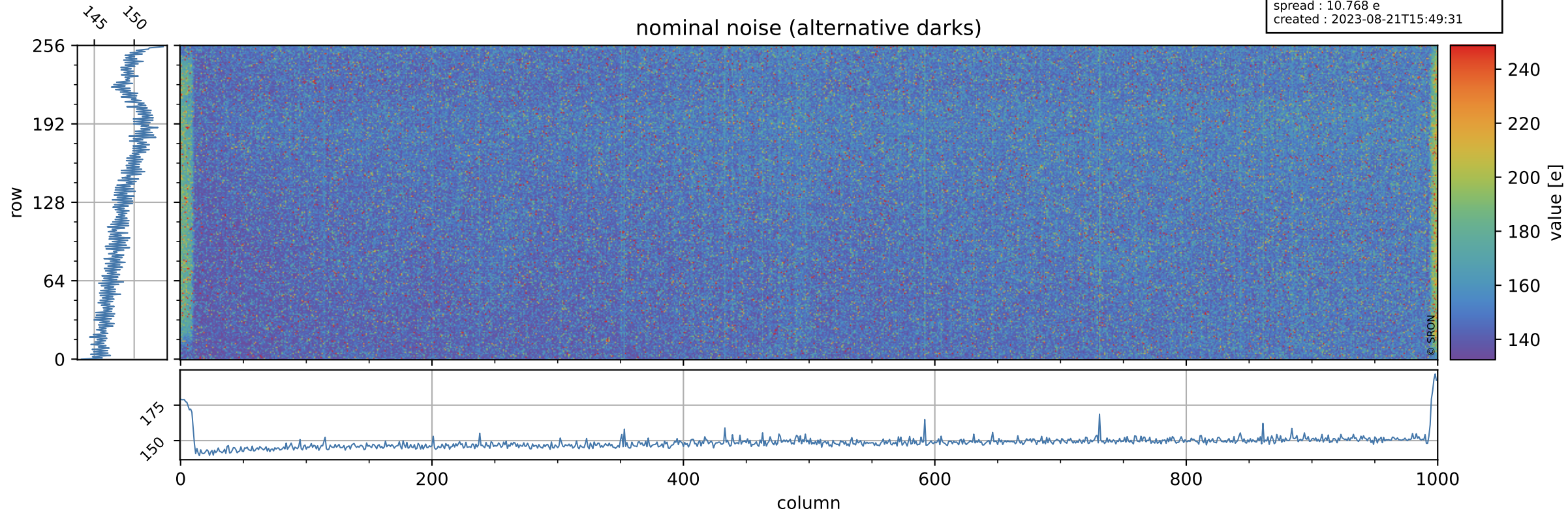


Tropomi SWIR background noise (swir)

orbits : 12 in [16687, 16762]
coverage : 2020-12-31 / 2021-01-06
n_coad, t_exp : 1, 1.0783
median : 148.56 e
spread : 10.768 e
created : 2023-08-21T15:49:31

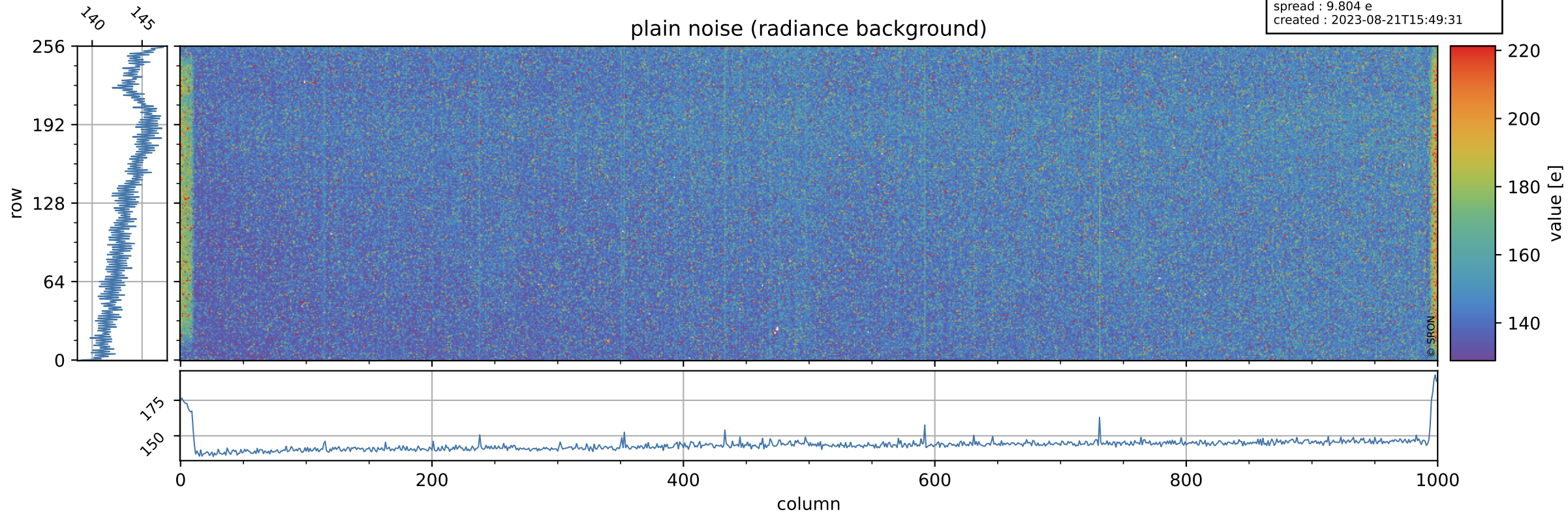
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16687, 16762]
coverage : 2020-12-31 / 2021-01-06
n_coad, t_exp : 1, 0.8383
median : 143.45 e
spread : 9.804 e
created : 2023-08-21T15:49:31

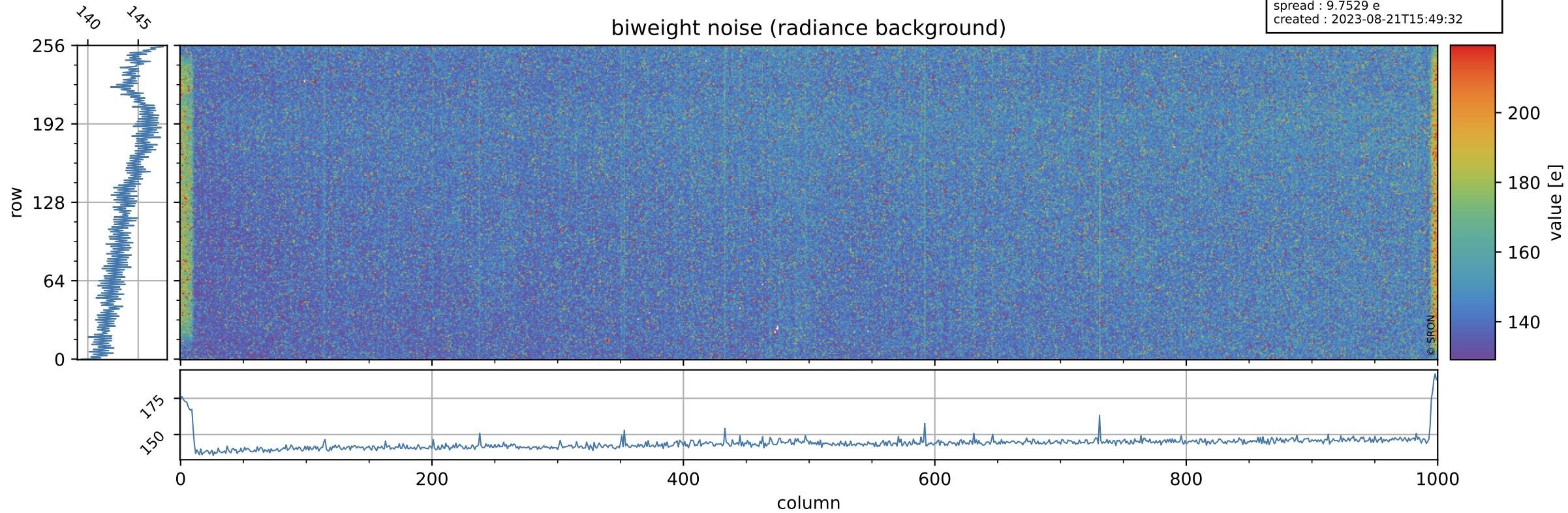
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16687, 16762]
coverage : 2020-12-31 / 2021-01-06
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.7529 e
created : 2023-08-21T15:49:32

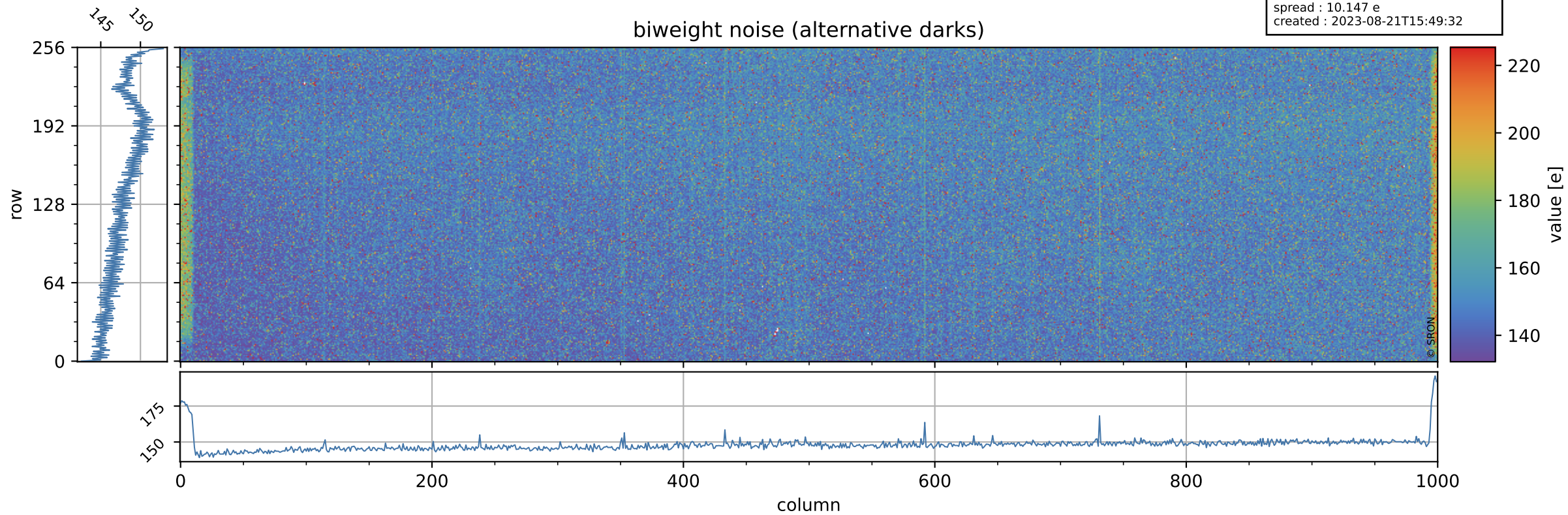
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16687, 16762]
coverage : 2020-12-31 / 2021-01-06
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.147 e
created : 2023-08-21T15:49:32

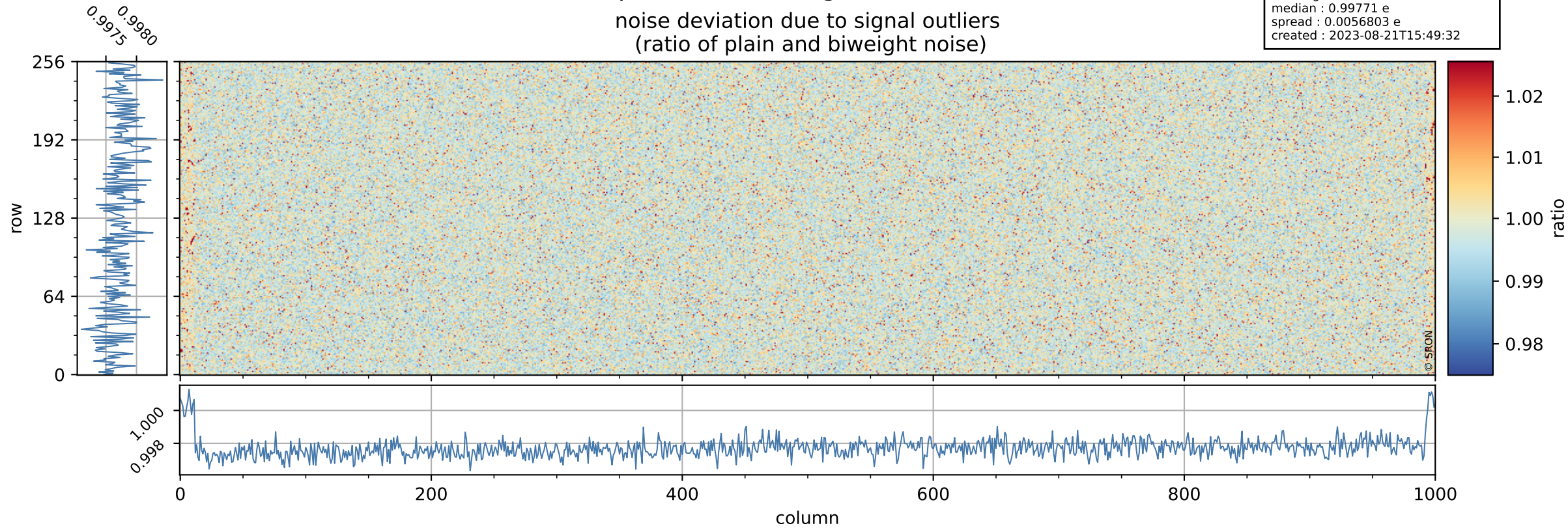
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

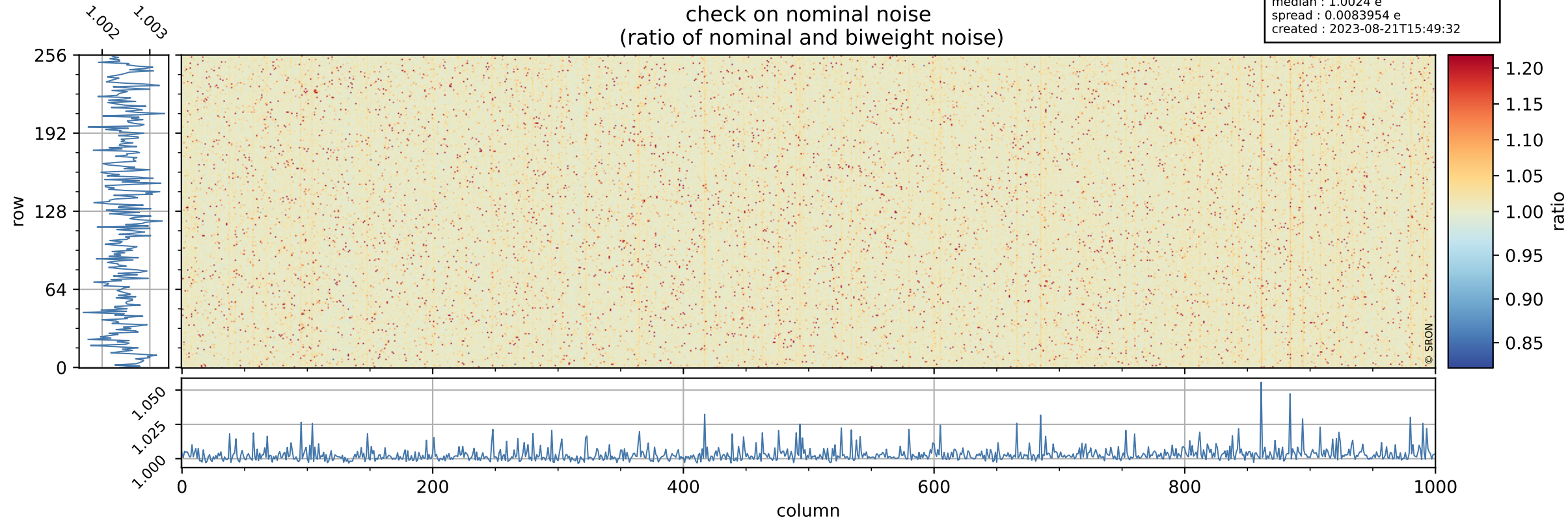
orbits : 12 in [16687, 16762]
coverage : 2020-12-31 / 2021-01-06
median : 0.99771 e
spread : 0.0056803 e
created : 2023-08-21T15:49:32



Tropomi SWIR background noise (swir)

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

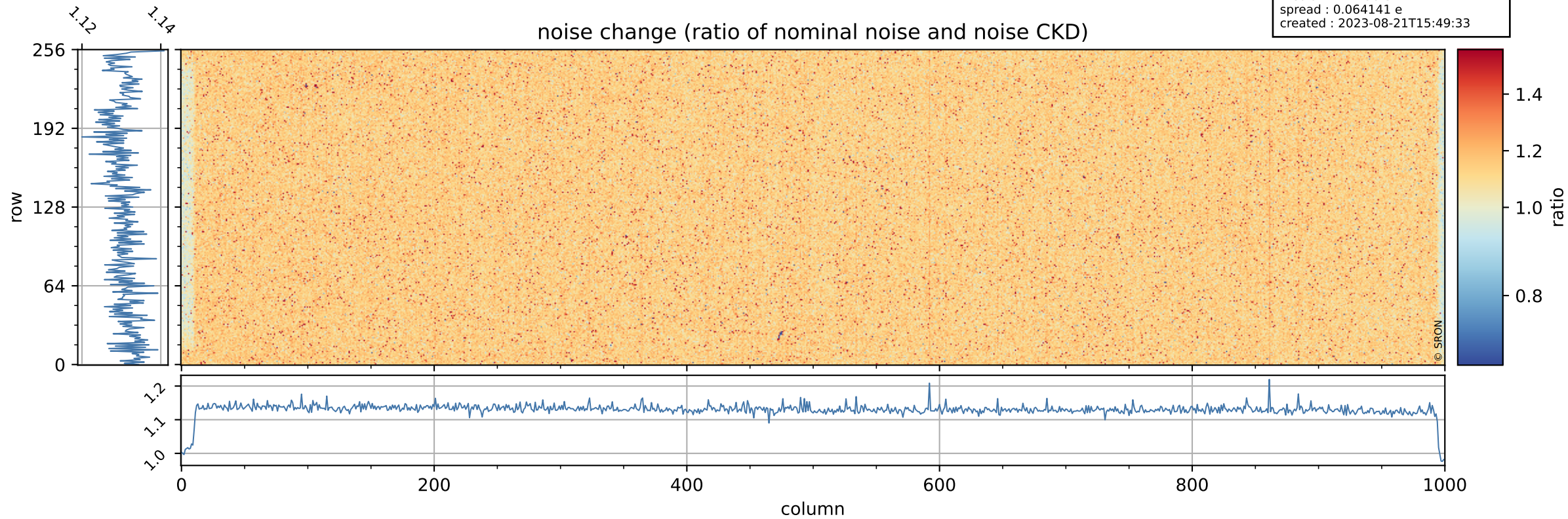
orbits : 12 in [16687, 16762]
coverage : 2020-12-31 / 2021-01-06
median : 1.0024 e
spread : 0.0083954 e
created : 2023-08-21T15:49:32



Tropomi SWIR background noise (swir)

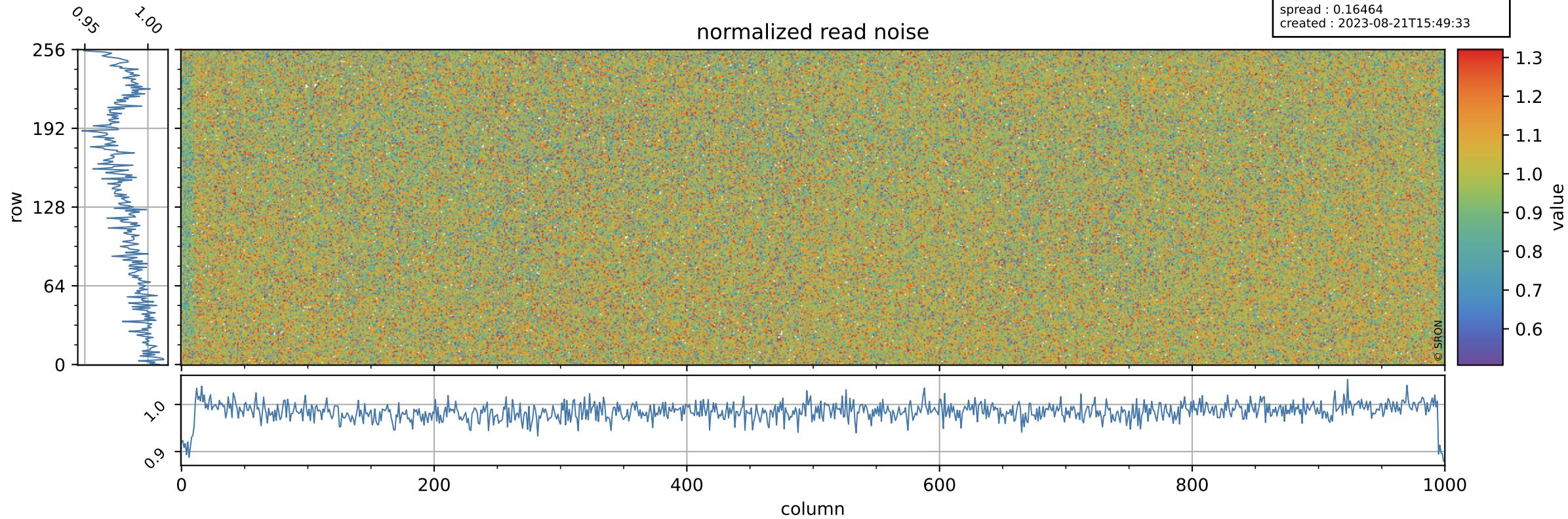
orbits : 12 in [16687, 16762]
coverage : 2020-12-31 / 2021-01-06
median : 1.1296 e
spread : 0.064141 e
created : 2023-08-21T15:49:33

noise change (ratio of nominal noise and noise CKD)



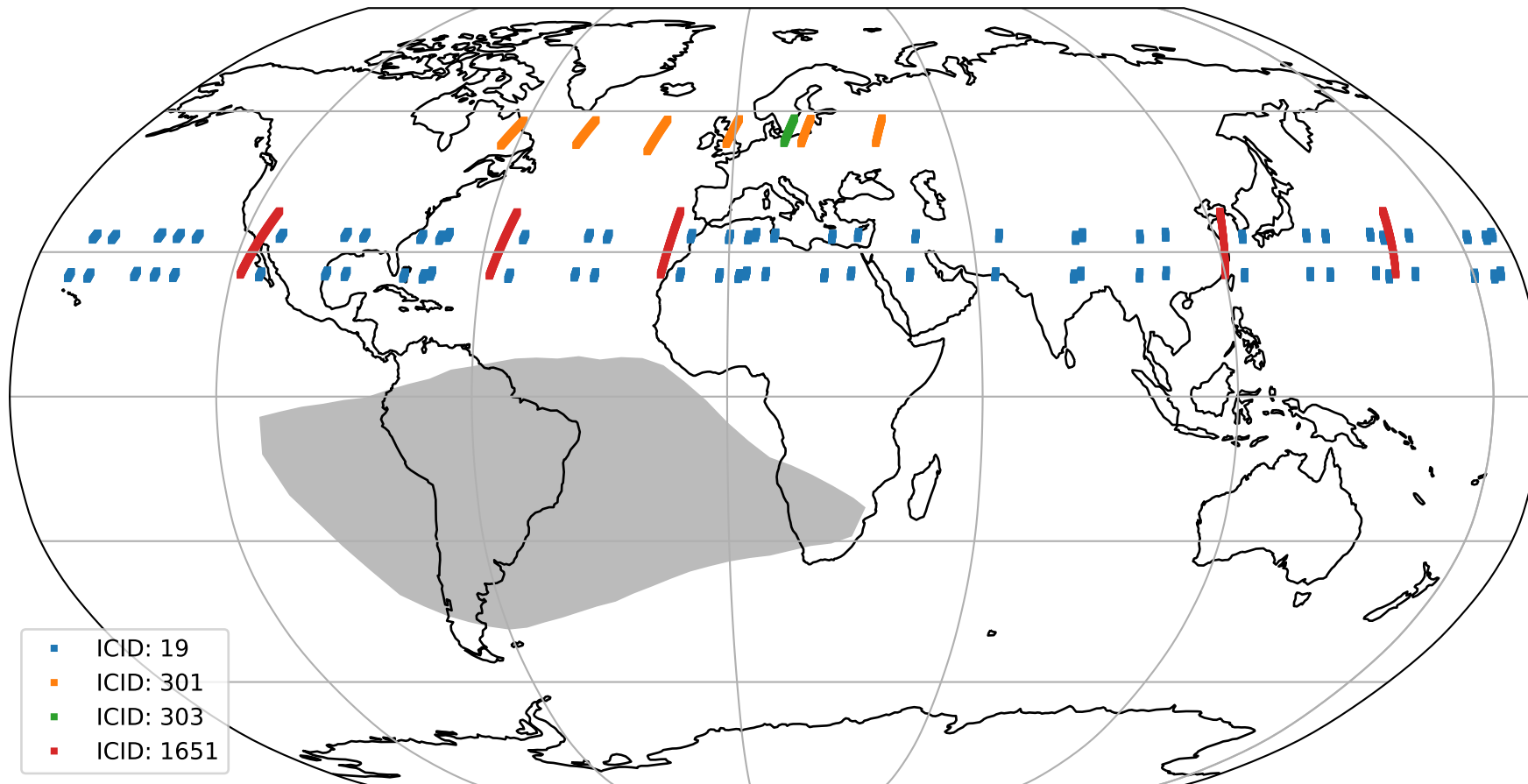
Tropomi SWIR background noise (swir)

orbits : 12 in [16687, 16762]
coverage : 2020-12-31 / 2021-01-06
median : 0.98327
spread : 0.16464
created : 2023-08-21T15:49:33



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

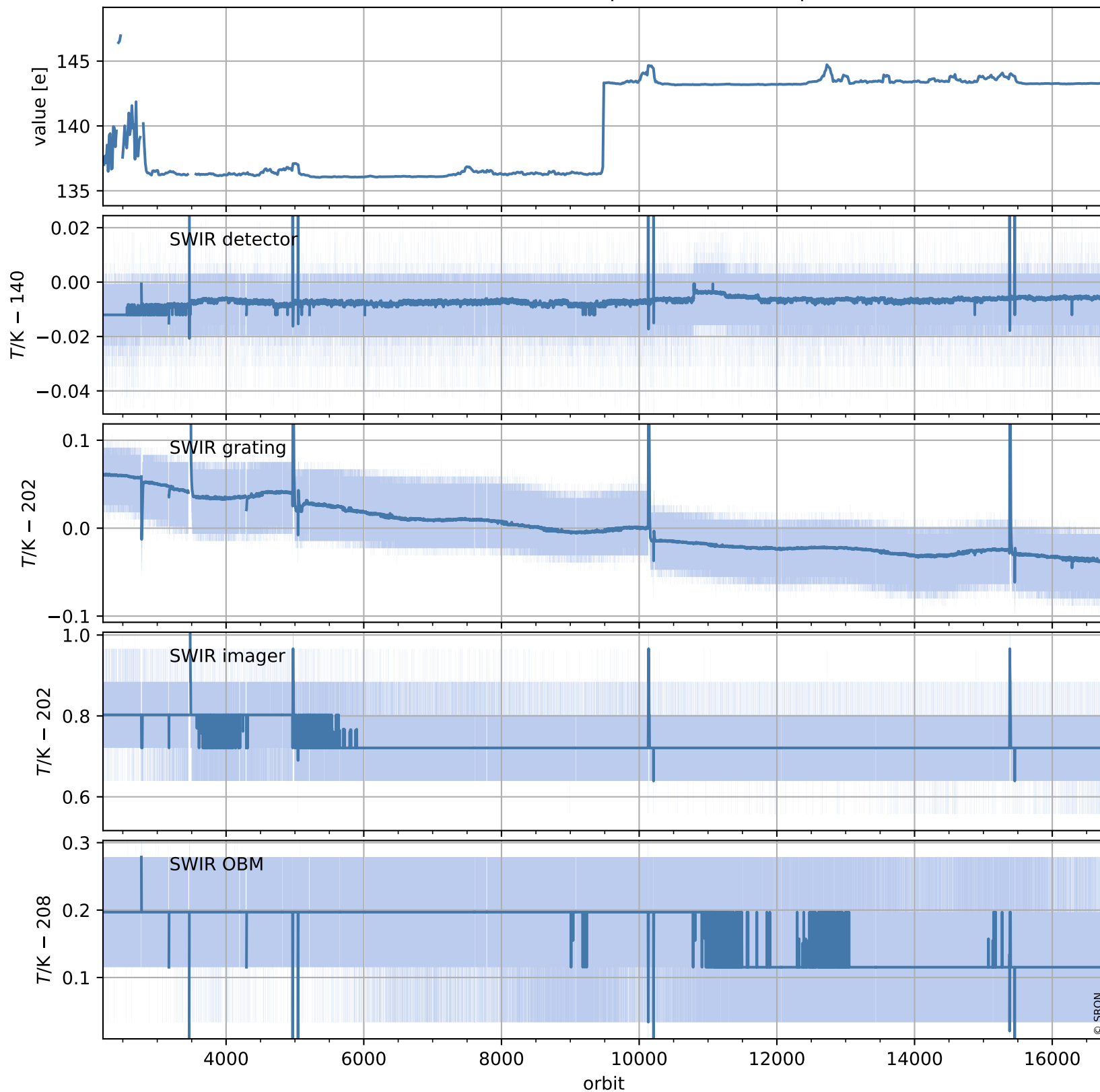
orbits : 12 in [16687, 16762]
coverage : 2020-12-31 / 2021-01-06
created : 2023-08-21T15:49:34



Tropomi SWIR background noise (swir)

orbits : [2212, 16762]
coverage : 2018-03-18 / 2021-01-06
created : 2023-08-21T15:49:34

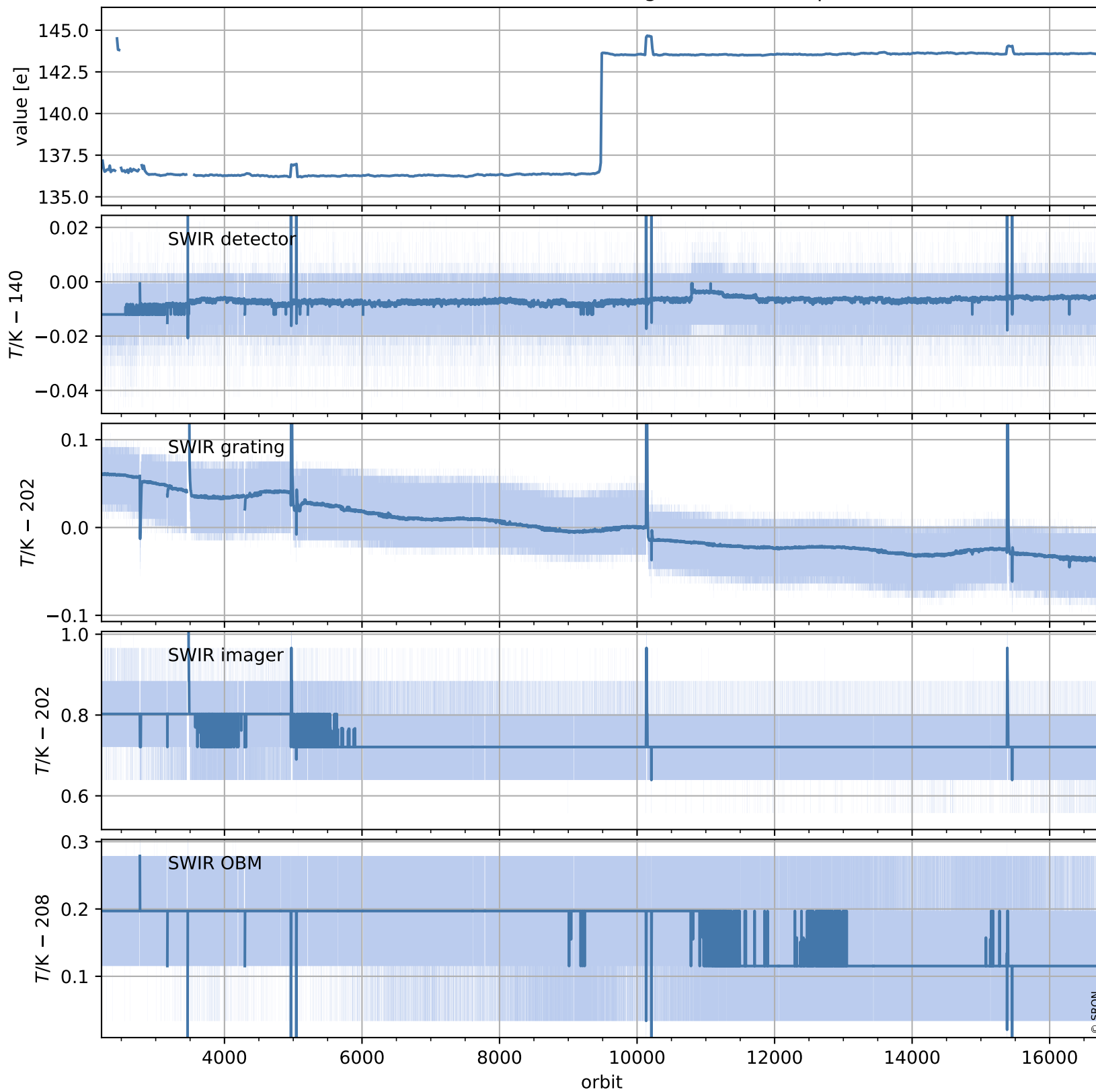
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16762]
coverage : 2018-03-18 / 2021-01-06
created : 2023-08-21T15:49:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16762]
coverage : 2018-03-18 / 2021-01-06
created : 2023-08-21T15:49:35

trend of normalized read-noise & temperatures

