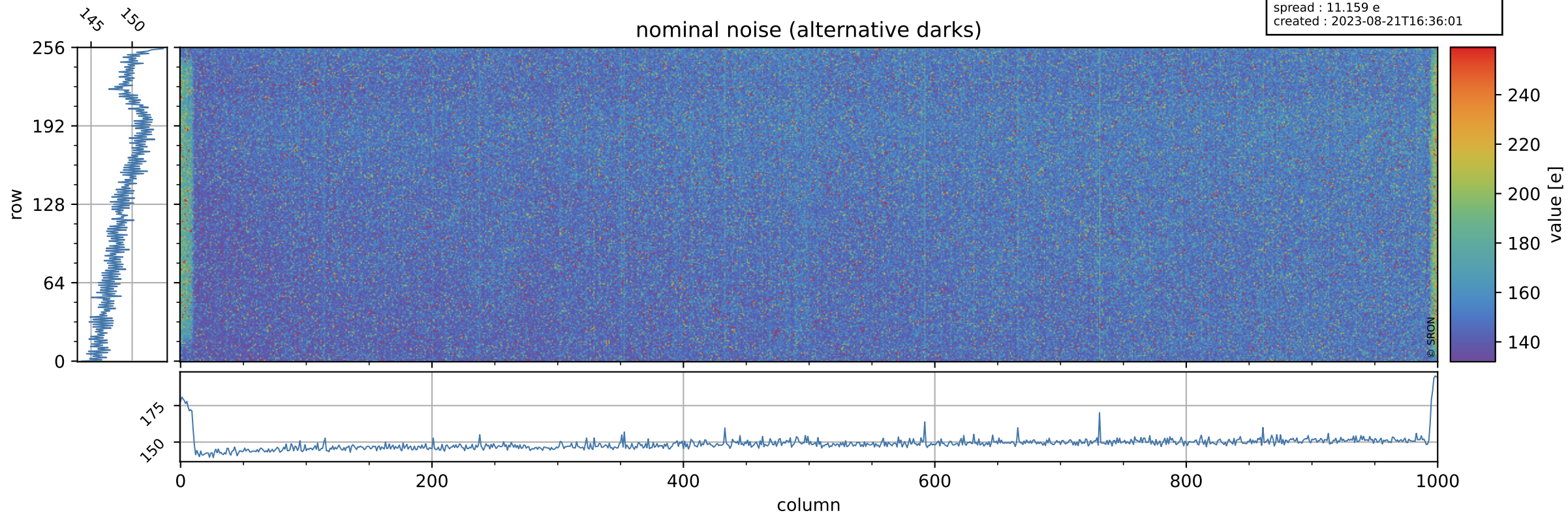


Tropomi SWIR background noise (swir)

orbits : 12 in [24247, 24322]
coverage : 2022-06-17 / 2022-06-23
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 11.159 e
created : 2023-08-21T16:36:01

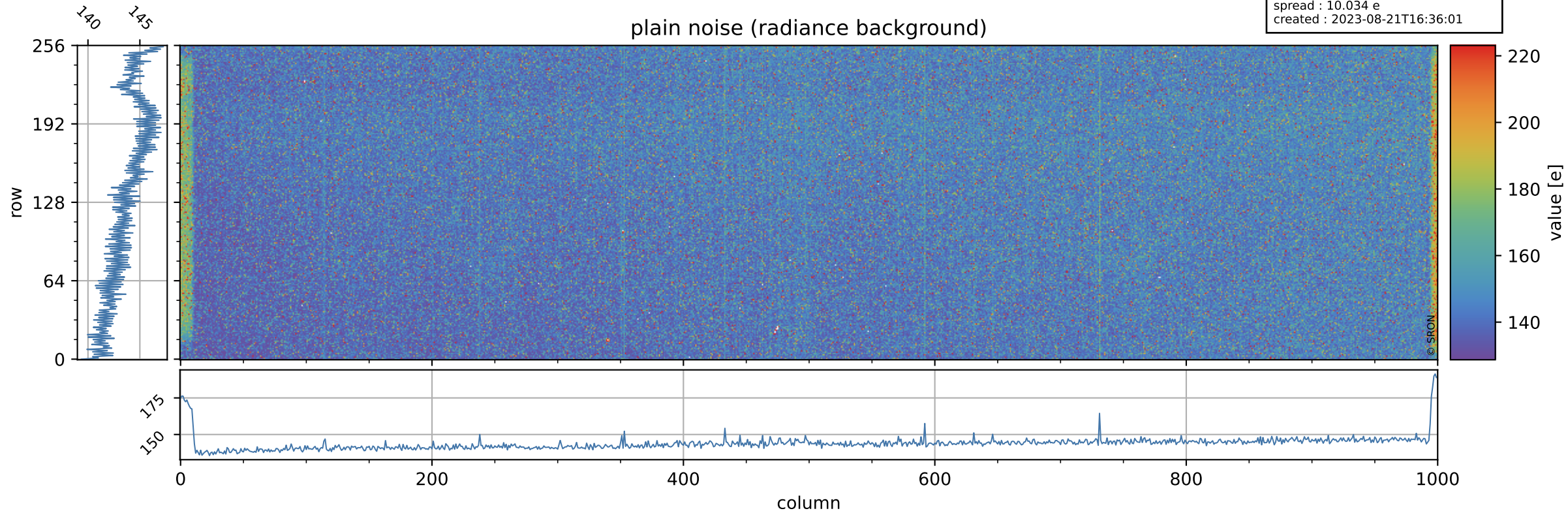
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24247, 24322]
coverage : 2022-06-17 / 2022-06-23
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 10.034 e
created : 2023-08-21T16:36:01

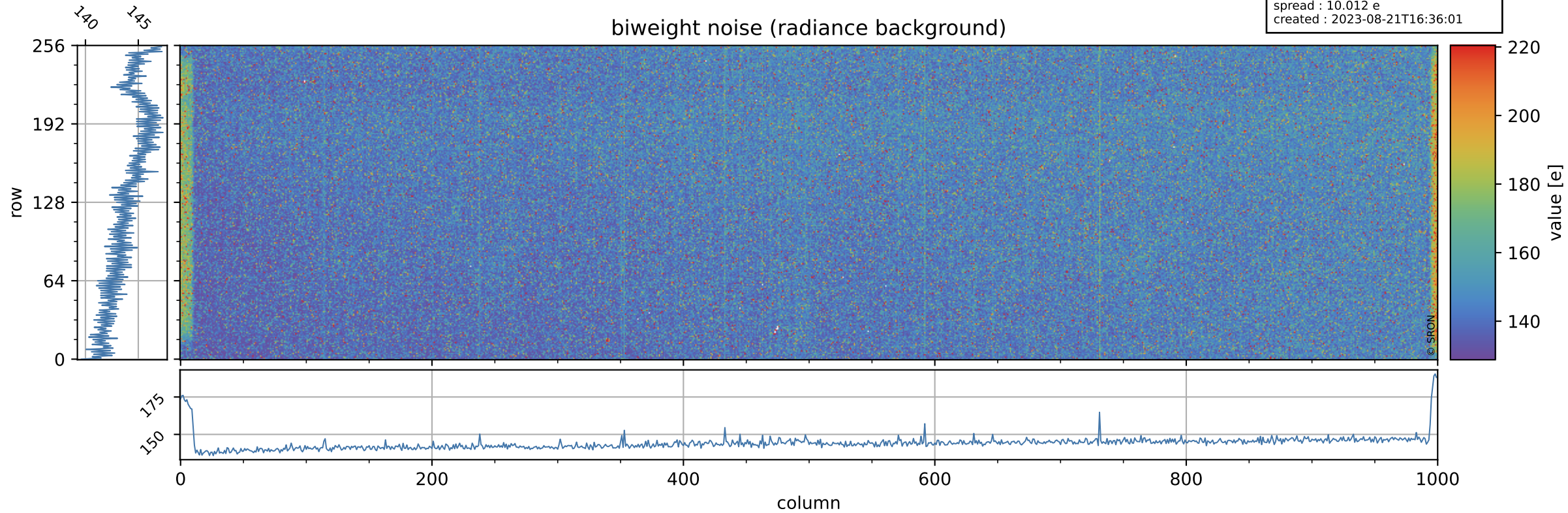
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24247, 24322]
coverage : 2022-06-17 / 2022-06-23
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 10.012 e
created : 2023-08-21T16:36:01

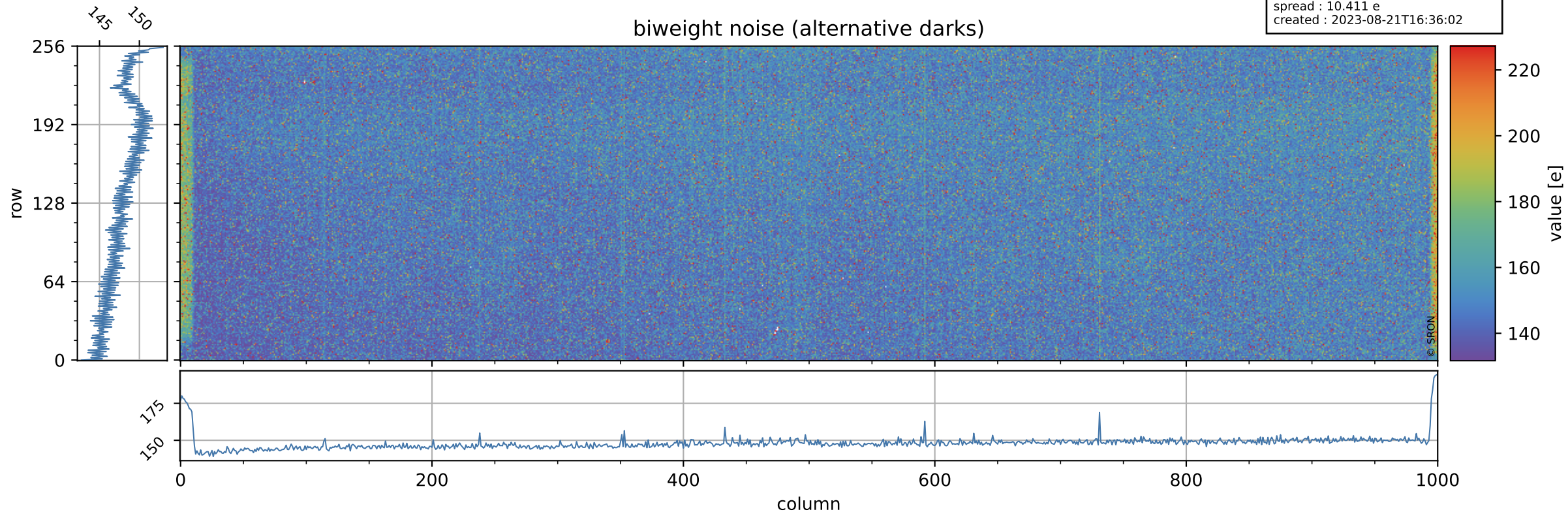
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24247, 24322]
coverage : 2022-06-17 / 2022-06-23
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.411 e
created : 2023-08-21T16:36:02

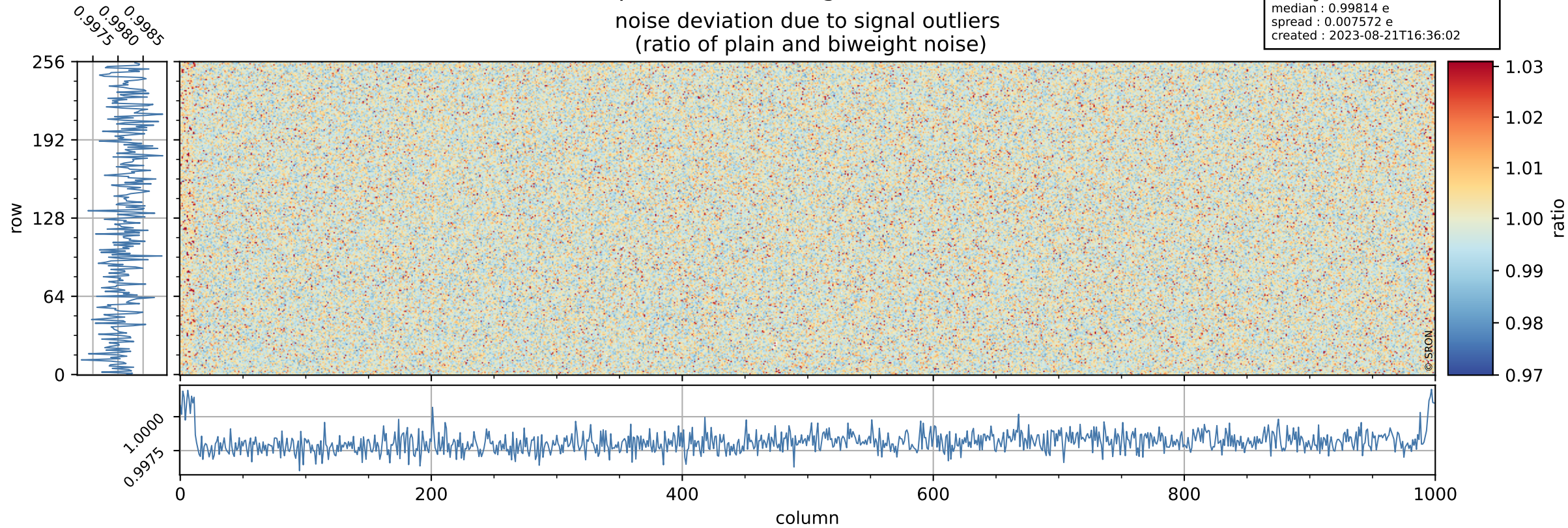
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

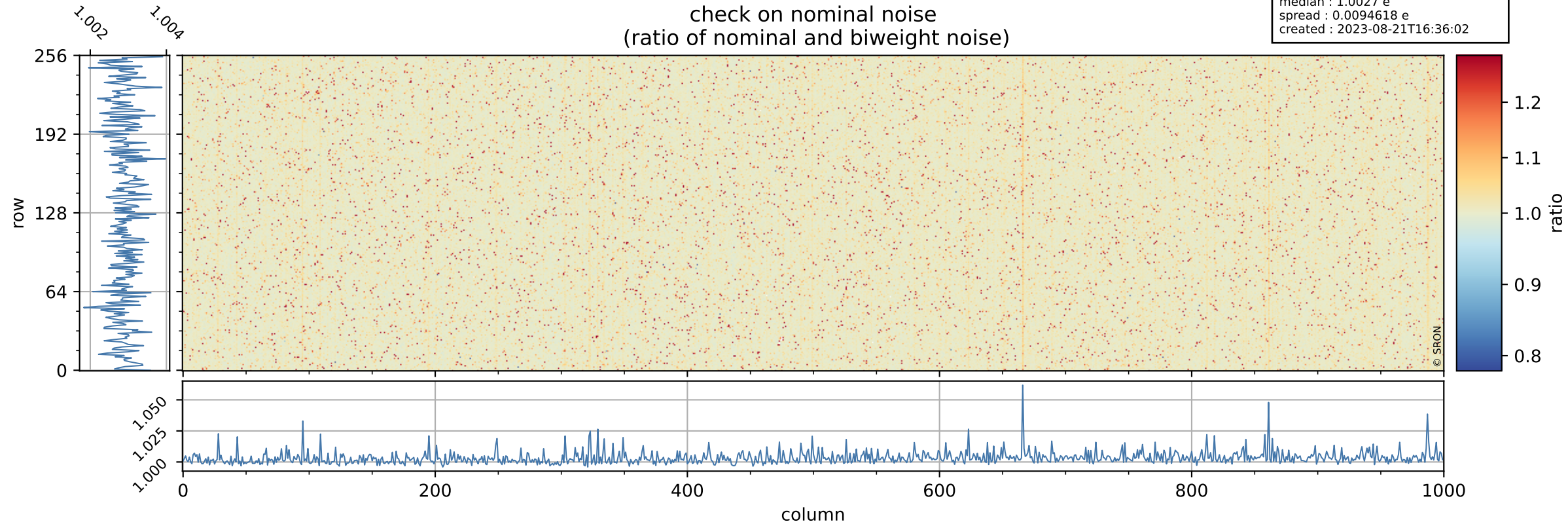
orbits : 12 in [24247, 24322]
coverage : 2022-06-17 / 2022-06-23
median : 0.99814 e
spread : 0.007572 e
created : 2023-08-21T16:36:02



Tropomi SWIR background noise (swir)

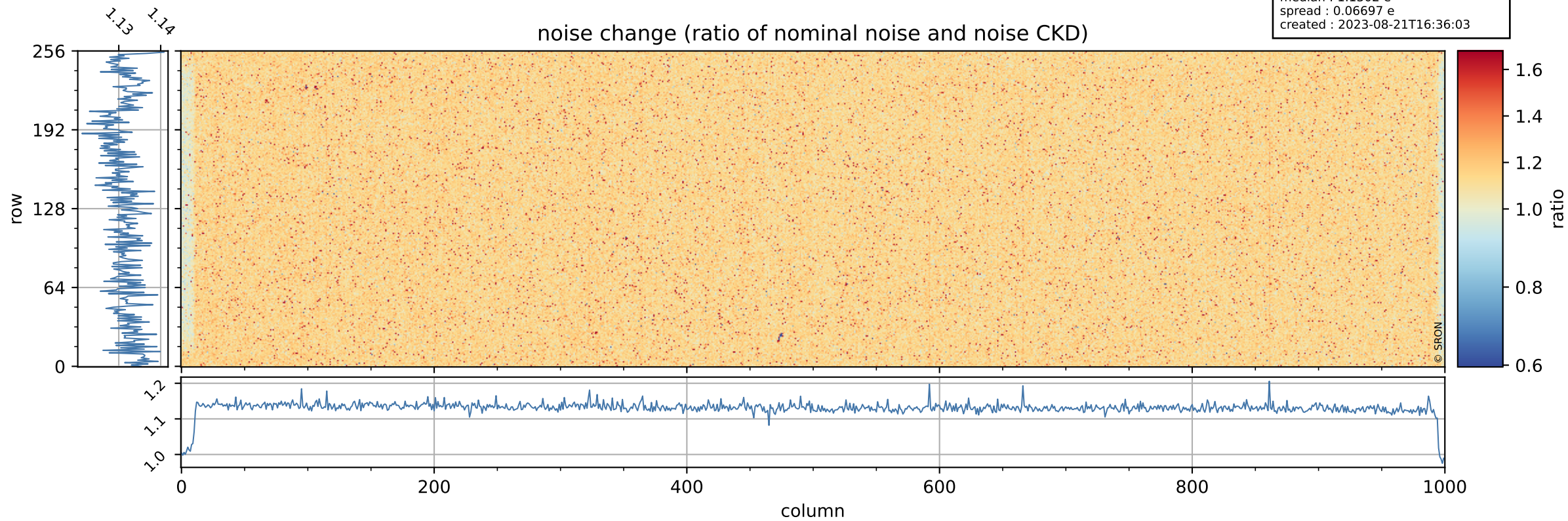
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24247, 24322]
coverage : 2022-06-17 / 2022-06-23
median : 1.0027 e
spread : 0.0094618 e
created : 2023-08-21T16:36:02



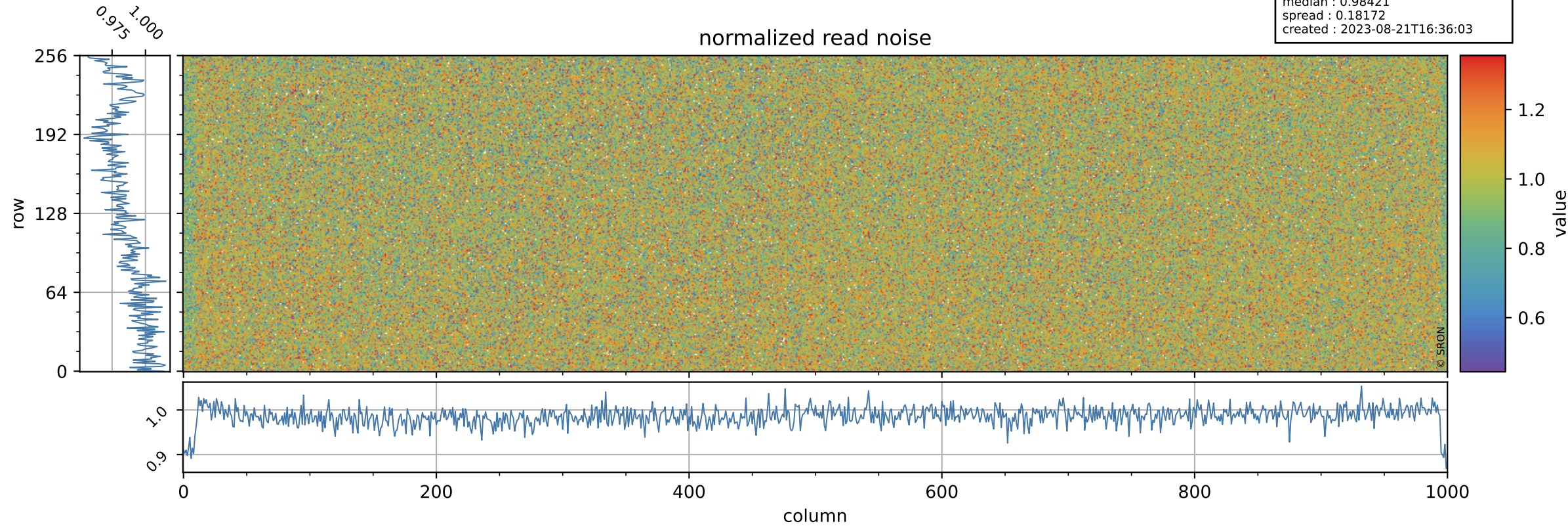
Tropomi SWIR background noise (swir)

orbits : 12 in [24247, 24322]
coverage : 2022-06-17 / 2022-06-23
median : 1.1302 e
spread : 0.06697 e
created : 2023-08-21T16:36:03



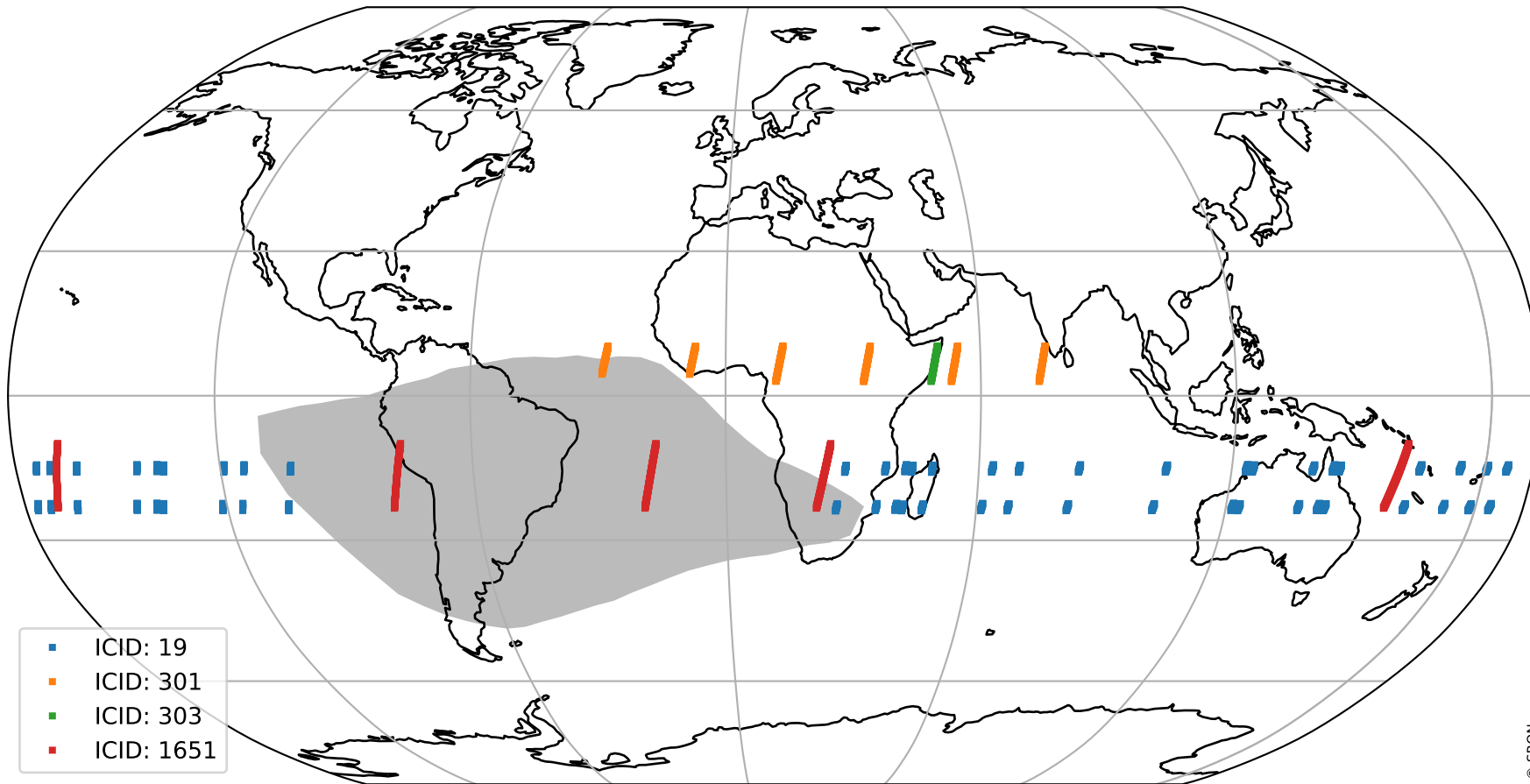
Tropomi SWIR background noise (swir)

orbits : 12 in [24247, 24322]
coverage : 2022-06-17 / 2022-06-23
median : 0.98421
spread : 0.18172
created : 2023-08-21T16:36:03



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

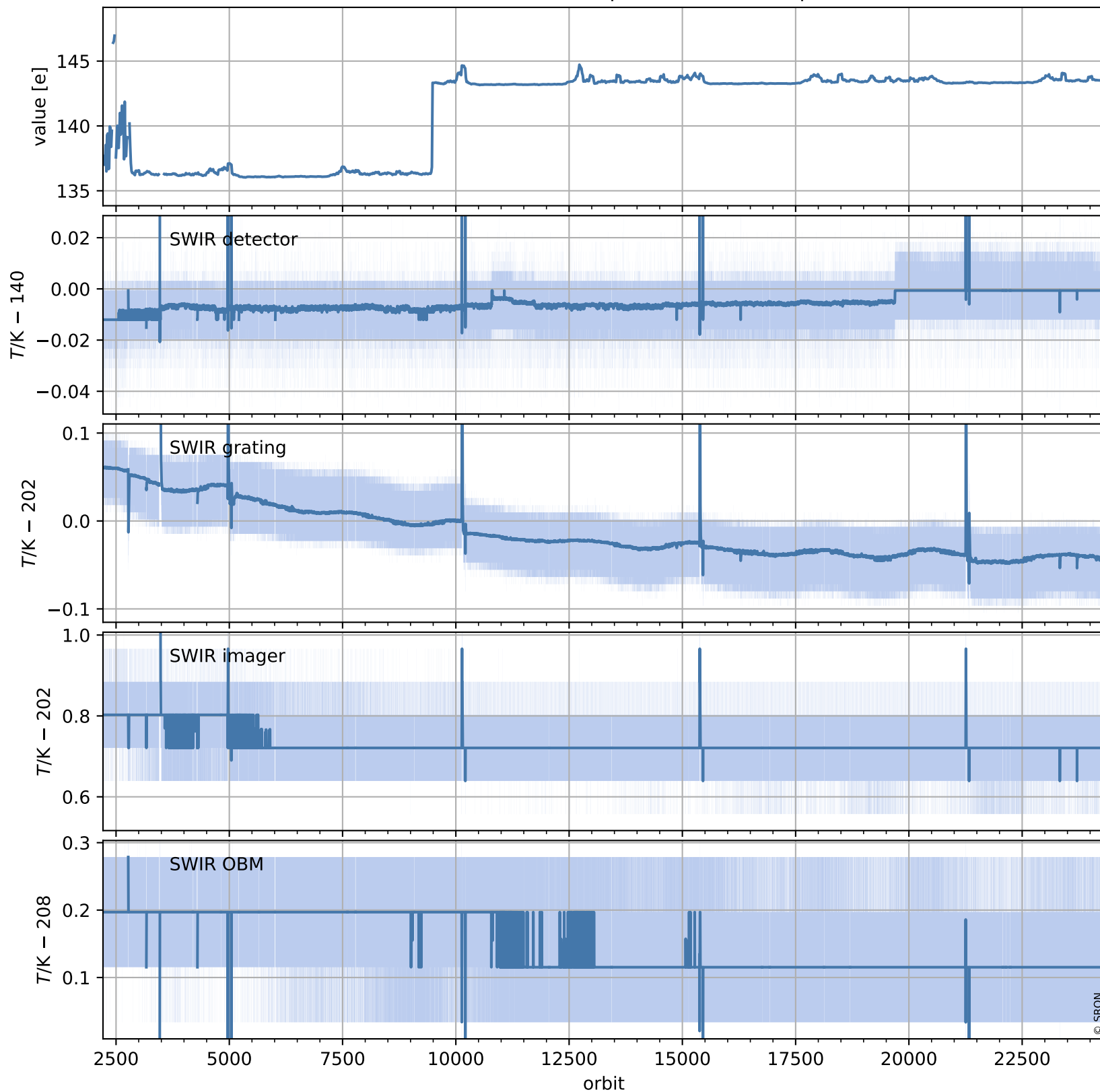
orbits : 12 in [24247, 24322]
coverage : 2022-06-17 / 2022-06-23
created : 2023-08-21T16:36:03



Tropomi SWIR background noise (swir)

orbits : [2212, 24322]
coverage : 2018-03-18 / 2022-06-23
created : 2023-08-21T16:36:04

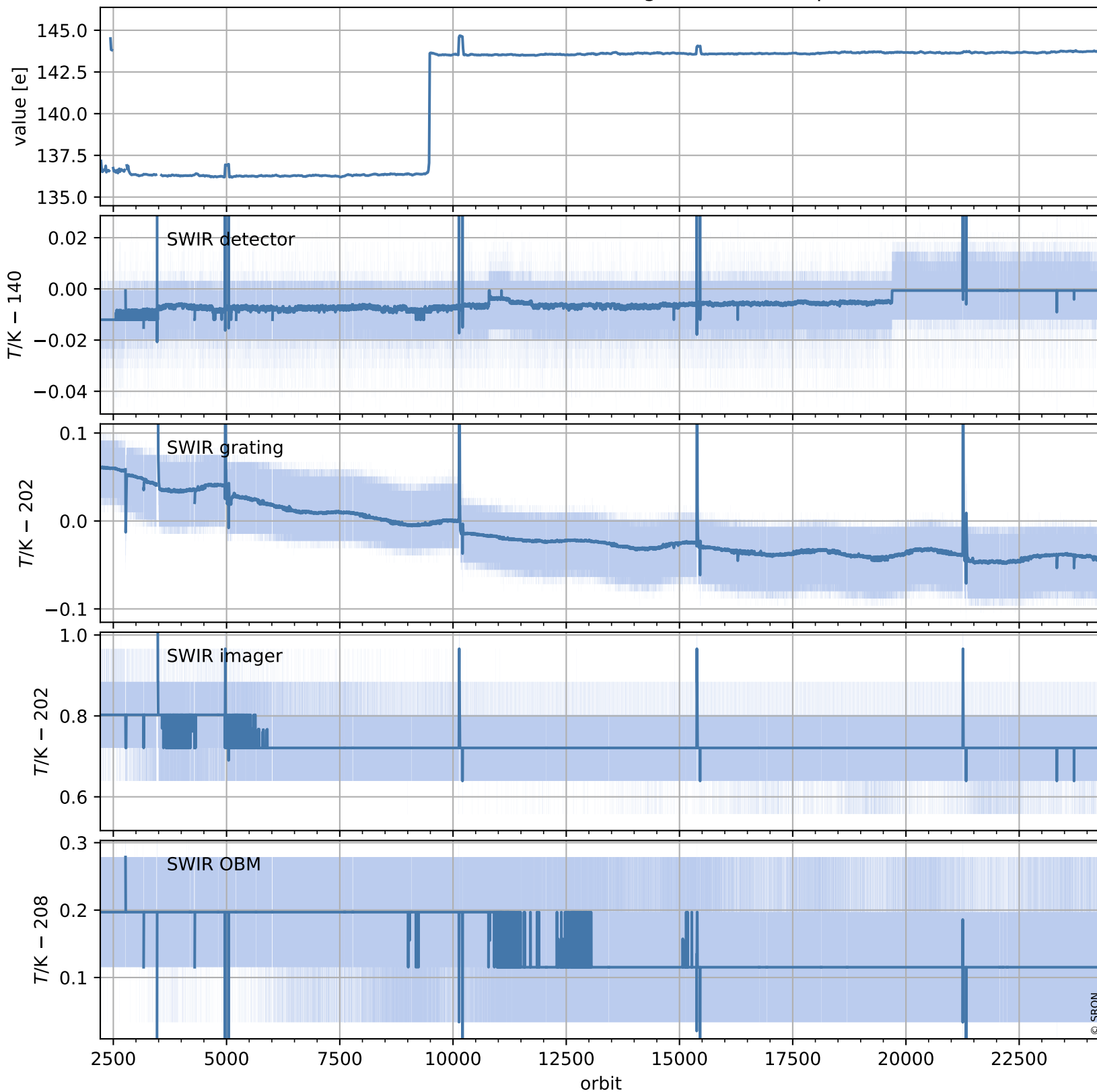
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24322]
coverage : 2018-03-18 / 2022-06-23
created : 2023-08-21T16:36:05

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24322]
coverage : 2018-03-18 / 2022-06-23
created : 2023-08-21T16:36:06

trend of normalized read-noise & temperatures

