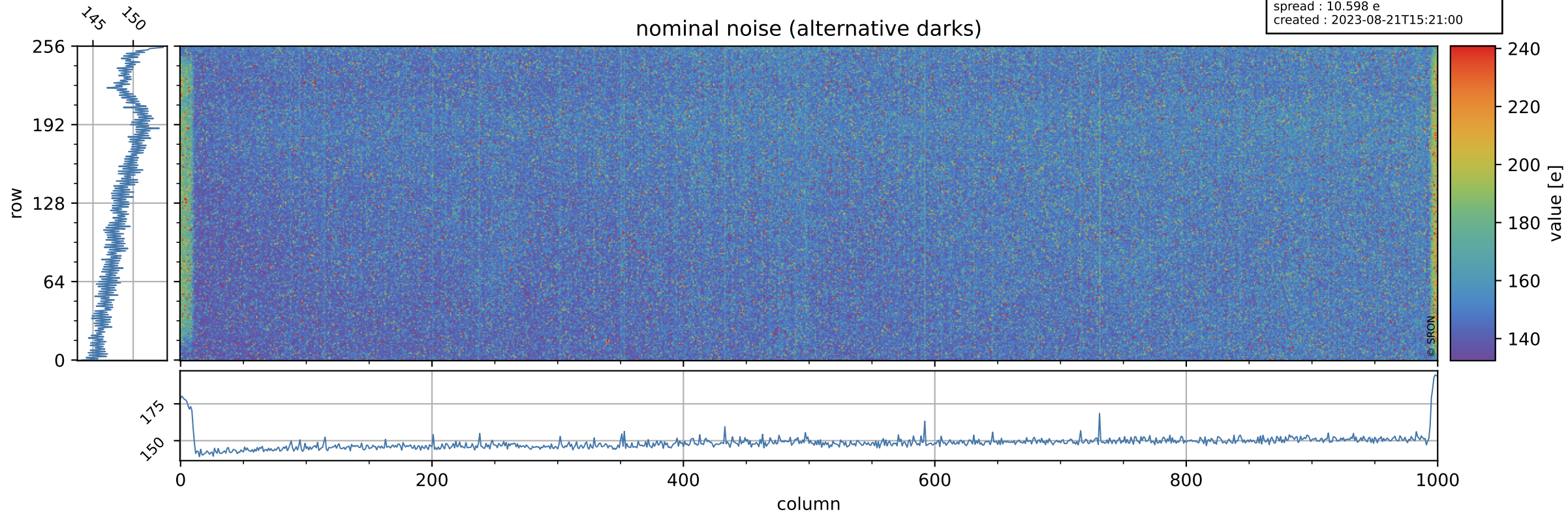


Tropomi SWIR background noise (swir)

orbits : 12 in [11557, 11632]
coverage : 2020-01-05 / 2020-01-10
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.598 e
created : 2023-08-21T15:21:00

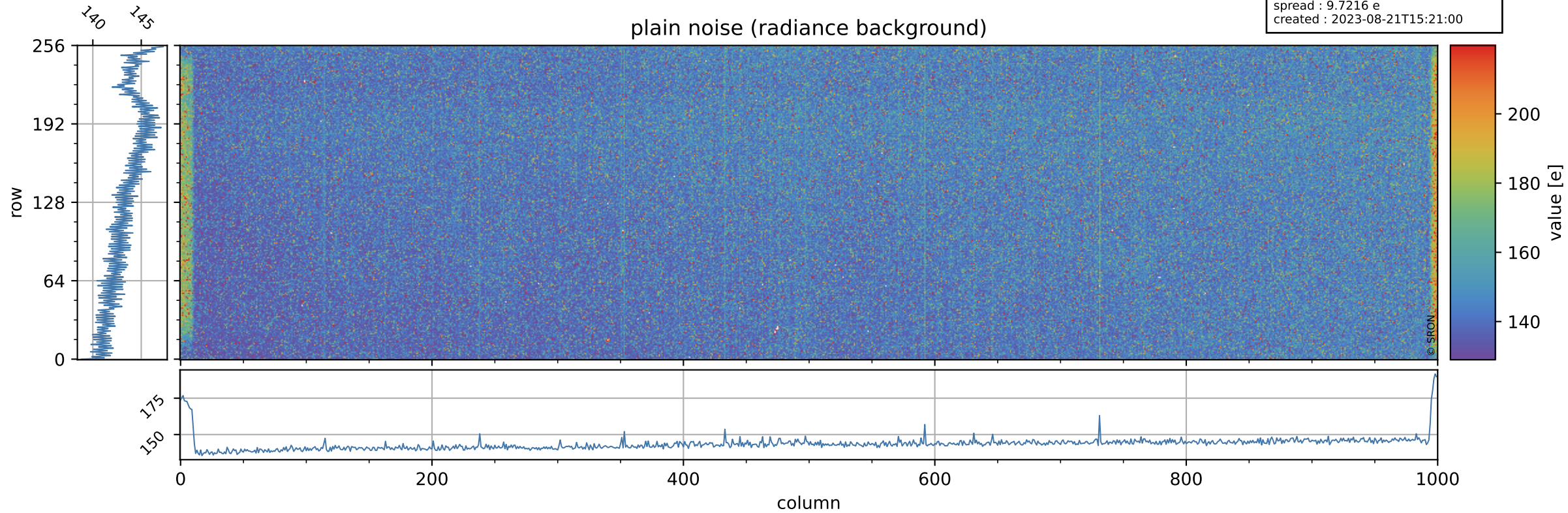
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11557, 11632]
coverage : 2020-01-05 / 2020-01-10
n_coad, t_exp : 1, 0.8383
median : 143.35 e
spread : 9.7216 e
created : 2023-08-21T15:21:00

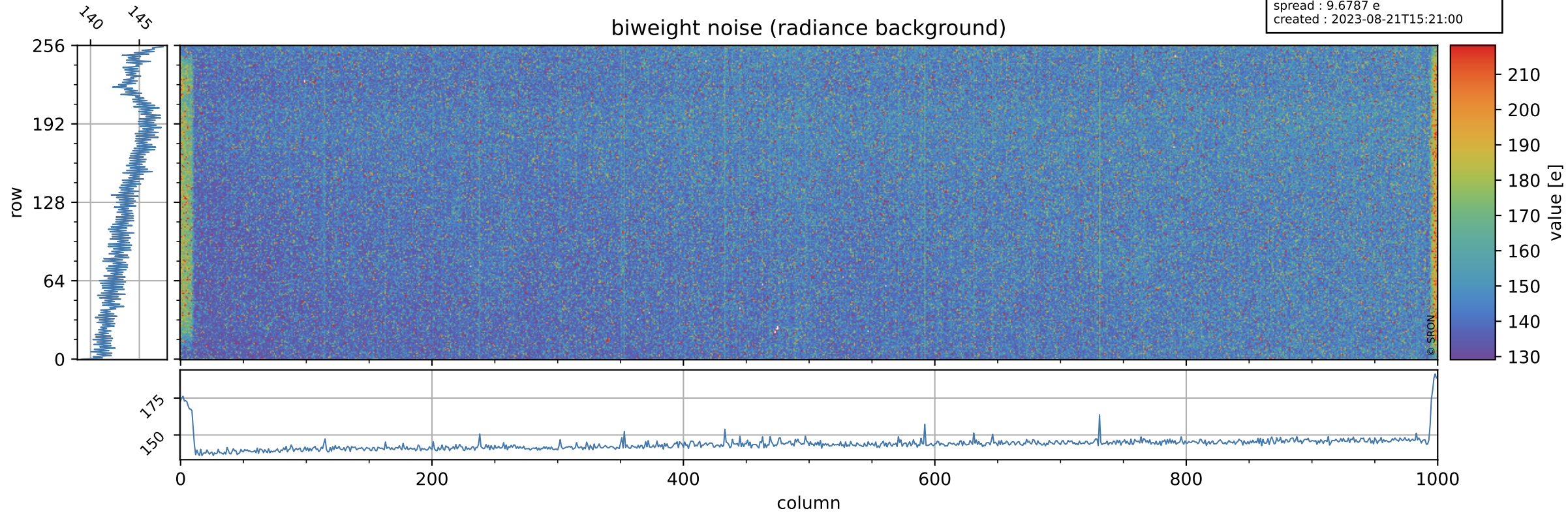
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11557, 11632]
coverage : 2020-01-05 / 2020-01-10
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.6787 e
created : 2023-08-21T15:21:00

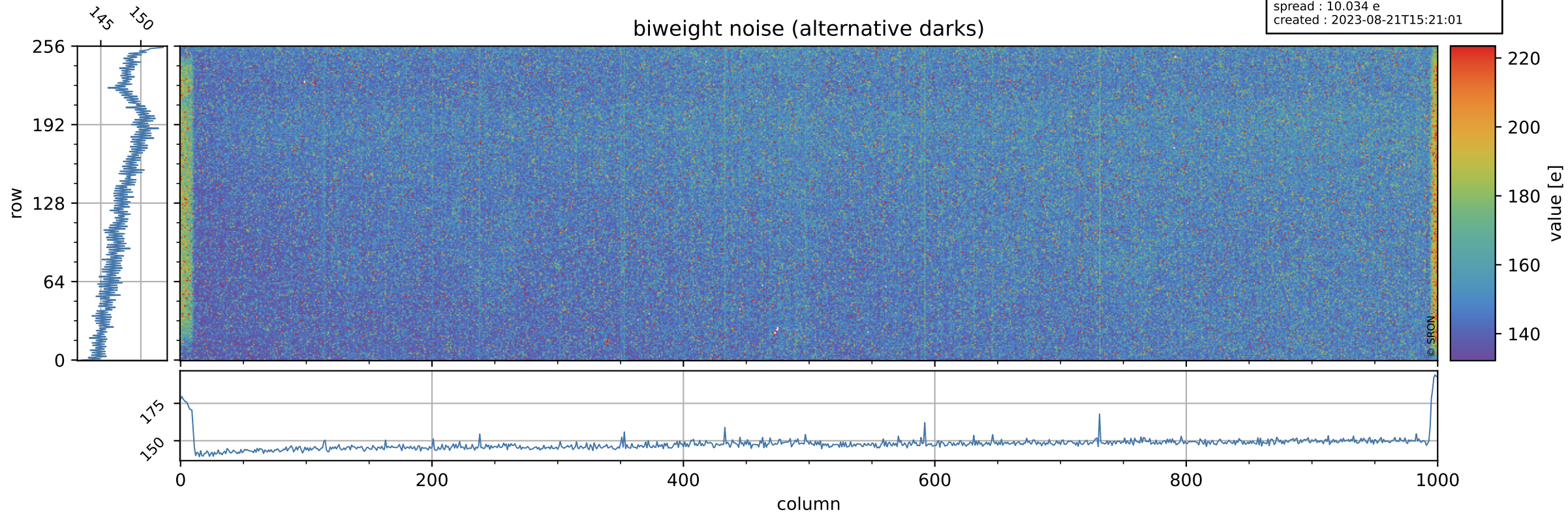
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11557, 11632]
coverage : 2020-01-05 / 2020-01-10
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.034 e
created : 2023-08-21T15:21:01

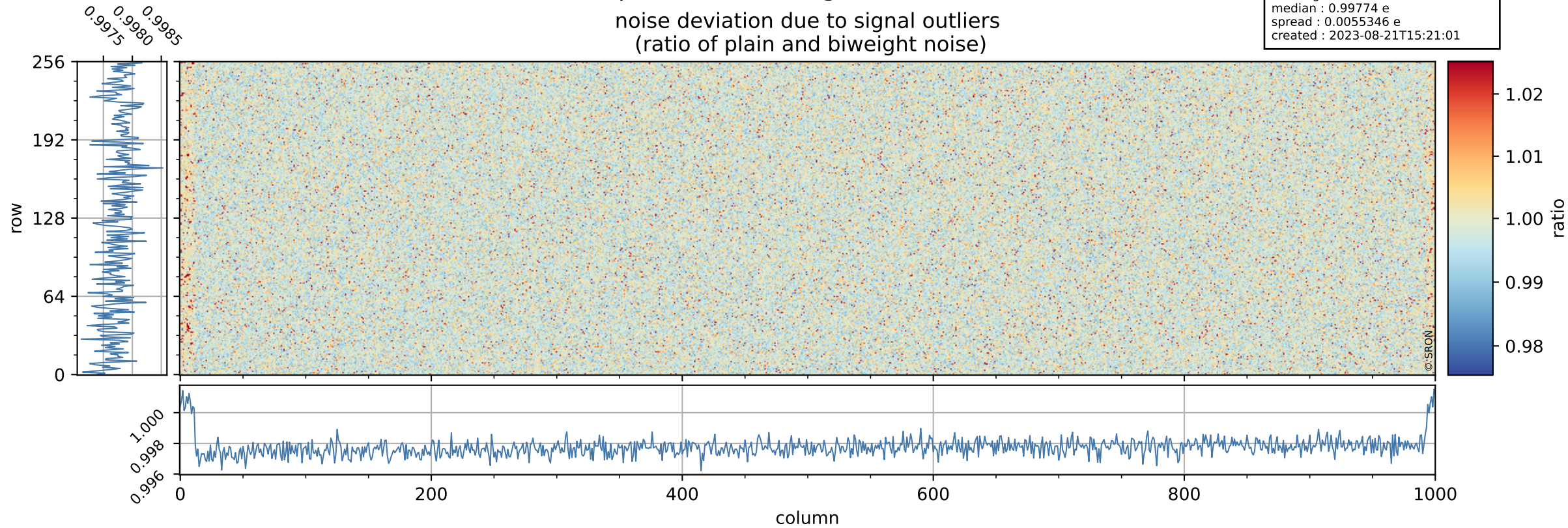
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

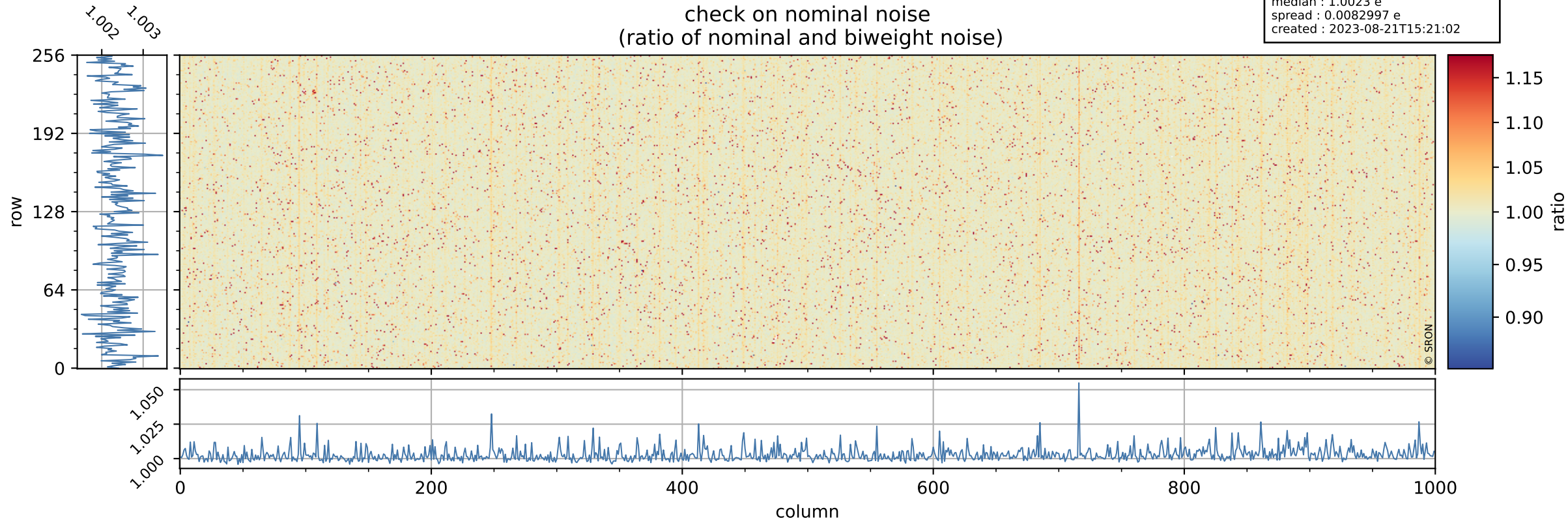
orbits : 12 in [11557, 11632]
coverage : 2020-01-05 / 2020-01-10
median : 0.99774 e
spread : 0.0055346 e
created : 2023-08-21T15:21:01



Tropomi SWIR background noise (swir)

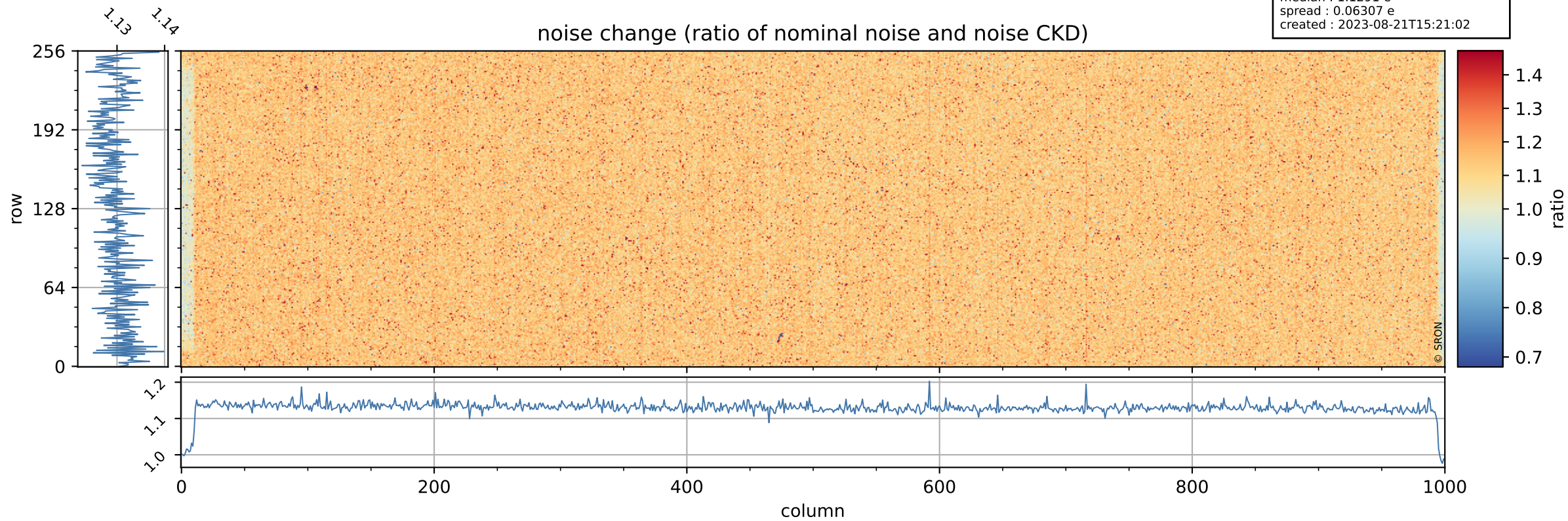
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [11557, 11632]
coverage : 2020-01-05 / 2020-01-10
median : 1.0023 e
spread : 0.0082997 e
created : 2023-08-21T15:21:02



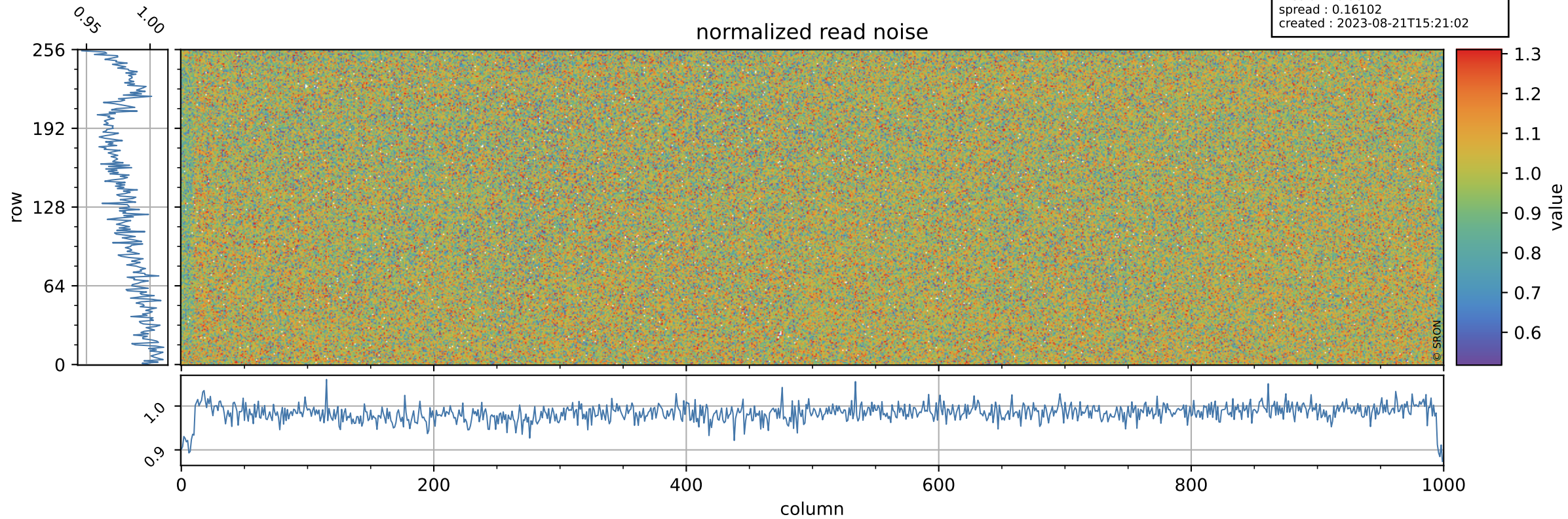
Tropomi SWIR background noise (swir)

orbits : 12 in [11557, 11632]
coverage : 2020-01-05 / 2020-01-10
median : 1.1291 e
spread : 0.06307 e
created : 2023-08-21T15:21:02



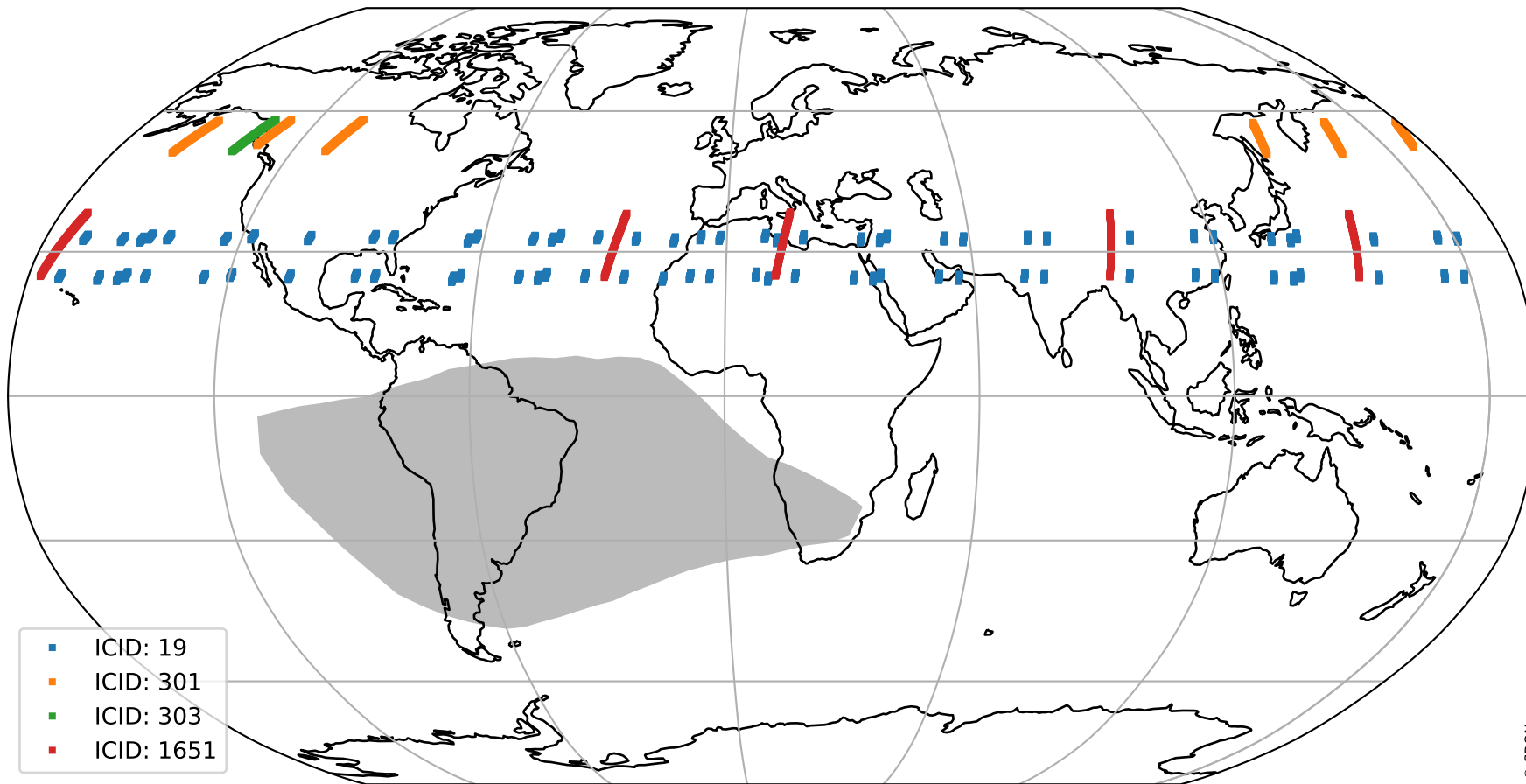
Tropomi SWIR background noise (swir)

orbits : 12 in [11557, 11632]
coverage : 2020-01-05 / 2020-01-10
median : 0.982
spread : 0.16102
created : 2023-08-21T15:21:02



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

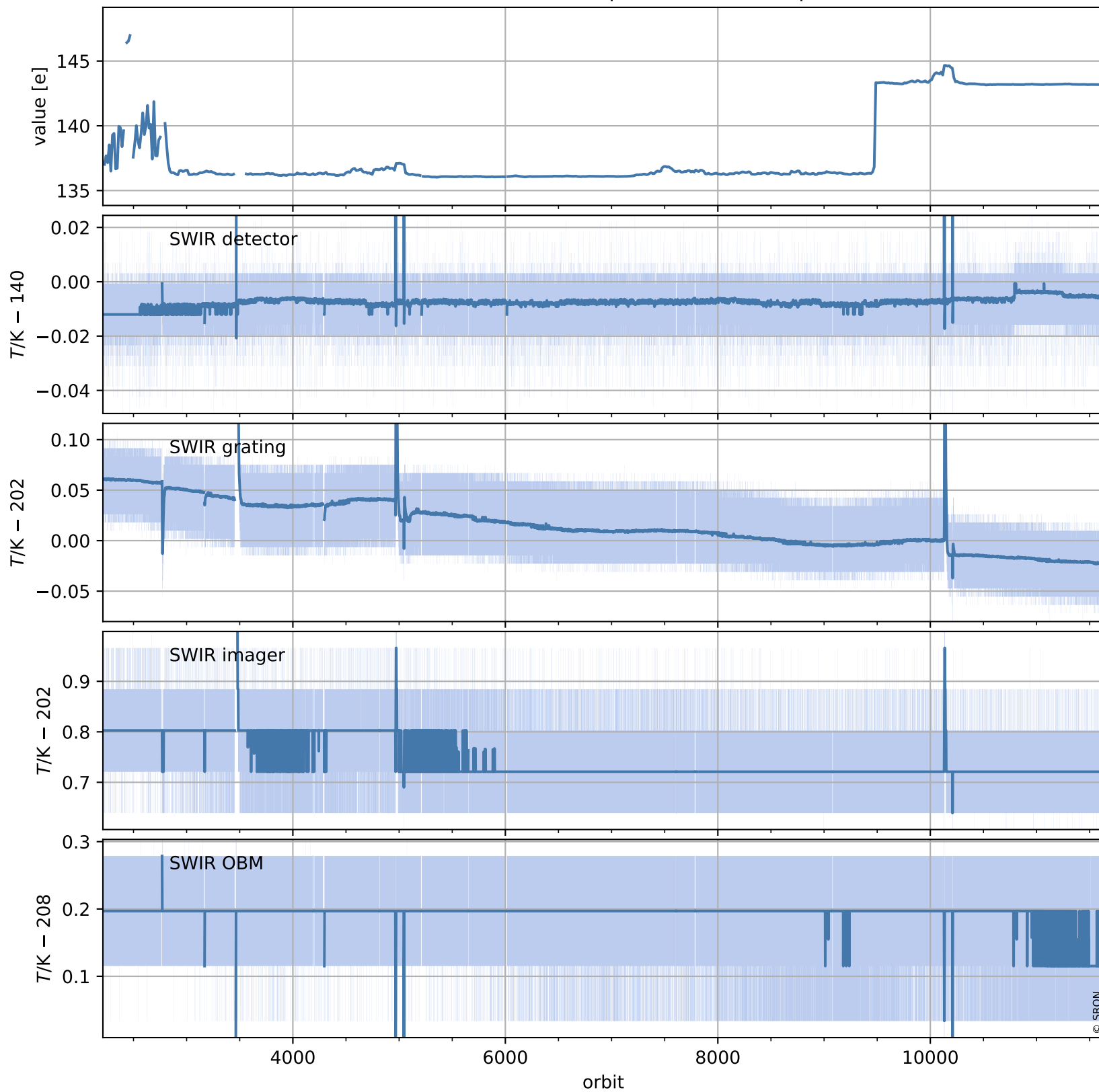
orbits : 12 in [11557, 11632]
coverage : 2020-01-05 / 2020-01-10
created : 2023-08-21T15:21:03



Tropomi SWIR background noise (swir)

orbits : [2212, 11632]
coverage : 2018-03-18 / 2020-01-10
created : 2023-08-21T15:21:03

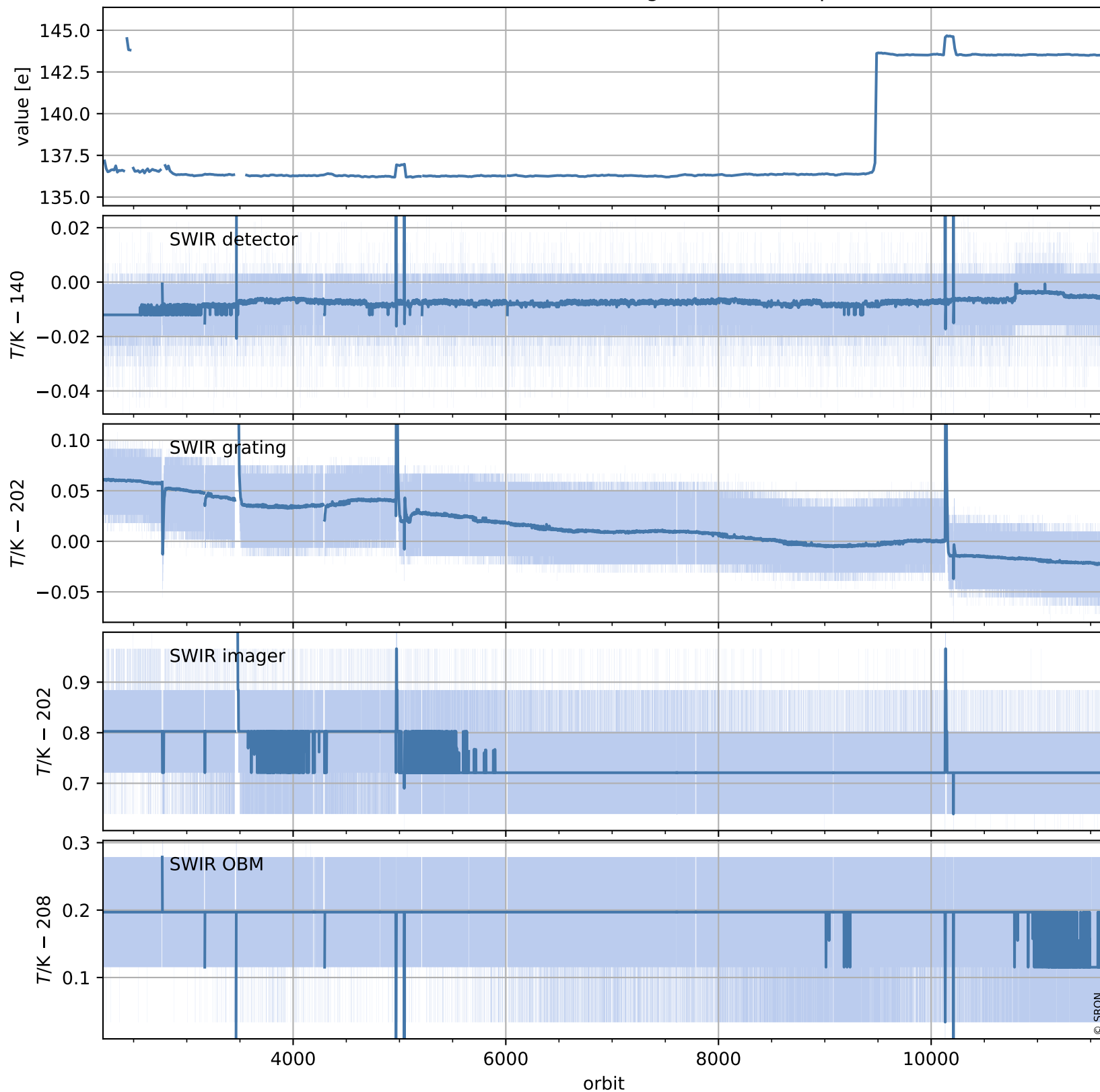
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11632]
coverage : 2018-03-18 / 2020-01-10
created : 2023-08-21T15:21:04

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11632]
coverage : 2018-03-18 / 2020-01-10
created : 2023-08-21T15:21:04

trend of normalized read-noise & temperatures

