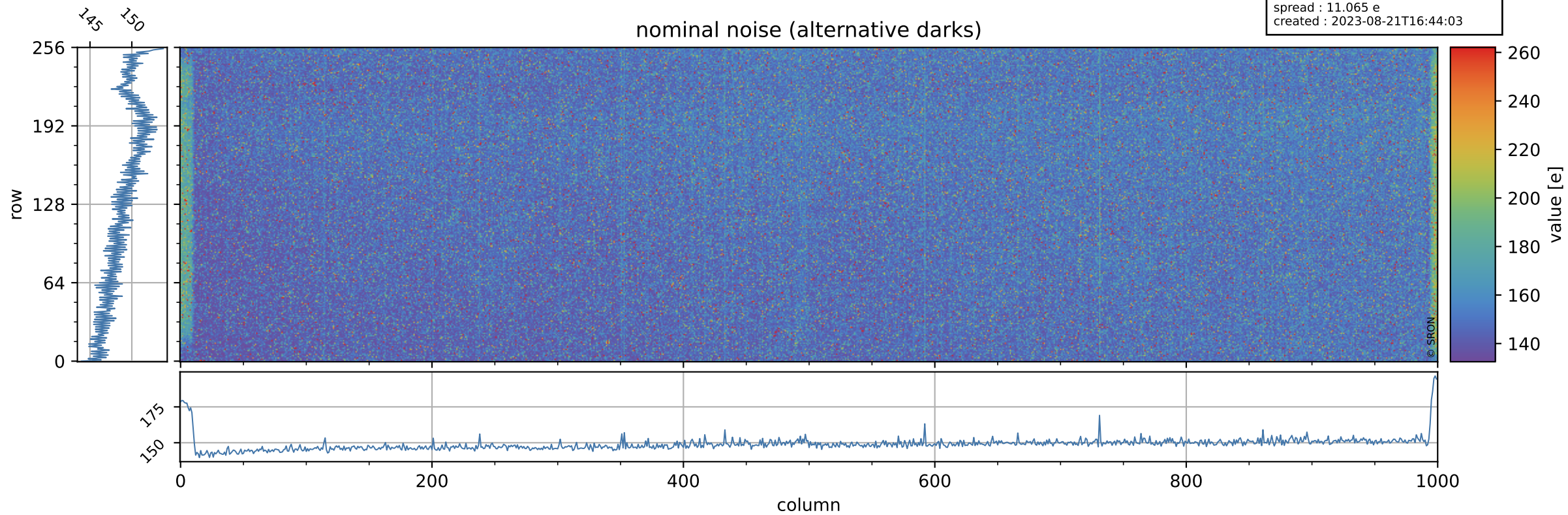


Tropomi SWIR background noise (swir)

orbits : 12 in [25537, 25627]
coverage : 2022-09-17 / 2022-09-23
n_coad, t_exp : 1, 1.0783
median : 148.89 e
spread : 11.065 e
created : 2023-08-21T16:44:03

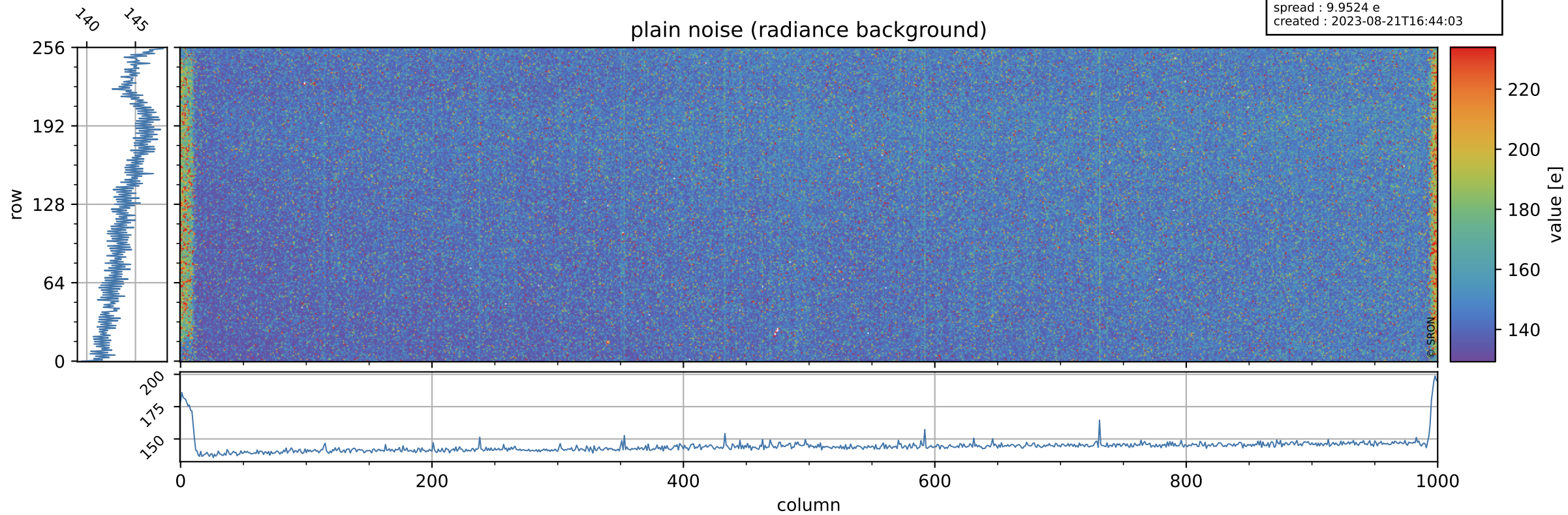
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25537, 25627]
coverage : 2022-09-17 / 2022-09-23
n_coad, t_exp : 1, 0.8383
median : 143.94 e
spread : 9.9524 e
created : 2023-08-21T16:44:03

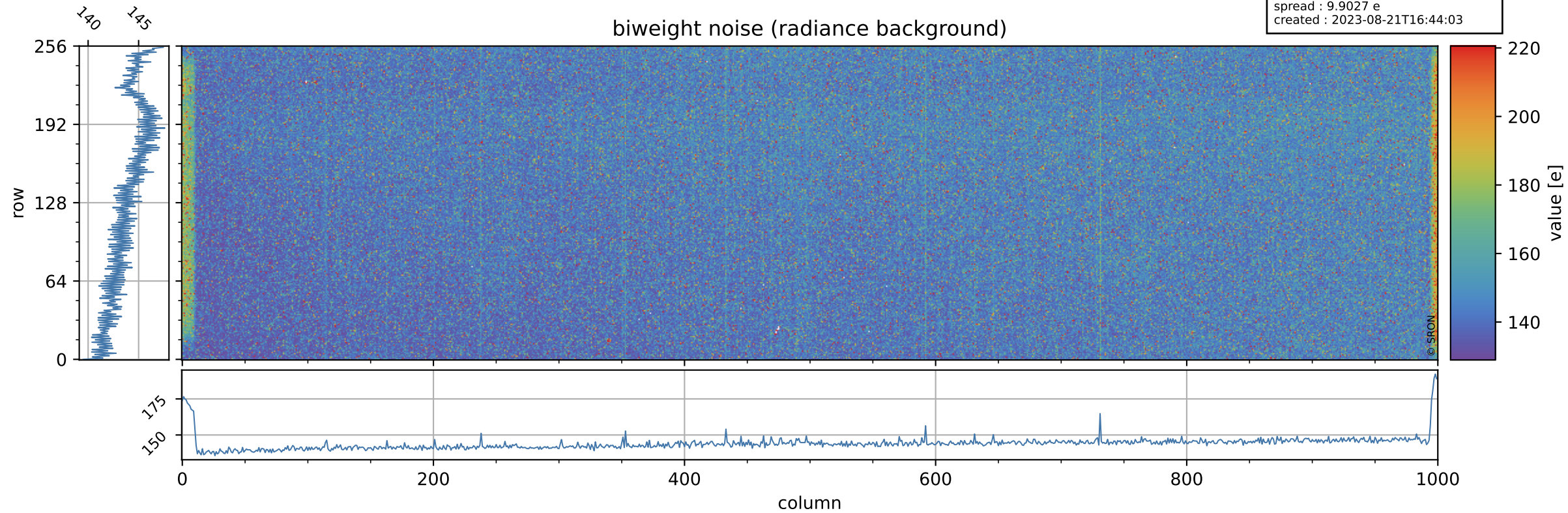
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25537, 25627]
coverage : 2022-09-17 / 2022-09-23
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.9027 e
created : 2023-08-21T16:44:03

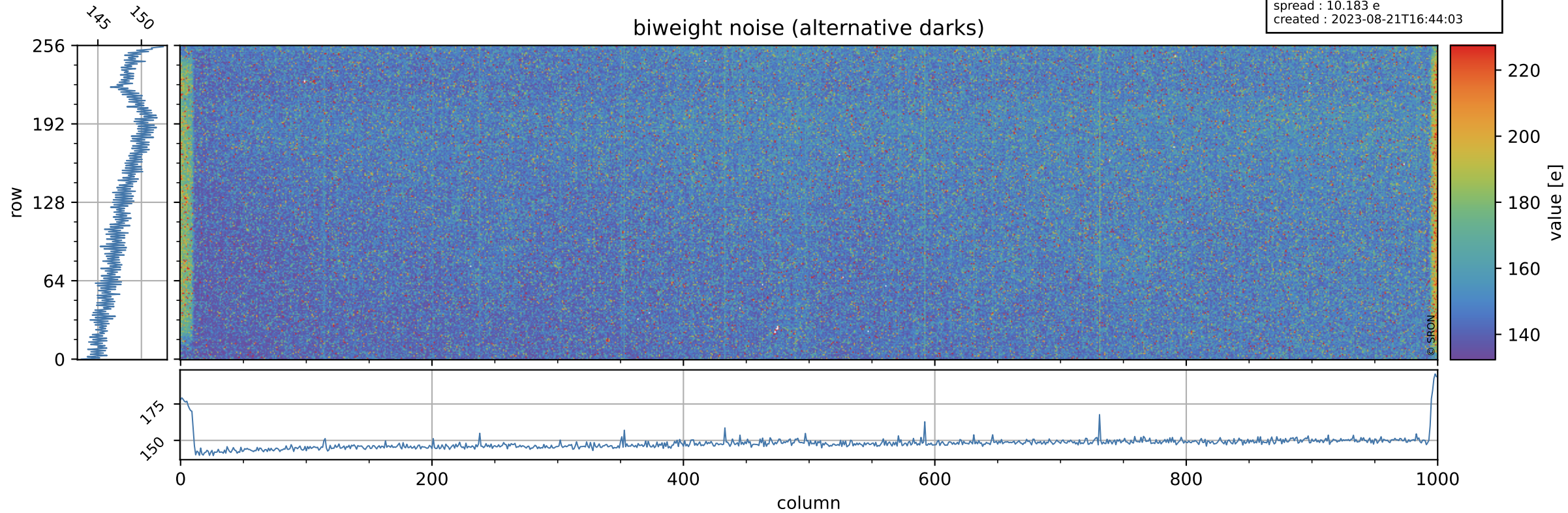
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25537, 25627]
coverage : 2022-09-17 / 2022-09-23
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.183 e
created : 2023-08-21T16:44:03

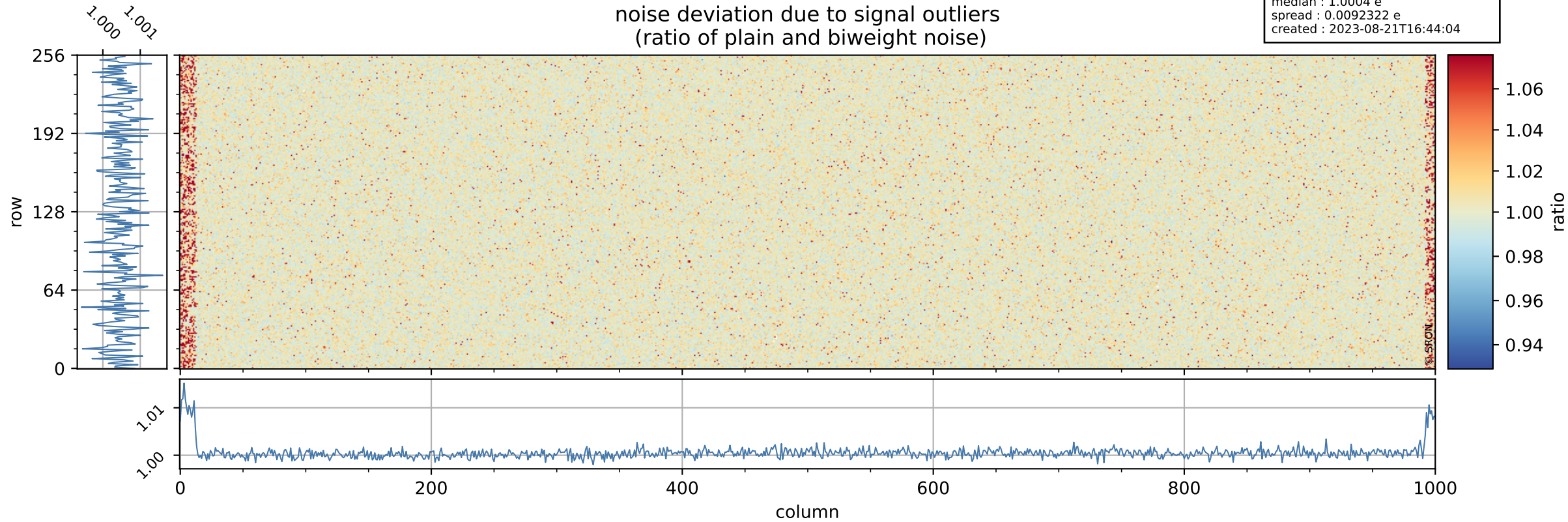
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

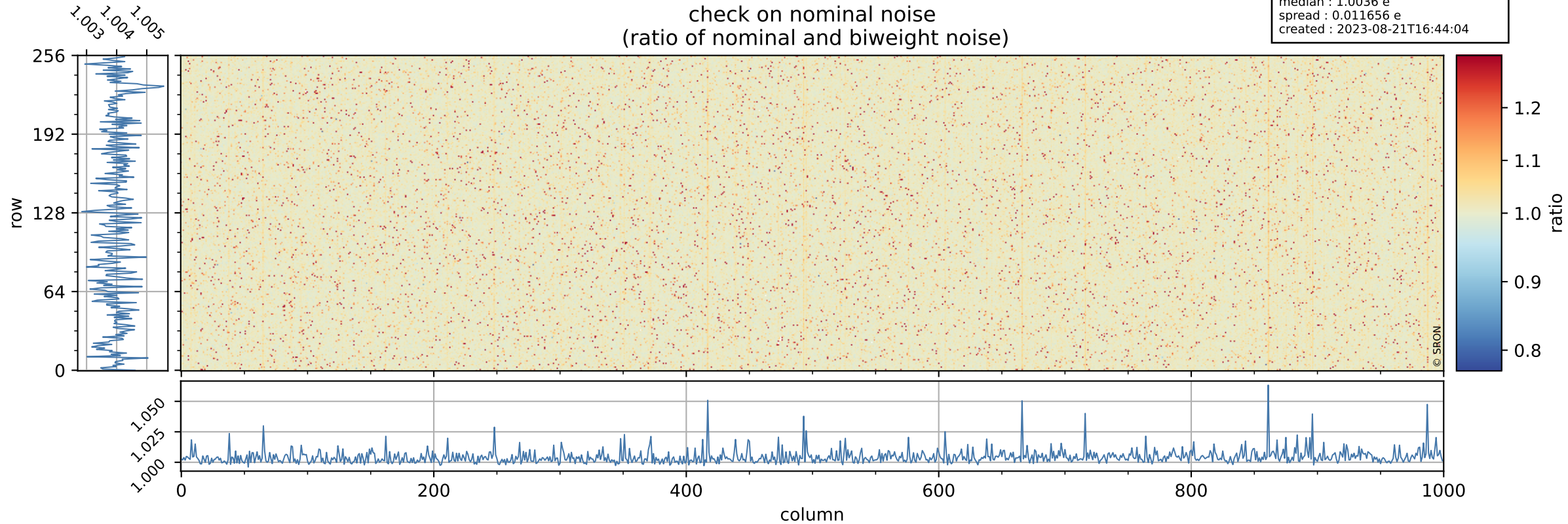
orbits : 12 in [25537, 25627]
coverage : 2022-09-17 / 2022-09-23
median : 1.0004 e
spread : 0.0092322 e
created : 2023-08-21T16:44:04



Tropomi SWIR background noise (swir)

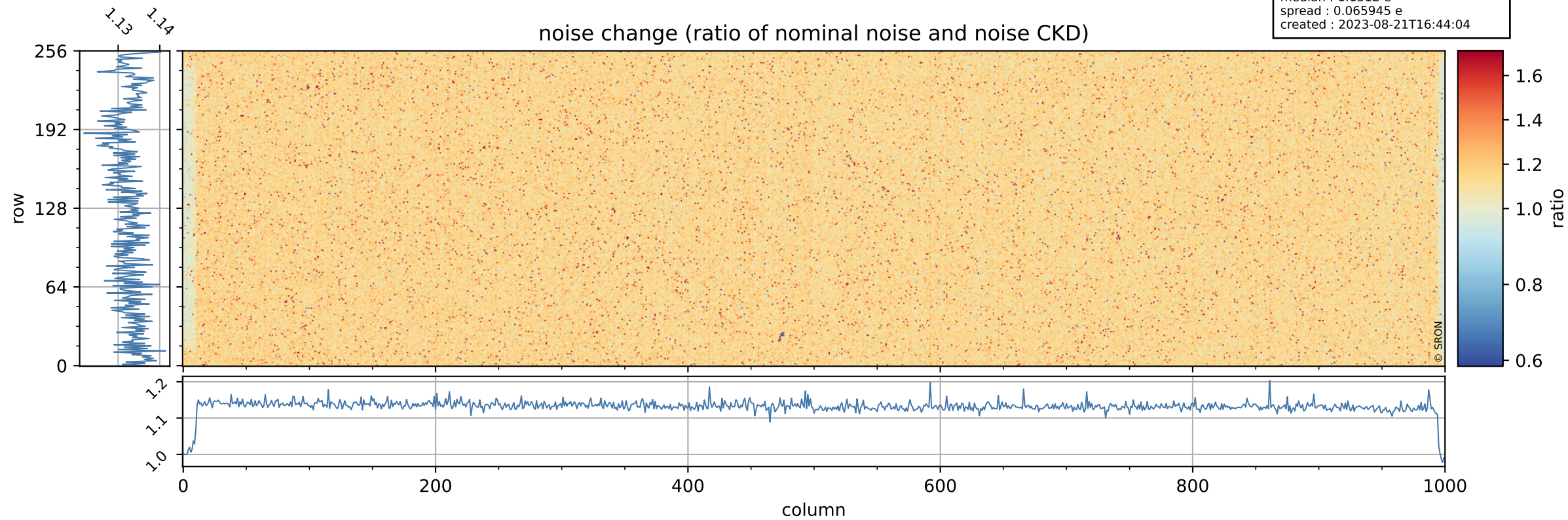
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25537, 25627]
coverage : 2022-09-17 / 2022-09-23
median : 1.0036 e
spread : 0.011656 e
created : 2023-08-21T16:44:04



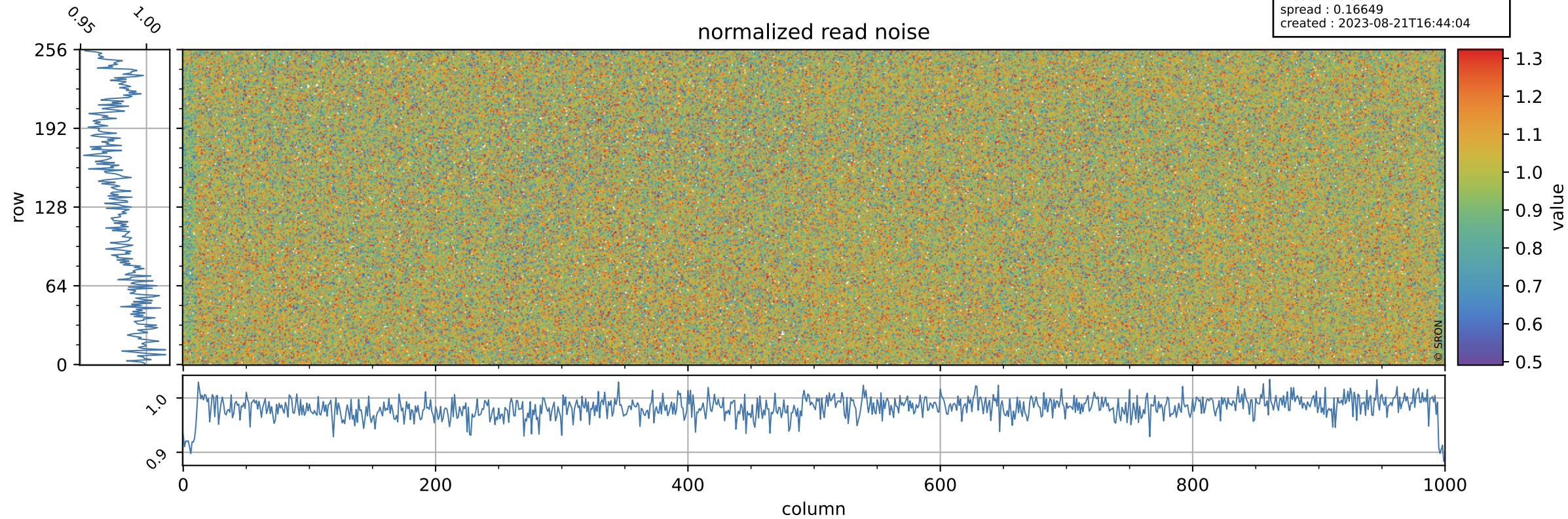
Tropomi SWIR background noise (swir)

orbits : 12 in [25537, 25627]
coverage : 2022-09-17 / 2022-09-23
median : 1.1312 e
spread : 0.065945 e
created : 2023-08-21T16:44:04



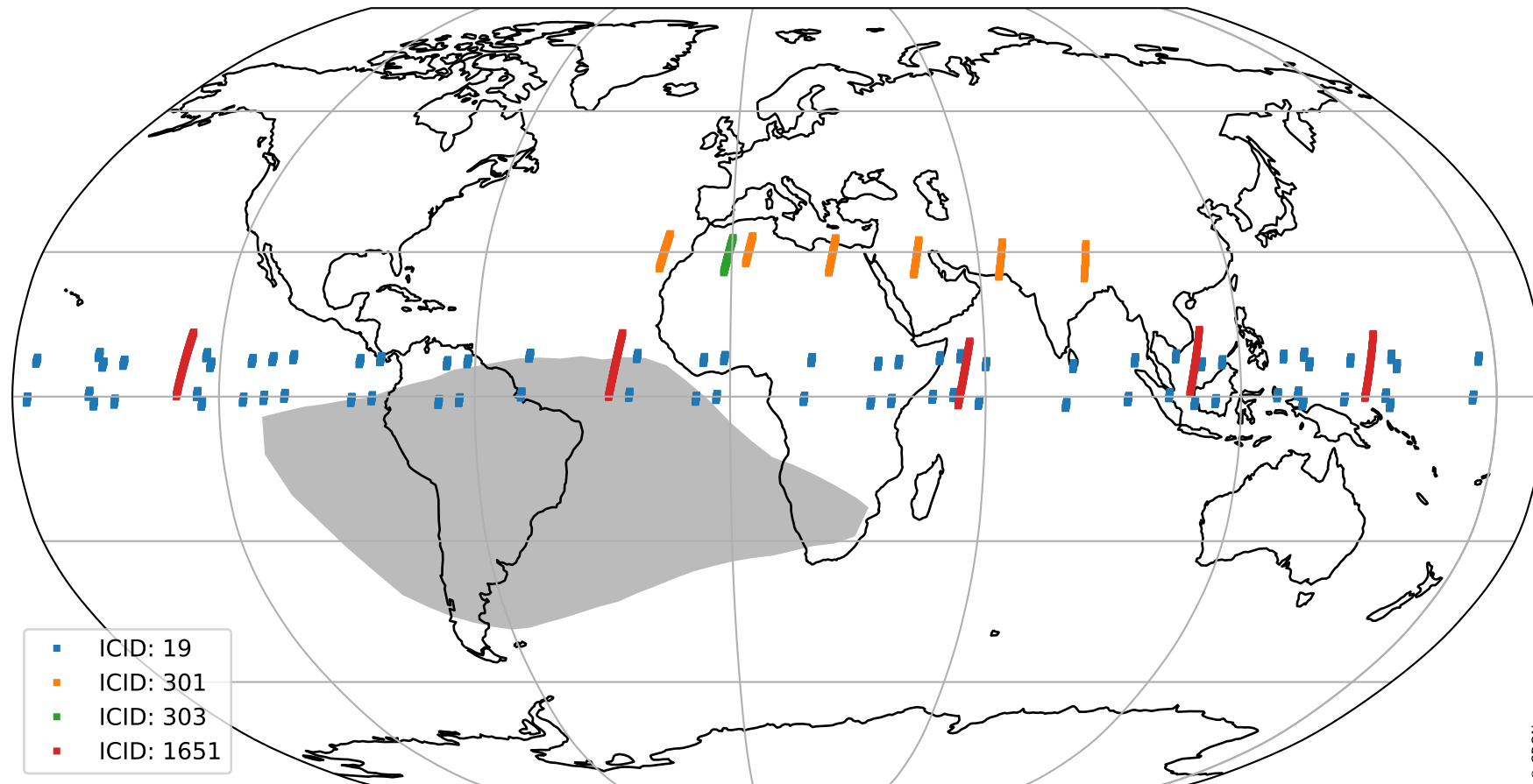
Tropomi SWIR background noise (swir)

orbits : 12 in [25537, 25627]
coverage : 2022-09-17 / 2022-09-23
median : 0.981
spread : 0.16649
created : 2023-08-21T16:44:04



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

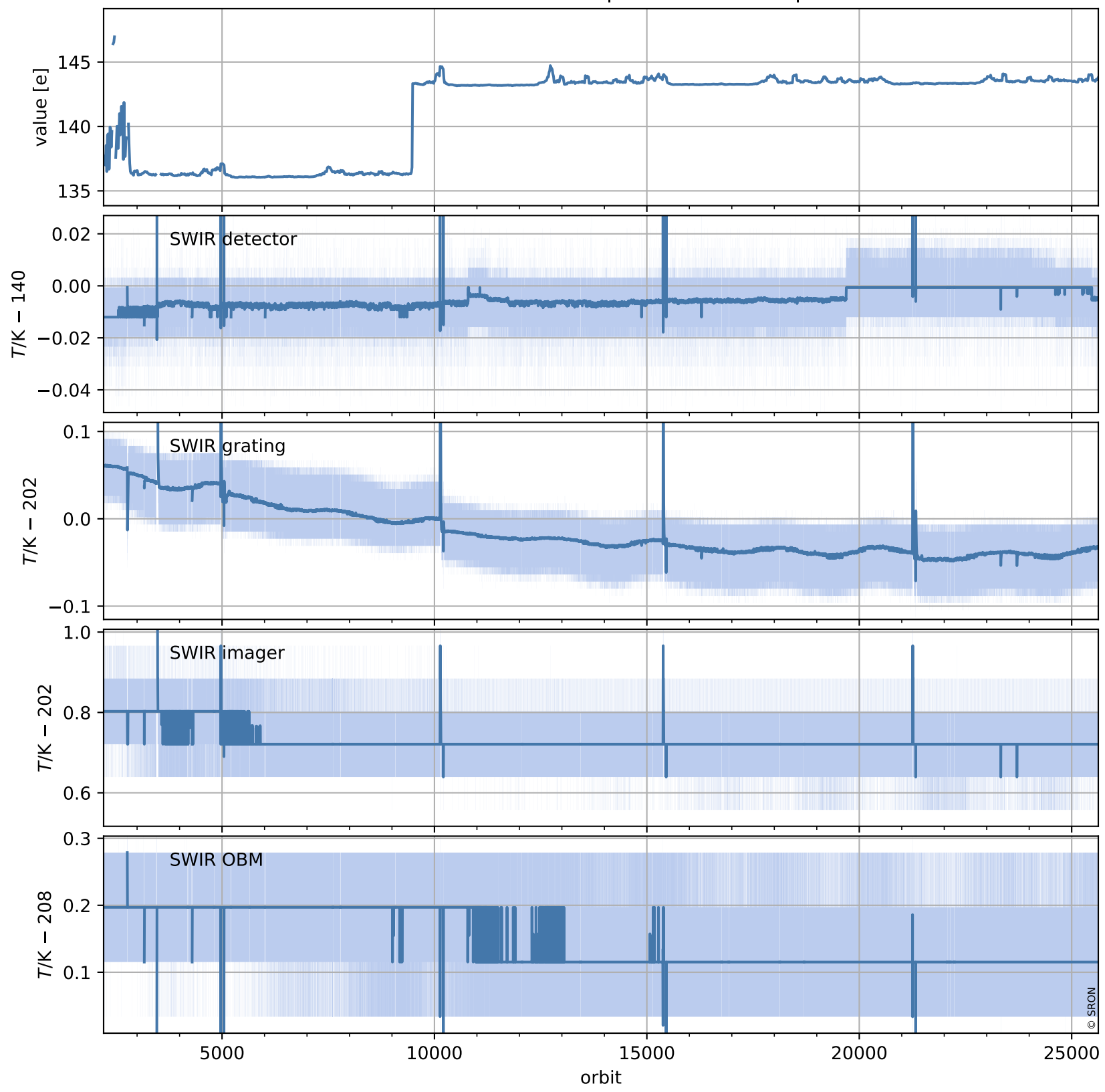
orbits : 12 in [25537, 25627]
coverage : 2022-09-17 / 2022-09-23
created : 2023-08-21T16:44:05



Tropomi SWIR background noise (swir)

orbits : [2212, 25627]
coverage : 2018-03-18 / 2022-09-23
created : 2023-08-21T16:44:05

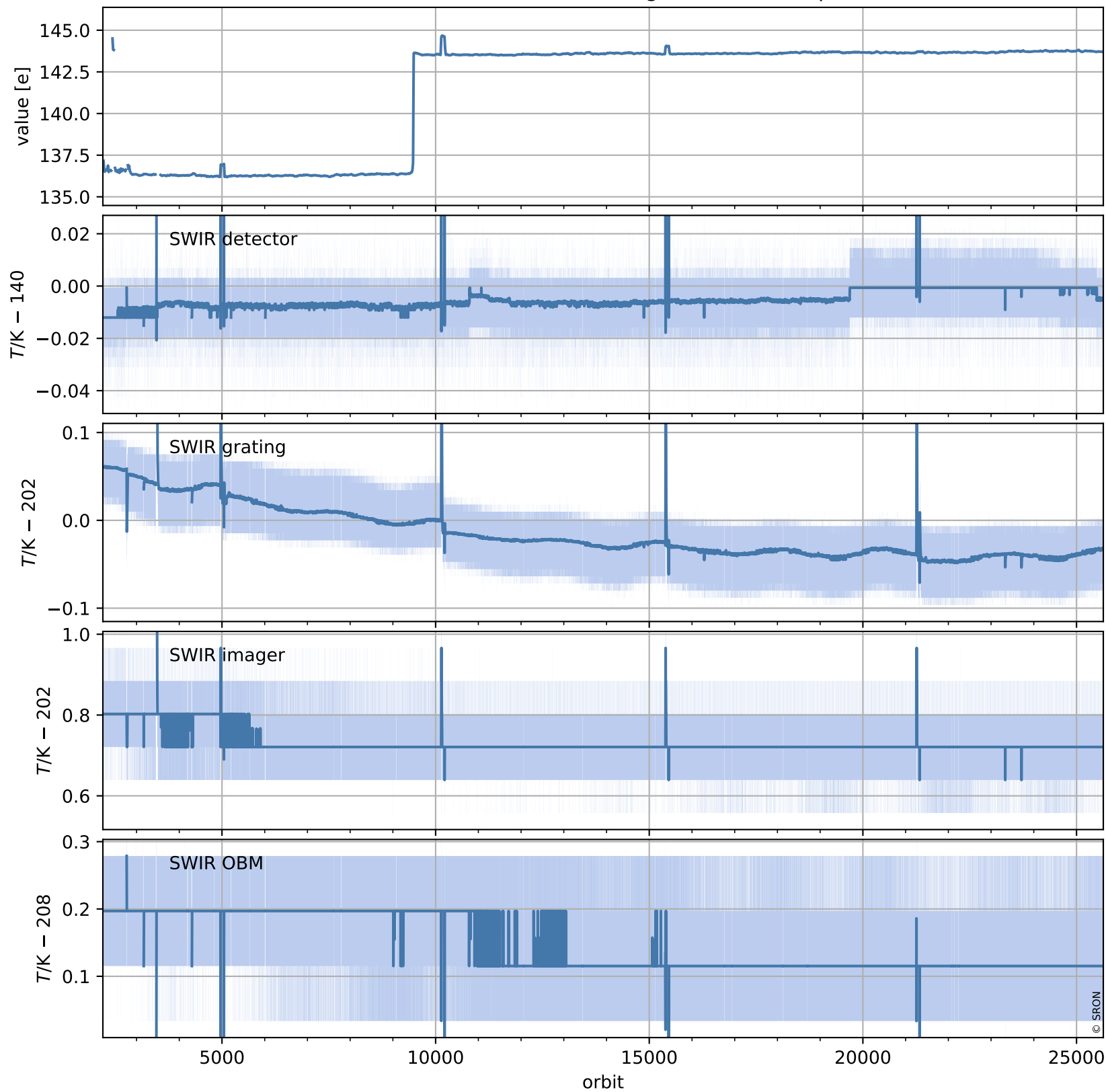
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25627]
coverage : 2018-03-18 / 2022-09-23
created : 2023-08-21T16:44:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25627]
coverage : 2018-03-18 / 2022-09-23
created : 2023-08-21T16:44:07

trend of normalized read-noise & temperatures

