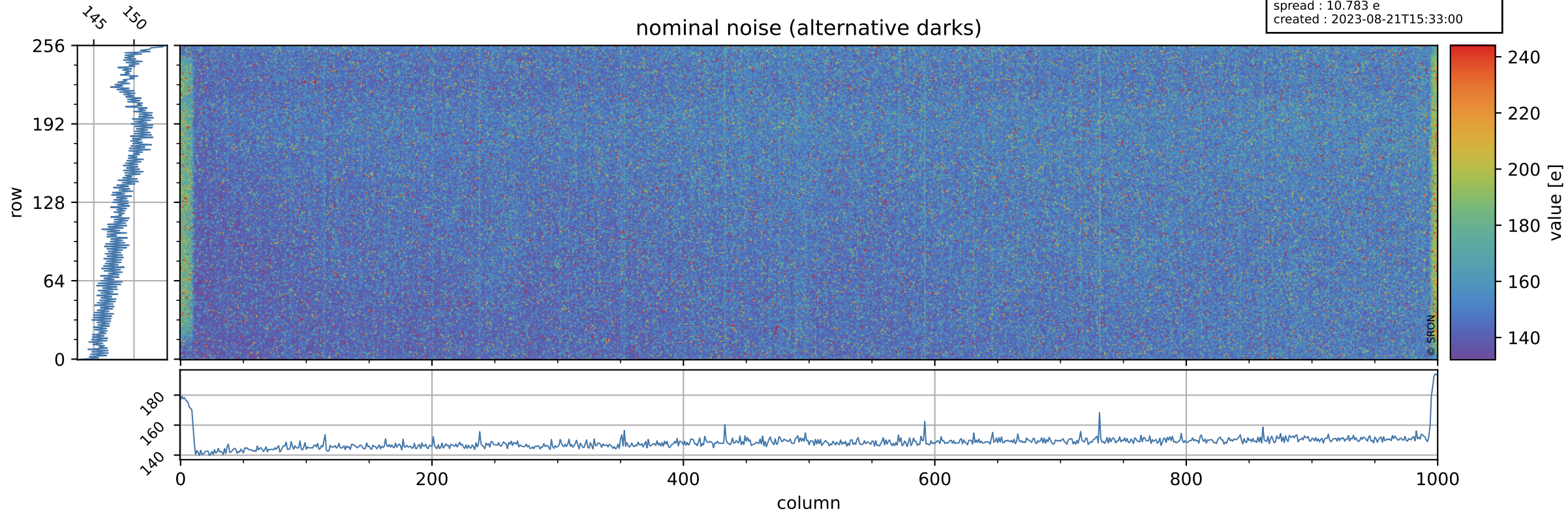


Tropomi SWIR background noise (swir)

orbits : 12 in [13717, 13792]
coverage : 2020-06-05 / 2020-06-10
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.783 e
created : 2023-08-21T15:33:00

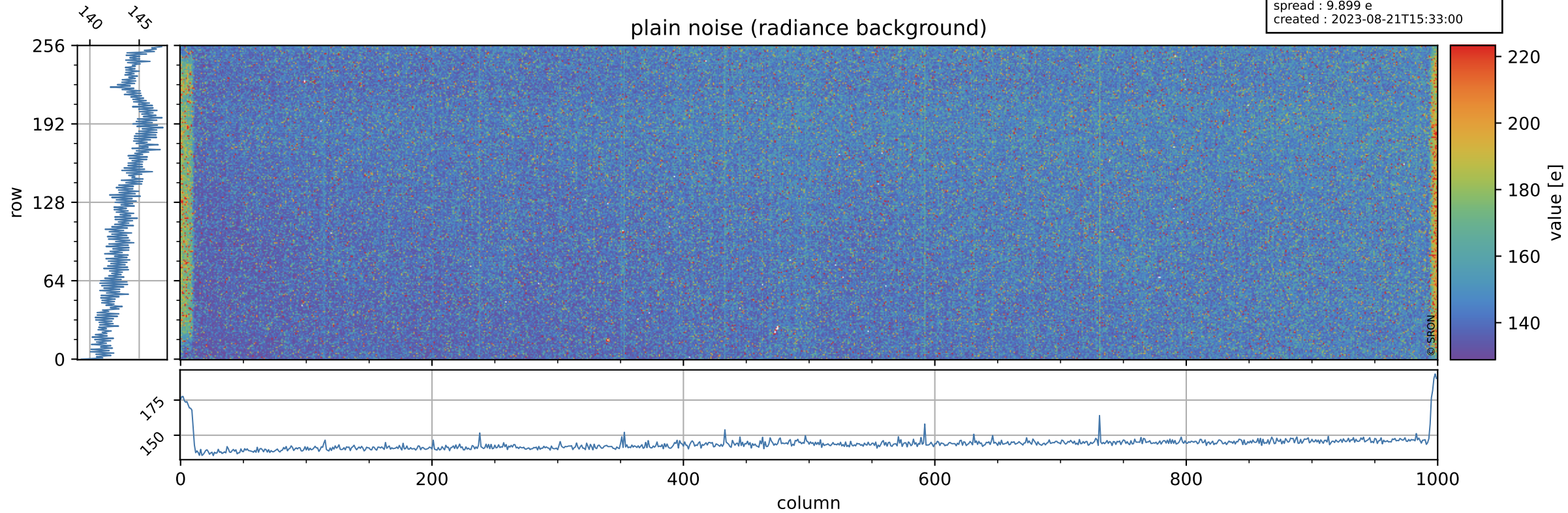
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13717, 13792]
coverage : 2020-06-05 / 2020-06-10
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 9.899 e
created : 2023-08-21T15:33:00

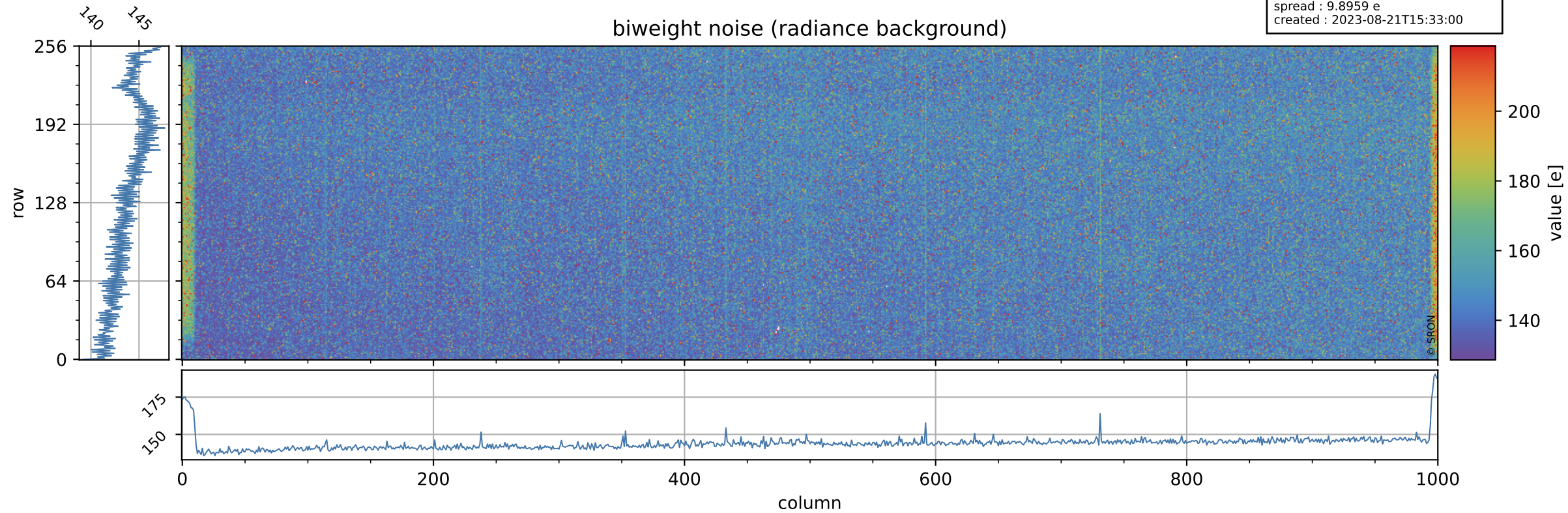
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13717, 13792]
coverage : 2020-06-05 / 2020-06-10
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.8959 e
created : 2023-08-21T15:33:00

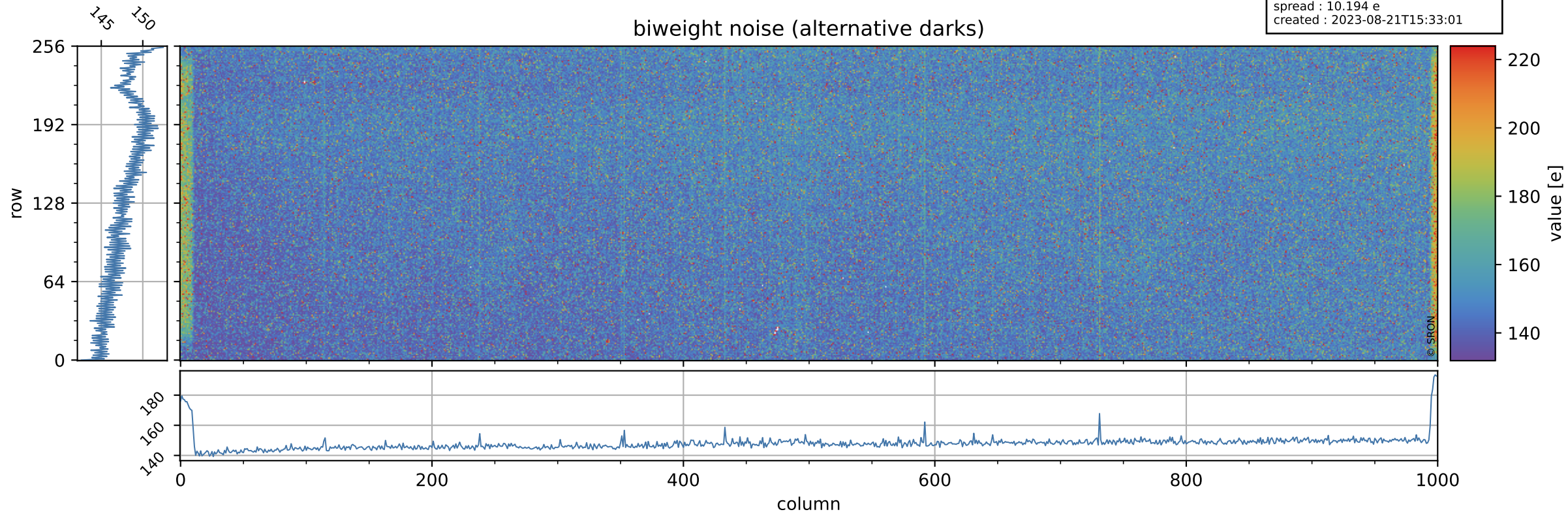
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13717, 13792]
coverage : 2020-06-05 / 2020-06-10
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.194 e
created : 2023-08-21T15:33:01

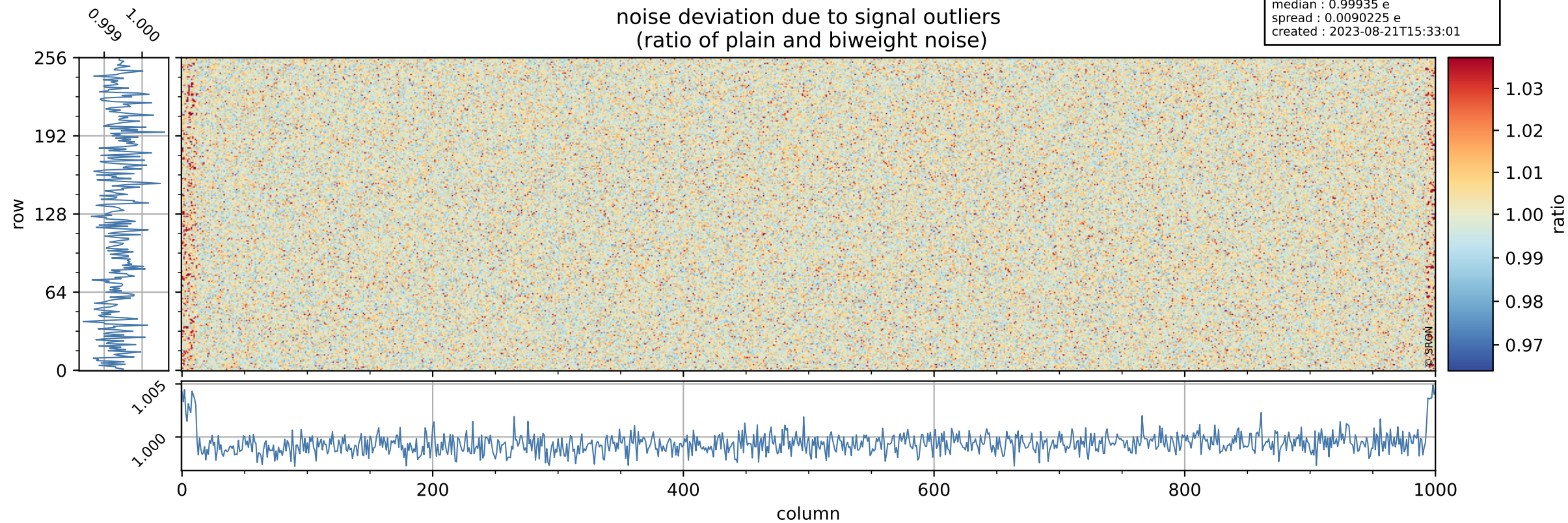
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

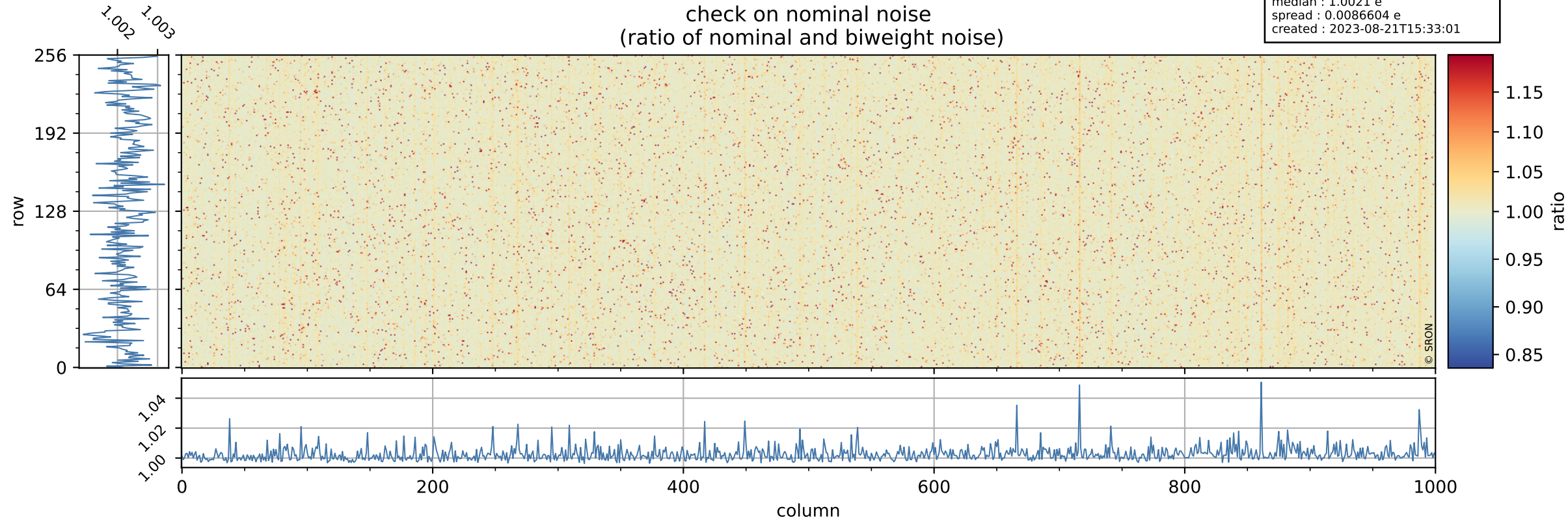
orbits : 12 in [13717, 13792]
coverage : 2020-06-05 / 2020-06-10
median : 0.99935 e
spread : 0.0090225 e
created : 2023-08-21T15:33:01



Tropomi SWIR background noise (swir)

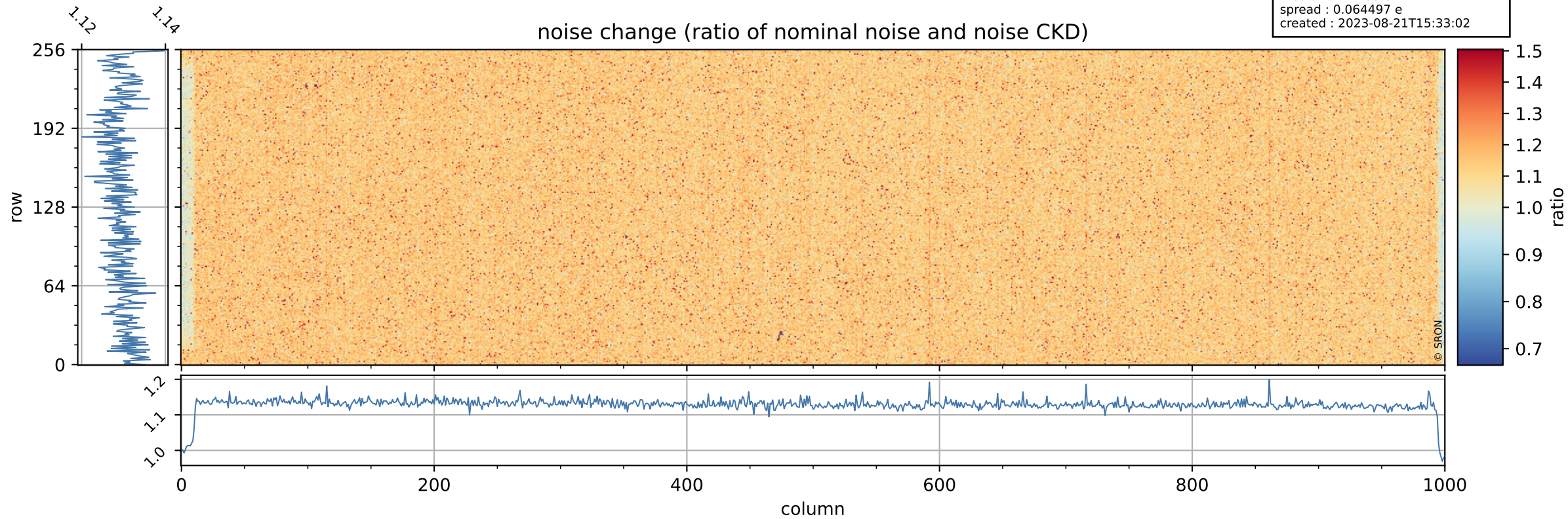
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13717, 13792]
coverage : 2020-06-05 / 2020-06-10
median : 1.0021 e
spread : 0.0086604 e
created : 2023-08-21T15:33:01



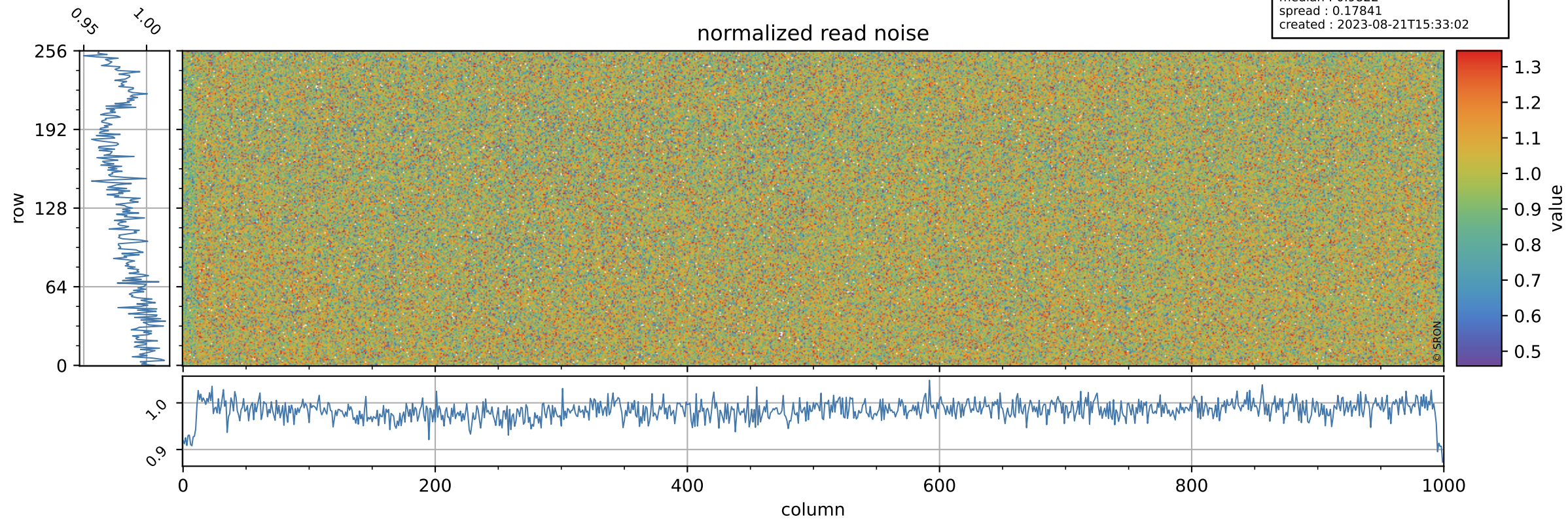
Tropomi SWIR background noise (swir)

orbits : 12 in [13717, 13792]
coverage : 2020-06-05 / 2020-06-10
median : 1.1288 e
spread : 0.064497 e
created : 2023-08-21T15:33:02



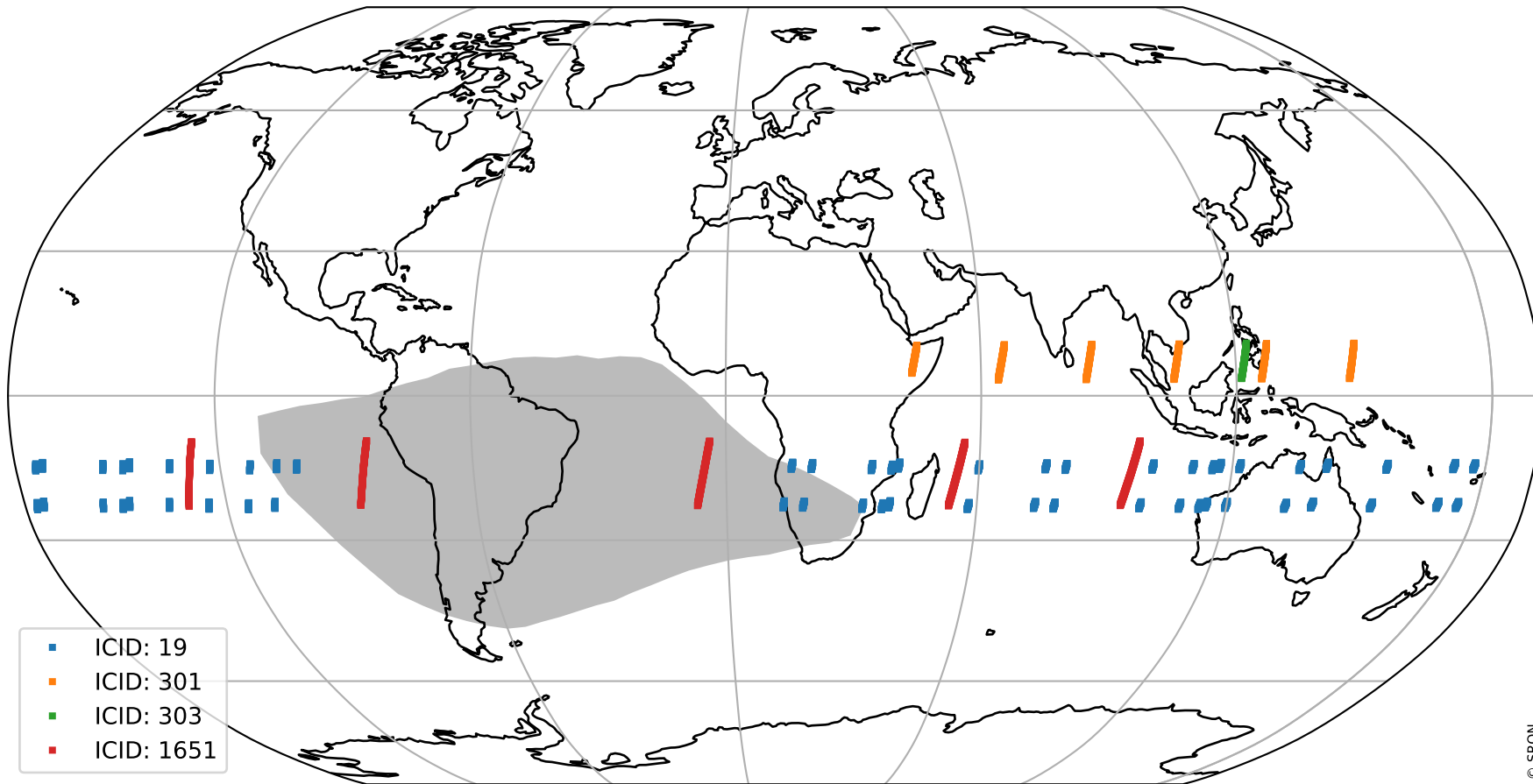
Tropomi SWIR background noise (swir)

orbits : 12 in [13717, 13792]
coverage : 2020-06-05 / 2020-06-10
median : 0.9822
spread : 0.17841
created : 2023-08-21T15:33:02



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

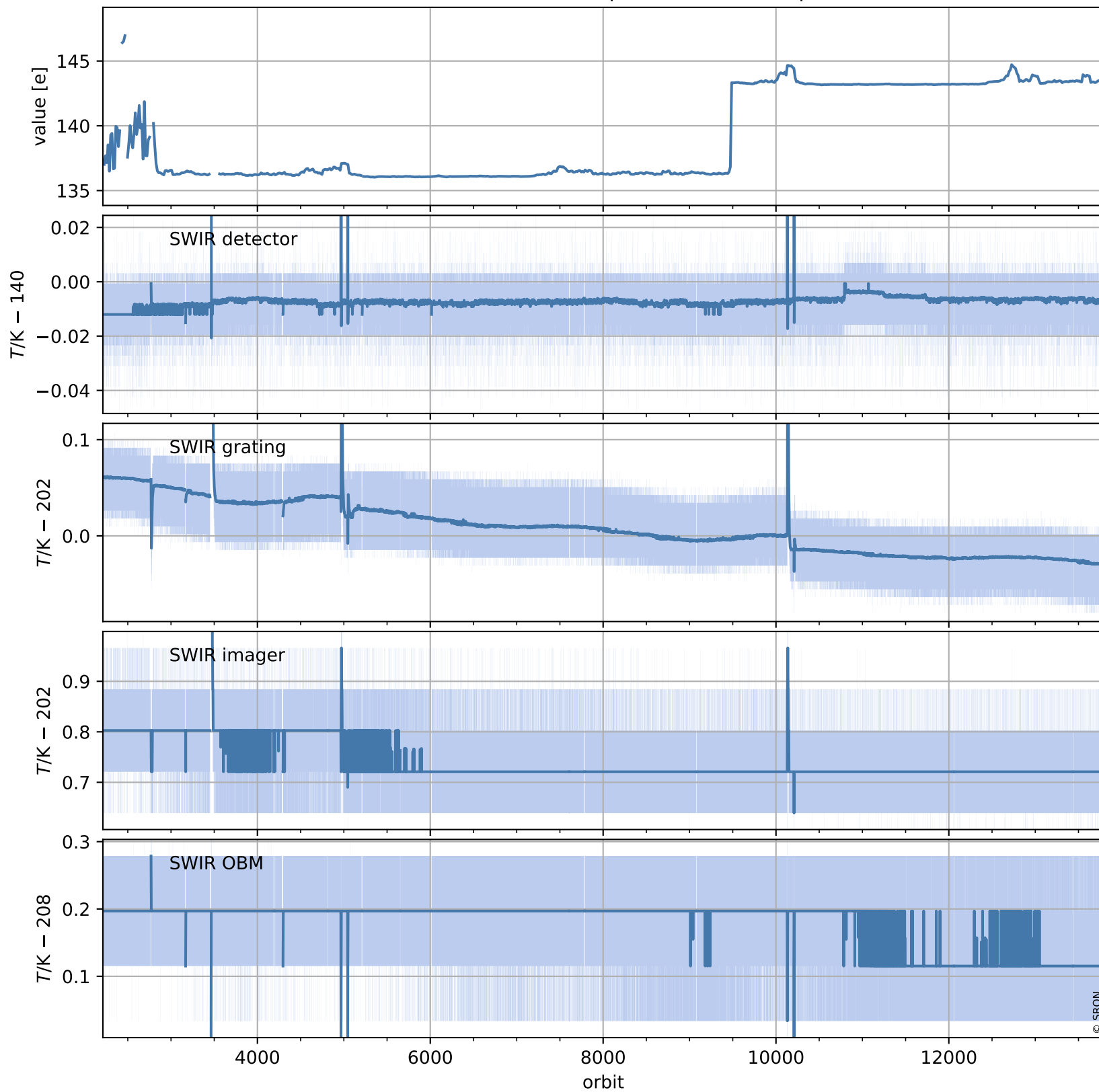
orbits : 12 in [13717, 13792]
coverage : 2020-06-05 / 2020-06-10
created : 2023-08-21T15:33:02



Tropomi SWIR background noise (swir)

orbits : [2212, 13792]
coverage : 2018-03-18 / 2020-06-10
created : 2023-08-21T15:33:02

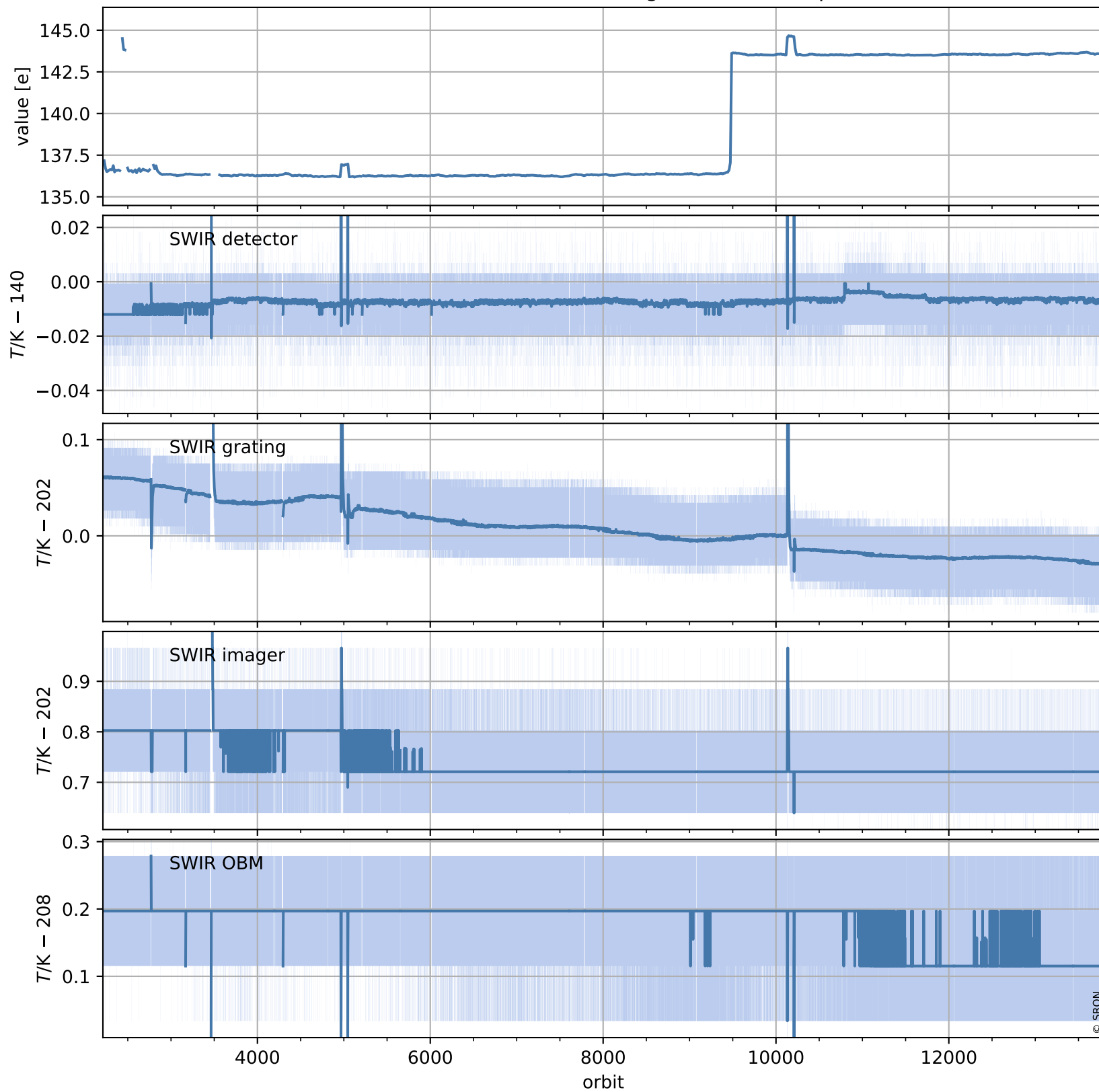
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13792]
coverage : 2018-03-18 / 2020-06-10
created : 2023-08-21T15:33:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13792]
coverage : 2018-03-18 / 2020-06-10
created : 2023-08-21T15:33:04

trend of normalized read-noise & temperatures

