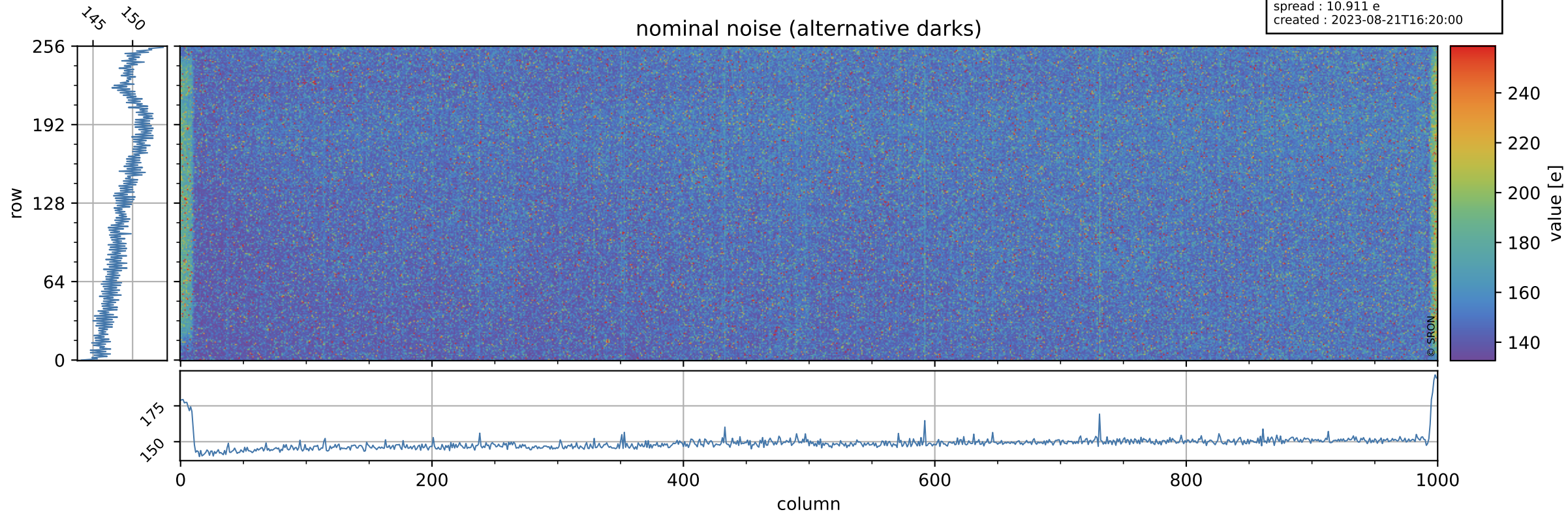


Tropomi SWIR background noise (swir)

orbits : 12 in [21727, 21817]
coverage : 2021-12-23 / 2021-12-29
n_coad, t_exp : 1, 1.0783
median : 148.8 e
spread : 10.911 e
created : 2023-08-21T16:20:00

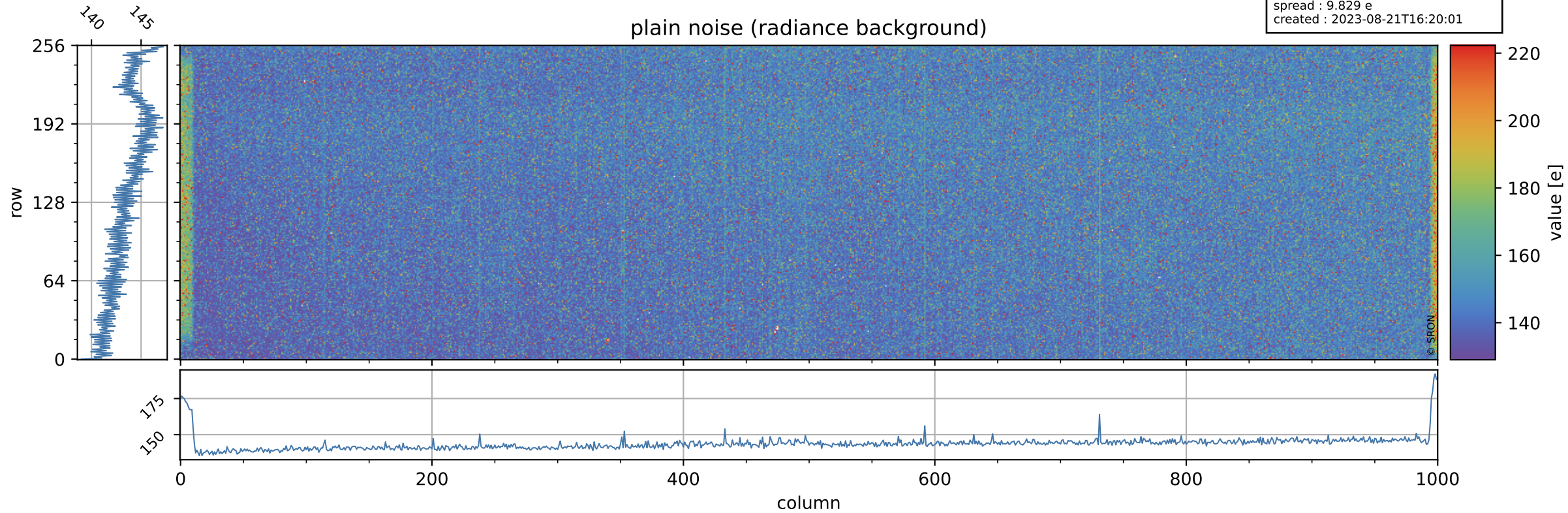
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21727, 21817]
coverage : 2021-12-23 / 2021-12-29
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.829 e
created : 2023-08-21T16:20:01

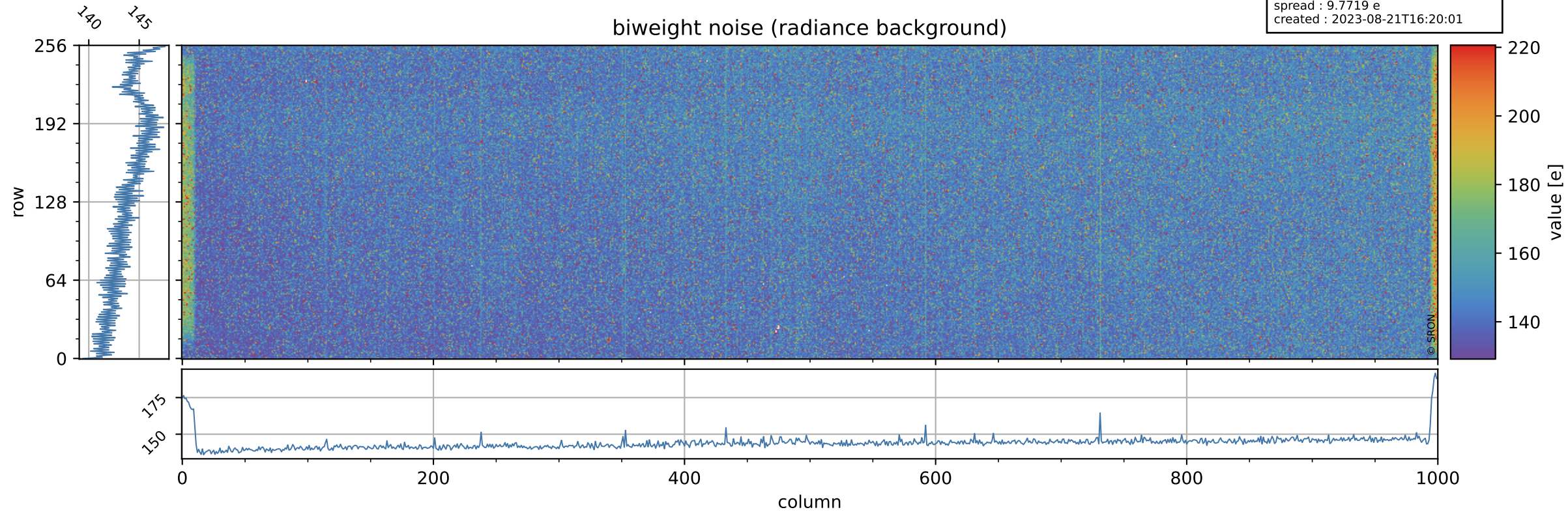
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21727, 21817]
coverage : 2021-12-23 / 2021-12-29
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7719 e
created : 2023-08-21T16:20:01

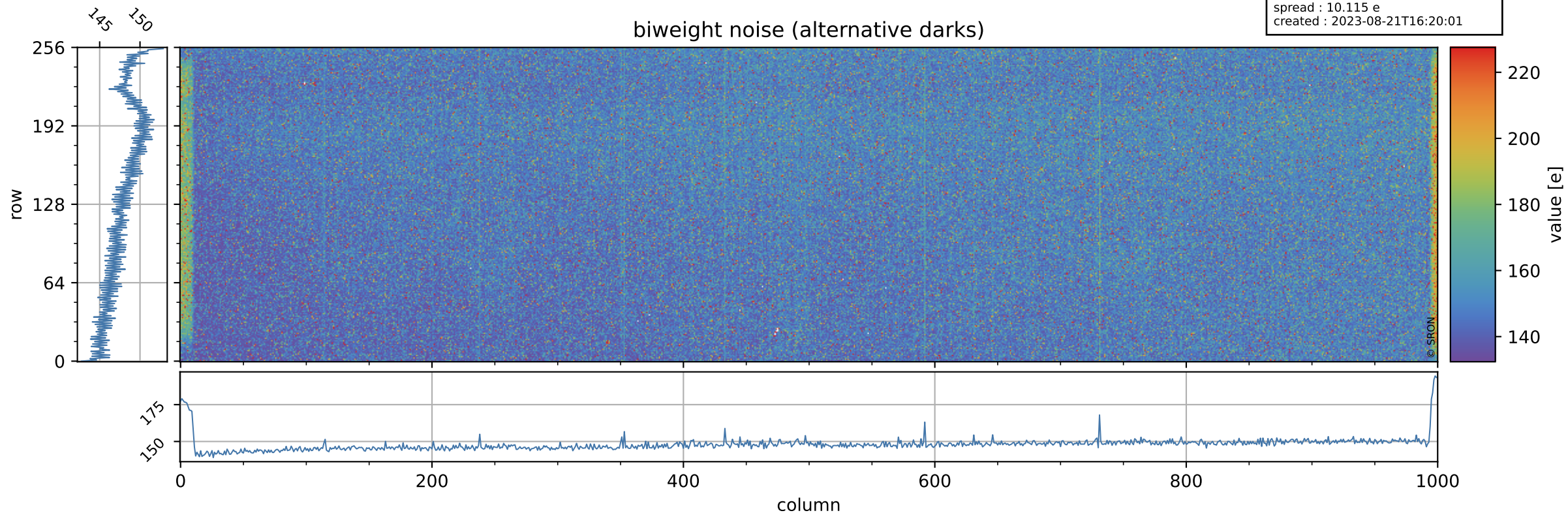
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21727, 21817]
coverage : 2021-12-23 / 2021-12-29
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.115 e
created : 2023-08-21T16:20:01

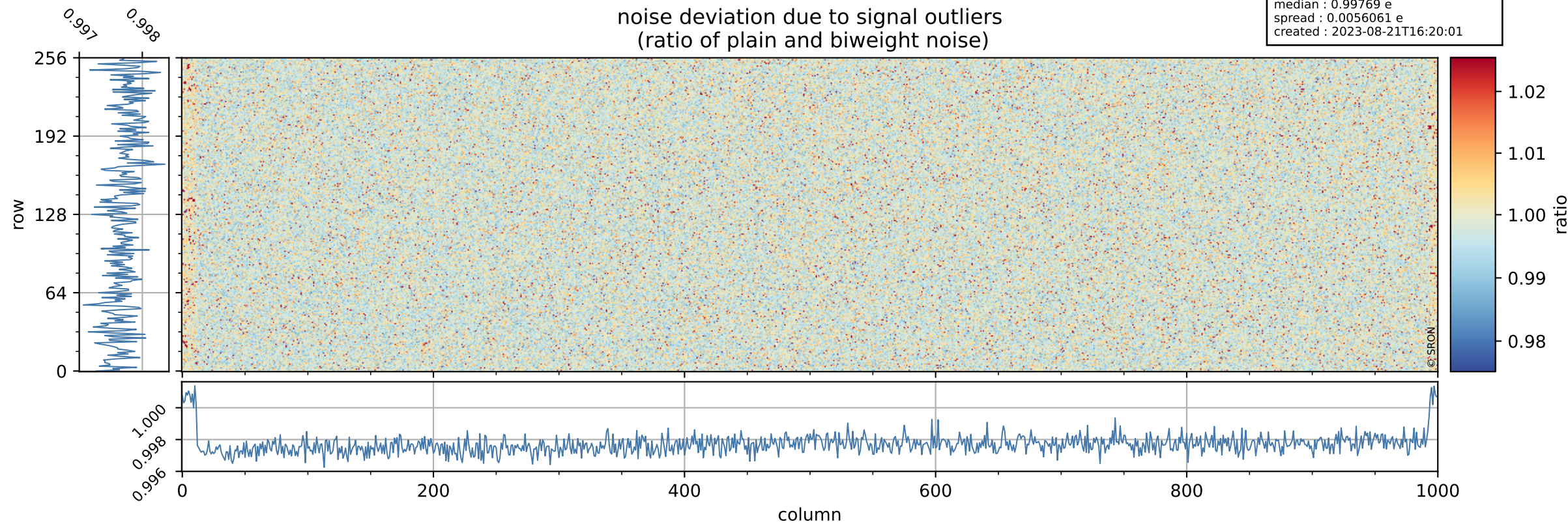
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

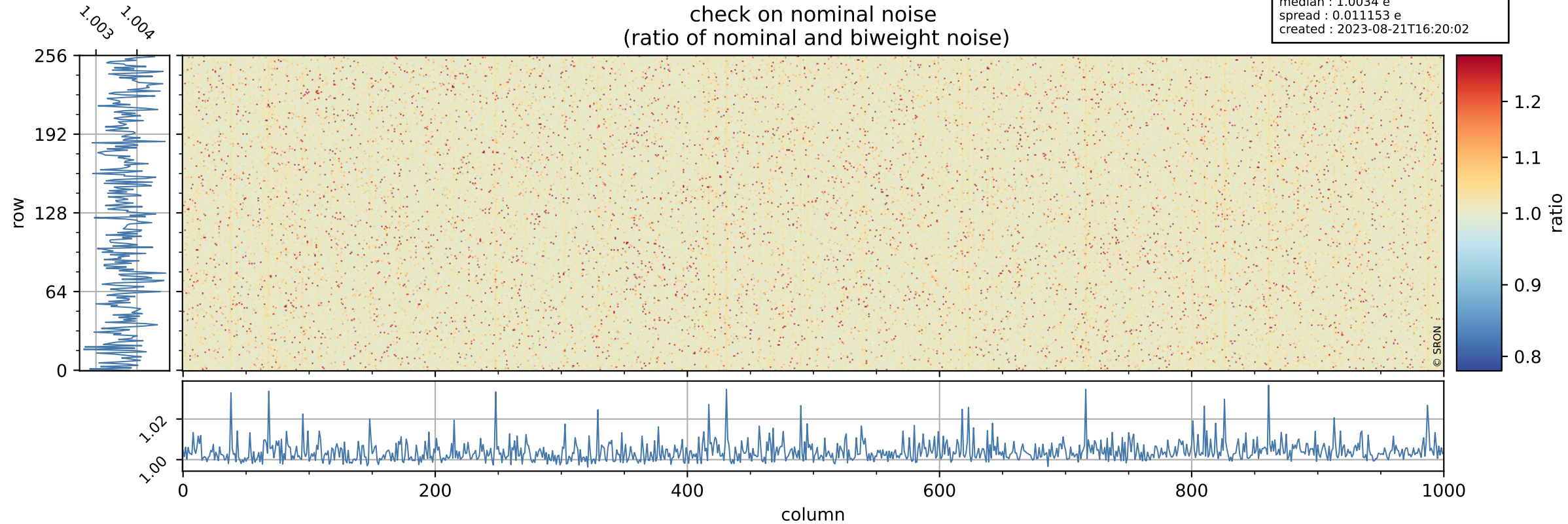
orbits : 12 in [21727, 21817]
coverage : 2021-12-23 / 2021-12-29
median : 0.99769 e
spread : 0.0056061 e
created : 2023-08-21T16:20:01



Tropomi SWIR background noise (swir)

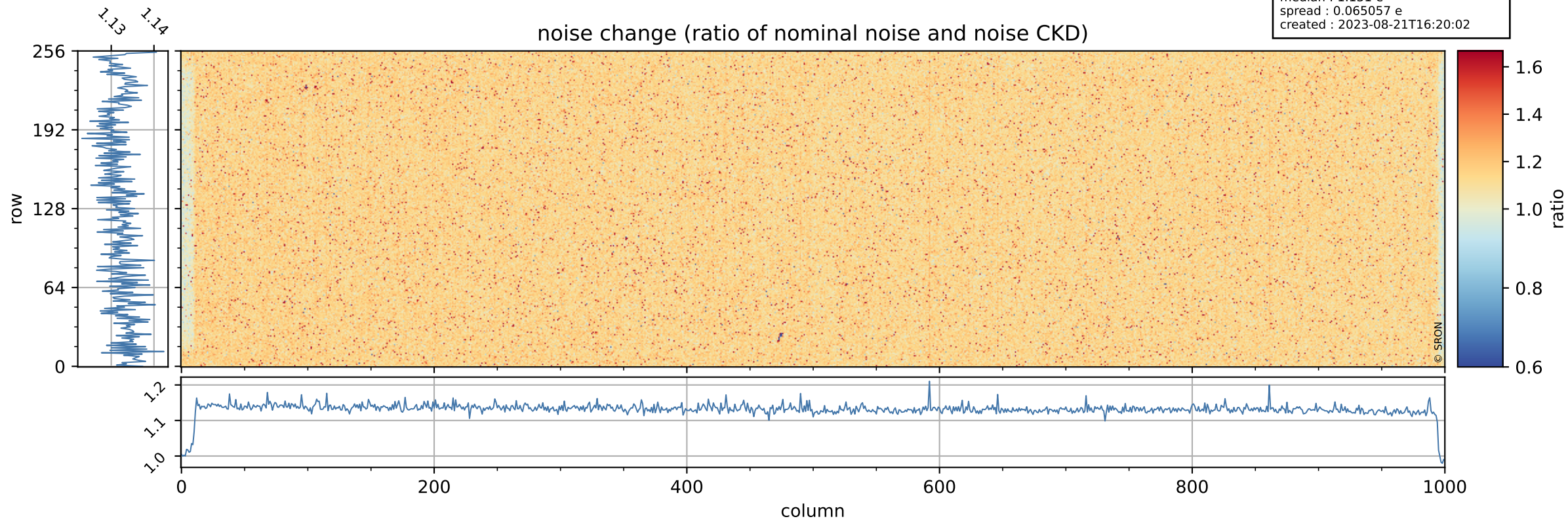
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21727, 21817]
coverage : 2021-12-23 / 2021-12-29
median : 1.0034 e
spread : 0.011153 e
created : 2023-08-21T16:20:02



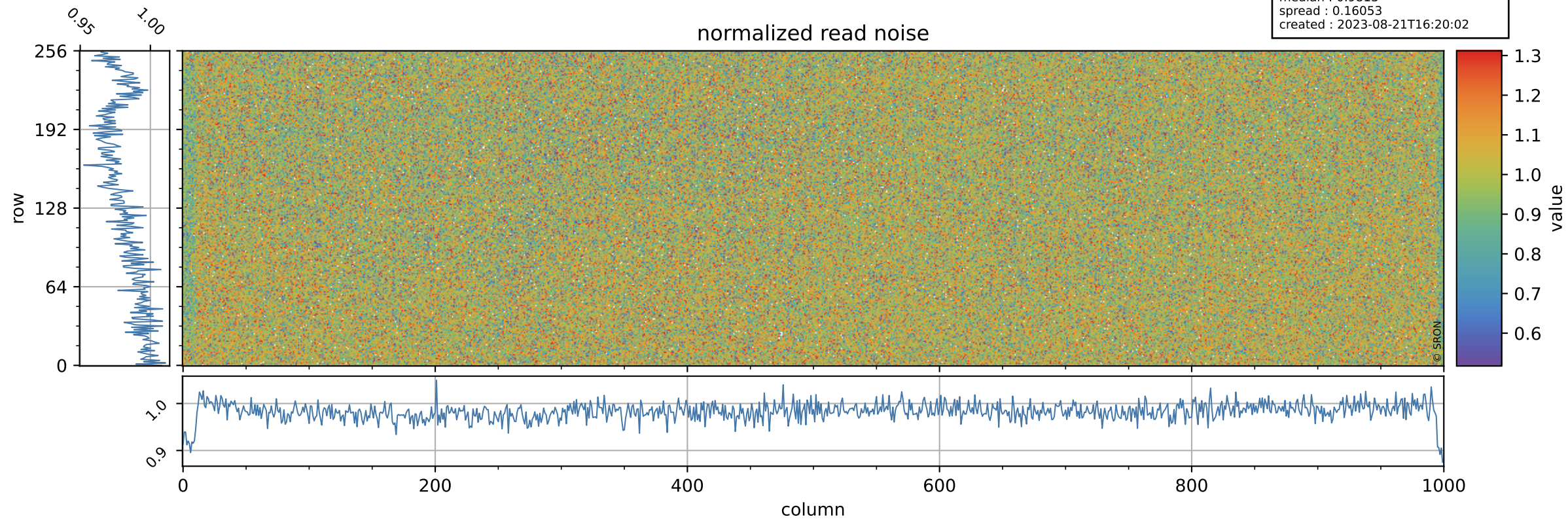
Tropomi SWIR background noise (swir)

orbits : 12 in [21727, 21817]
coverage : 2021-12-23 / 2021-12-29
median : 1.131 e
spread : 0.065057 e
created : 2023-08-21T16:20:02



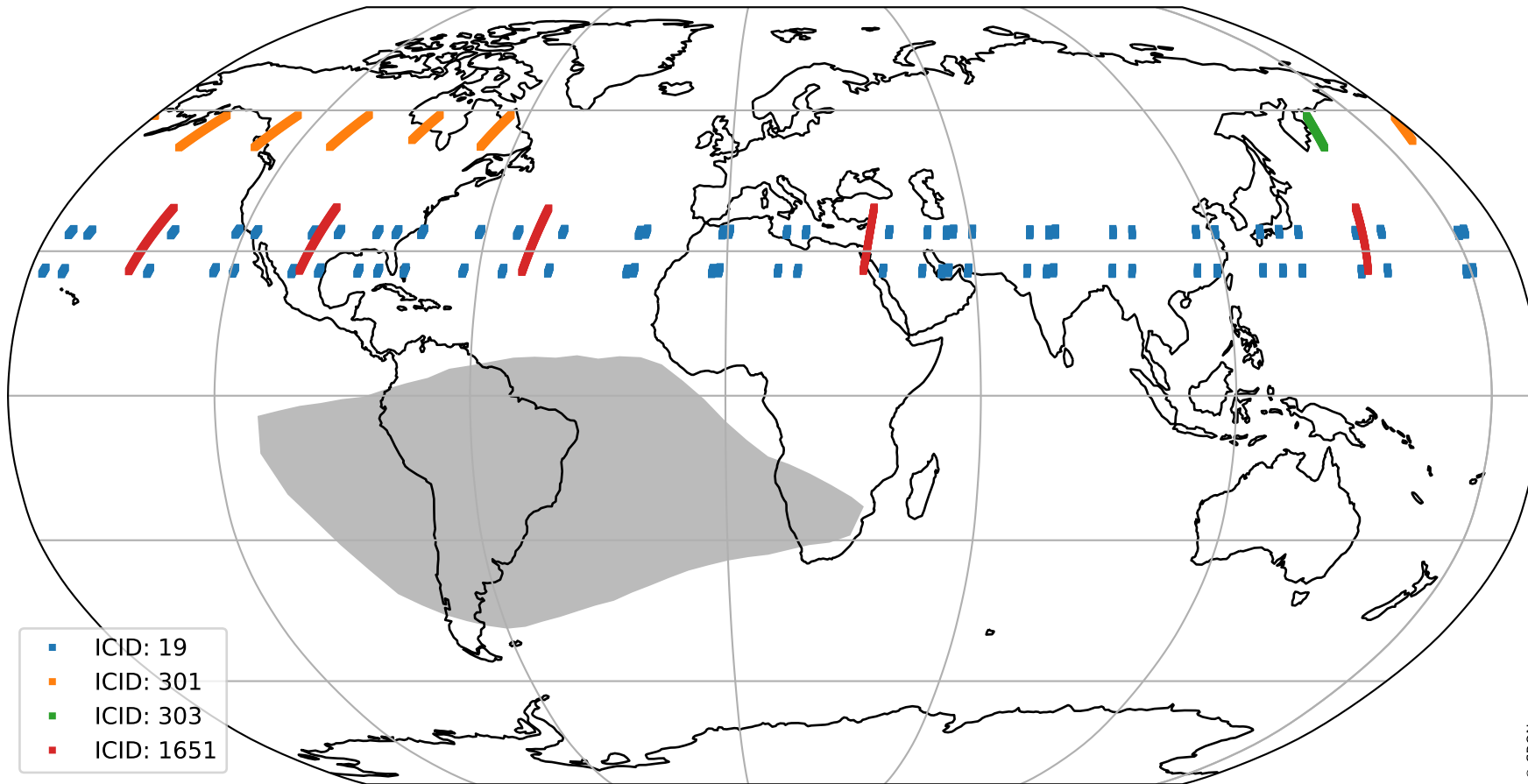
Tropomi SWIR background noise (swir)

orbits : 12 in [21727, 21817]
coverage : 2021-12-23 / 2021-12-29
median : 0.9813
spread : 0.16053
created : 2023-08-21T16:20:02



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

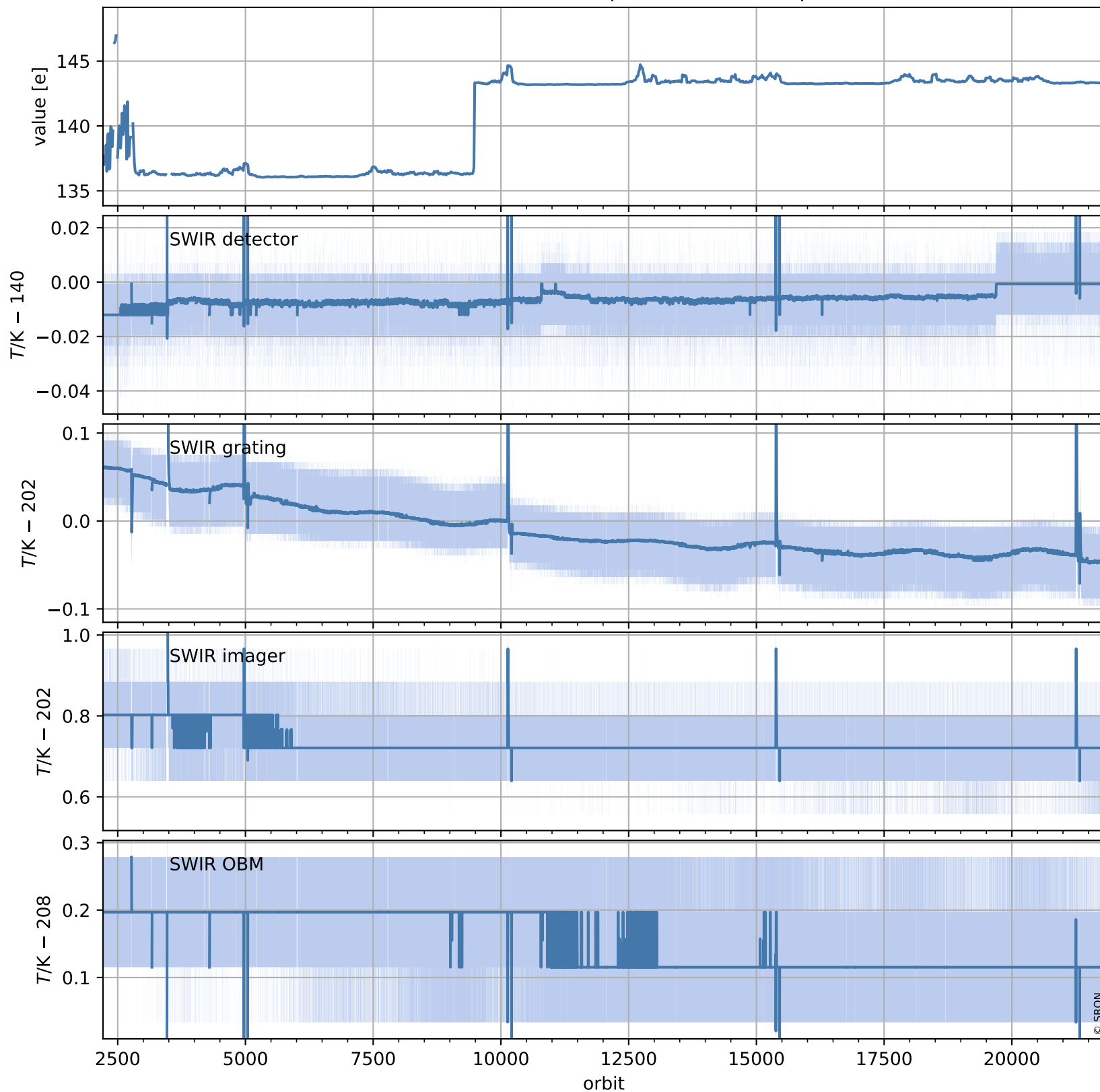
orbits : 12 in [21727, 21817]
coverage : 2021-12-23 / 2021-12-29
created : 2023-08-21T16:20:03



Tropomi SWIR background noise (swir)

orbits : [2212, 21817]
coverage : 2018-03-18 / 2021-12-29
created : 2023-08-21T16:20:03

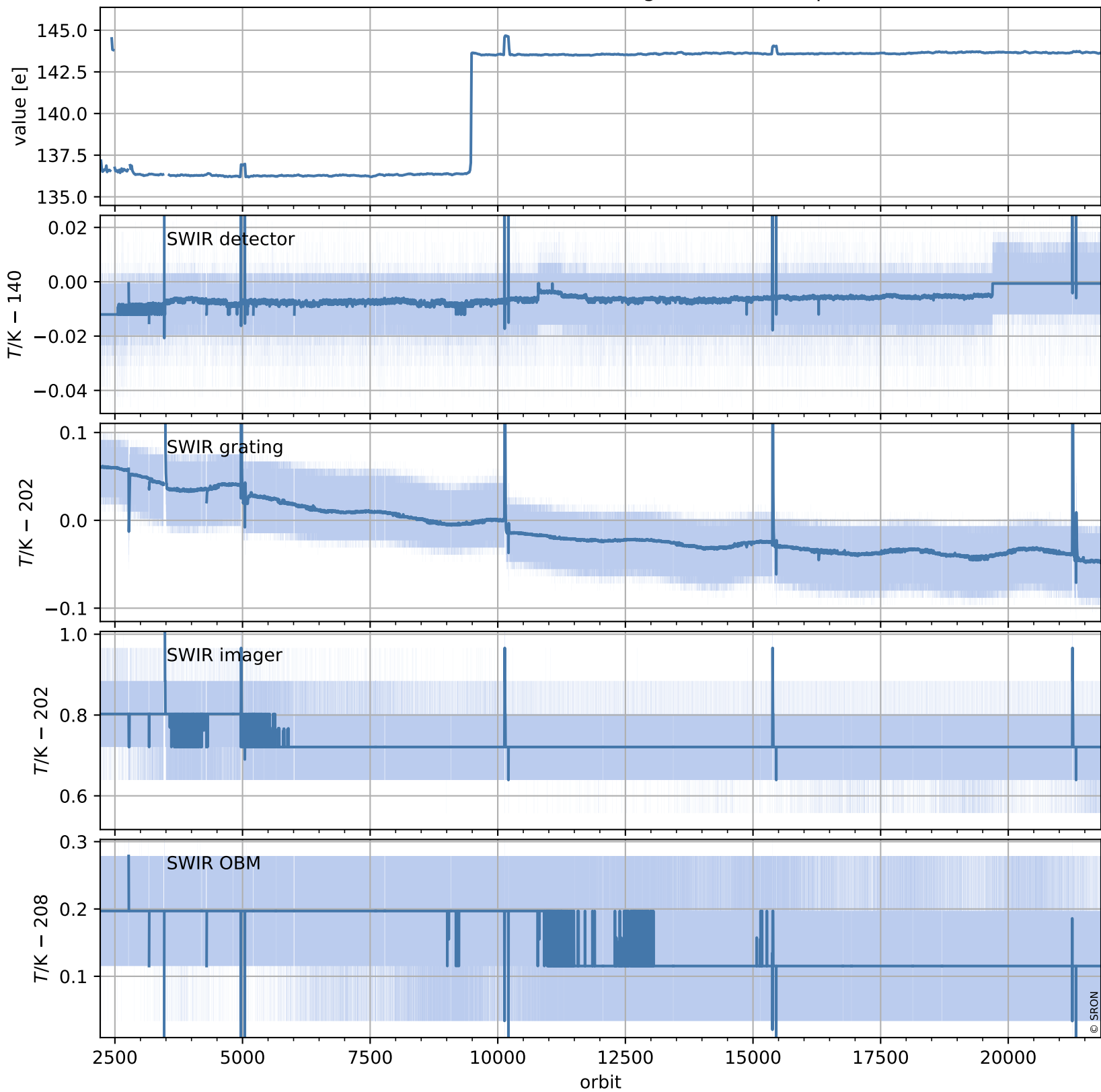
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21817]
coverage : 2018-03-18 / 2021-12-29
created : 2023-08-21T16:20:04

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21817]
coverage : 2018-03-18 / 2021-12-29
created : 2023-08-21T16:20:05

trend of normalized read-noise & temperatures

