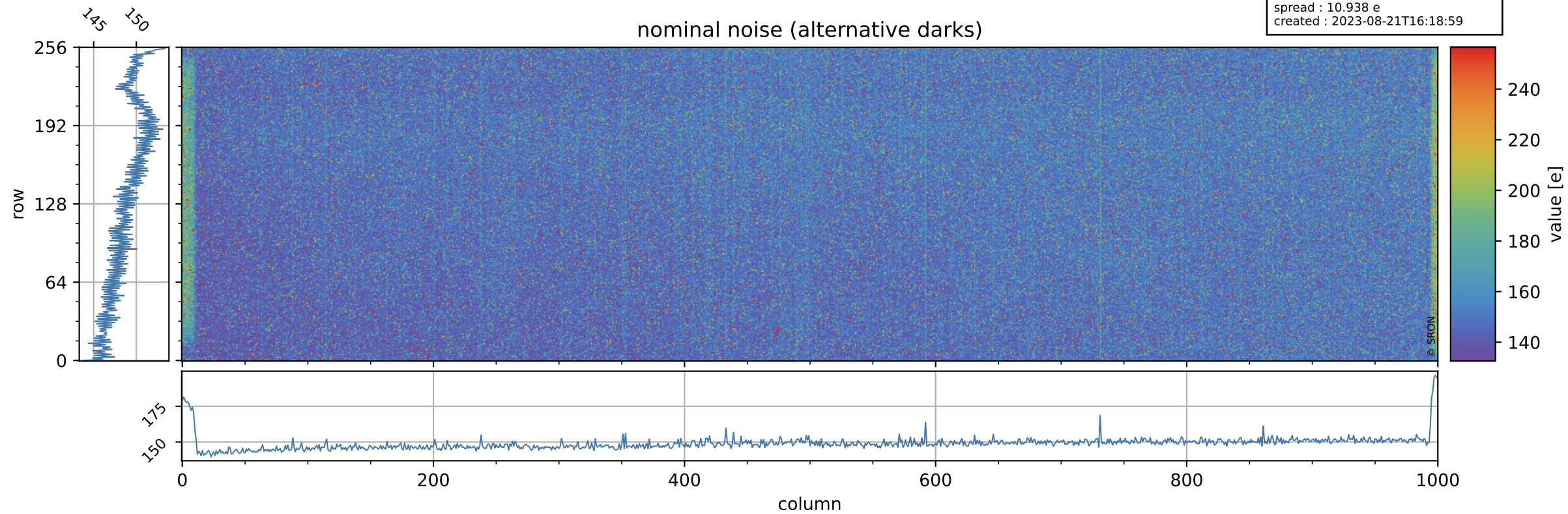


Tropomi SWIR background noise (swir)

orbits : 12 in [21562, 21652]
coverage : 2021-12-11 / 2021-12-17
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 10.938 e
created : 2023-08-21T16:18:59

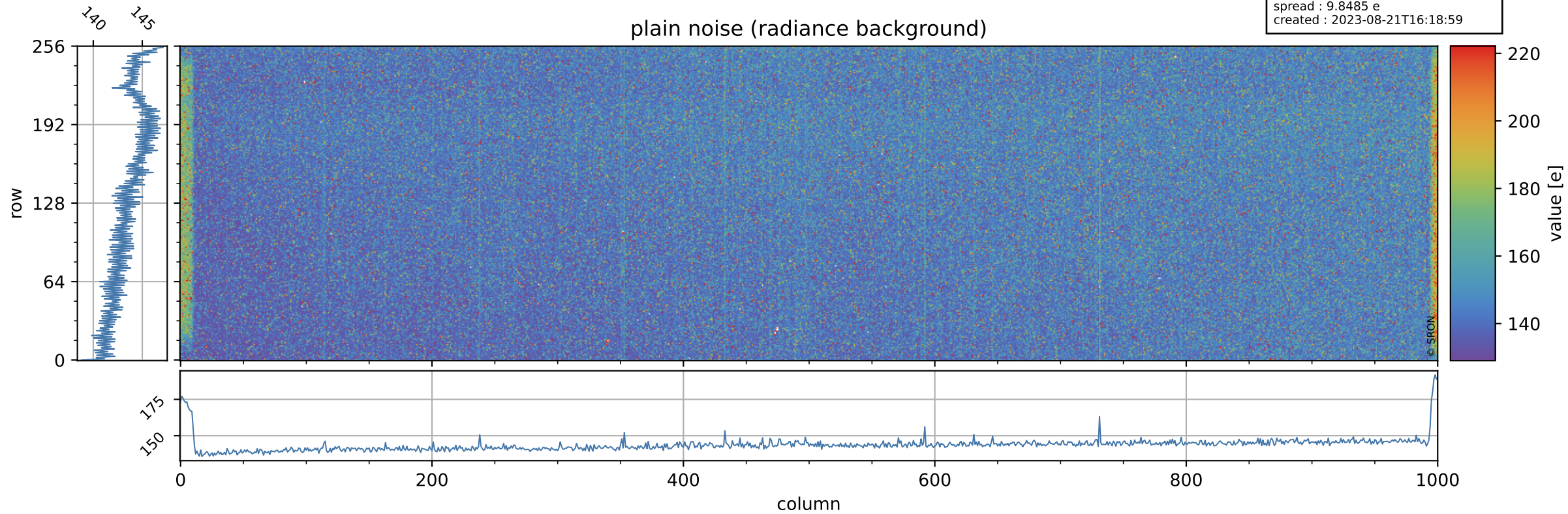
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21562, 21652]
coverage : 2021-12-11 / 2021-12-17
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8485 e
created : 2023-08-21T16:18:59

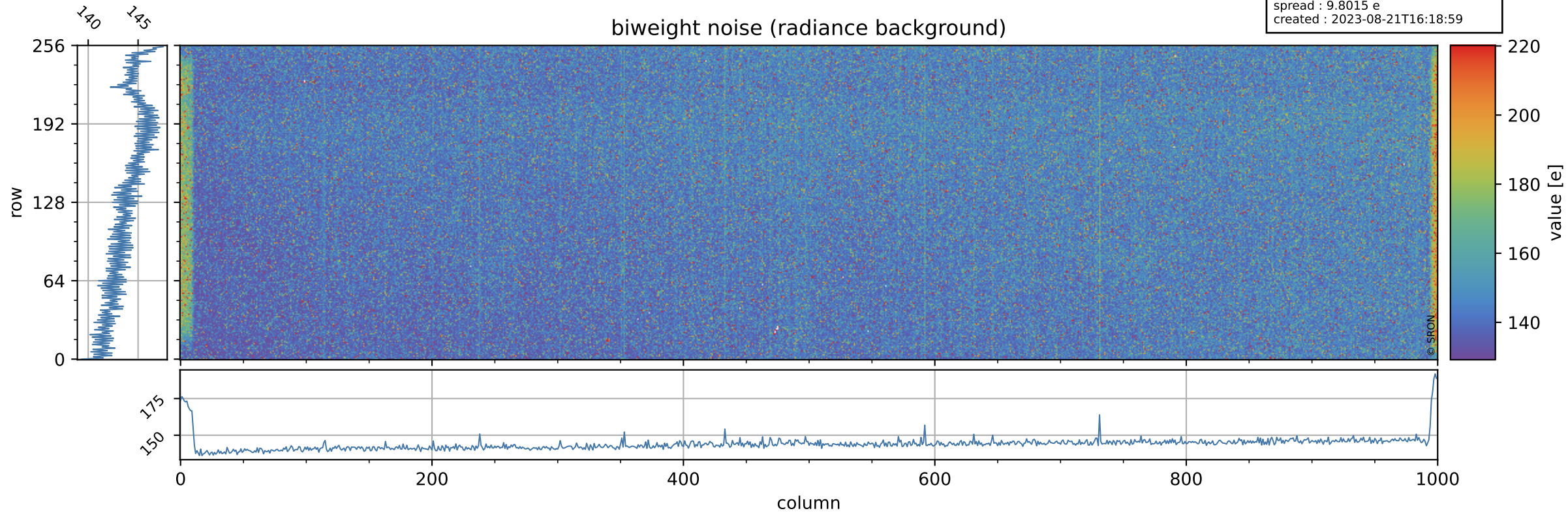
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21562, 21652]
coverage : 2021-12-11 / 2021-12-17
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.8015 e
created : 2023-08-21T16:18:59

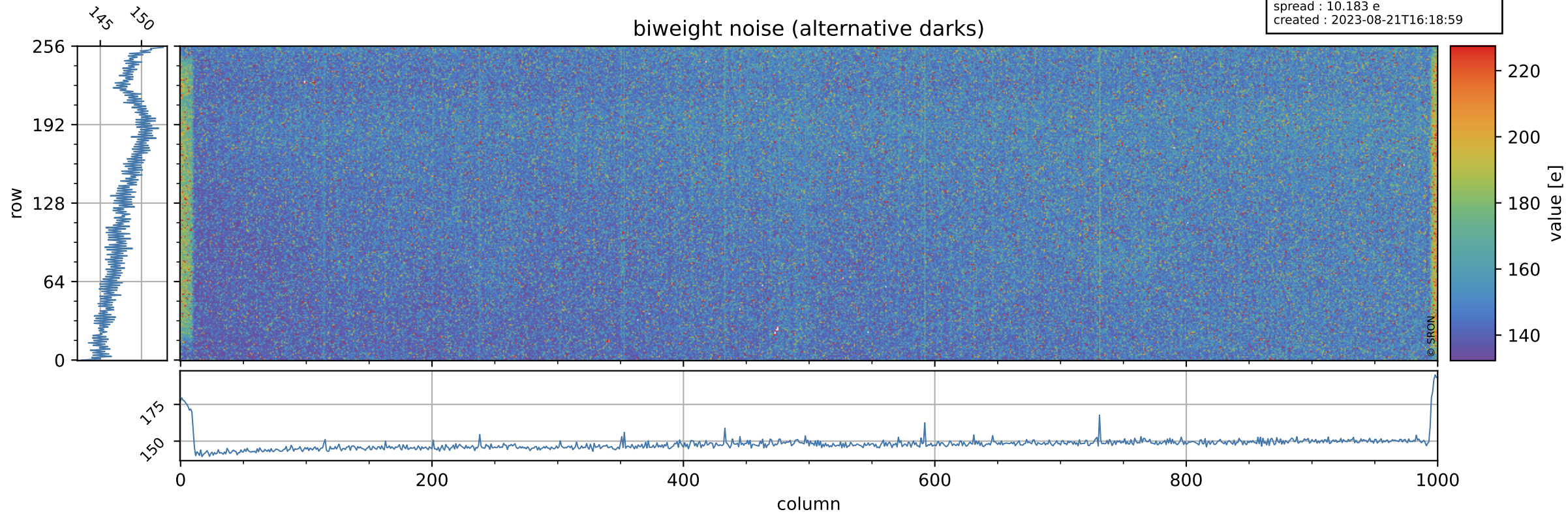
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21562, 21652]
coverage : 2021-12-11 / 2021-12-17
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.183 e
created : 2023-08-21T16:18:59

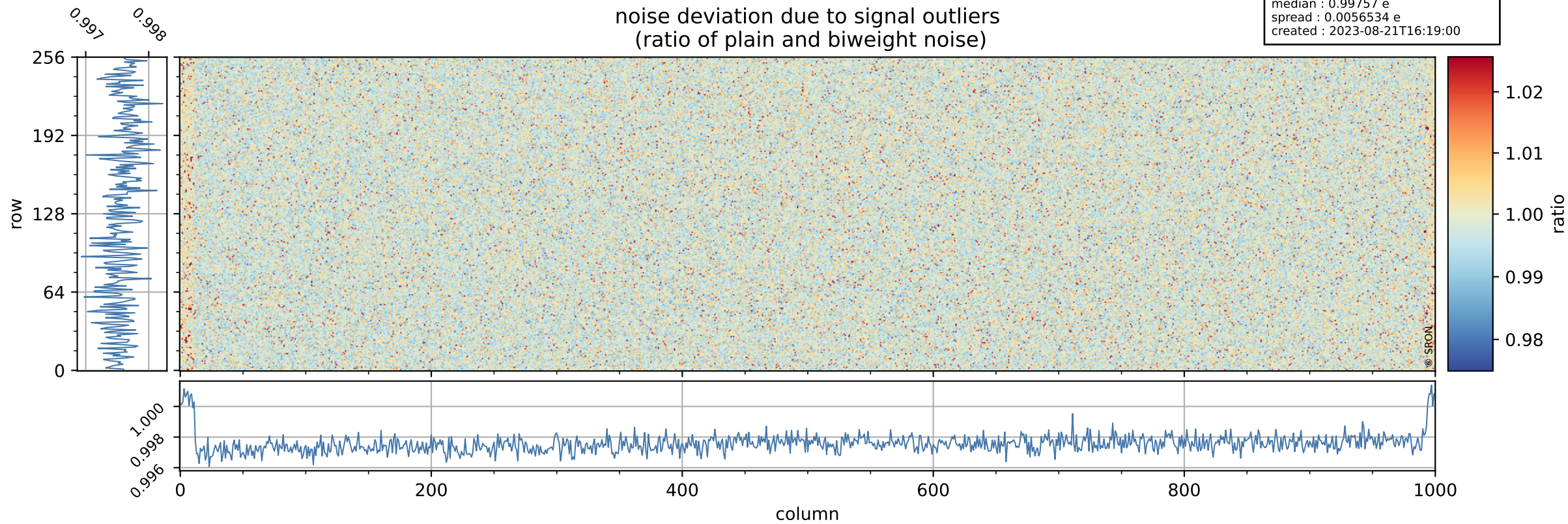
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

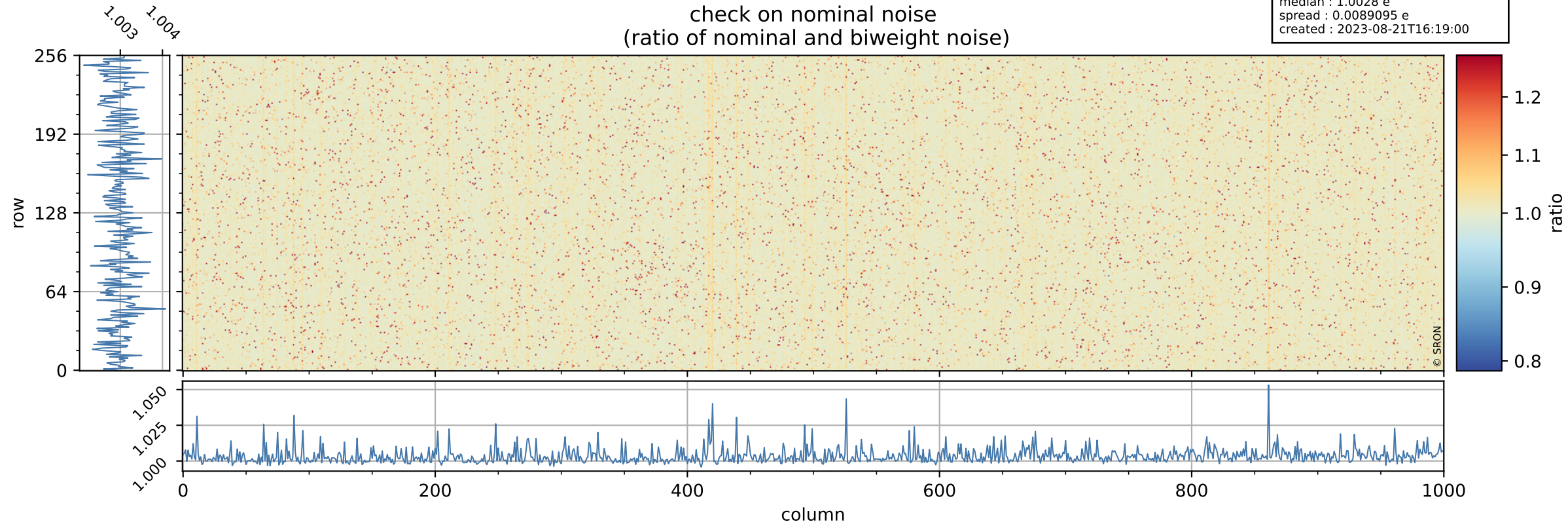
orbits : 12 in [21562, 21652]
coverage : 2021-12-11 / 2021-12-17
median : 0.99757 e
spread : 0.0056534 e
created : 2023-08-21T16:19:00



Tropomi SWIR background noise (swir)

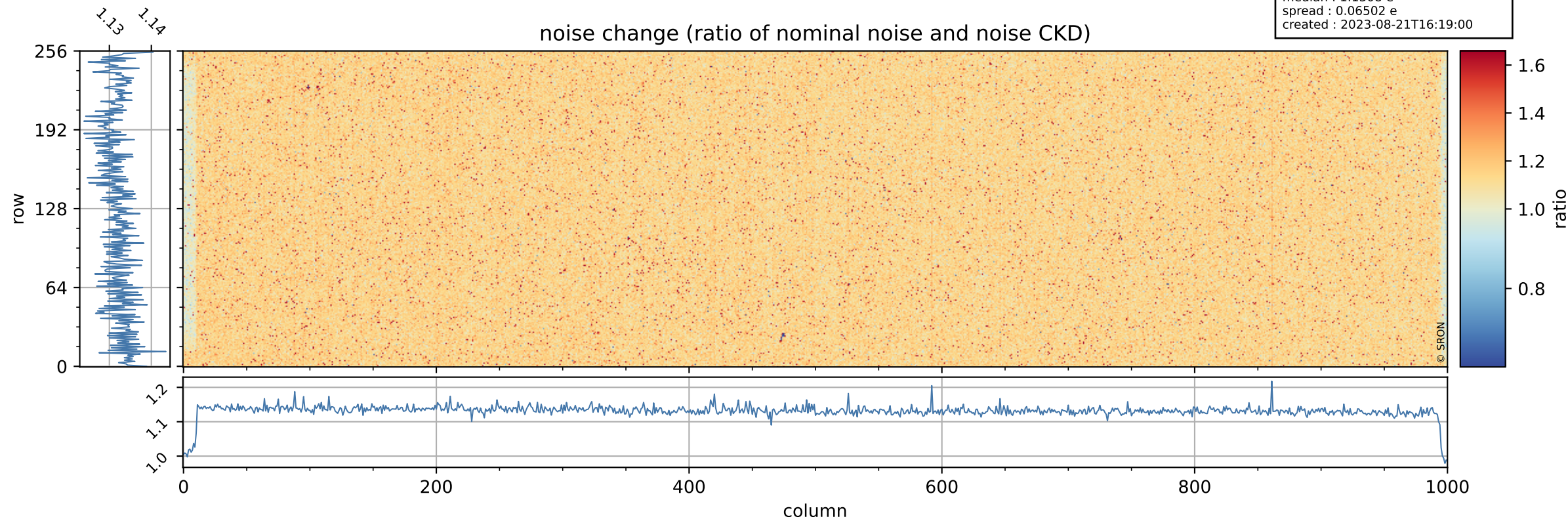
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21562, 21652]
coverage : 2021-12-11 / 2021-12-17
median : 1.0028 e
spread : 0.0089095 e
created : 2023-08-21T16:19:00



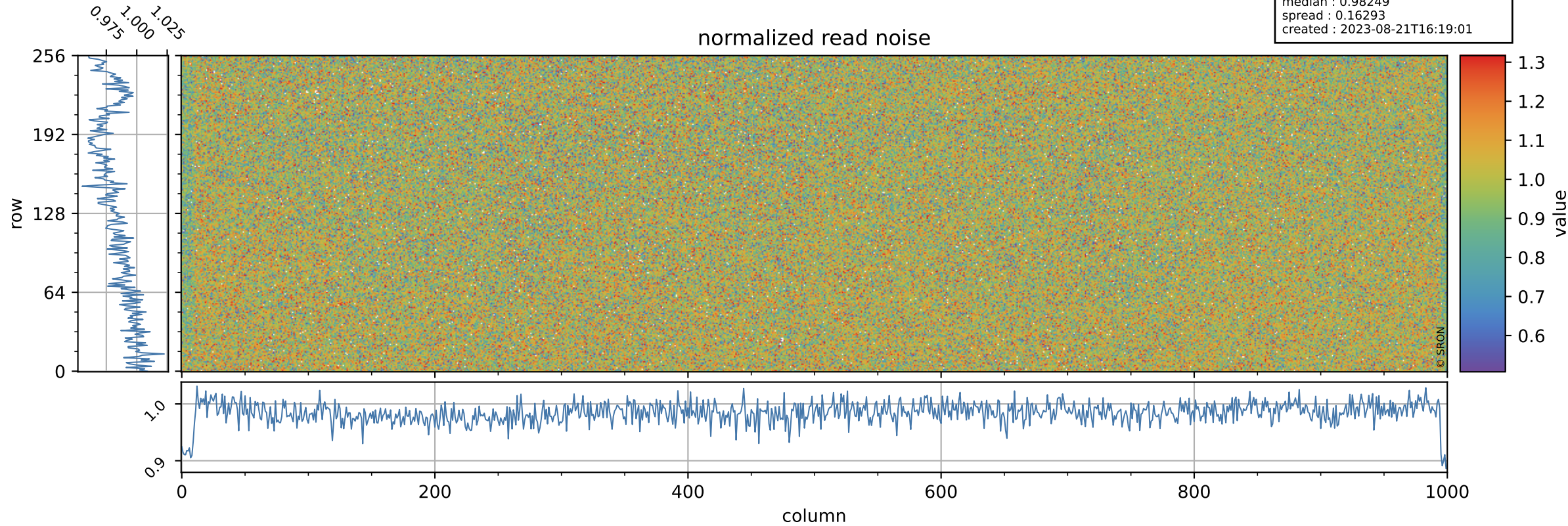
Tropomi SWIR background noise (swir)

orbits : 12 in [21562, 21652]
coverage : 2021-12-11 / 2021-12-17
median : 1.1308 e
spread : 0.06502 e
created : 2023-08-21T16:19:00



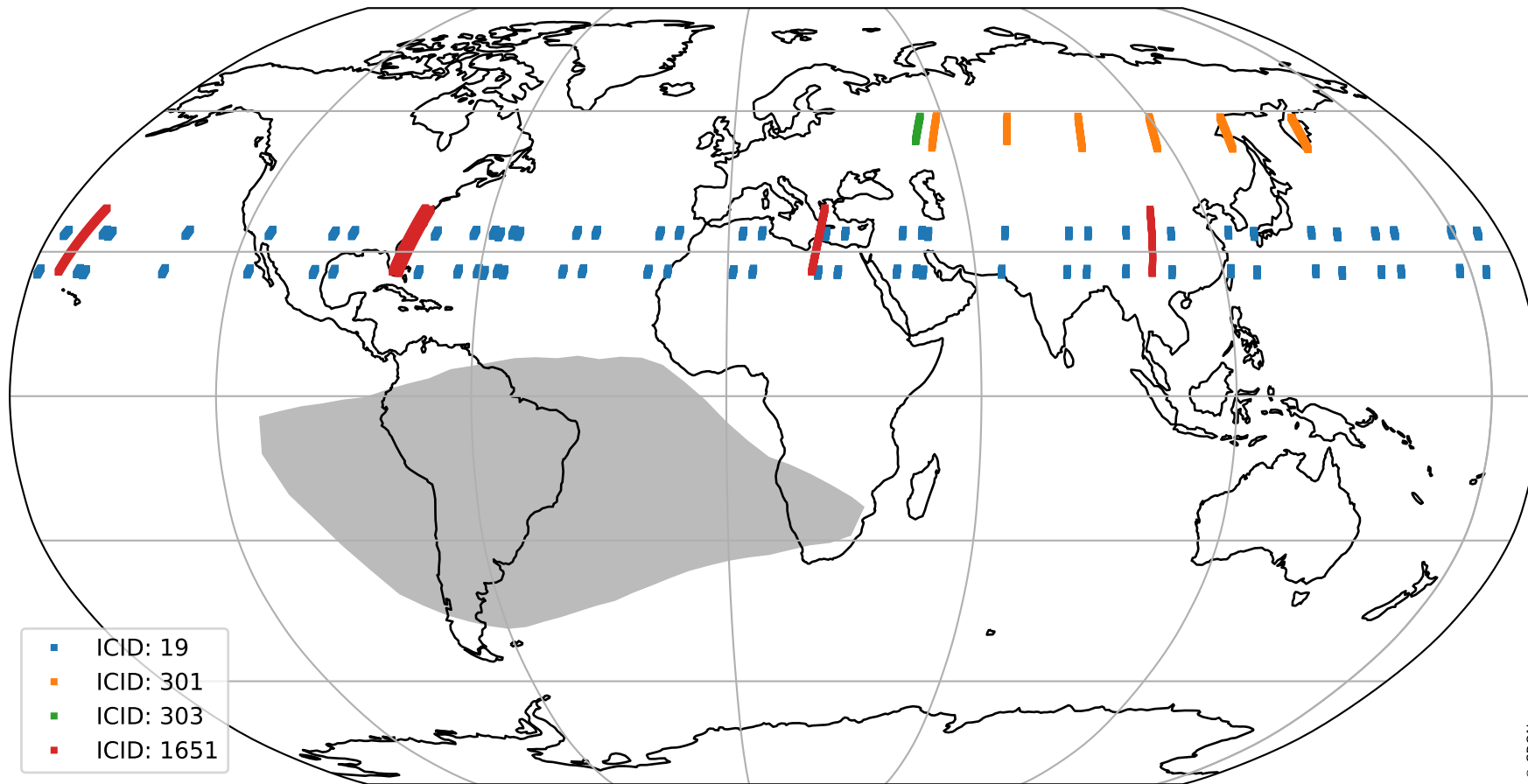
Tropomi SWIR background noise (swir)

orbits : 12 in [21562, 21652]
coverage : 2021-12-11 / 2021-12-17
median : 0.98249
spread : 0.16293
created : 2023-08-21T16:19:01



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

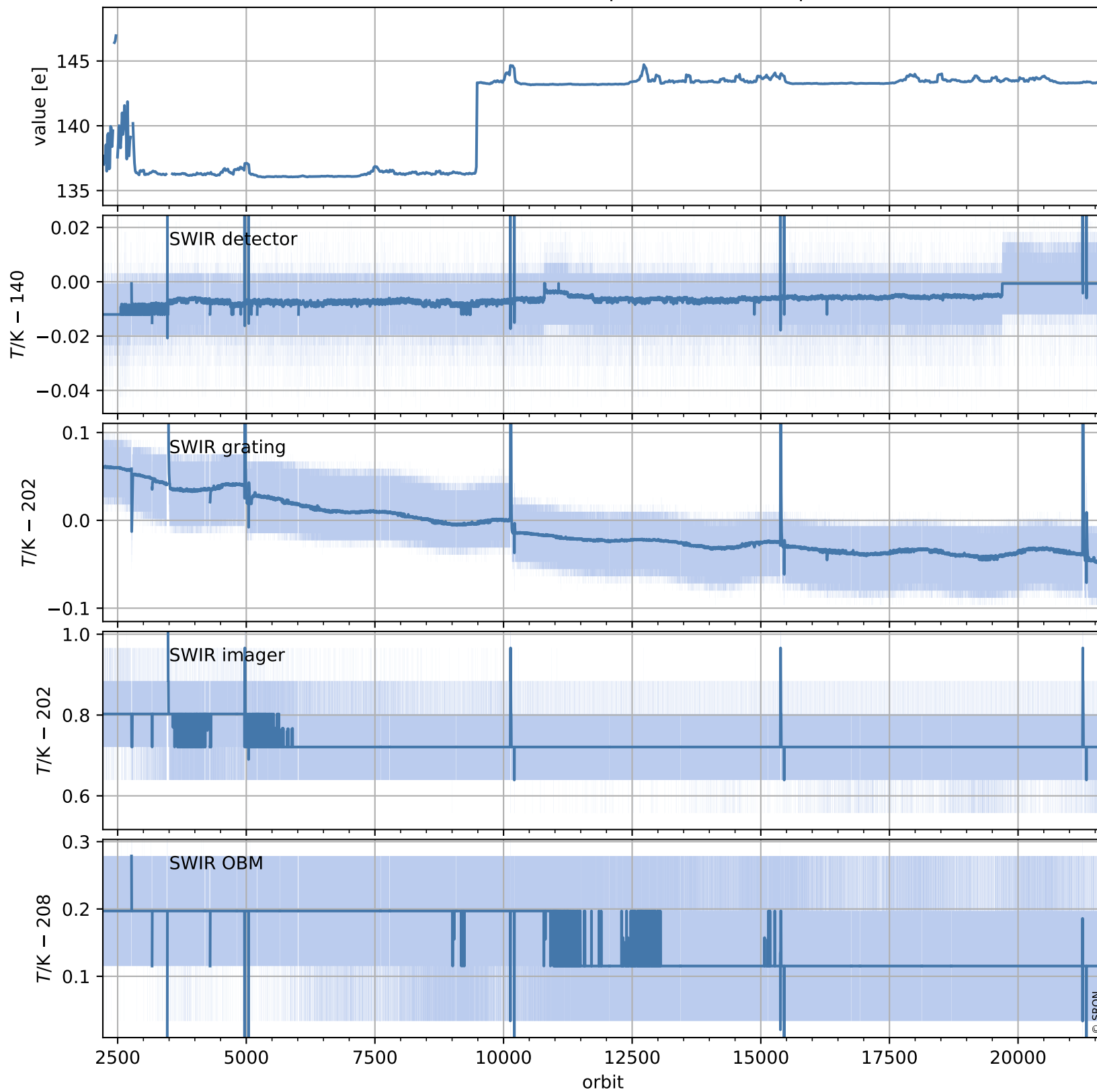
orbits : 12 in [21562, 21652]
coverage : 2021-12-11 / 2021-12-17
created : 2023-08-21T16:19:01



Tropomi SWIR background noise (swir)

orbits : [2212, 21652]
coverage : 2018-03-18 / 2021-12-17
created : 2023-08-21T16:19:01

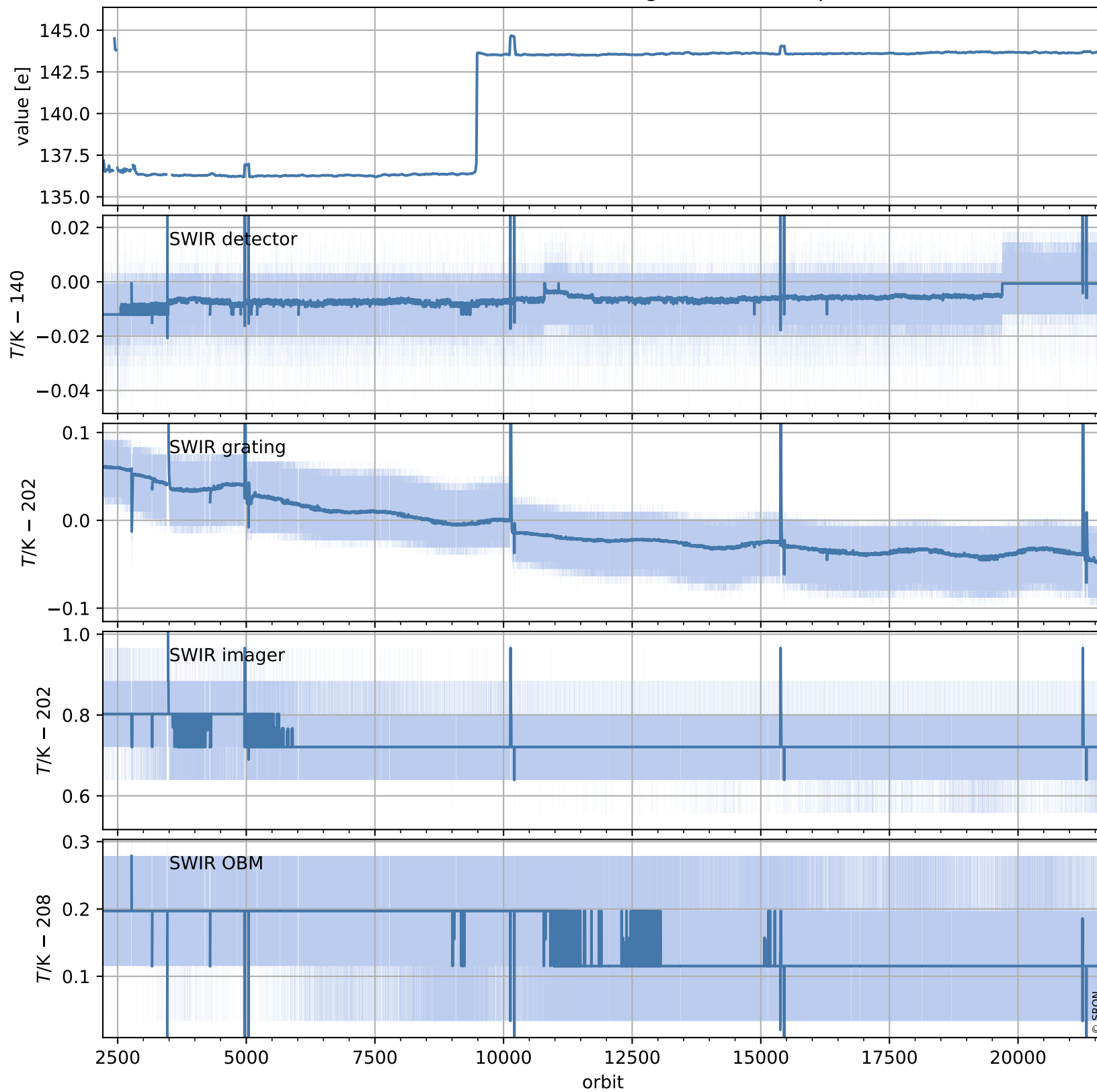
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21652]
coverage : 2018-03-18 / 2021-12-17
created : 2023-08-21T16:19:02

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21652]
coverage : 2018-03-18 / 2021-12-17
created : 2023-08-21T16:19:03

trend of normalized read-noise & temperatures

