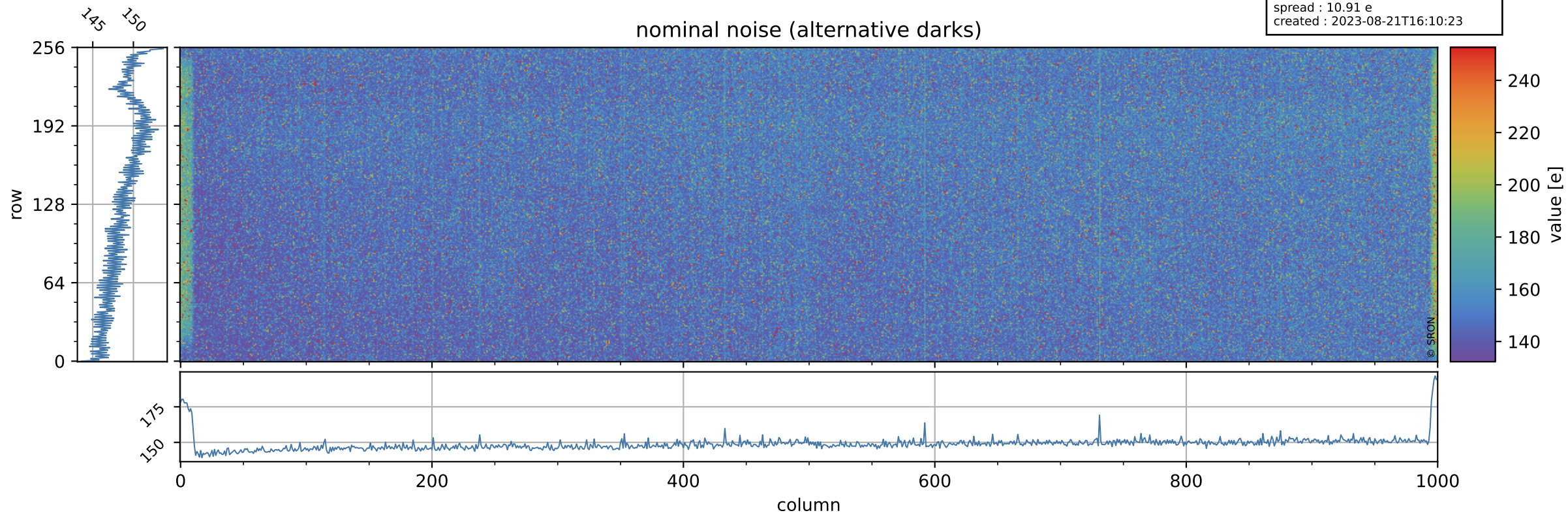


Tropomi SWIR background noise (swir)

orbits : 12 in [20197, 20272]
coverage : 2021-09-05 / 2021-09-10
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.91 e
created : 2023-08-21T16:10:23

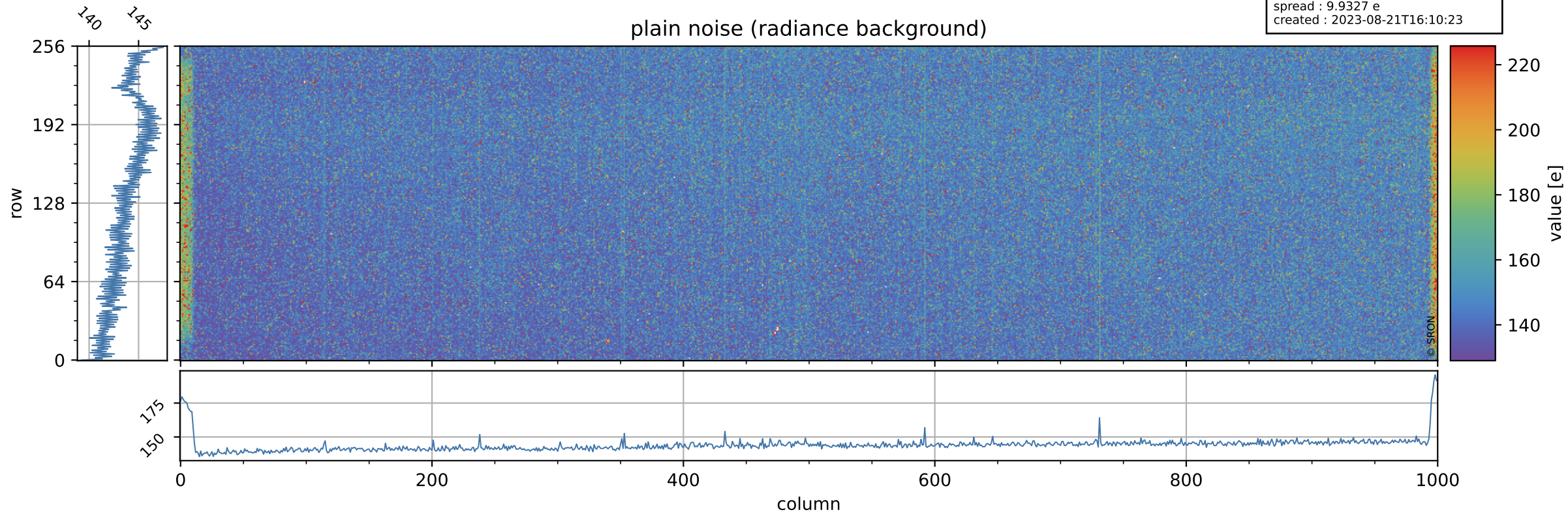
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20197, 20272]
coverage : 2021-09-05 / 2021-09-10
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.9327 e
created : 2023-08-21T16:10:23

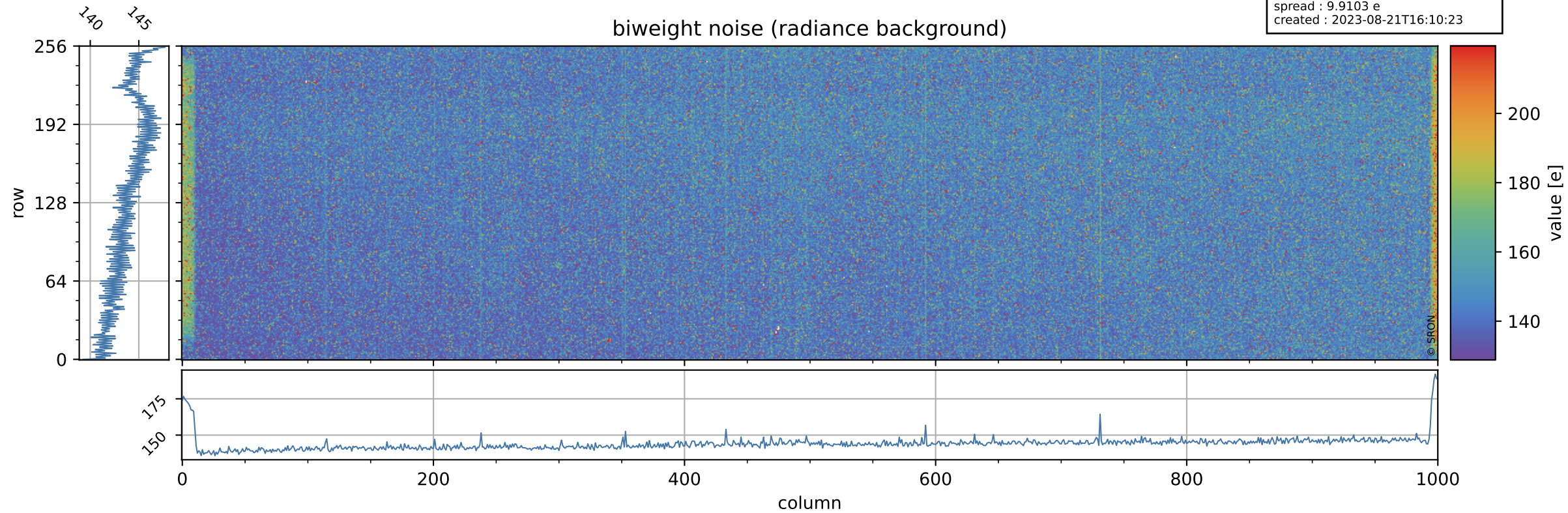
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20197, 20272]
coverage : 2021-09-05 / 2021-09-10
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.9103 e
created : 2023-08-21T16:10:23

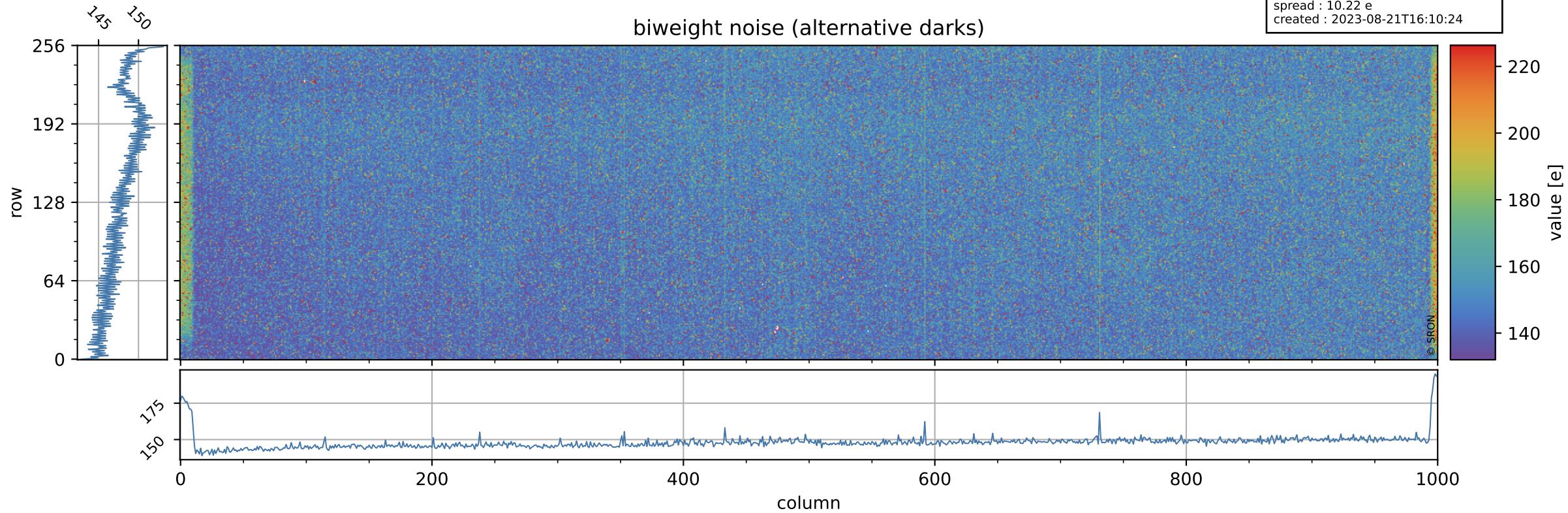
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20197, 20272]
coverage : 2021-09-05 / 2021-09-10
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.22 e
created : 2023-08-21T16:10:24

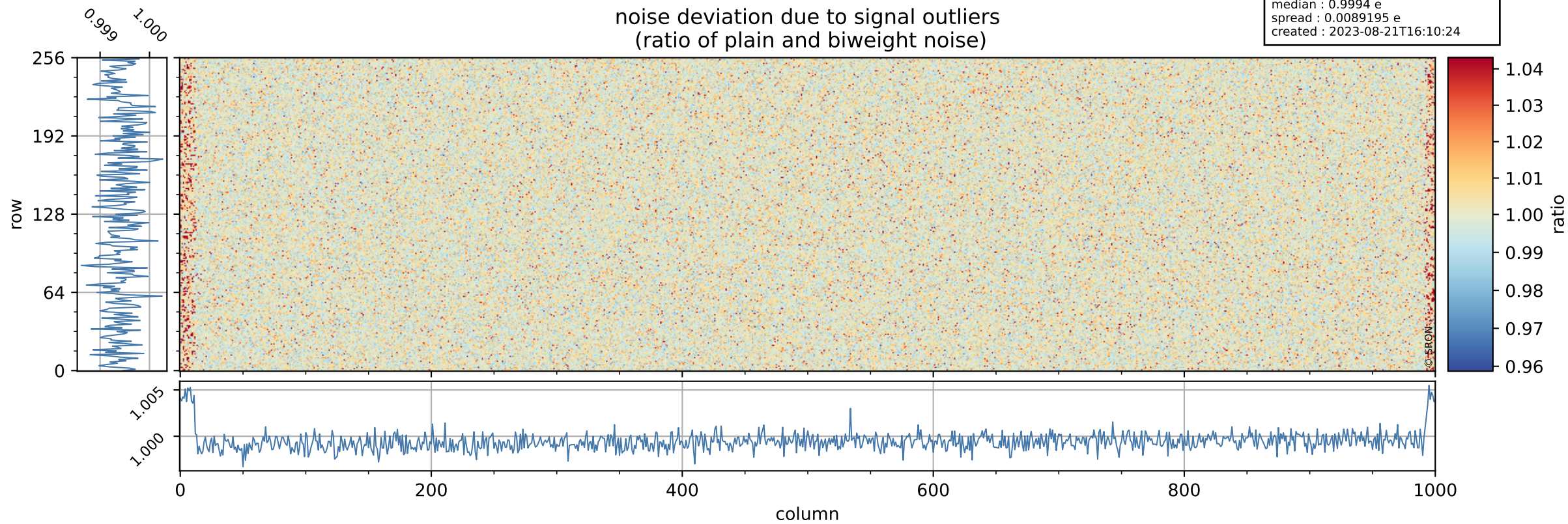
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

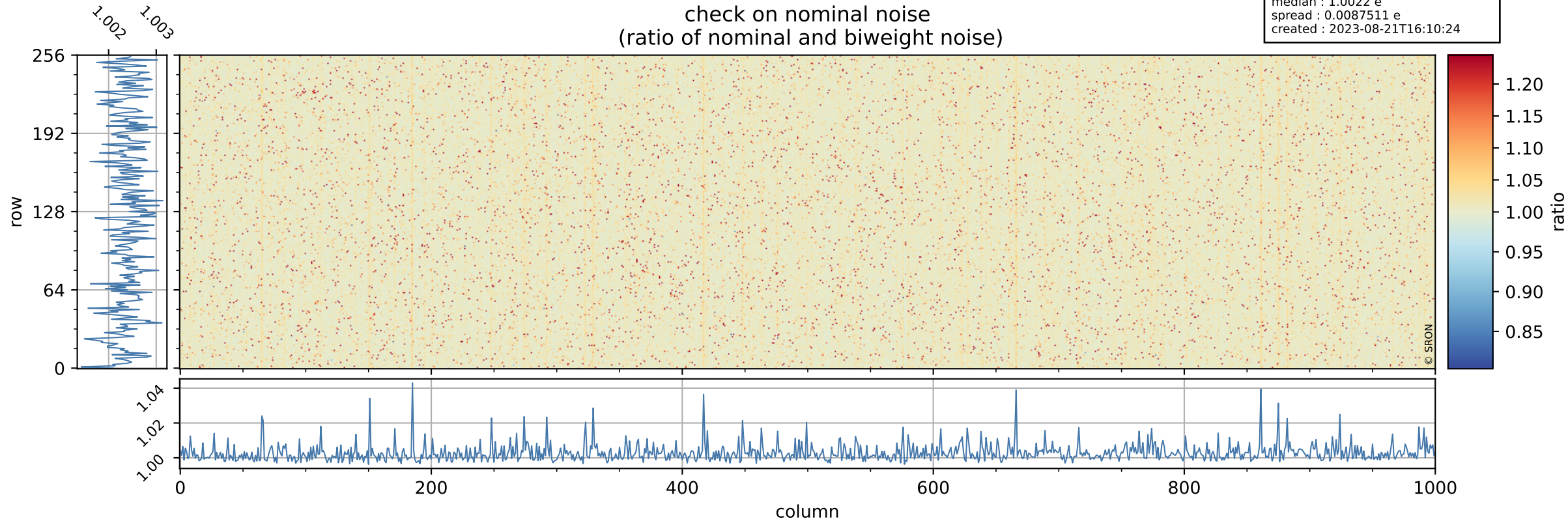
orbits : 12 in [20197, 20272]
coverage : 2021-09-05 / 2021-09-10
median : 0.9994 e
spread : 0.0089195 e
created : 2023-08-21T16:10:24



Tropomi SWIR background noise (swir)

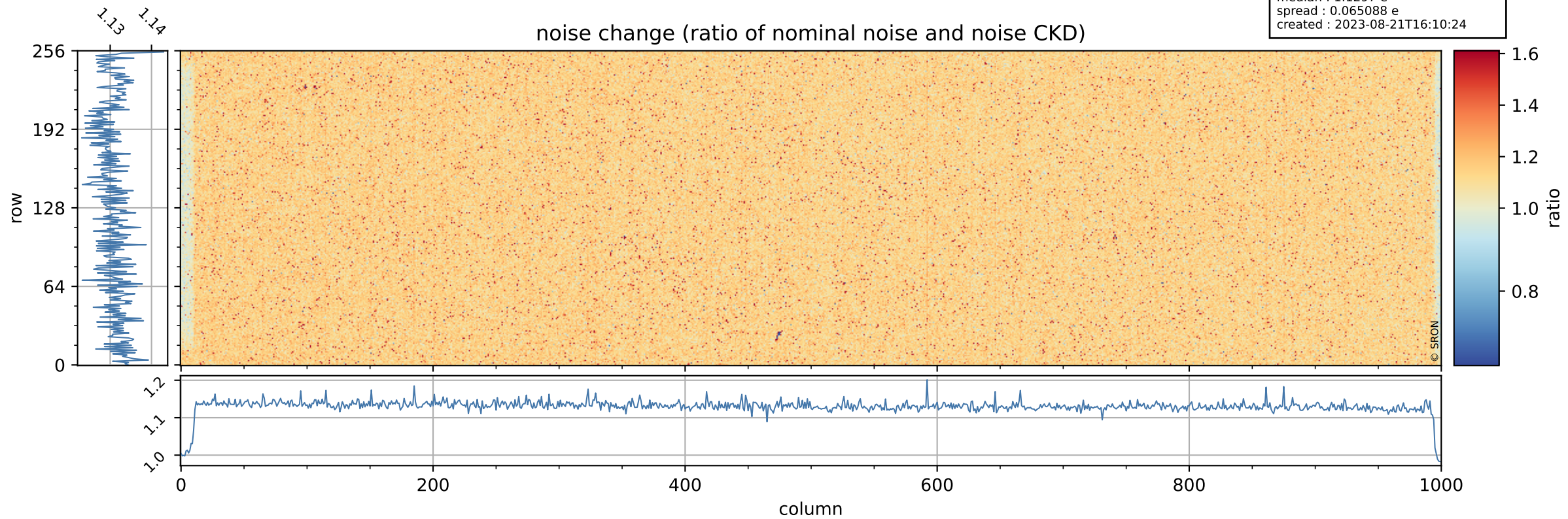
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20197, 20272]
coverage : 2021-09-05 / 2021-09-10
median : 1.0022 e
spread : 0.0087511 e
created : 2023-08-21T16:10:24



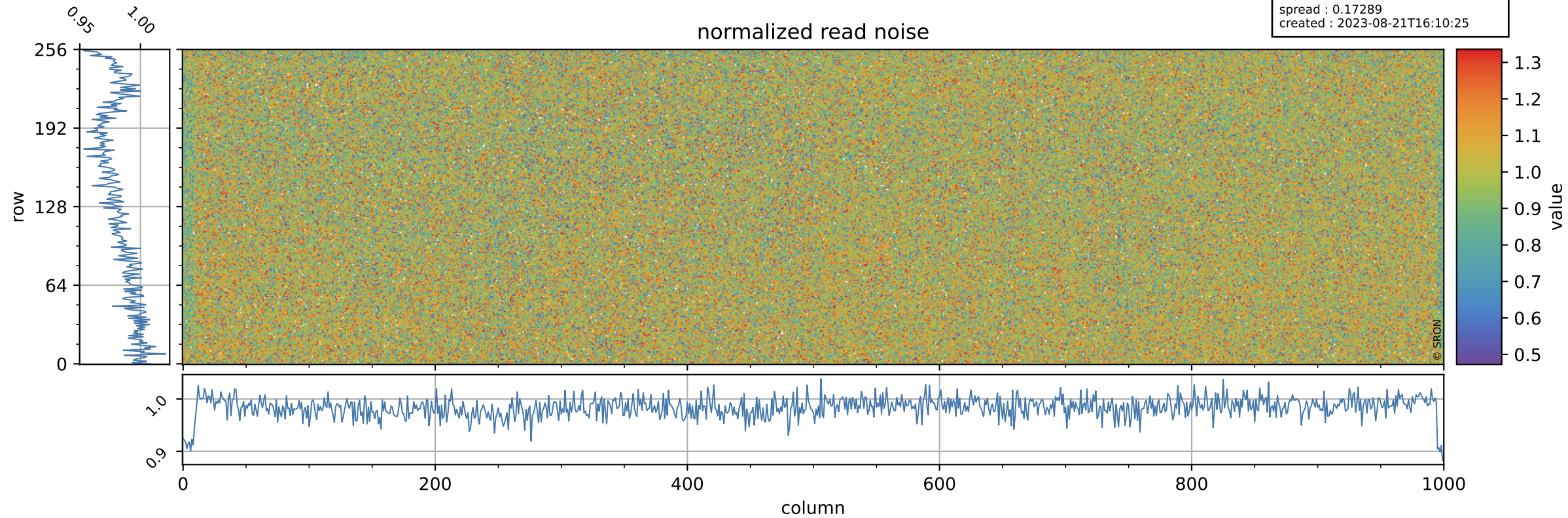
Tropomi SWIR background noise (swir)

orbits : 12 in [20197, 20272]
coverage : 2021-09-05 / 2021-09-10
median : 1.1297 e
spread : 0.065088 e
created : 2023-08-21T16:10:24



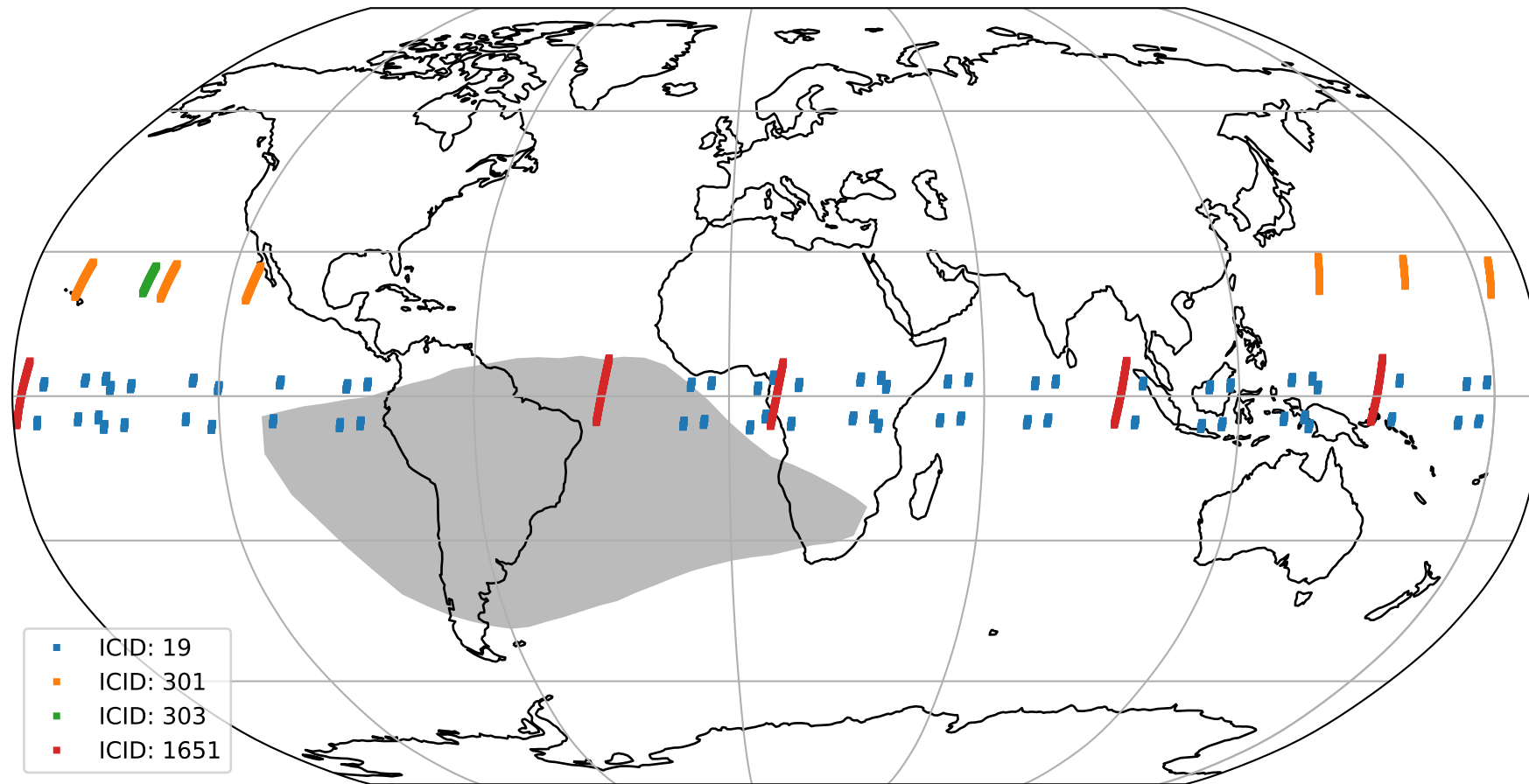
Tropomi SWIR background noise (swir)

orbits : 12 in [20197, 20272]
coverage : 2021-09-05 / 2021-09-10
median : 0.98235
spread : 0.17289
created : 2023-08-21T16:10:25



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

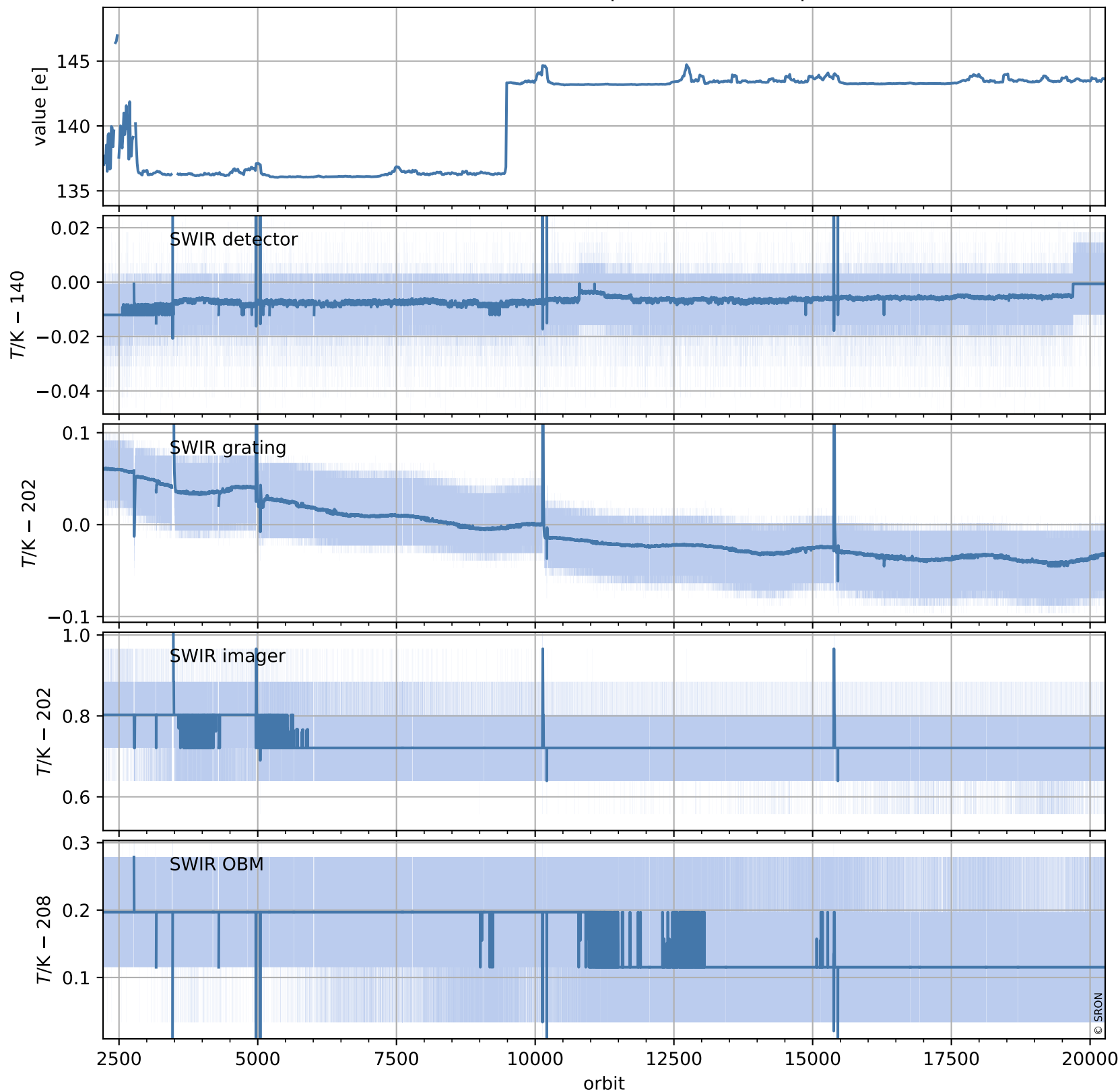
orbits : 12 in [20197, 20272]
coverage : 2021-09-05 / 2021-09-10
created : 2023-08-21T16:10:25



Tropomi SWIR background noise (swir)

orbits : [2212, 20272]
coverage : 2018-03-18 / 2021-09-10
created : 2023-08-21T16:10:26

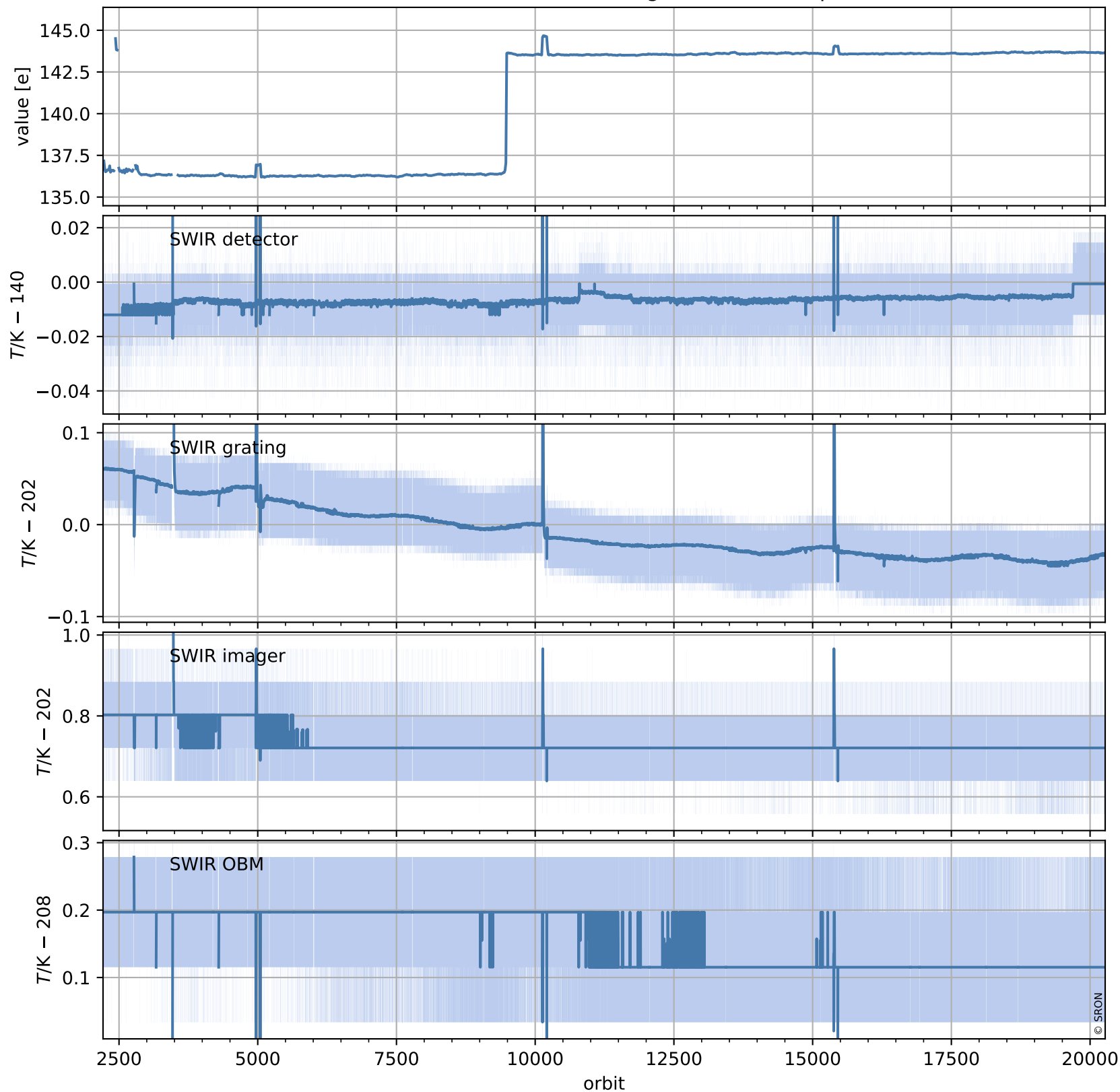
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20272]
coverage : 2018-03-18 / 2021-09-10
created : 2023-08-21T16:10:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20272]
coverage : 2018-03-18 / 2021-09-10
created : 2023-08-21T16:10:27

trend of normalized read-noise & temperatures

