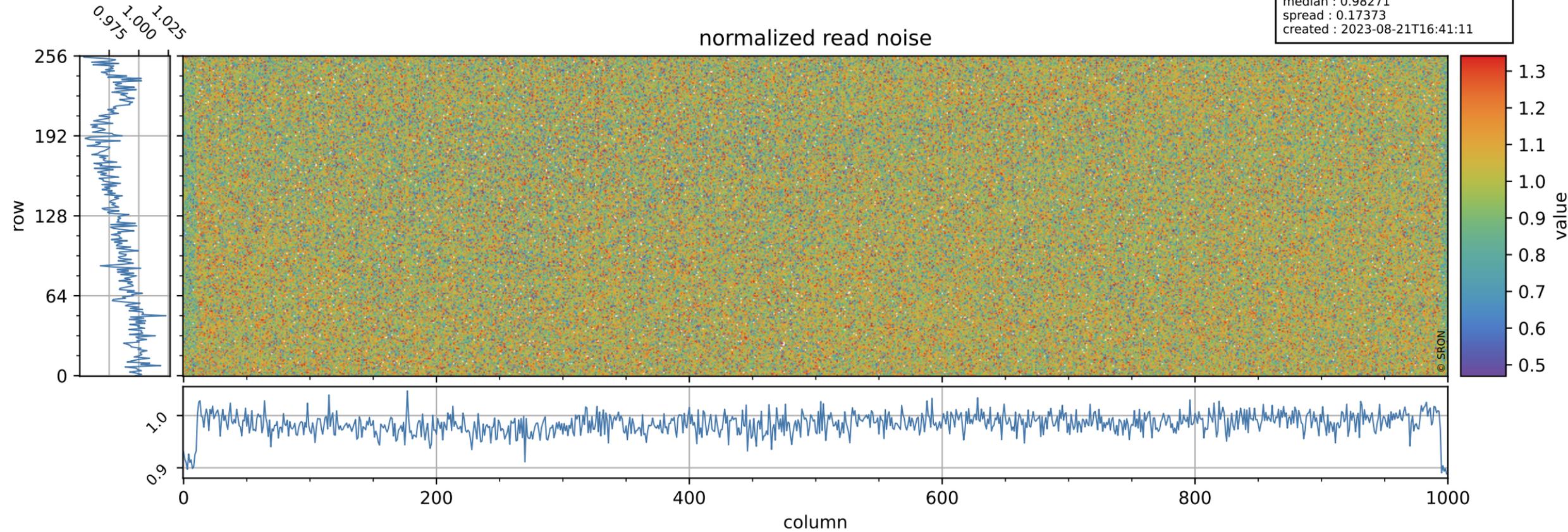
Tropomi SWIR background noise (swir)

orbits : 12 in [25057, 25147]
coverage : 2022-08-14 / 2022-08-20
median : 1.1312 e
spread : 0.066972 e
created : 2023-08-21T16:41:11



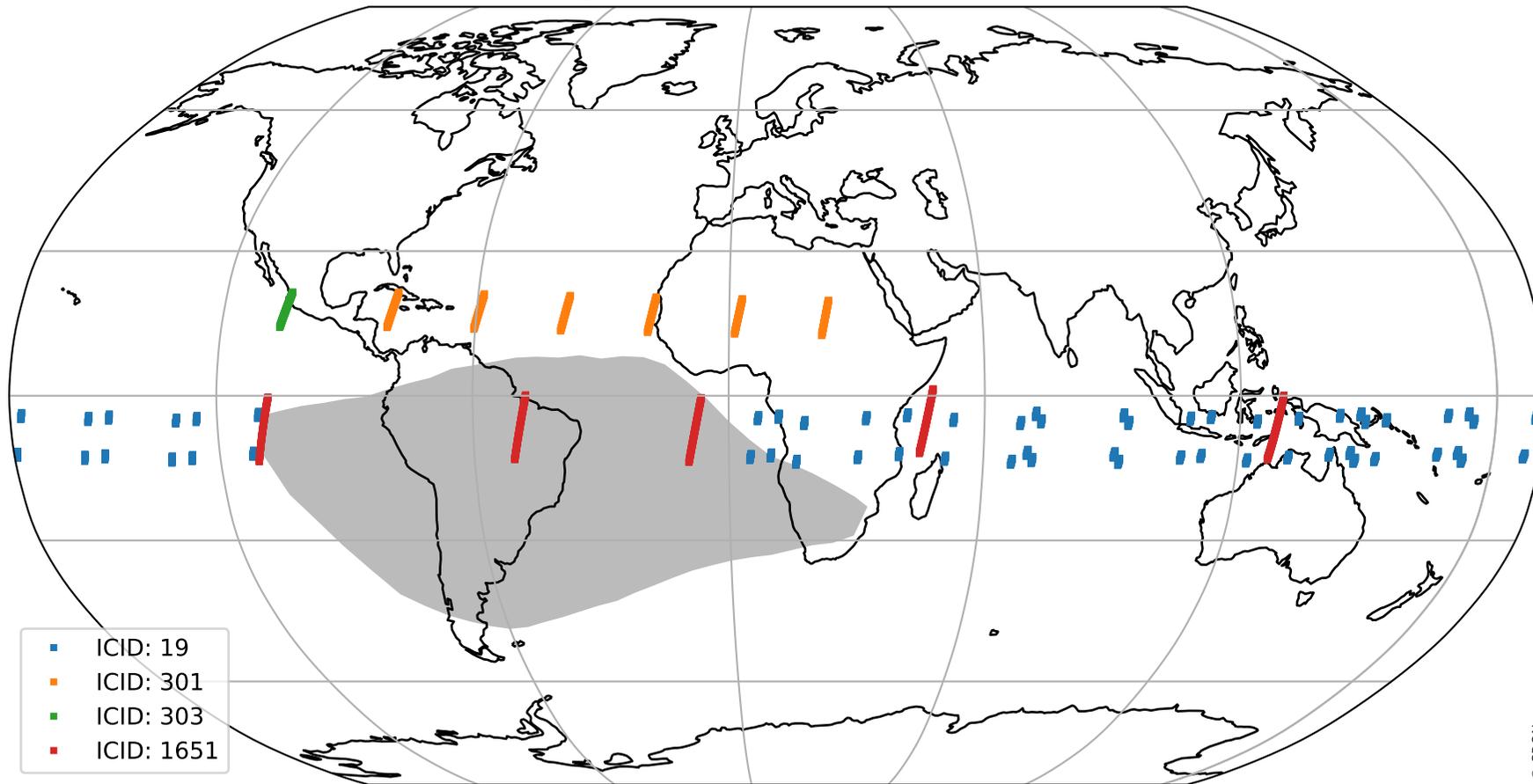
Tropomi SWIR background noise (swir)

orbits : 12 in [25057, 25147]
coverage : 2022-08-14 / 2022-08-20
median : 0.98271
spread : 0.17373
created : 2023-08-21T16:41:11



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

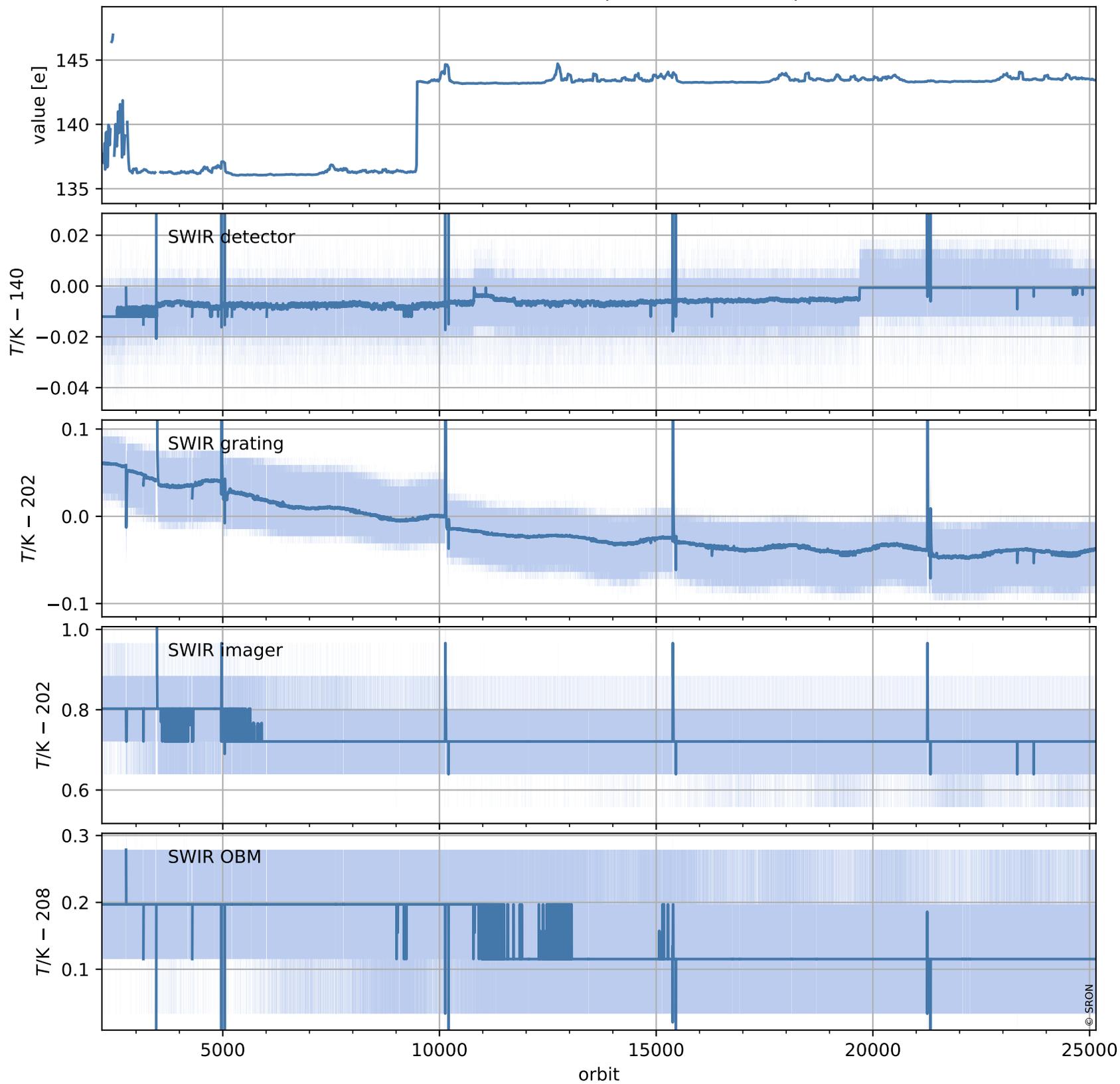
orbits : 12 in [25057, 25147]
coverage : 2022-08-14 / 2022-08-20
created : 2023-08-21T16:41:11



Tropomi SWIR background noise (swir)

orbits : [2212, 25147]
coverage : 2018-03-18 / 2022-08-20
created : 2023-08-21T16:41:12

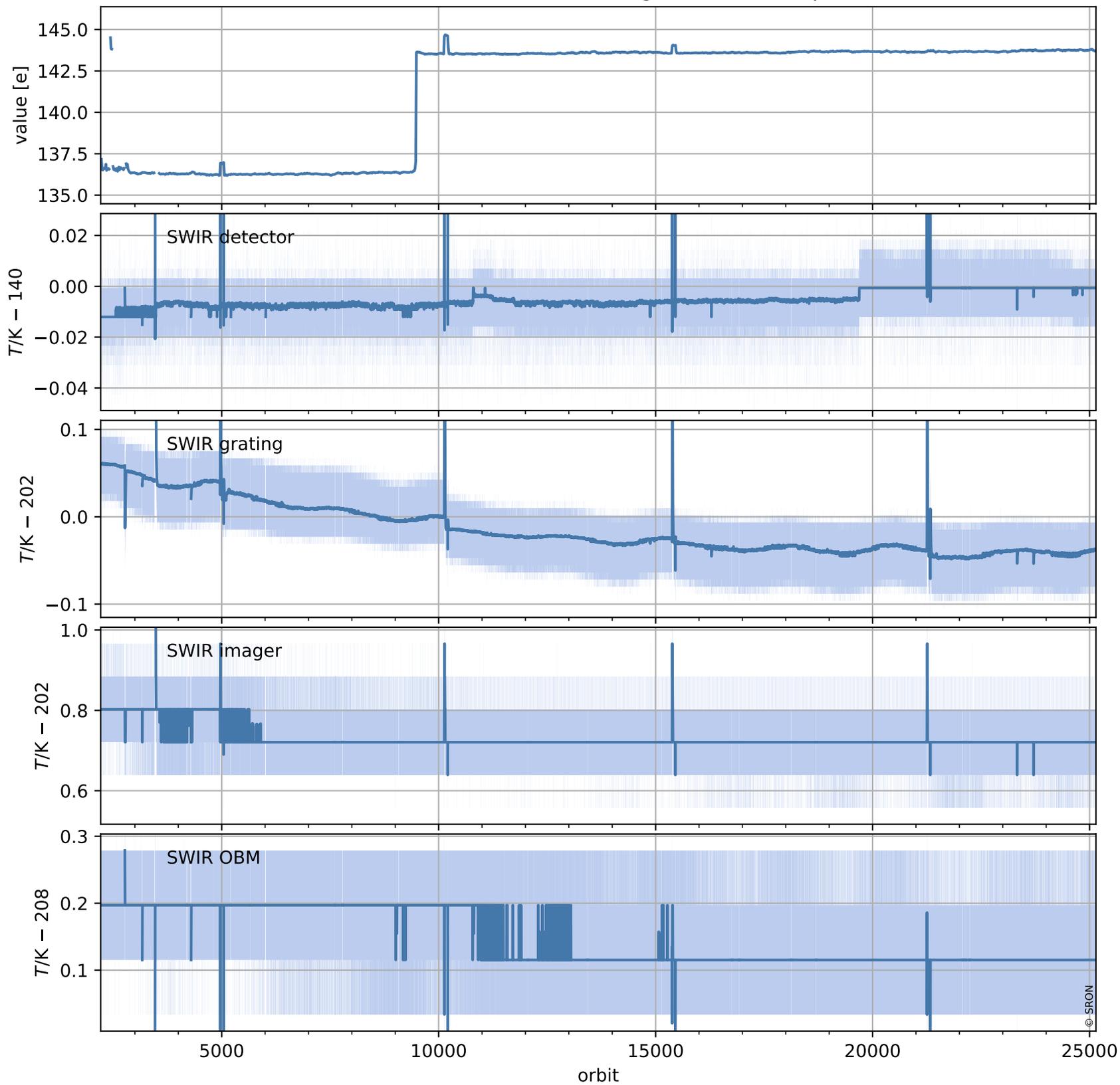
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25147]
coverage : 2018-03-18 / 2022-08-20
created : 2023-08-21T16:41:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25147]
coverage : 2018-03-18 / 2022-08-20
created : 2023-08-21T16:41:14

trend of normalized read-noise & temperatures

