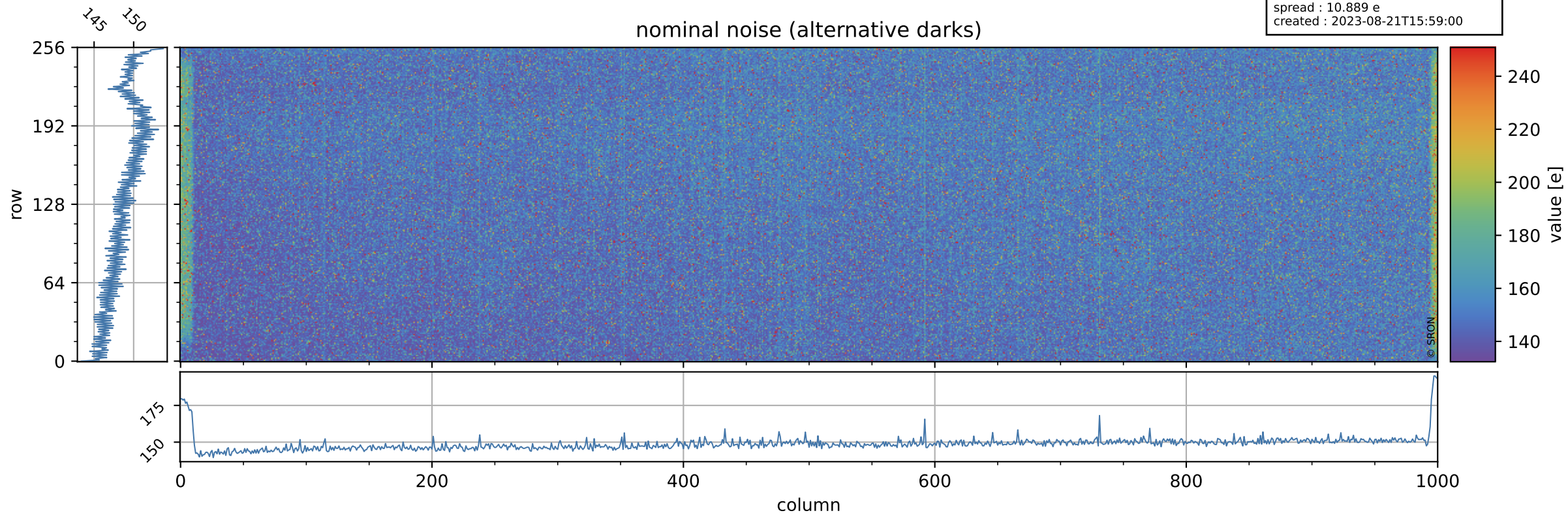


Tropomi SWIR background noise (swir)

orbits : 13 in [18307, 18382]
coverage : 2021-04-25 / 2021-04-30
n_coad, t_exp : 1, 1.0783
median : 148.67 e
spread : 10.889 e
created : 2023-08-21T15:59:00

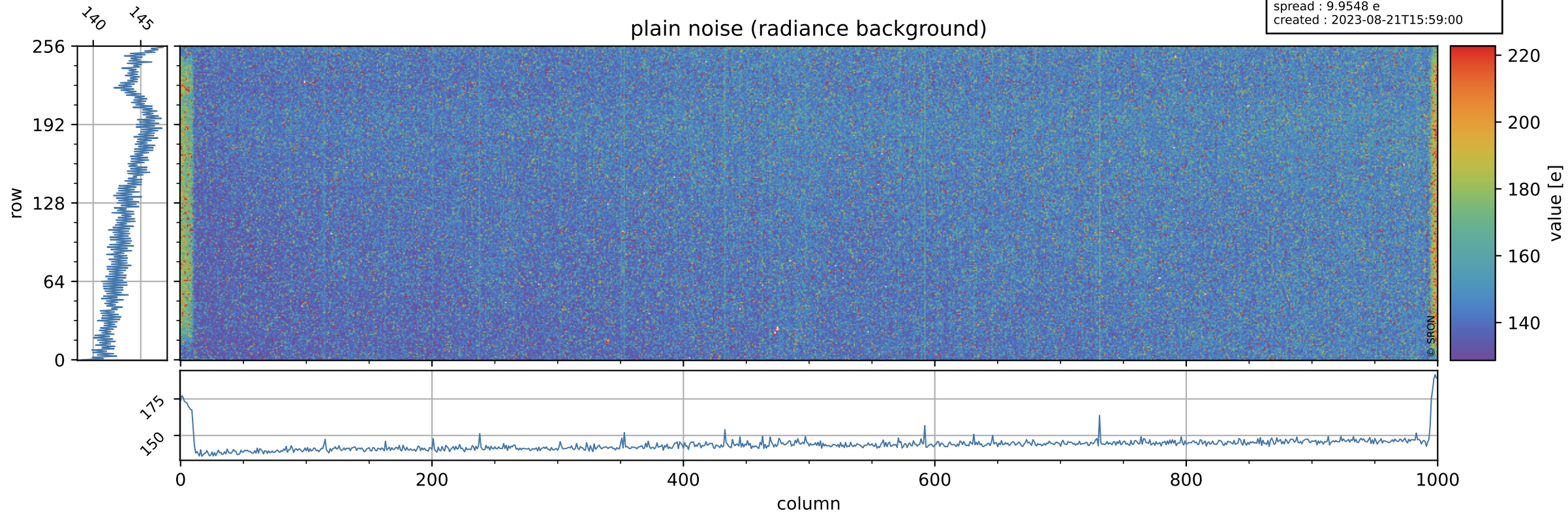
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [18307, 18382]
coverage : 2021-04-25 / 2021-04-30
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.9548 e
created : 2023-08-21T15:59:00

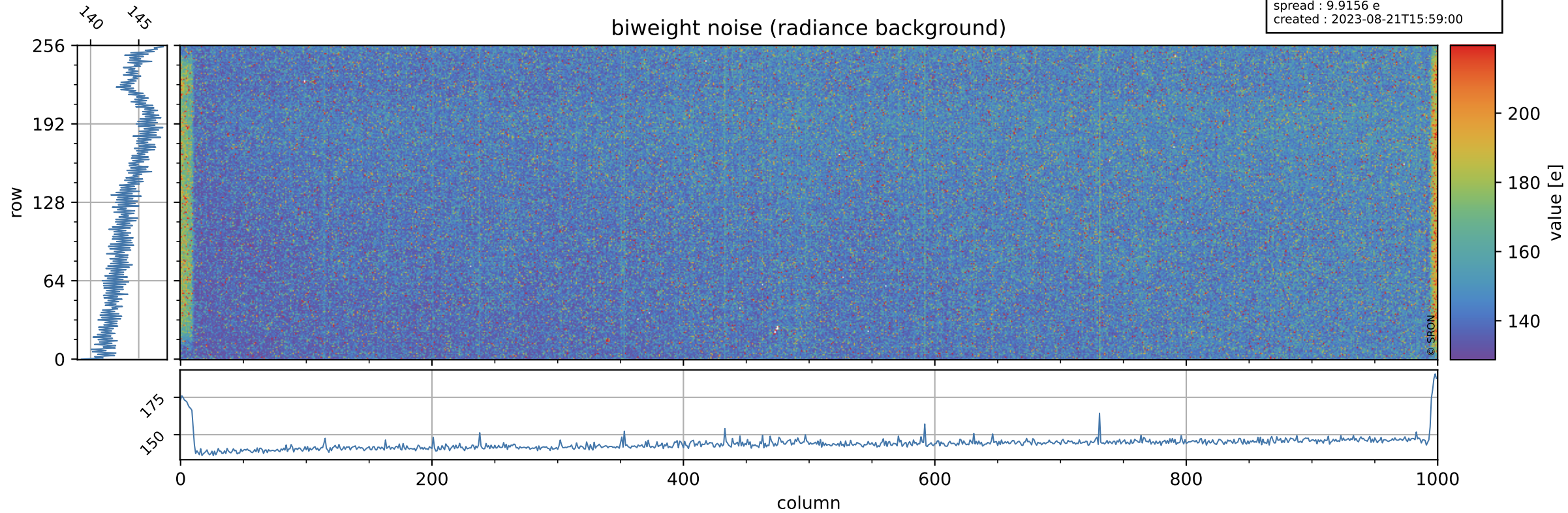
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [18307, 18382]
coverage : 2021-04-25 / 2021-04-30
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9156 e
created : 2023-08-21T15:59:00

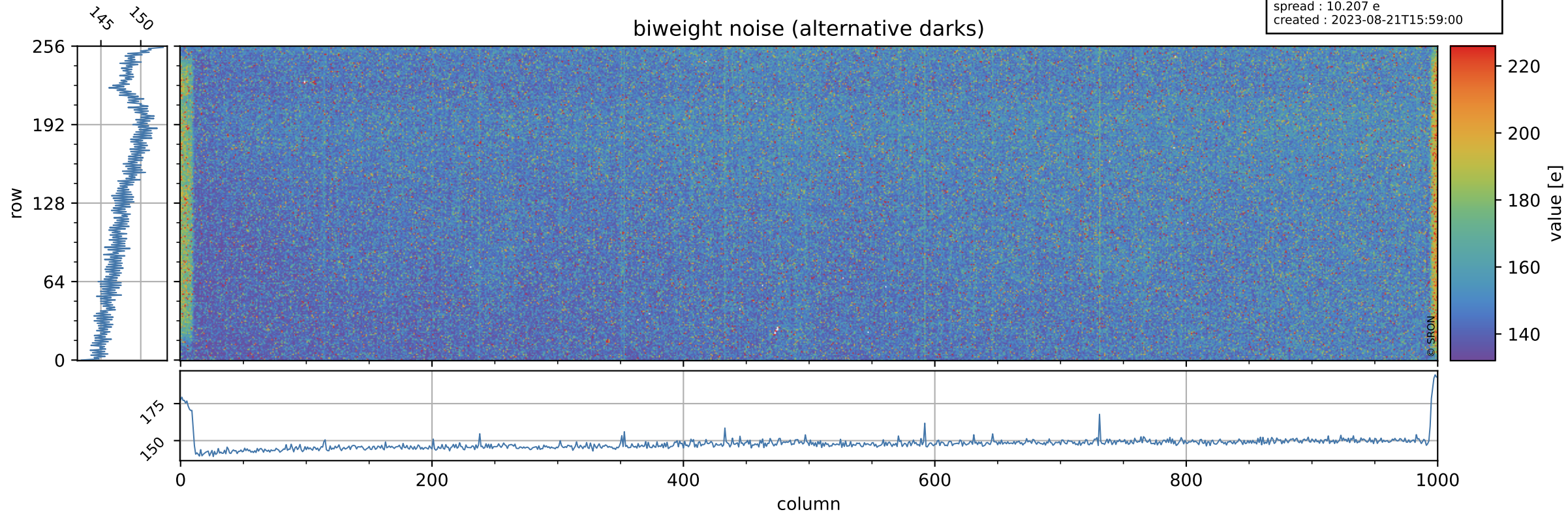
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [18307, 18382]
coverage : 2021-04-25 / 2021-04-30
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.207 e
created : 2023-08-21T15:59:00

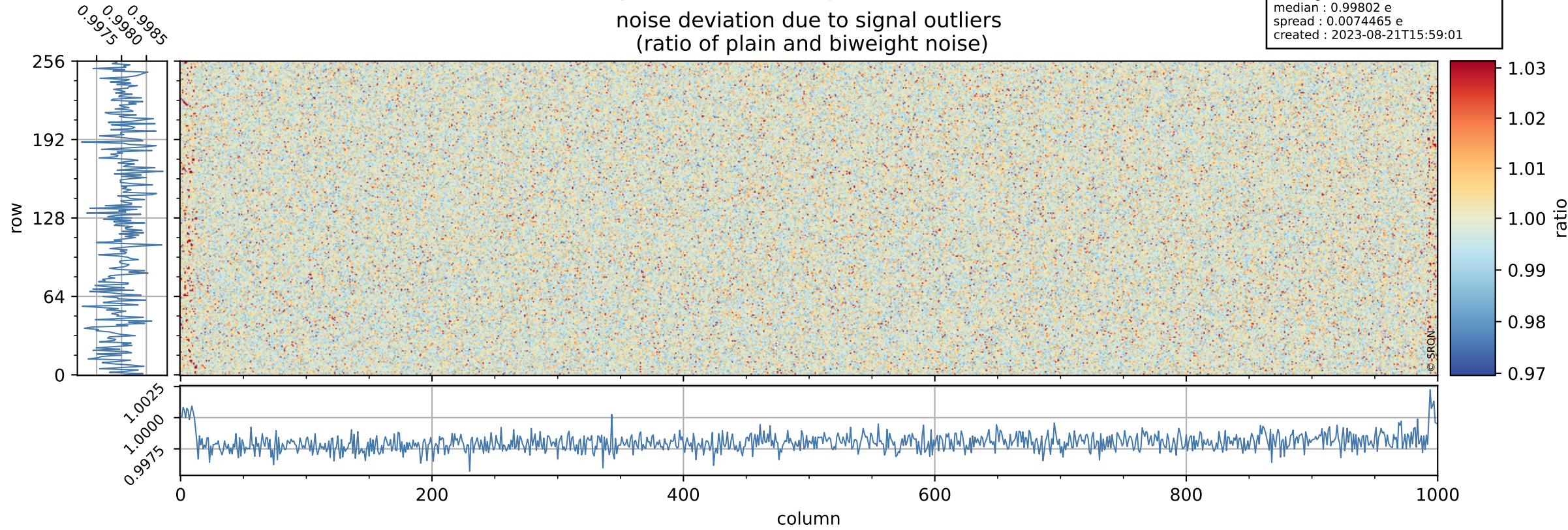
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

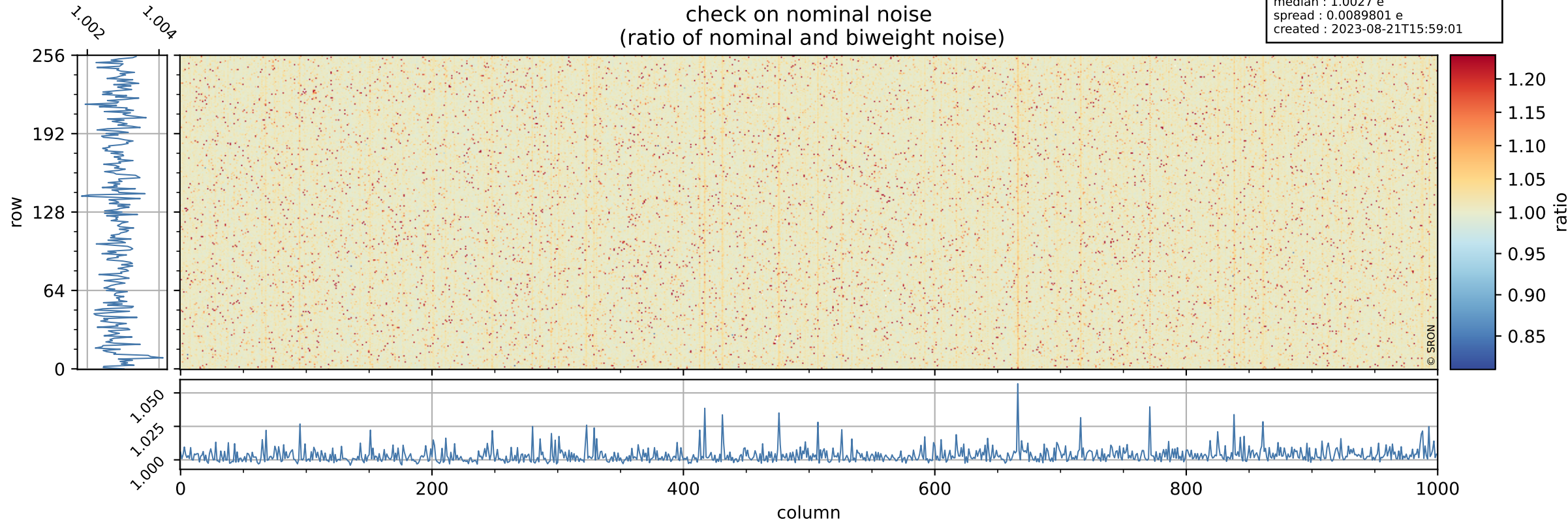
orbits : 13 in [18307, 18382]
coverage : 2021-04-25 / 2021-04-30
median : 0.99802 e
spread : 0.0074465 e
created : 2023-08-21T15:59:01



Tropomi SWIR background noise (swir)

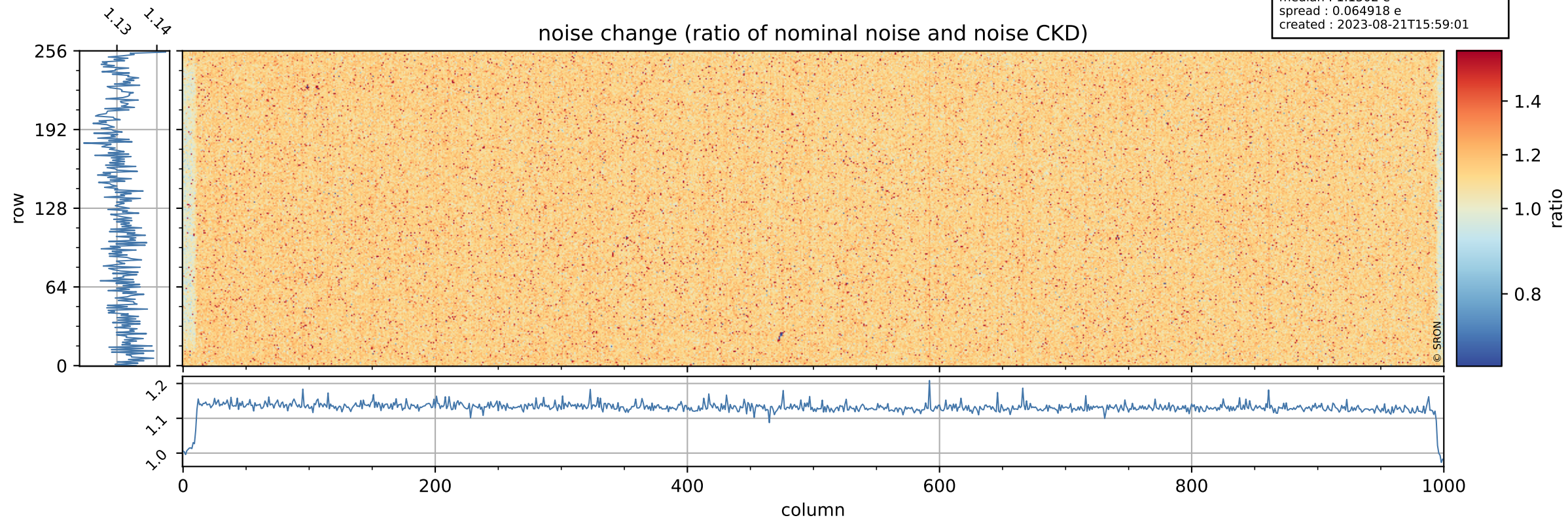
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [18307, 18382]
coverage : 2021-04-25 / 2021-04-30
median : 1.0027 e
spread : 0.0089801 e
created : 2023-08-21T15:59:01



Tropomi SWIR background noise (swir)

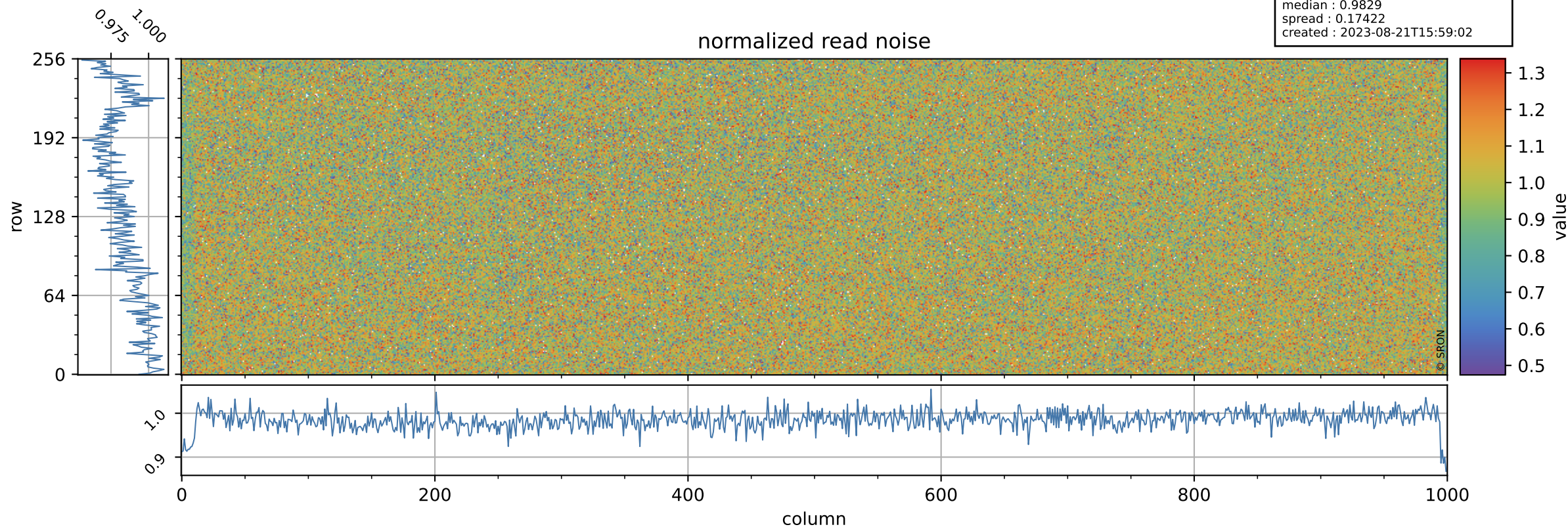
orbits : 13 in [18307, 18382]
coverage : 2021-04-25 / 2021-04-30
median : 1.1302 e
spread : 0.064918 e
created : 2023-08-21T15:59:01



Tropomi SWIR background noise (swir)

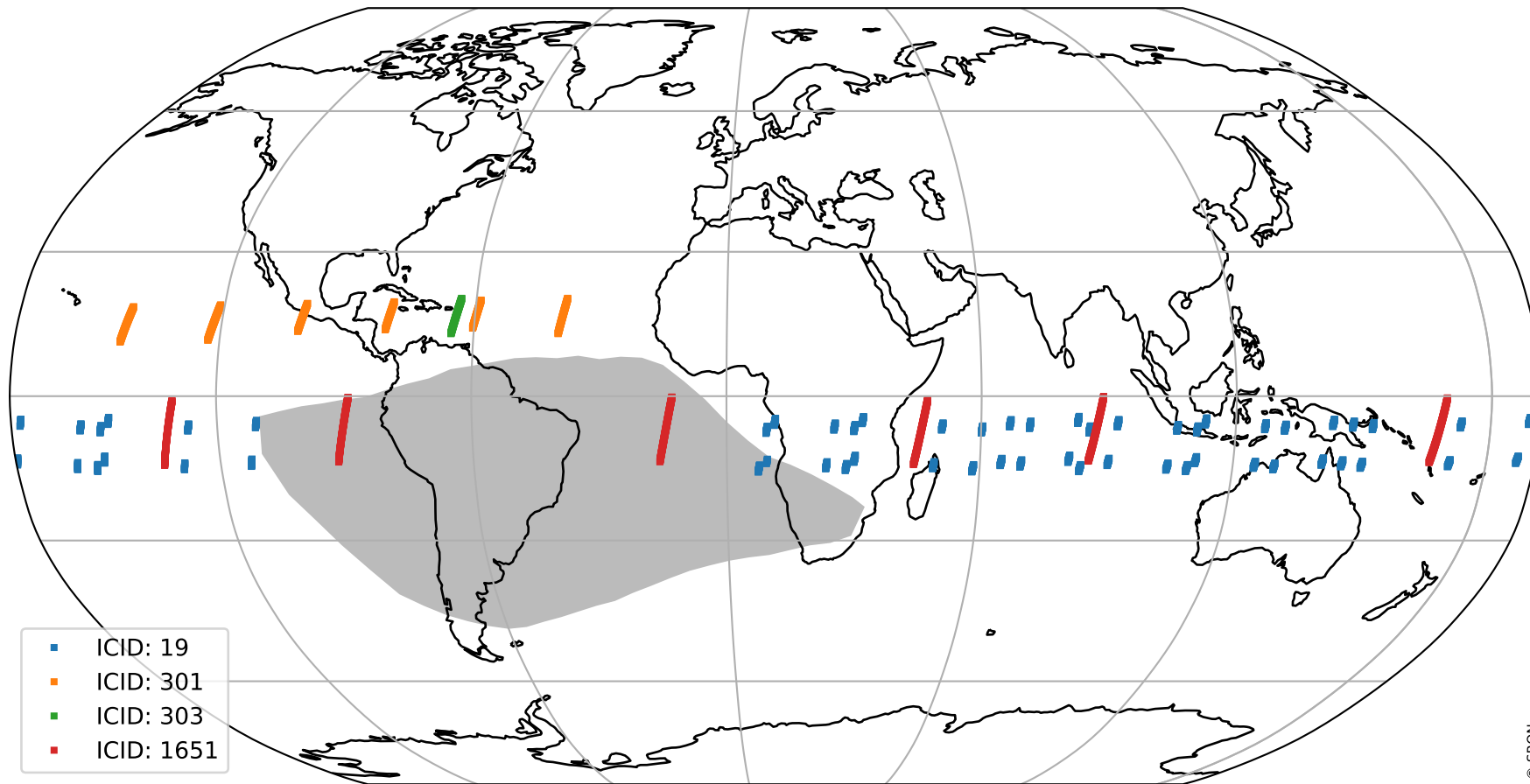
orbits : 13 in [18307, 18382]
coverage : 2021-04-25 / 2021-04-30
median : 0.9829
spread : 0.17422
created : 2023-08-21T15:59:02

normalized read noise



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

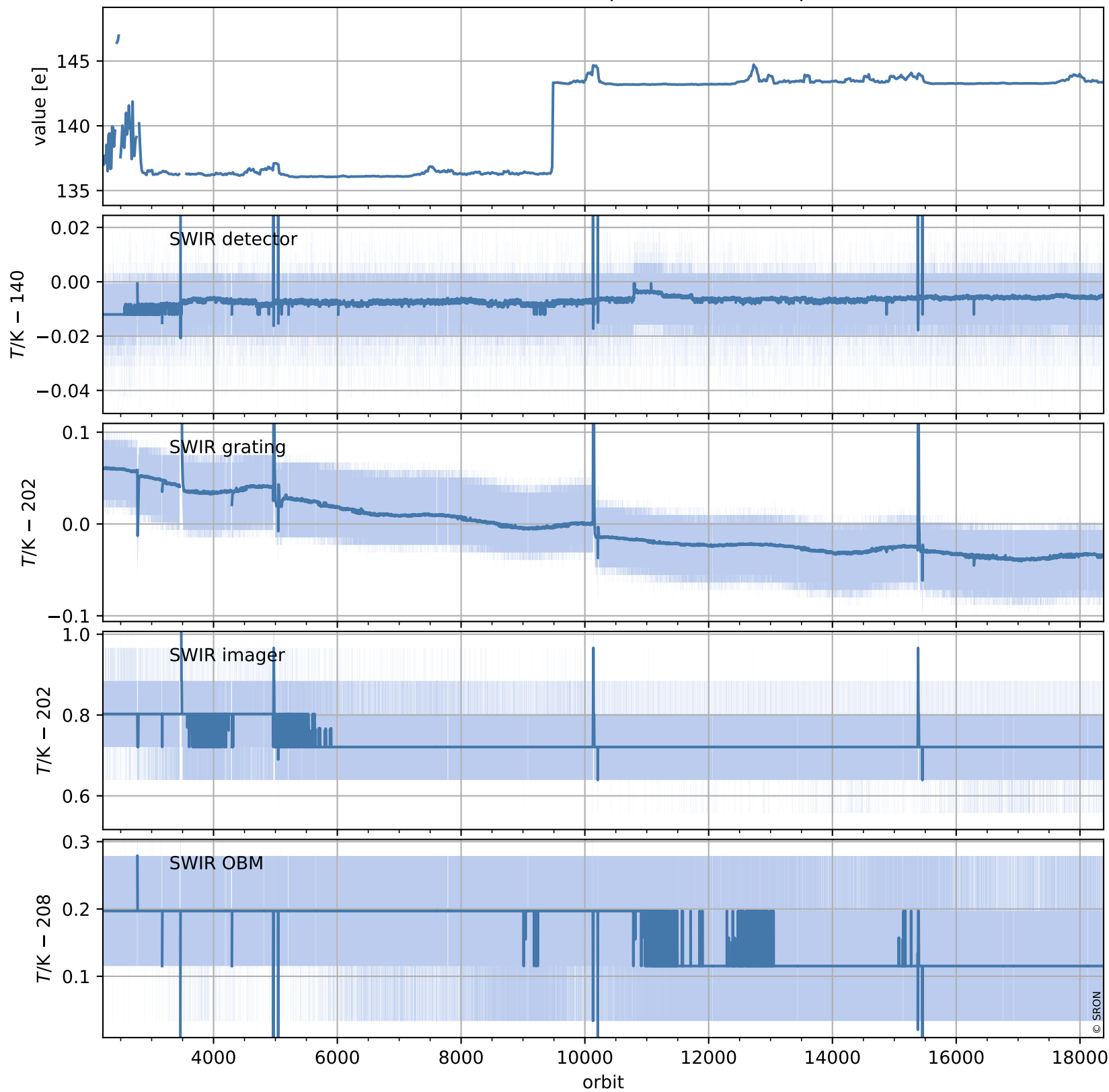
orbits : 13 in [18307, 18382]
coverage : 2021-04-25 / 2021-04-30
created : 2023-08-21T15:59:02



Tropomi SWIR background noise (swir)

orbits : [2212, 18382]
coverage : 2018-03-18 / 2021-04-30
created : 2023-08-21T15:59:02

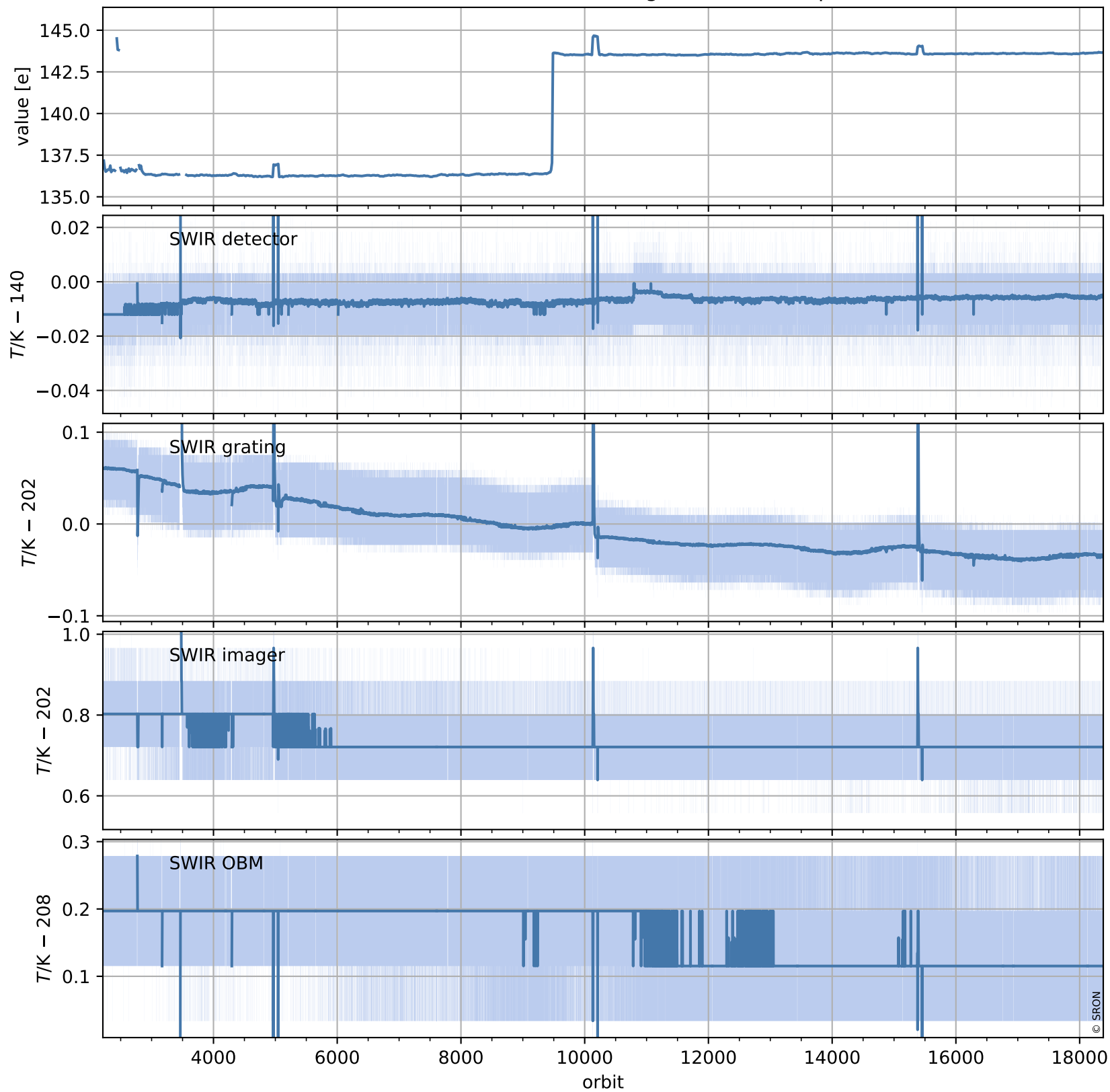
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18382]
coverage : 2018-03-18 / 2021-04-30
created : 2023-08-21T15:59:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18382]
coverage : 2018-03-18 / 2021-04-30
created : 2023-08-21T15:59:04

trend of normalized read-noise & temperatures

