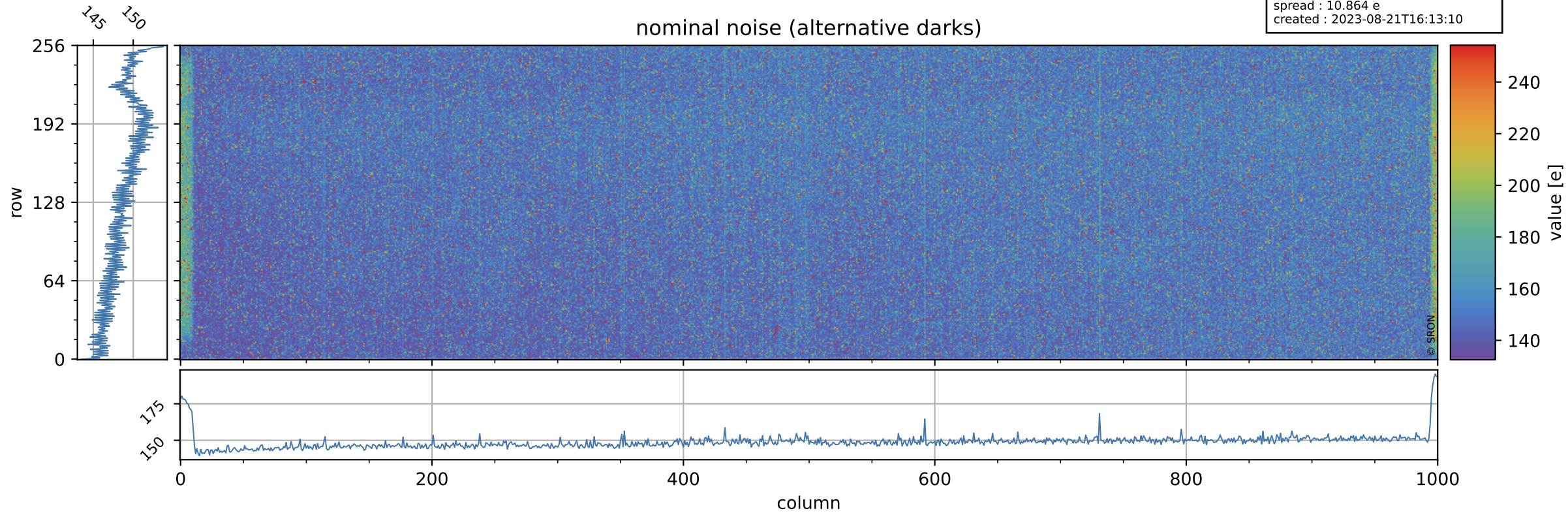


Tropomi SWIR background noise (swir)

orbits : 12 in [20647, 20722]
coverage : 2021-10-07 / 2021-10-12
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.864 e
created : 2023-08-21T16:13:10

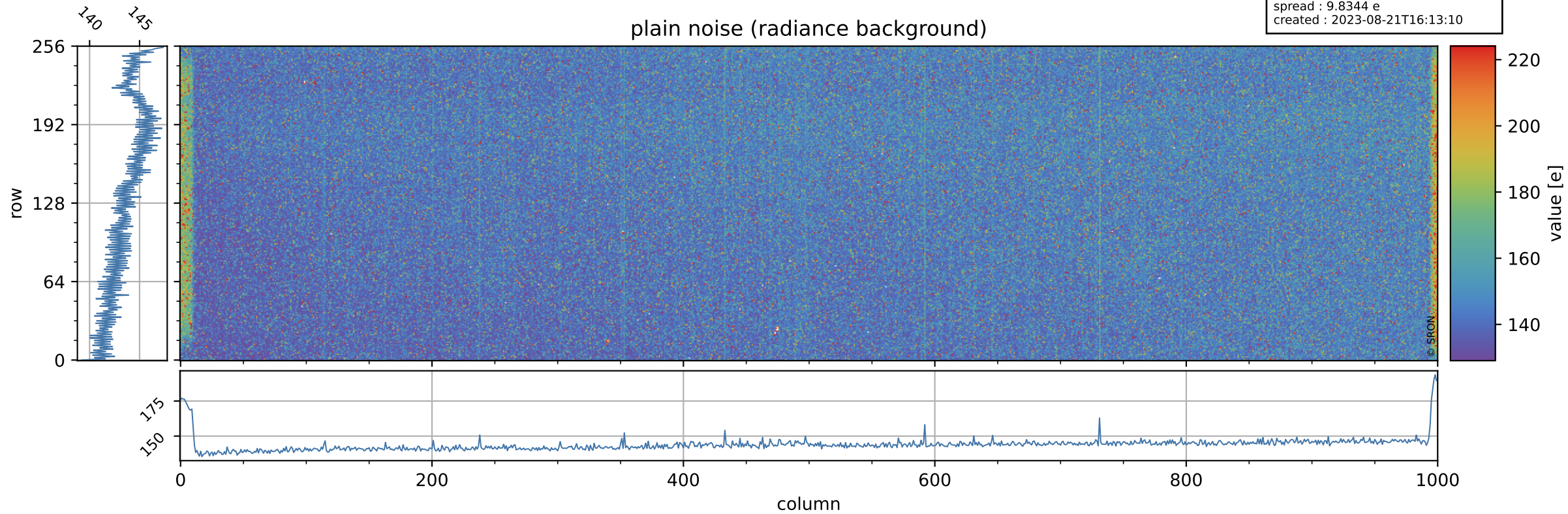
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20647, 20722]
coverage : 2021-10-07 / 2021-10-12
n_coad, t_exp : 1, 0.8383
median : 143.59 e
spread : 9.8344 e
created : 2023-08-21T16:13:10

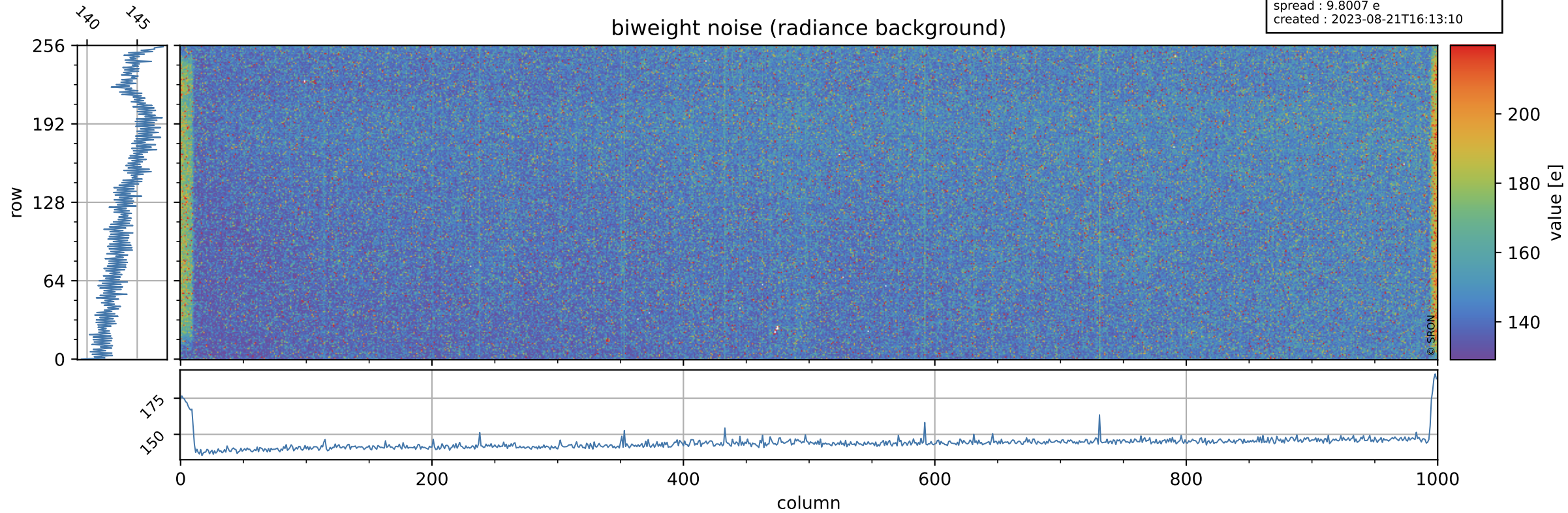
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20647, 20722]
coverage : 2021-10-07 / 2021-10-12
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.8007 e
created : 2023-08-21T16:13:10

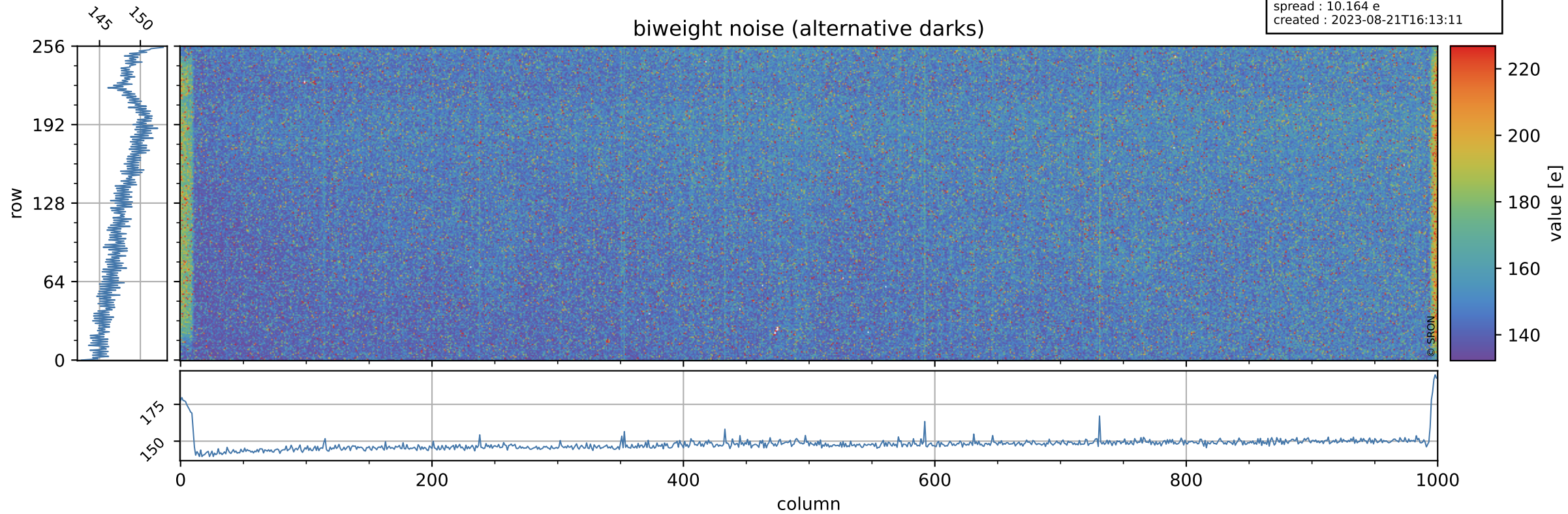
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20647, 20722]
coverage : 2021-10-07 / 2021-10-12
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.164 e
created : 2023-08-21T16:13:11

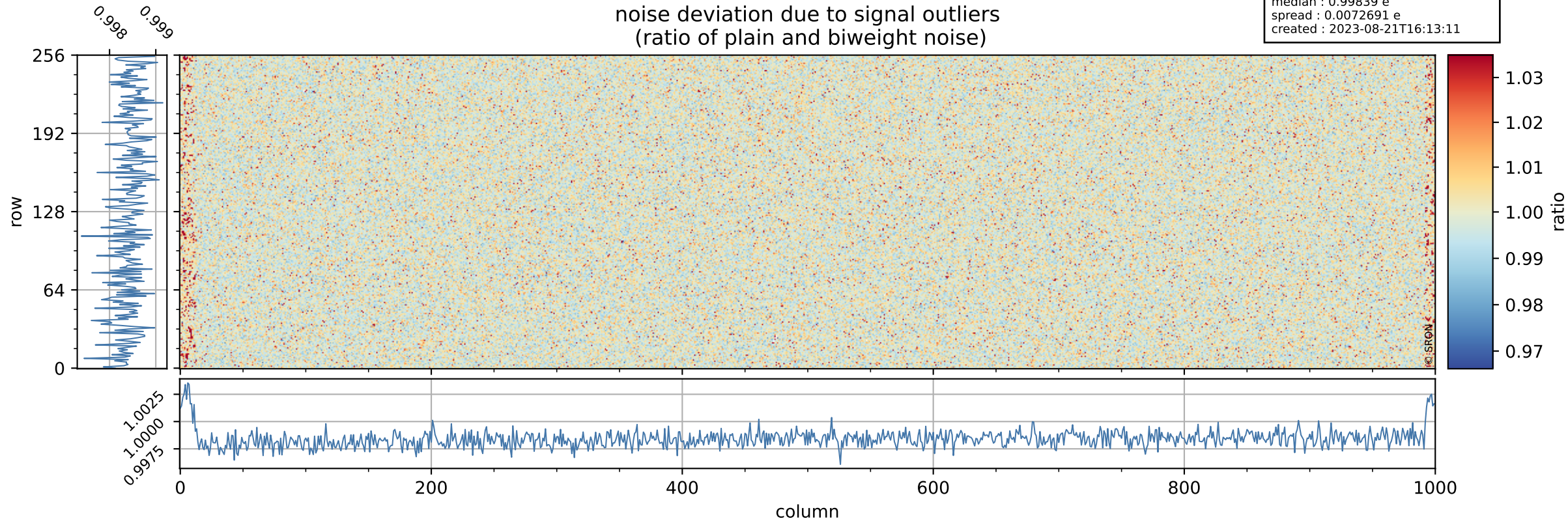
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

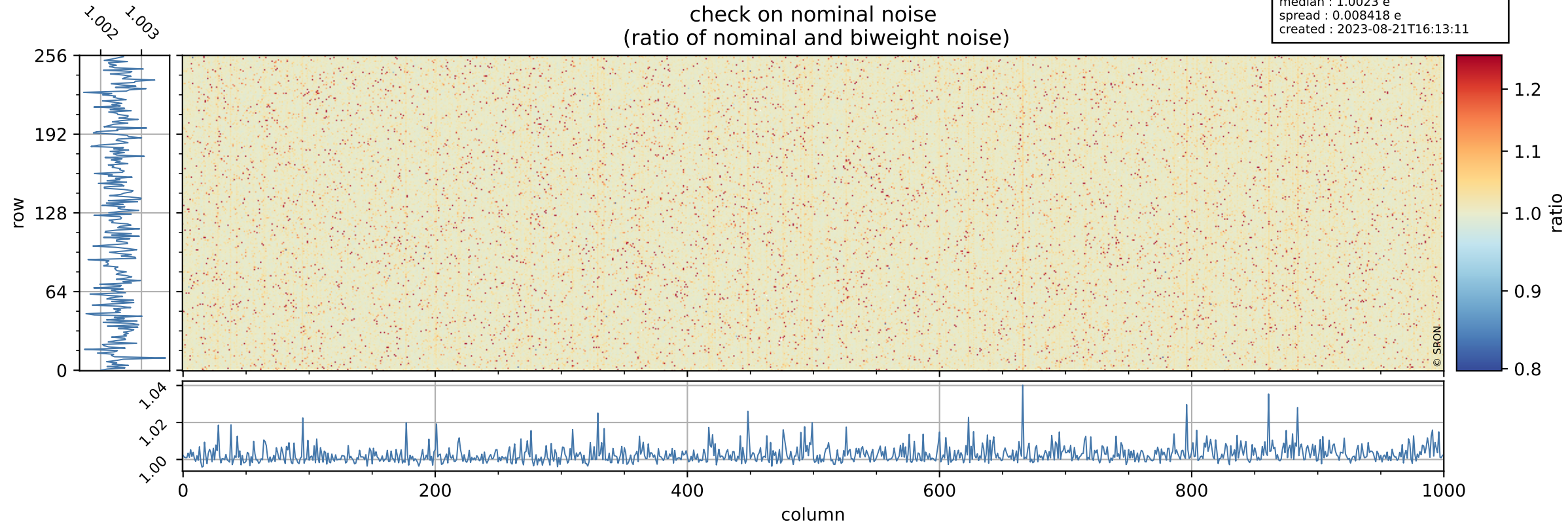
orbits : 12 in [20647, 20722]
coverage : 2021-10-07 / 2021-10-12
median : 0.99839 e
spread : 0.0072691 e
created : 2023-08-21T16:13:11



Tropomi SWIR background noise (swir)

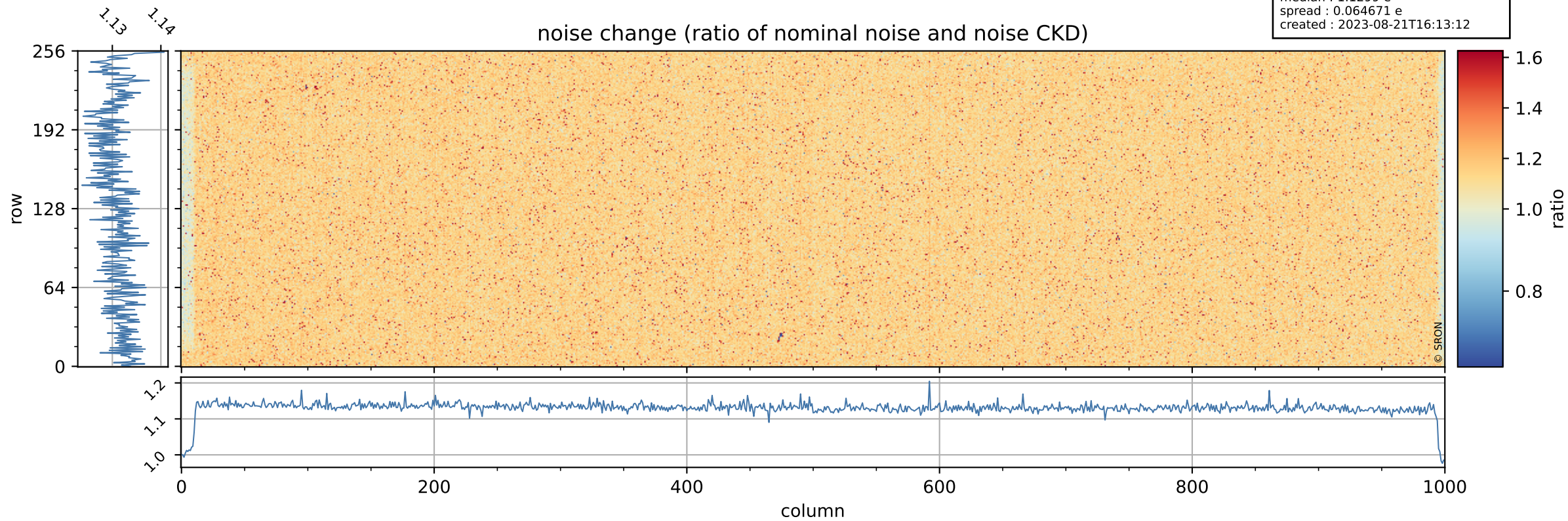
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20647, 20722]
coverage : 2021-10-07 / 2021-10-12
median : 1.0023 e
spread : 0.008418 e
created : 2023-08-21T16:13:11



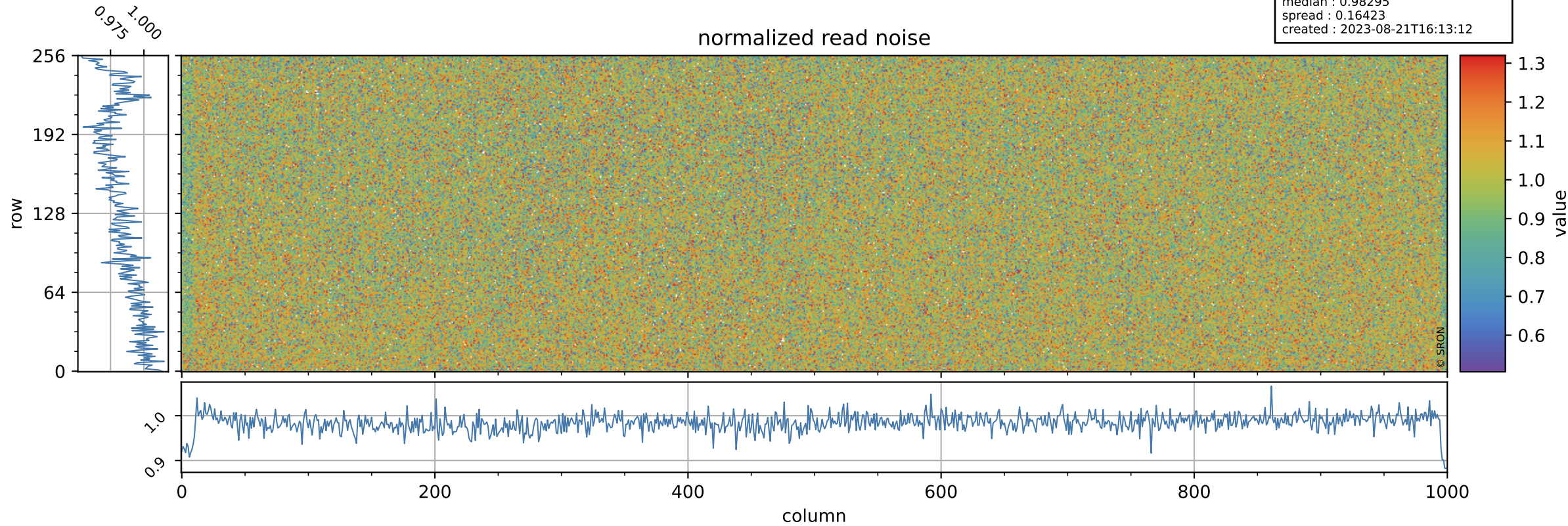
Tropomi SWIR background noise (swir)

orbits : 12 in [20647, 20722]
coverage : 2021-10-07 / 2021-10-12
median : 1.1299 e
spread : 0.064671 e
created : 2023-08-21T16:13:12



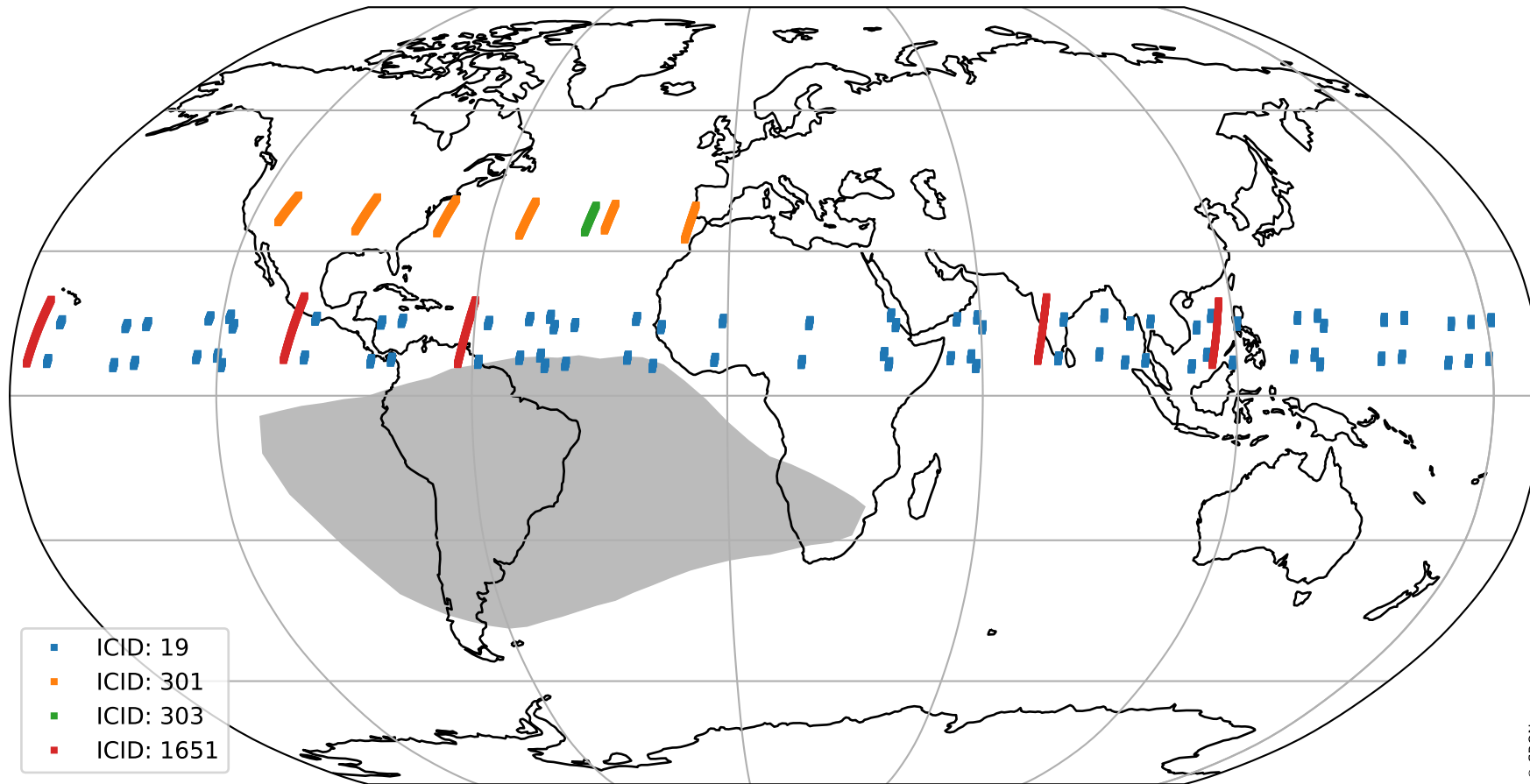
Tropomi SWIR background noise (swir)

orbits : 12 in [20647, 20722]
coverage : 2021-10-07 / 2021-10-12
median : 0.98295
spread : 0.16423
created : 2023-08-21T16:13:12



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

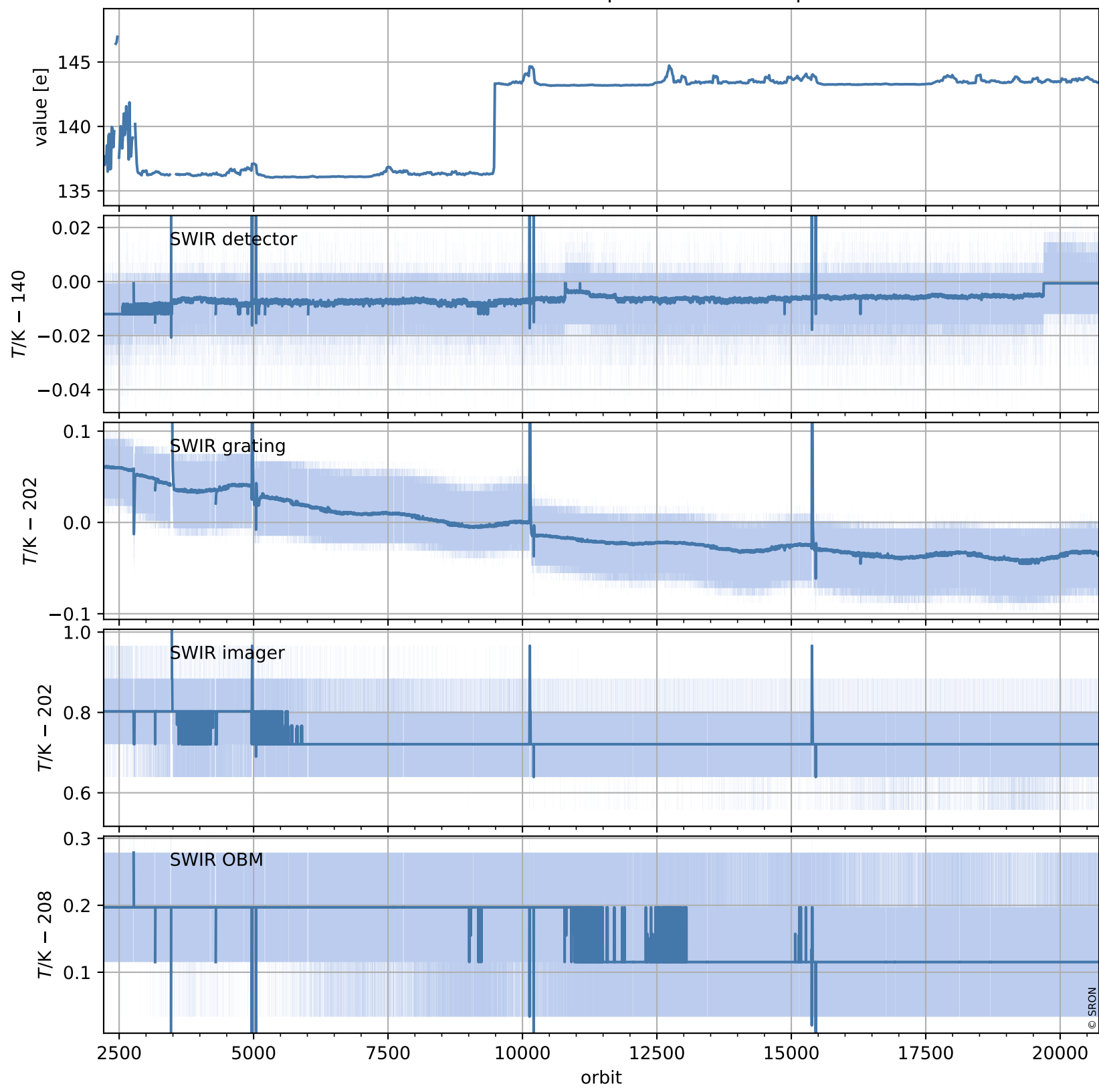
orbits : 12 in [20647, 20722]
coverage : 2021-10-07 / 2021-10-12
created : 2023-08-21T16:13:12



Tropomi SWIR background noise (swir)

orbits : [2212, 20722]
coverage : 2018-03-18 / 2021-10-12
created : 2023-08-21T16:13:13

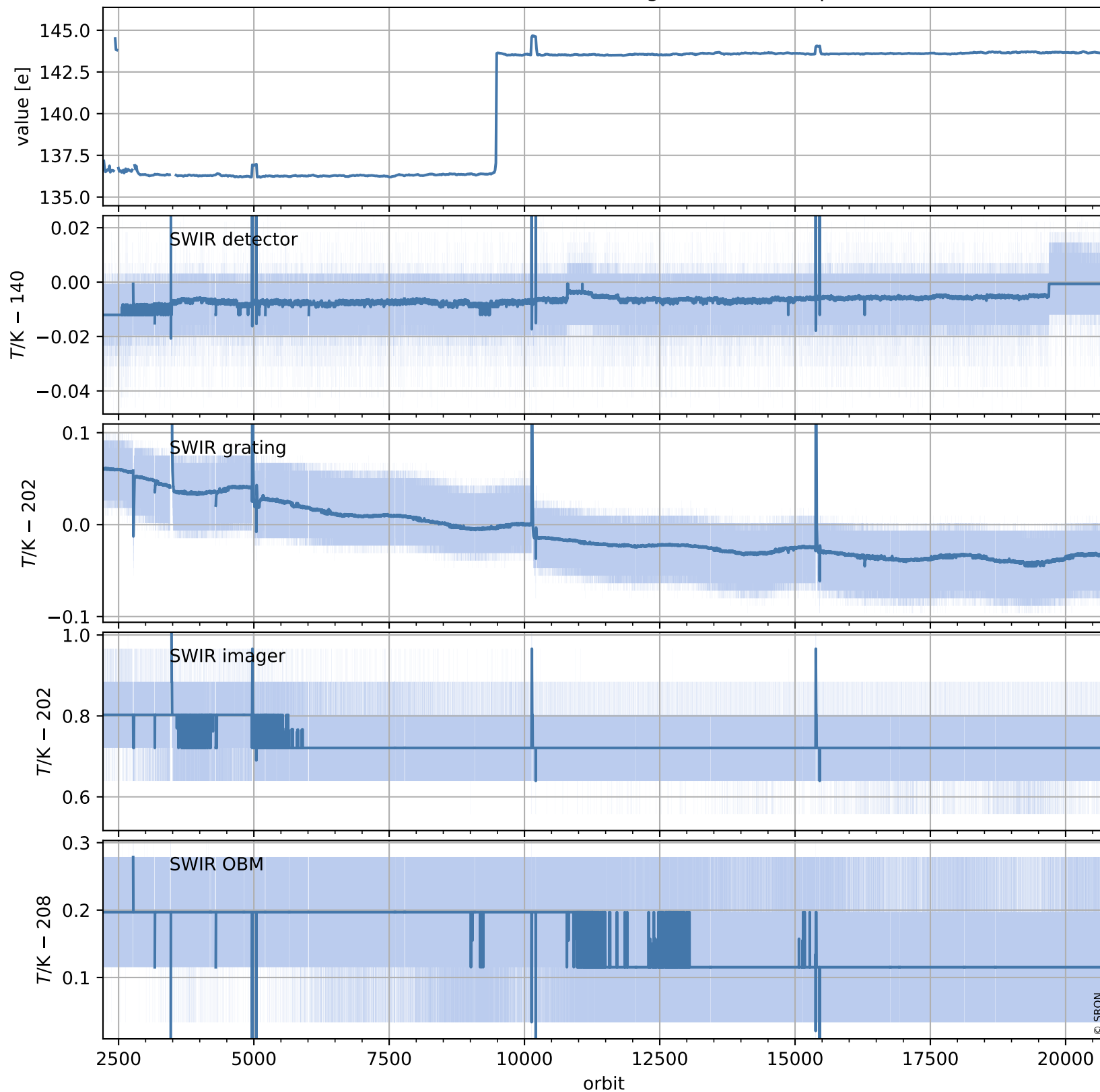
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20722]
coverage : 2018-03-18 / 2021-10-12
created : 2023-08-21T16:13:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20722]
coverage : 2018-03-18 / 2021-10-12
created : 2023-08-21T16:13:14

trend of normalized read-noise & temperatures

