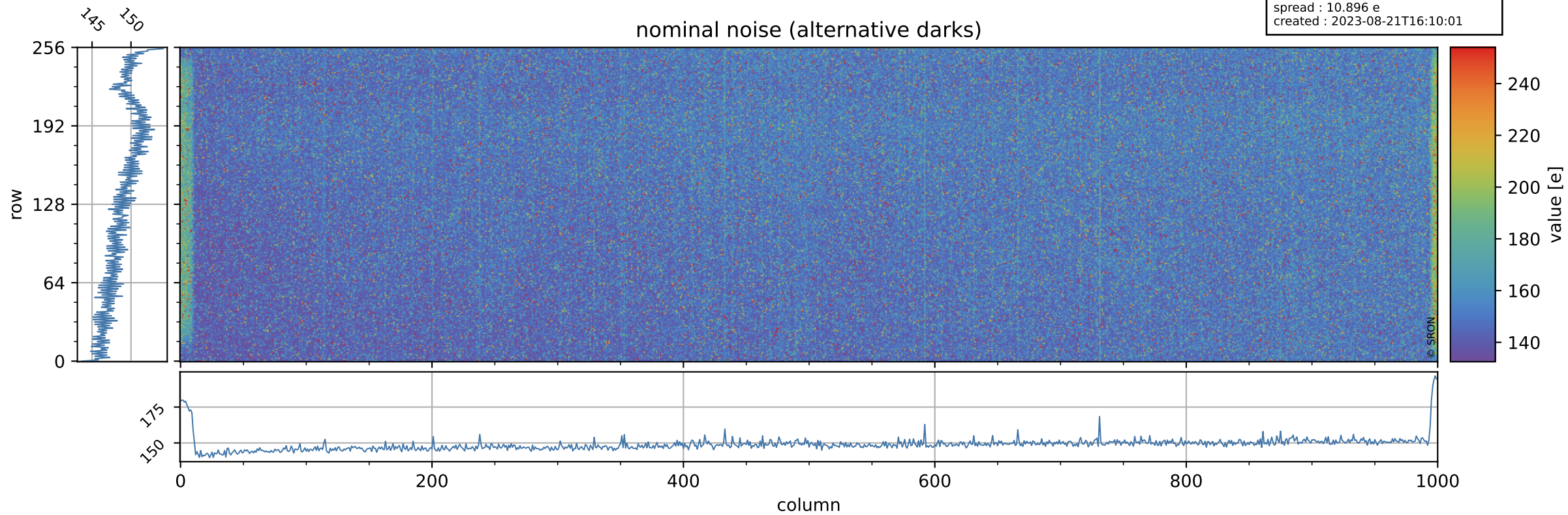


Tropomi SWIR background noise (swir)

orbits : 12 in [20122, 20212]
coverage : 2021-09-01 / 2021-09-06
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 10.896 e
created : 2023-08-21T16:10:01

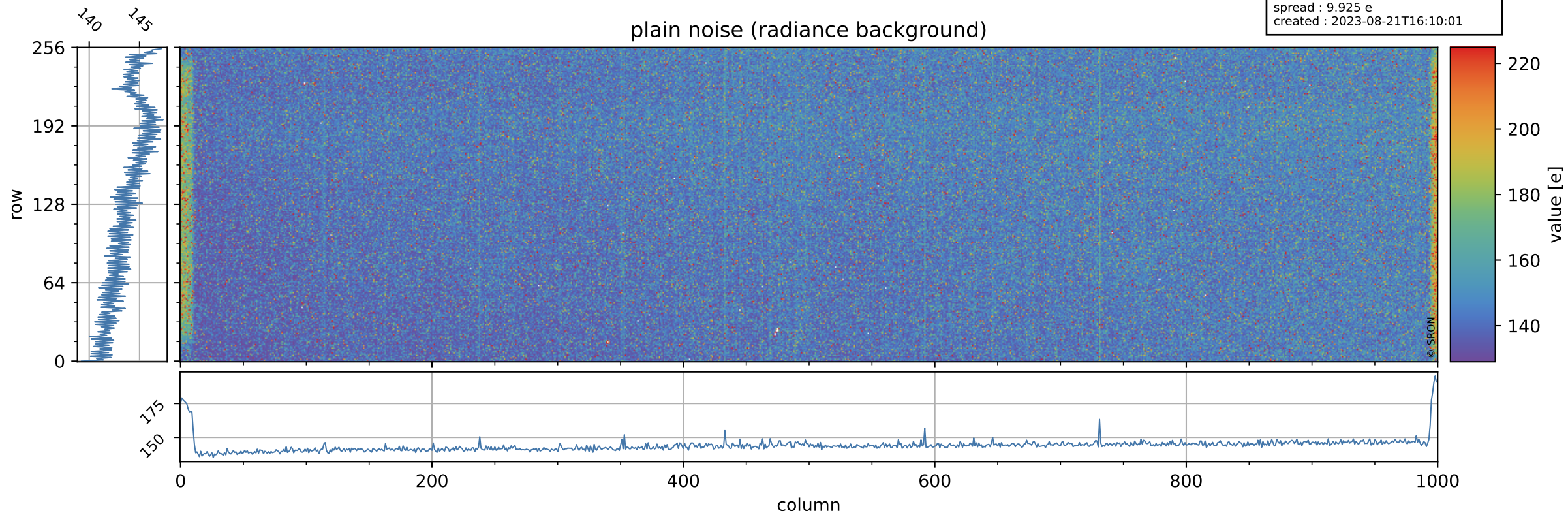
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20122, 20212]
coverage : 2021-09-01 / 2021-09-06
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 9.925 e
created : 2023-08-21T16:10:01

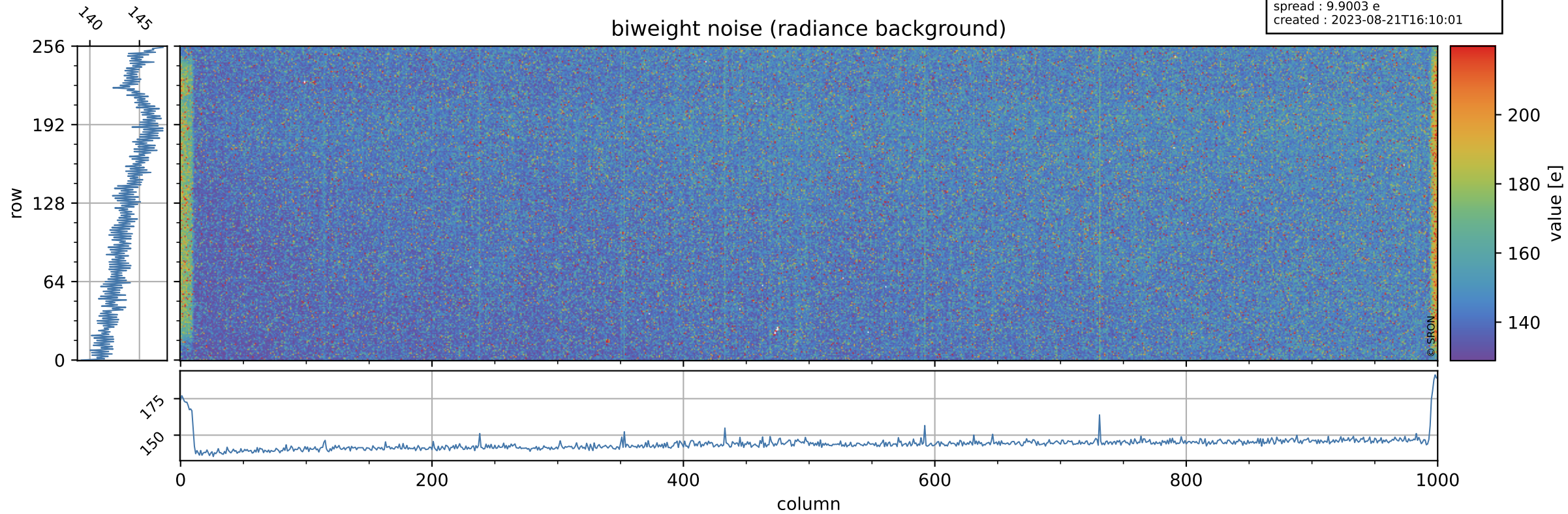
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20122, 20212]
coverage : 2021-09-01 / 2021-09-06
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.9003 e
created : 2023-08-21T16:10:01

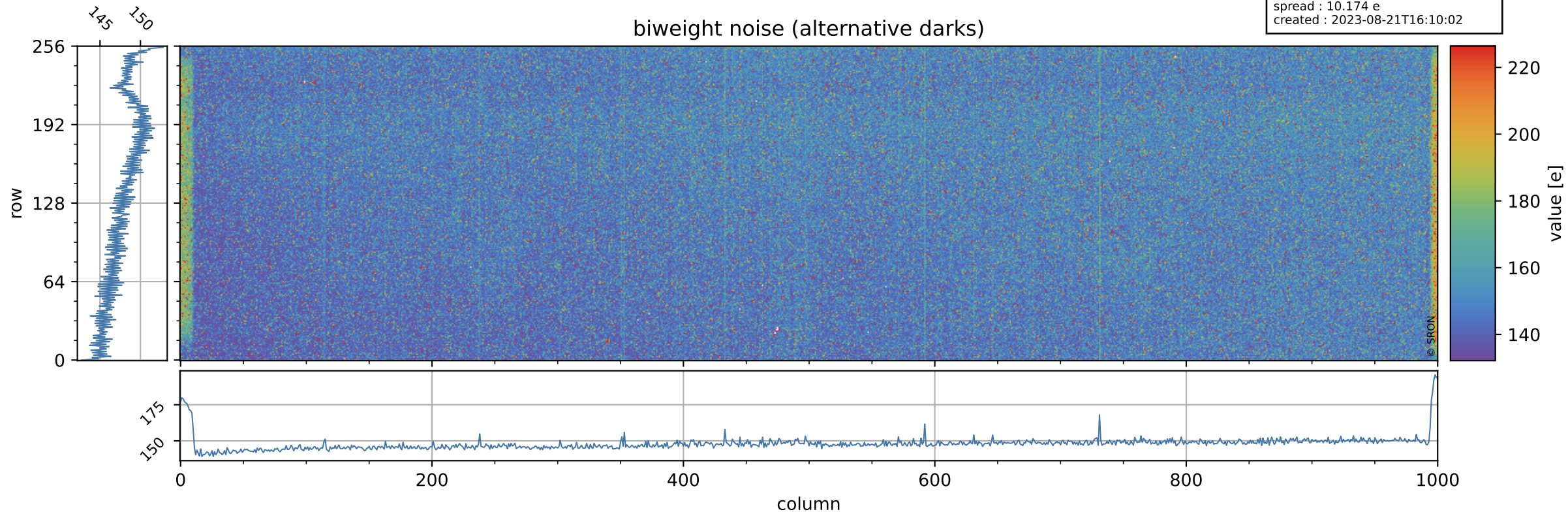
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20122, 20212]
coverage : 2021-09-01 / 2021-09-06
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.174 e
created : 2023-08-21T16:10:02

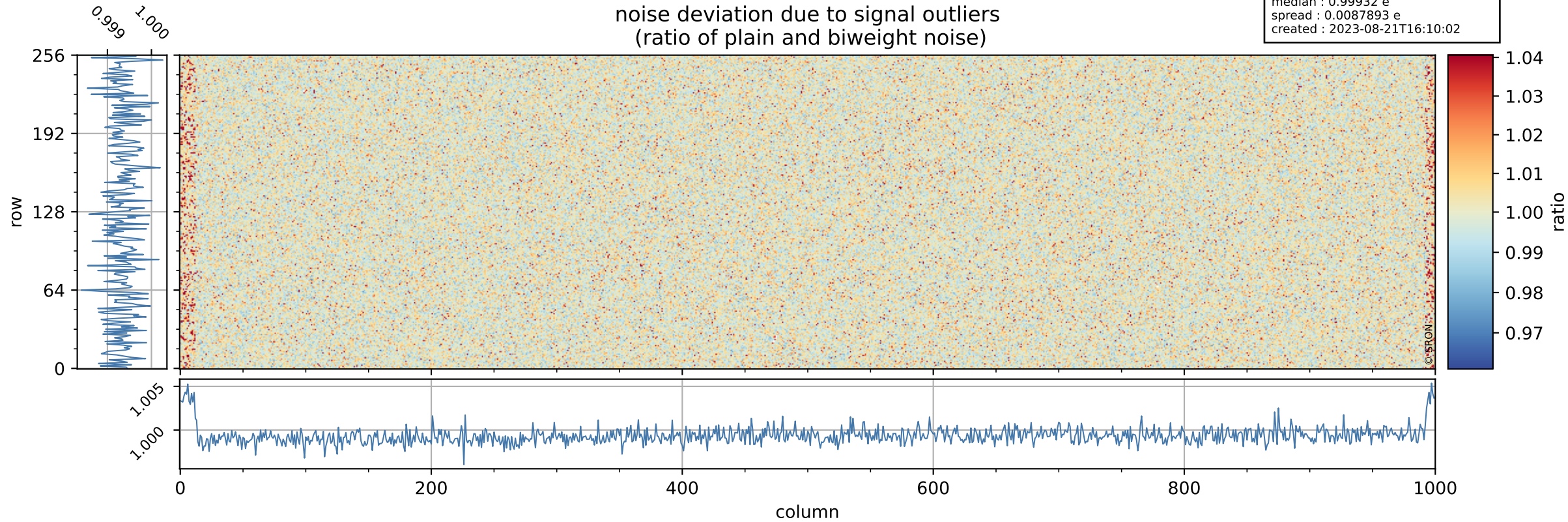
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

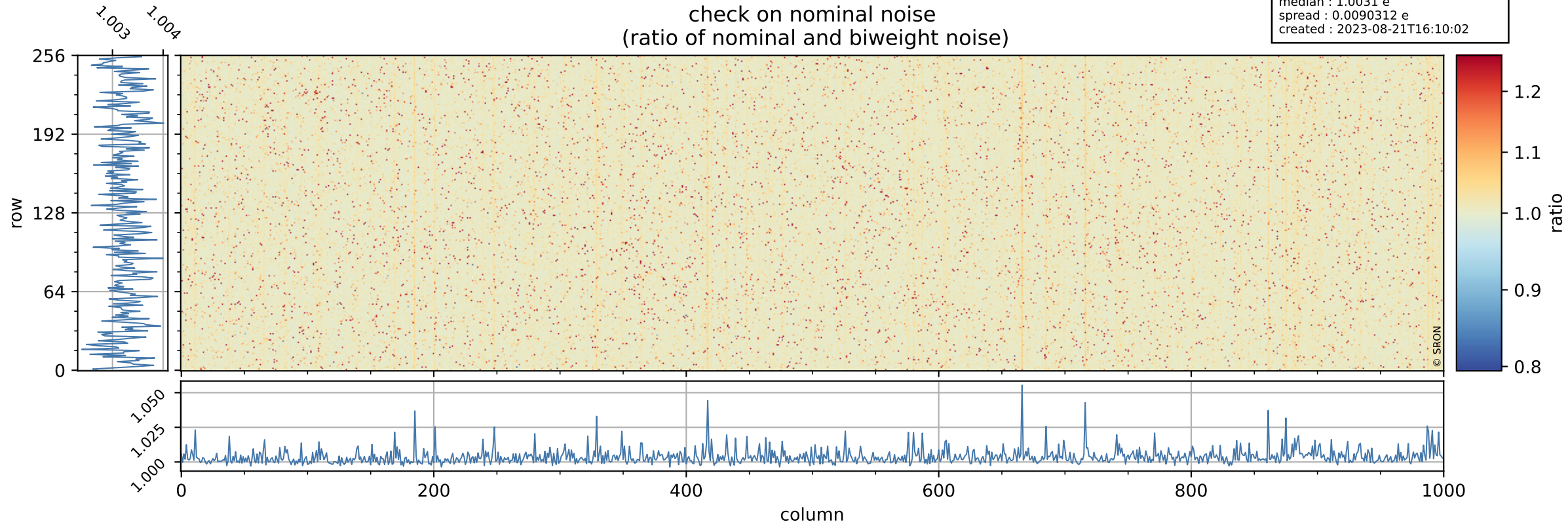
orbits : 12 in [20122, 20212]
coverage : 2021-09-01 / 2021-09-06
median : 0.99932 e
spread : 0.0087893 e
created : 2023-08-21T16:10:02



Tropomi SWIR background noise (swir)

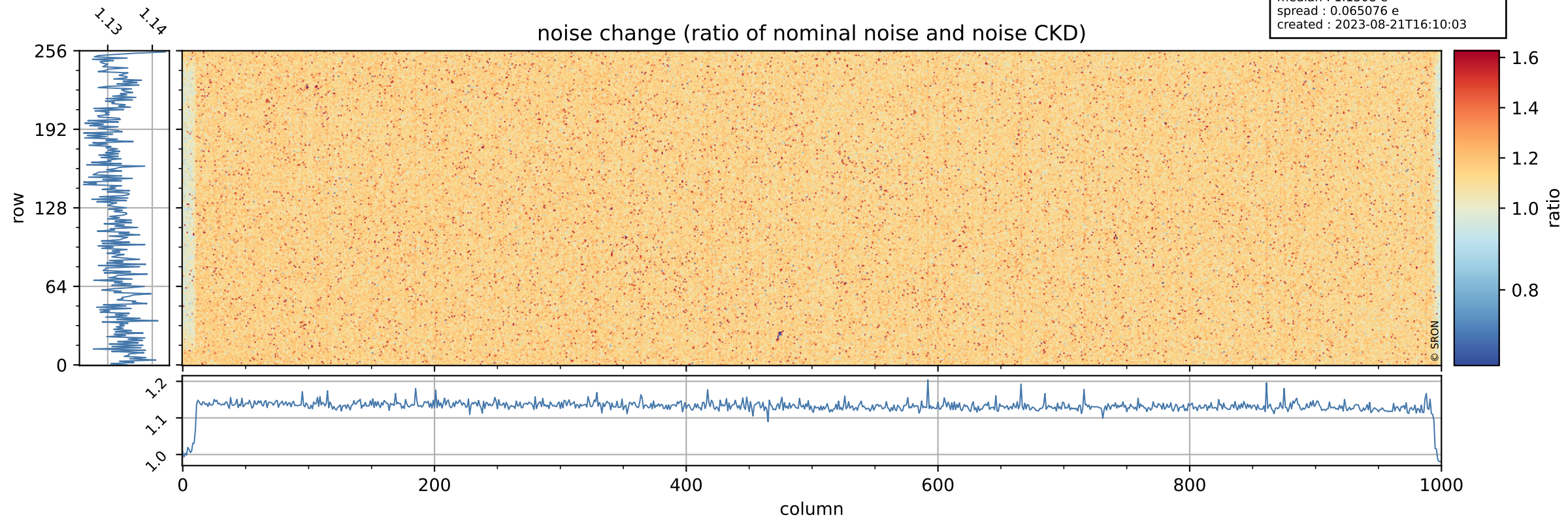
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20122, 20212]
coverage : 2021-09-01 / 2021-09-06
median : 1.0031 e
spread : 0.0090312 e
created : 2023-08-21T16:10:02



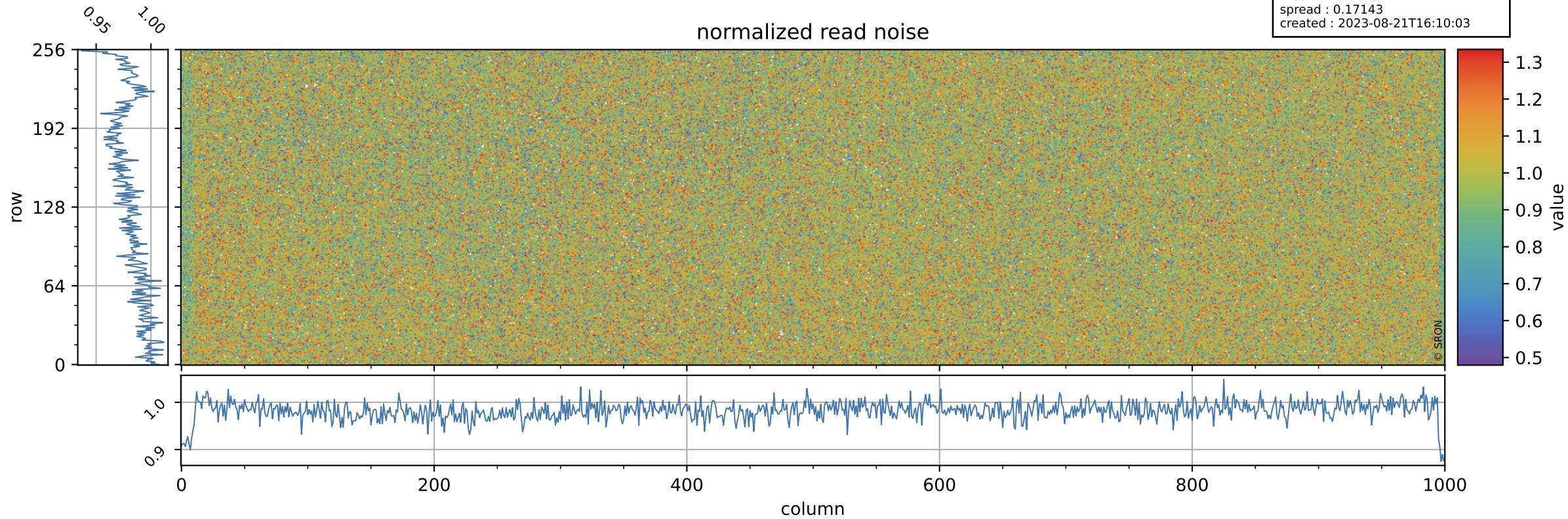
Tropomi SWIR background noise (swir)

orbits : 12 in [20122, 20212]
coverage : 2021-09-01 / 2021-09-06
median : 1.1308 e
spread : 0.065076 e
created : 2023-08-21T16:10:03



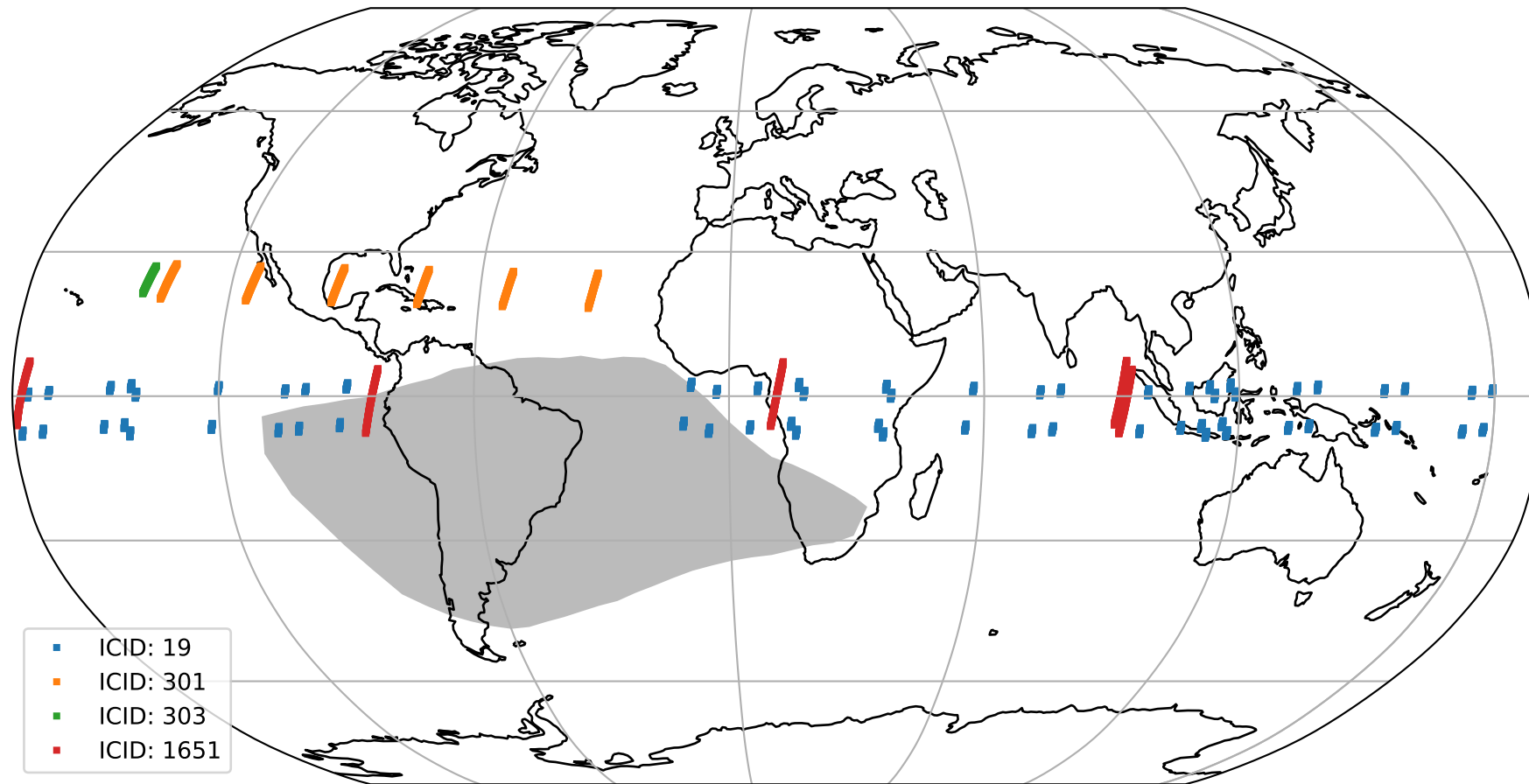
Tropomi SWIR background noise (swir)

orbits : 12 in [20122, 20212]
coverage : 2021-09-01 / 2021-09-06
median : 0.98134
spread : 0.17143
created : 2023-08-21T16:10:03



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

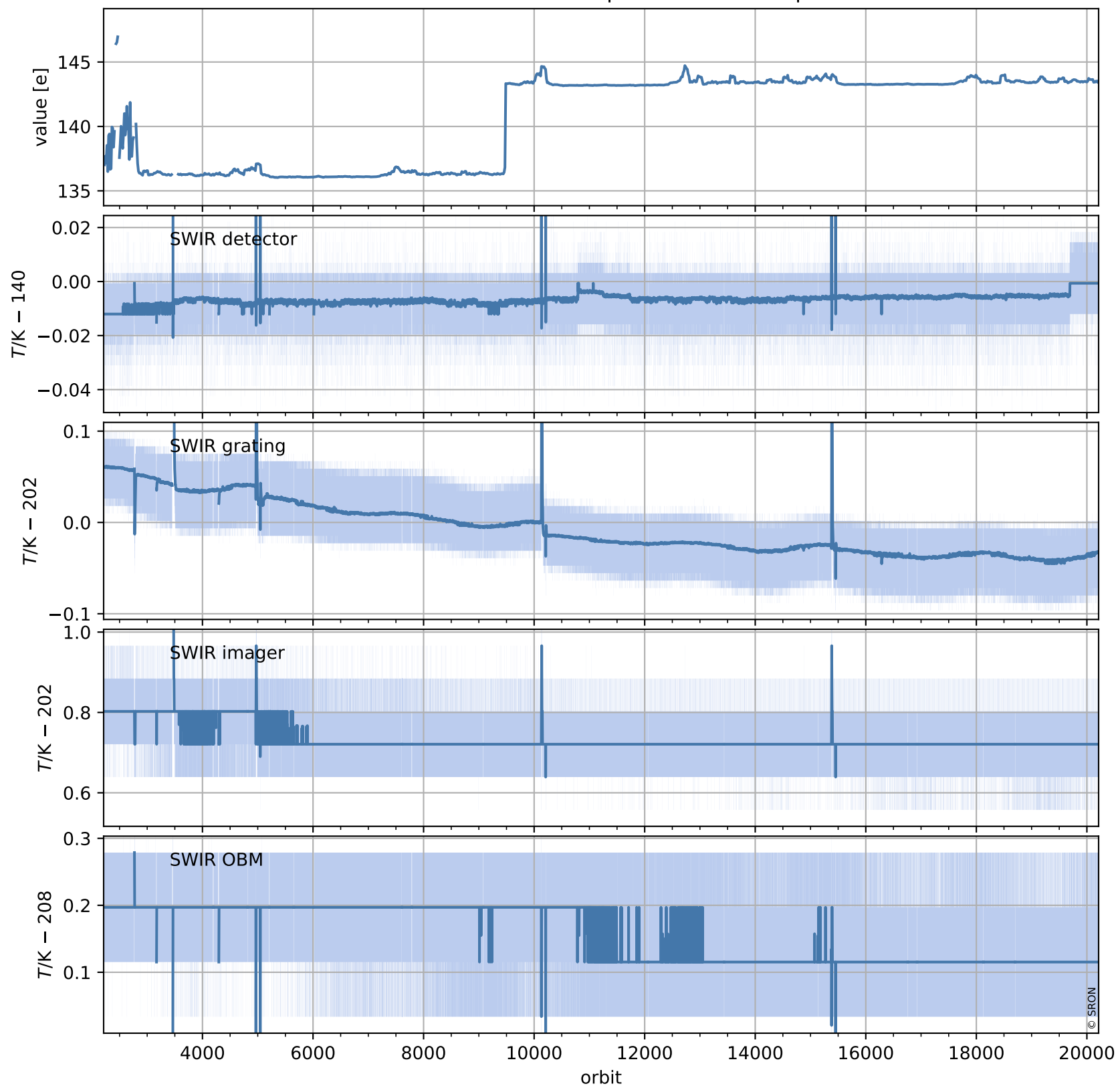
orbits : 12 in [20122, 20212]
coverage : 2021-09-01 / 2021-09-06
created : 2023-08-21T16:10:03



Tropomi SWIR background noise (swir)

orbits : [2212, 20212]
coverage : 2018-03-18 / 2021-09-06
created : 2023-08-21T16:10:03

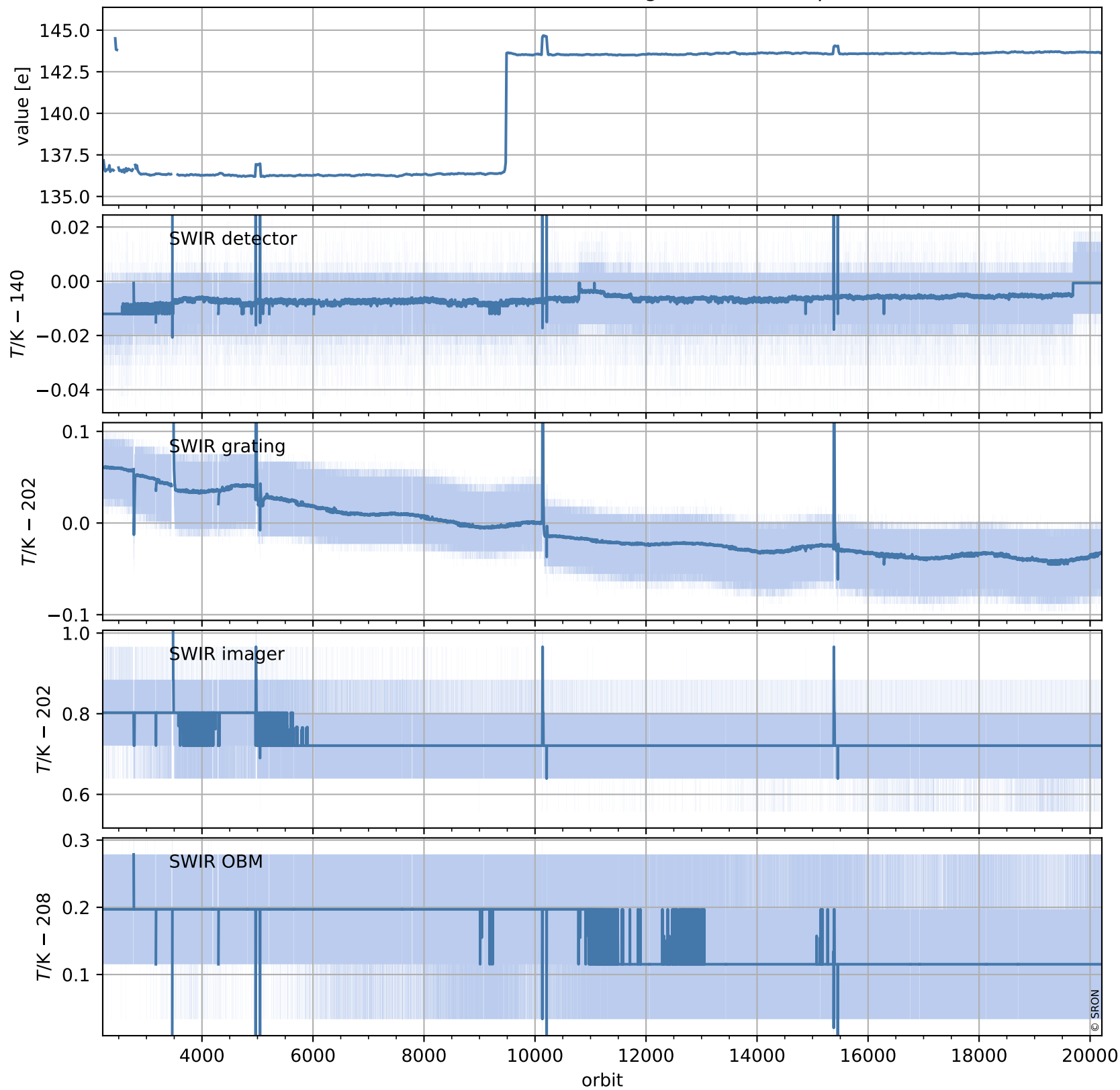
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20212]
coverage : 2018-03-18 / 2021-09-06
created : 2023-08-21T16:10:04

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20212]
coverage : 2018-03-18 / 2021-09-06
created : 2023-08-21T16:10:05

trend of normalized read-noise & temperatures

