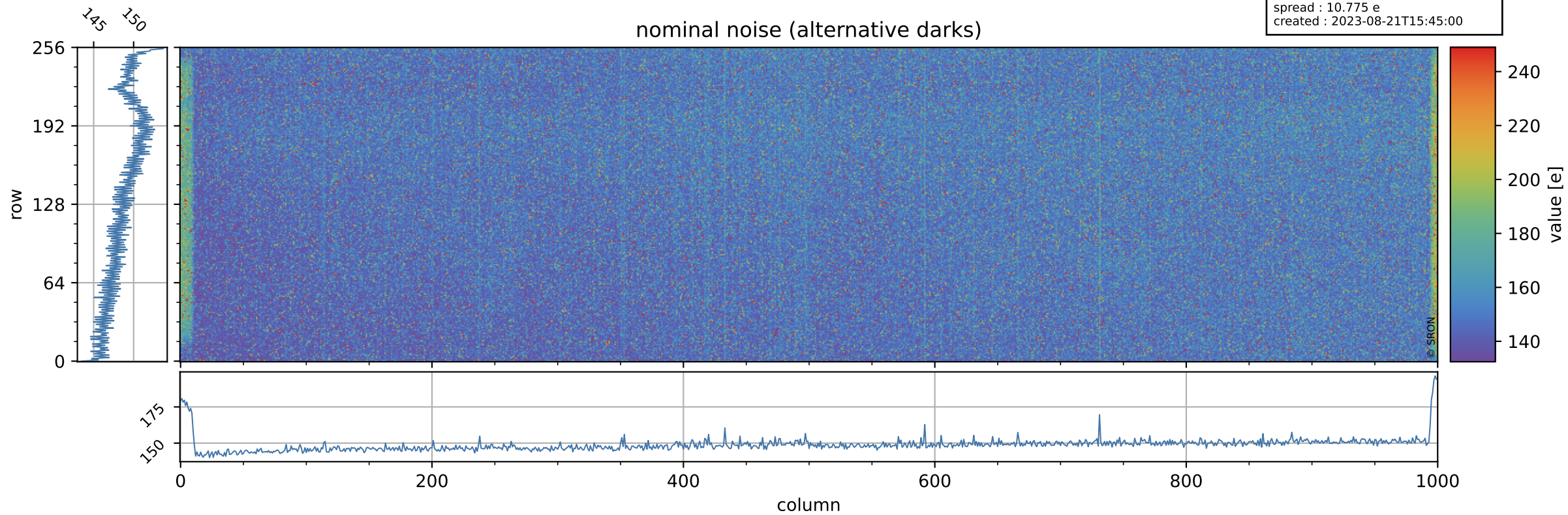


Tropomi SWIR background noise (swir)

orbits : 11 in [15877, 15967]
coverage : 2020-11-05 / 2020-11-11
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.775 e
created : 2023-08-21T15:45:00

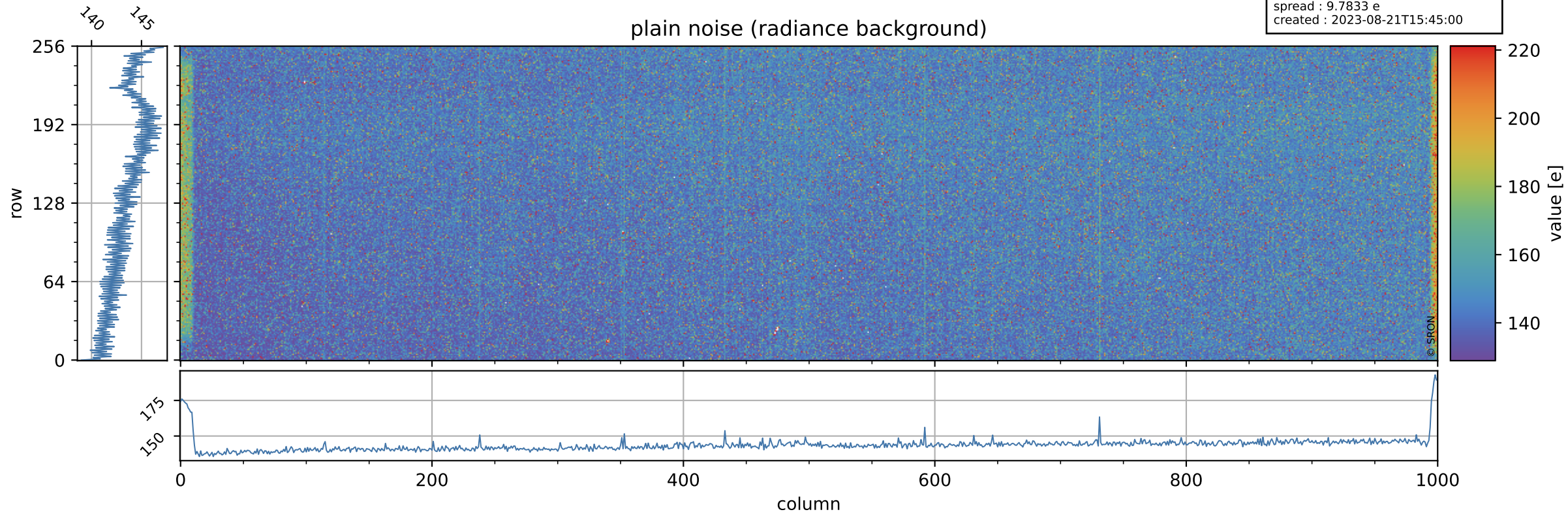
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [15877, 15967]
coverage : 2020-11-05 / 2020-11-11
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.7833 e
created : 2023-08-21T15:45:00

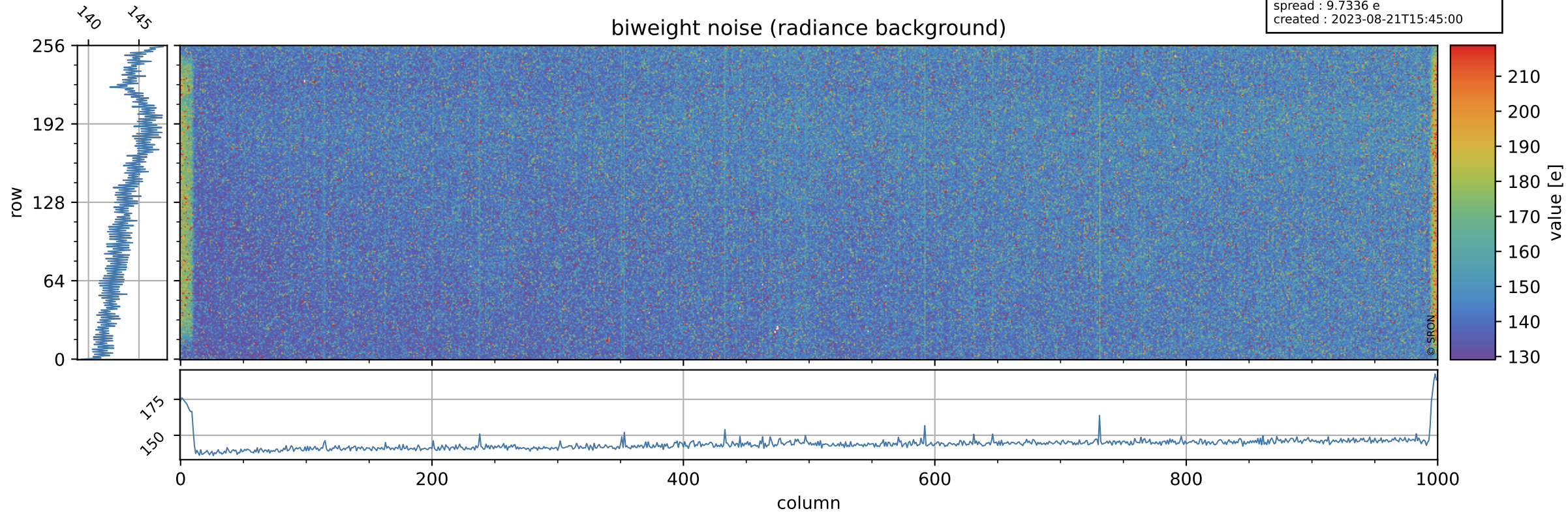
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [15877, 15967]
coverage : 2020-11-05 / 2020-11-11
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7336 e
created : 2023-08-21T15:45:00

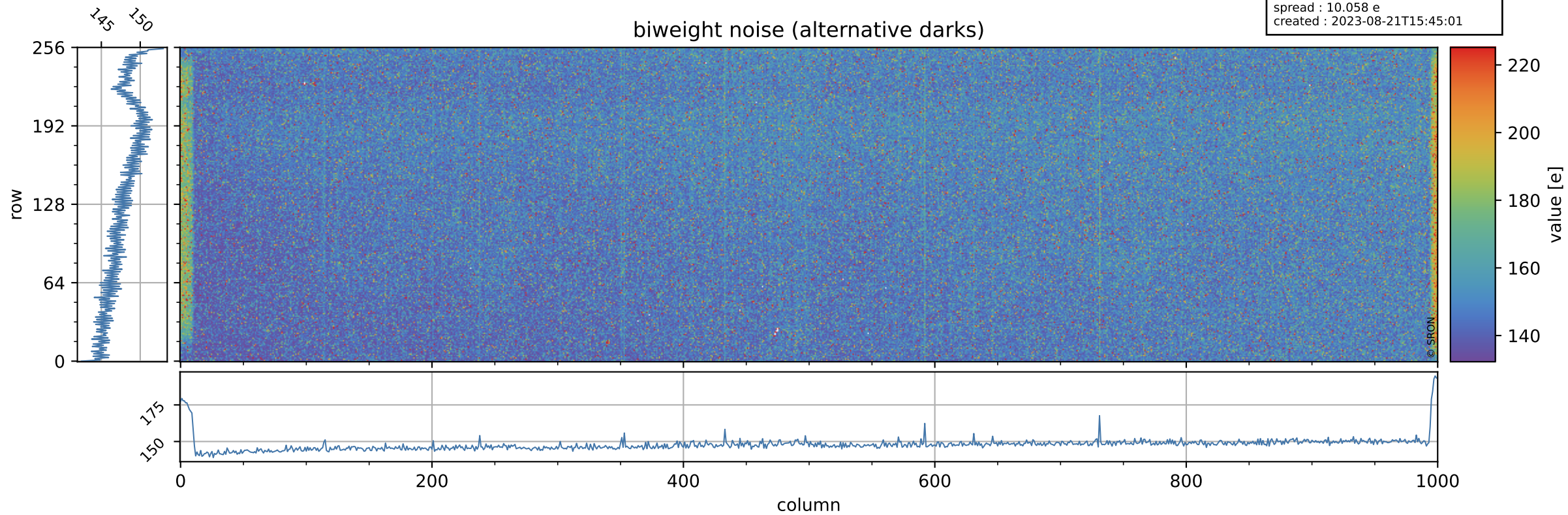
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [15877, 15967]
coverage : 2020-11-05 / 2020-11-11
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.058 e
created : 2023-08-21T15:45:01

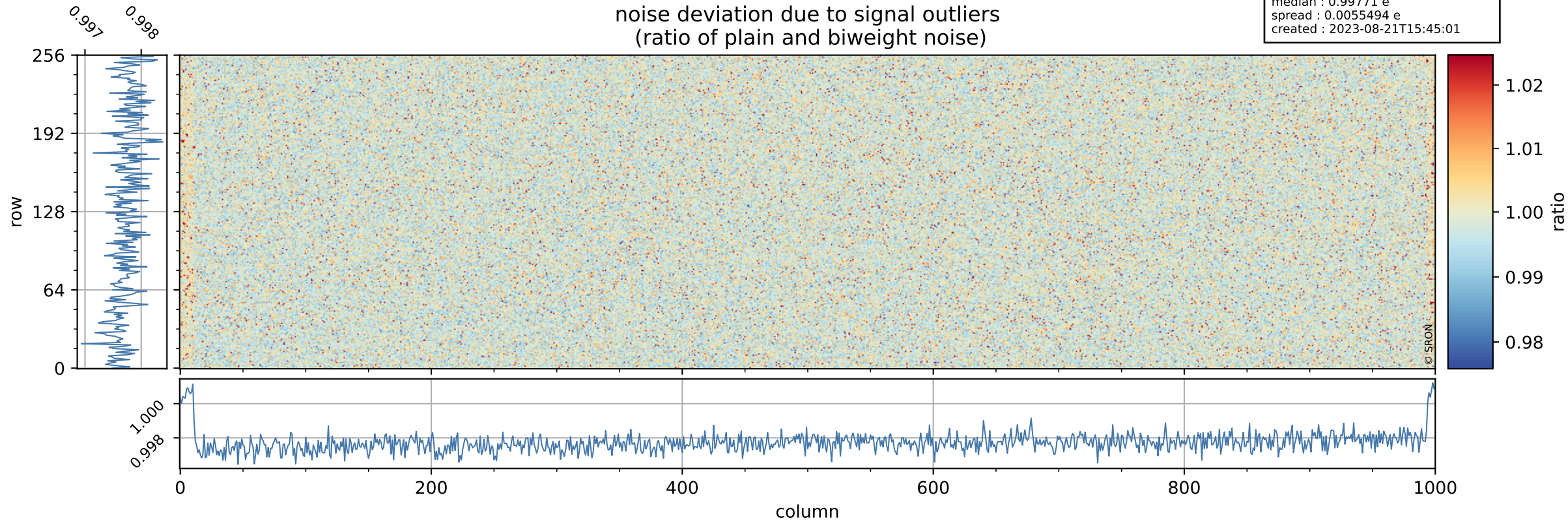
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

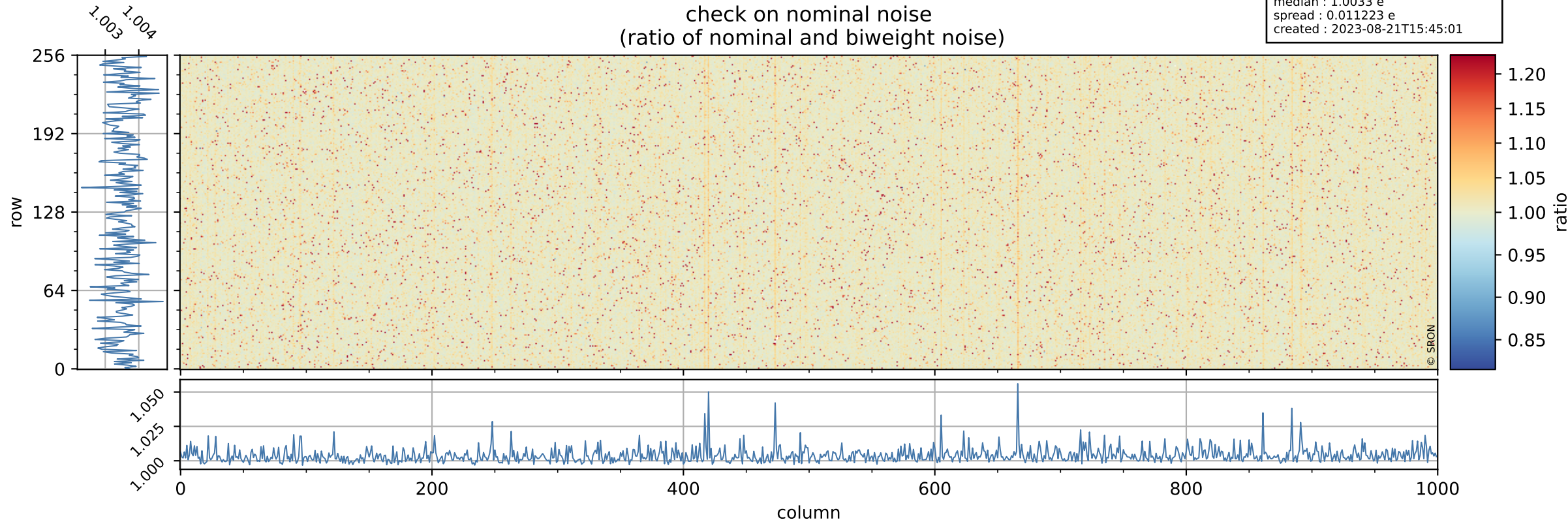
orbits : 11 in [15877, 15967]
coverage : 2020-11-05 / 2020-11-11
median : 0.99771 e
spread : 0.0055494 e
created : 2023-08-21T15:45:01



Tropomi SWIR background noise (swir)

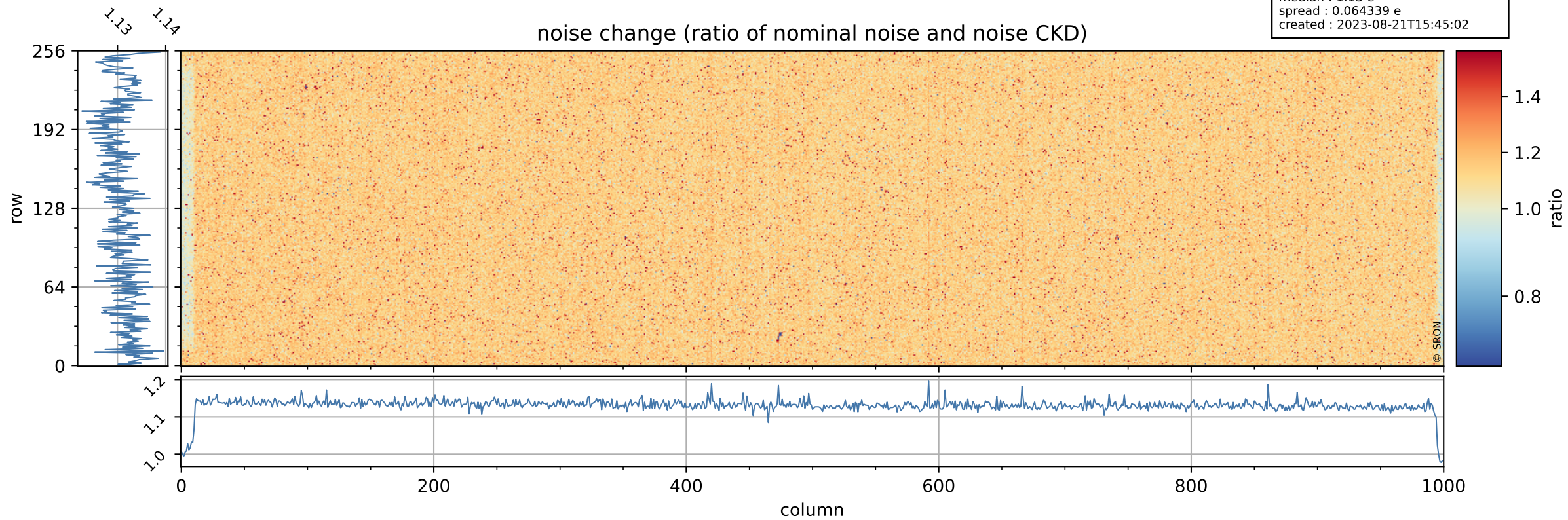
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [15877, 15967]
coverage : 2020-11-05 / 2020-11-11
median : 1.0033 e
spread : 0.011223 e
created : 2023-08-21T15:45:01



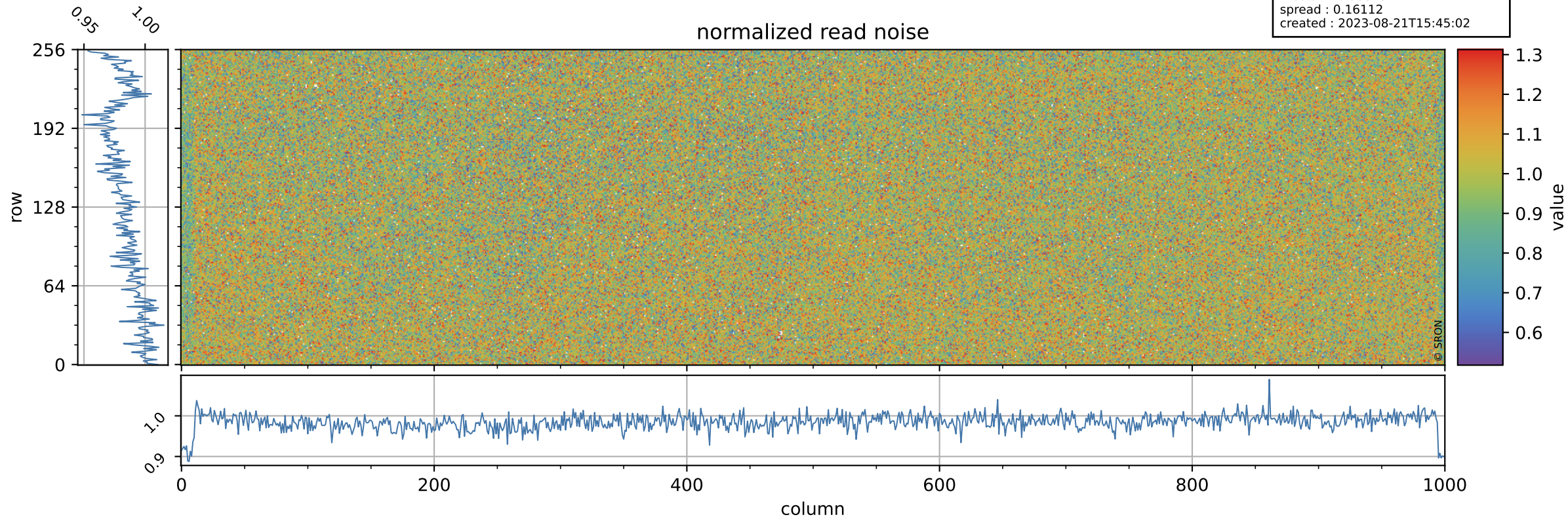
Tropomi SWIR background noise (swir)

orbits : 11 in [15877, 15967]
coverage : 2020-11-05 / 2020-11-11
median : 1.13 e
spread : 0.064339 e
created : 2023-08-21T15:45:02



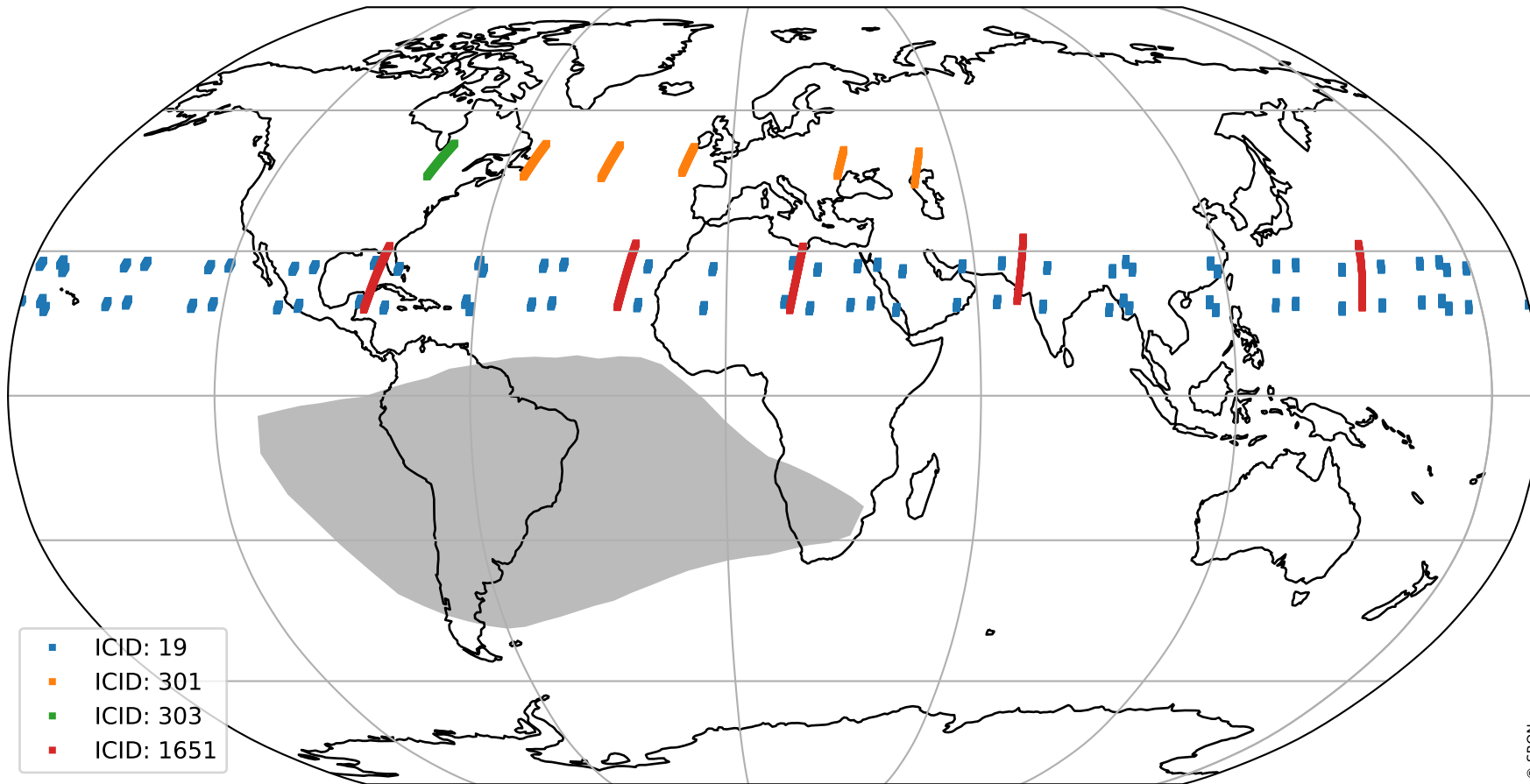
Tropomi SWIR background noise (swir)

orbits : 11 in [15877, 15967]
coverage : 2020-11-05 / 2020-11-11
median : 0.98319
spread : 0.16112
created : 2023-08-21T15:45:02



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

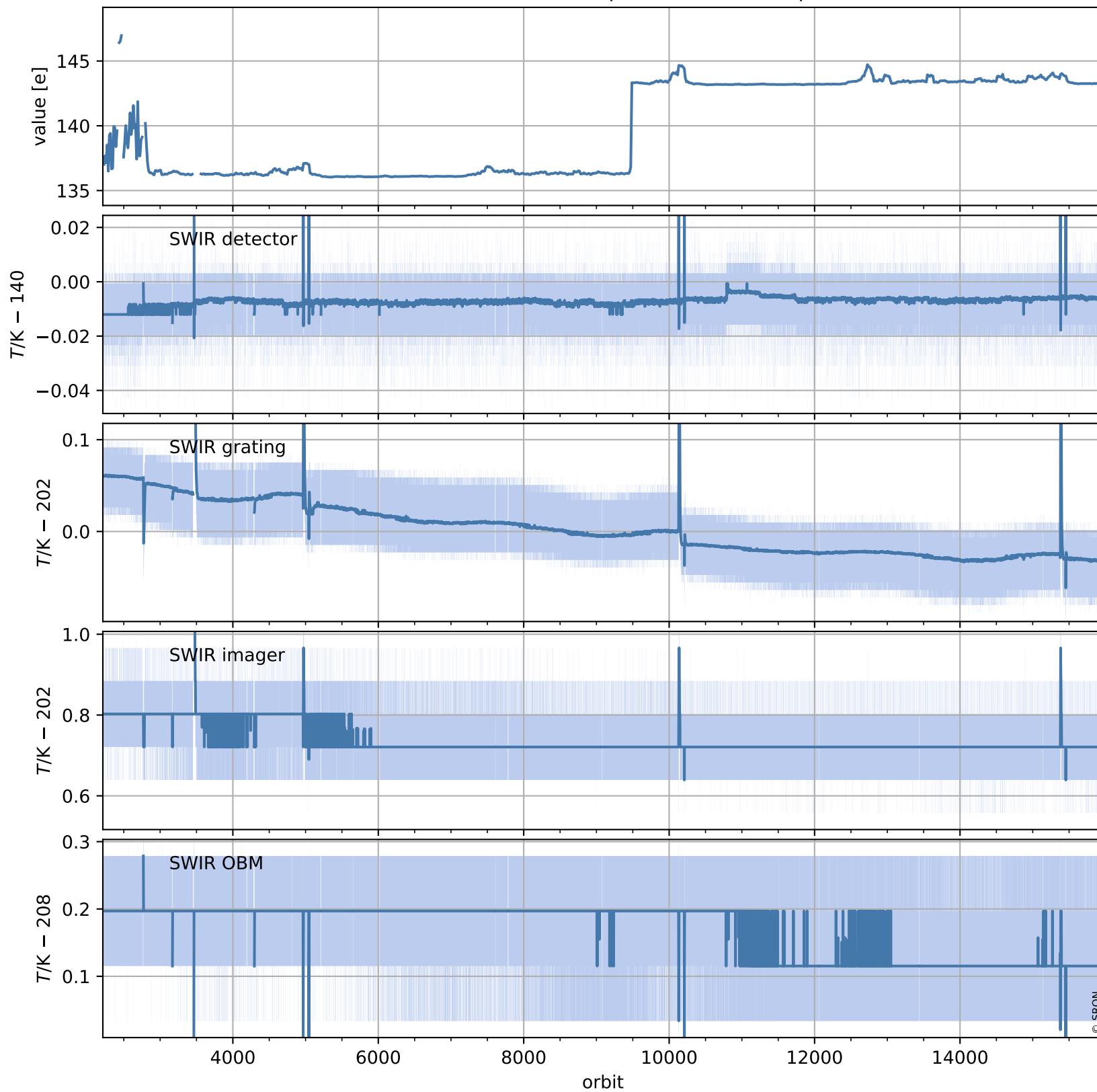
orbits : 11 in [15877, 15967]
coverage : 2020-11-05 / 2020-11-11
created : 2023-08-21T15:45:02



Tropomi SWIR background noise (swir)

orbits : [2212, 15967]
coverage : 2018-03-18 / 2020-11-11
created : 2023-08-21T15:45:02

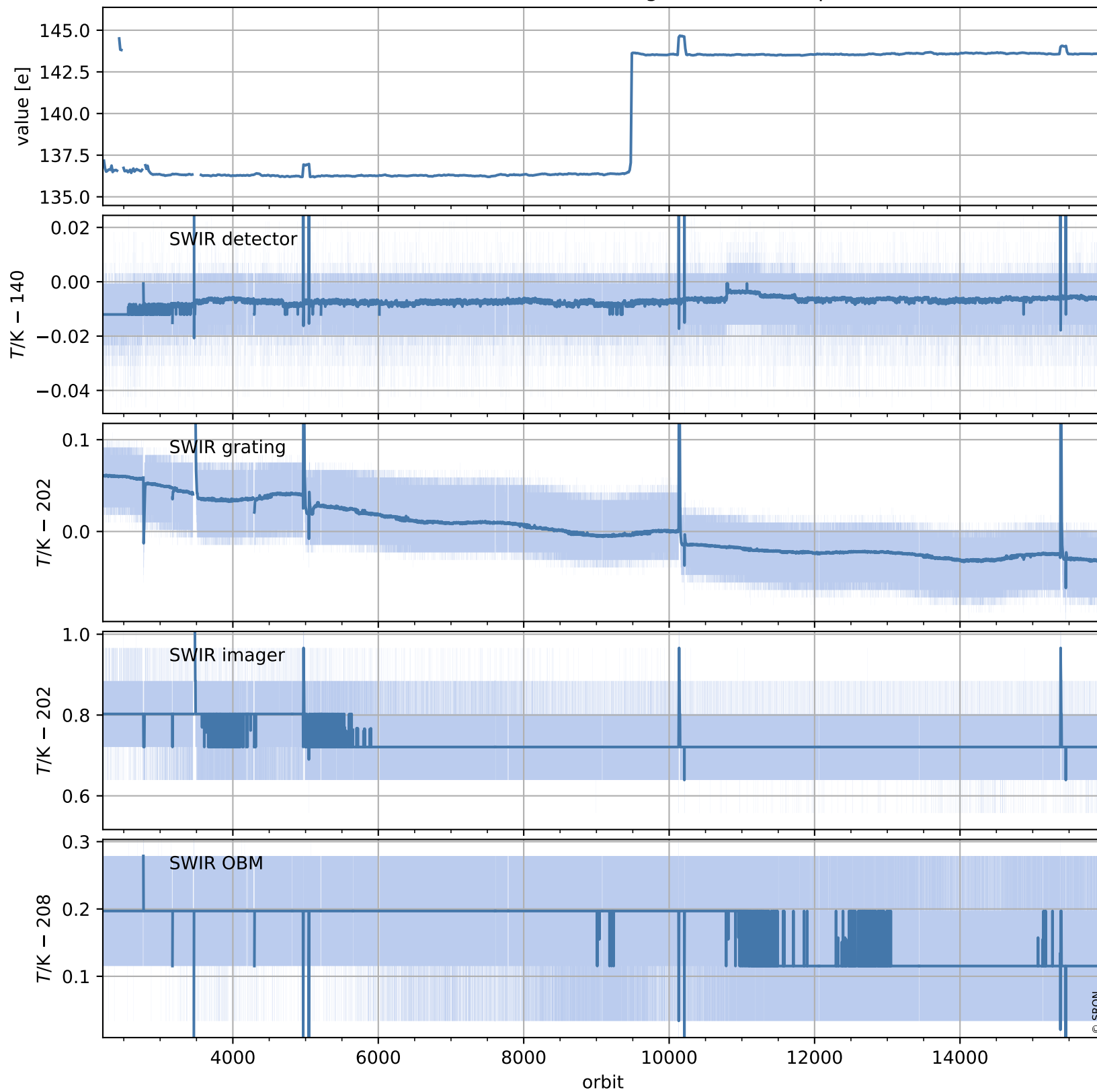
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15967]
coverage : 2018-03-18 / 2020-11-11
created : 2023-08-21T15:45:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15967]
coverage : 2018-03-18 / 2020-11-11
created : 2023-08-21T15:45:04

trend of normalized read-noise & temperatures

