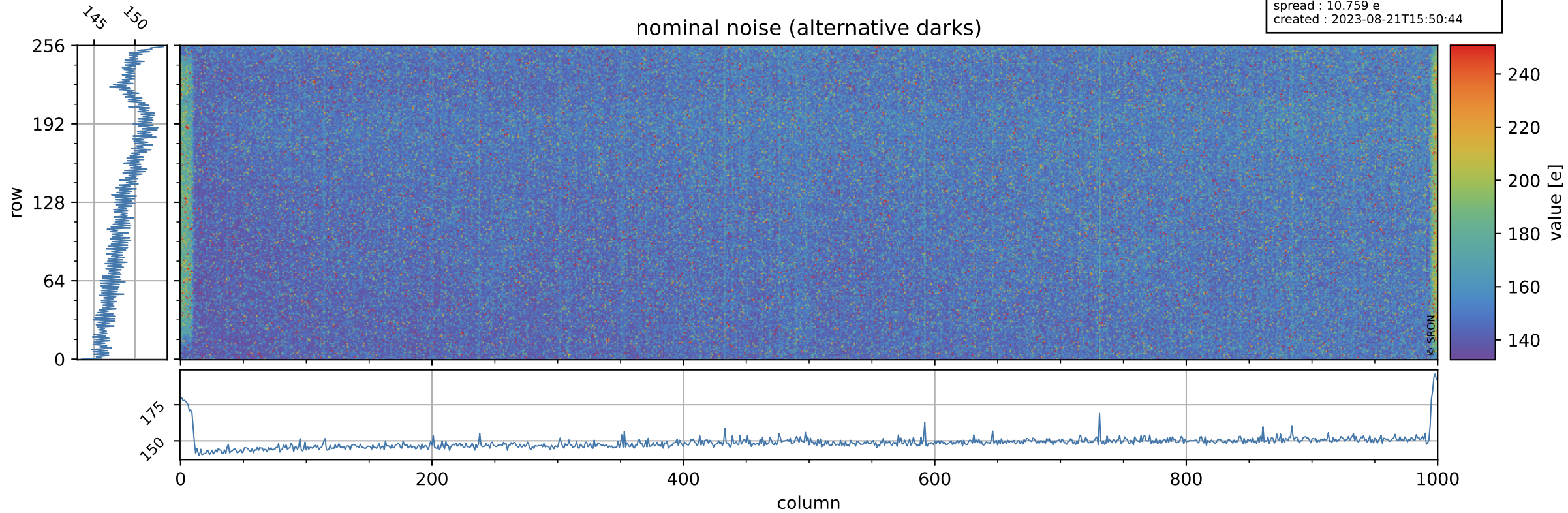


Tropomi SWIR background noise (swir)

orbits : 12 in [16882, 16972]
coverage : 2021-01-15 / 2021-01-21
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.759 e
created : 2023-08-21T15:50:44

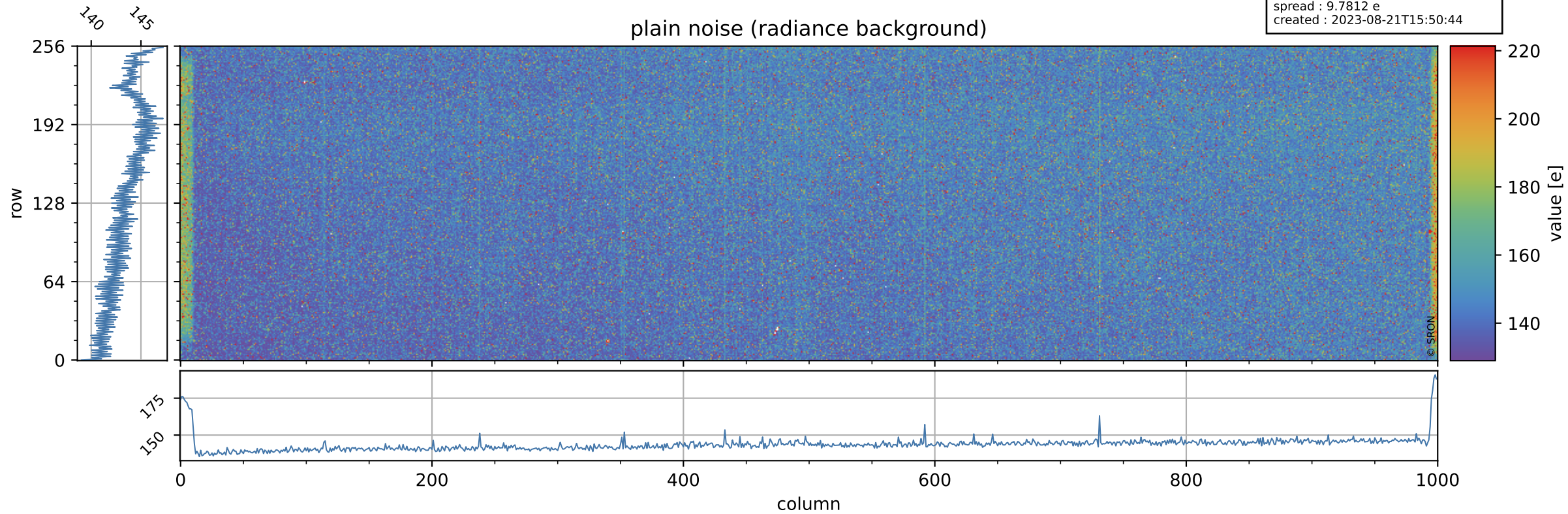
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16882, 16972]
coverage : 2021-01-15 / 2021-01-21
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.7812 e
created : 2023-08-21T15:50:44

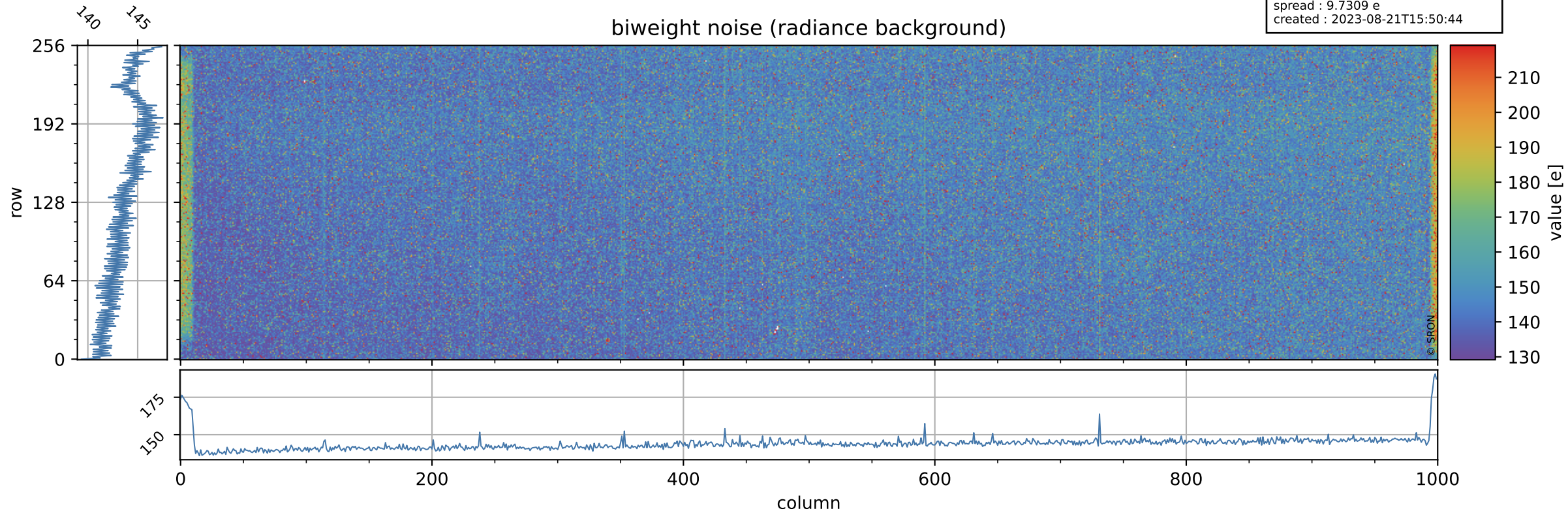
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16882, 16972]
coverage : 2021-01-15 / 2021-01-21
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.7309 e
created : 2023-08-21T15:50:44

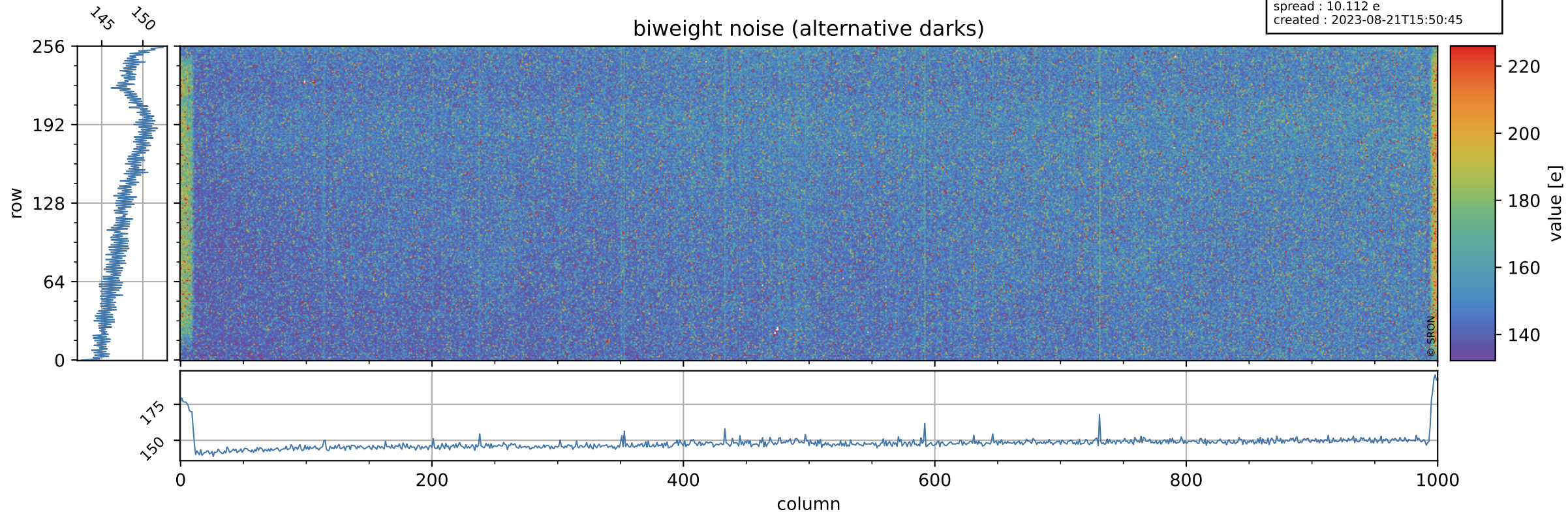
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16882, 16972]
coverage : 2021-01-15 / 2021-01-21
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.112 e
created : 2023-08-21T15:50:45

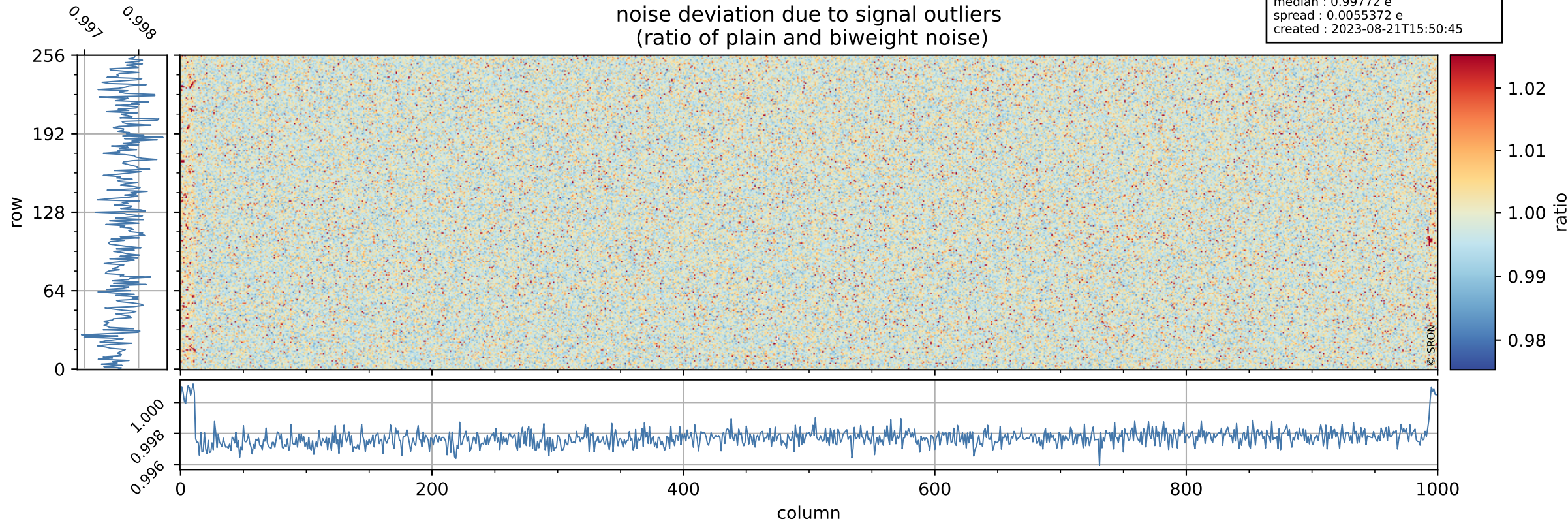
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

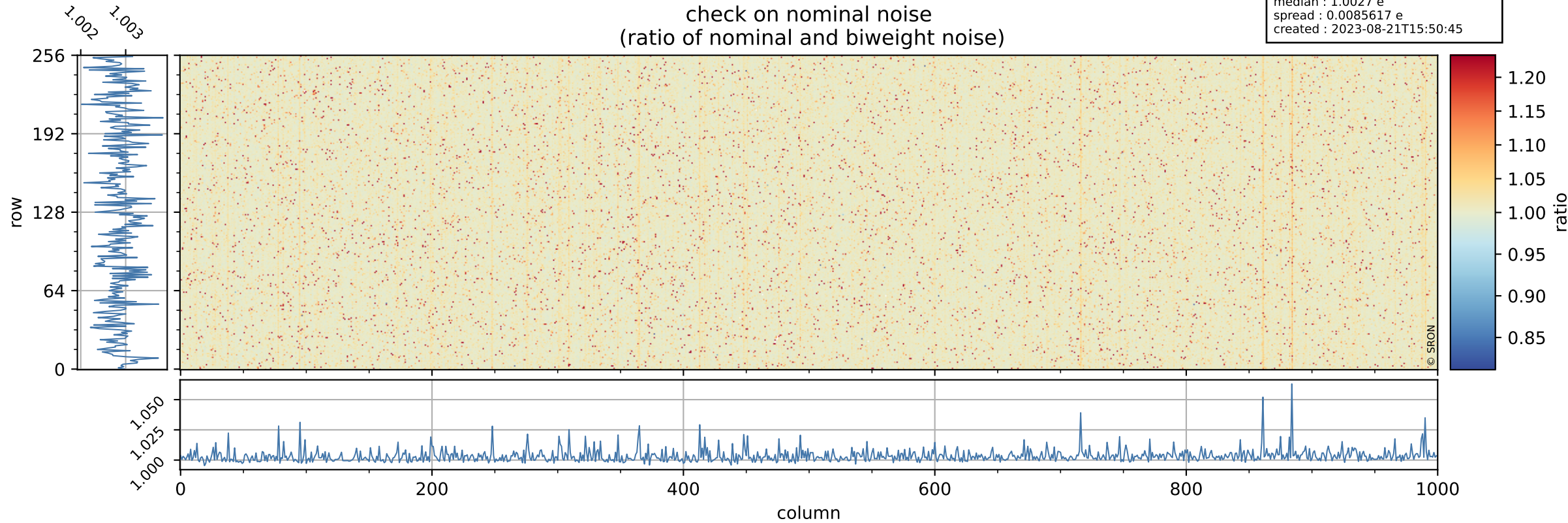
orbits : 12 in [16882, 16972]
coverage : 2021-01-15 / 2021-01-21
median : 0.99772 e
spread : 0.0055372 e
created : 2023-08-21T15:50:45



Tropomi SWIR background noise (swir)

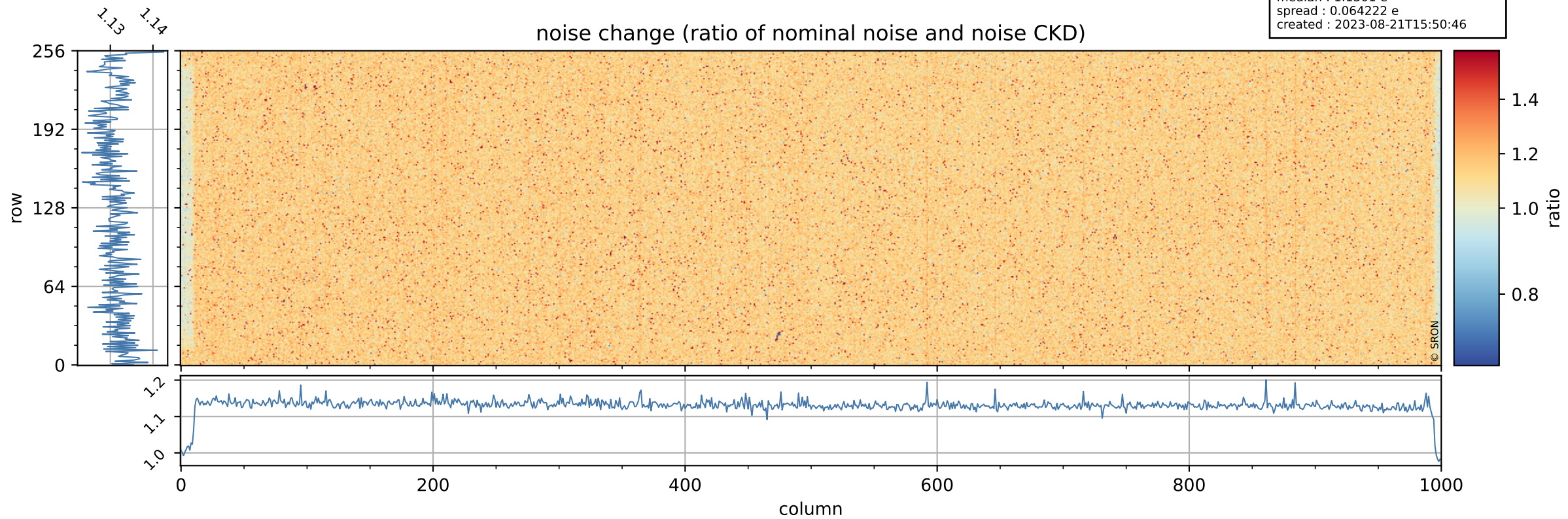
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16882, 16972]
coverage : 2021-01-15 / 2021-01-21
median : 1.0027 e
spread : 0.0085617 e
created : 2023-08-21T15:50:45



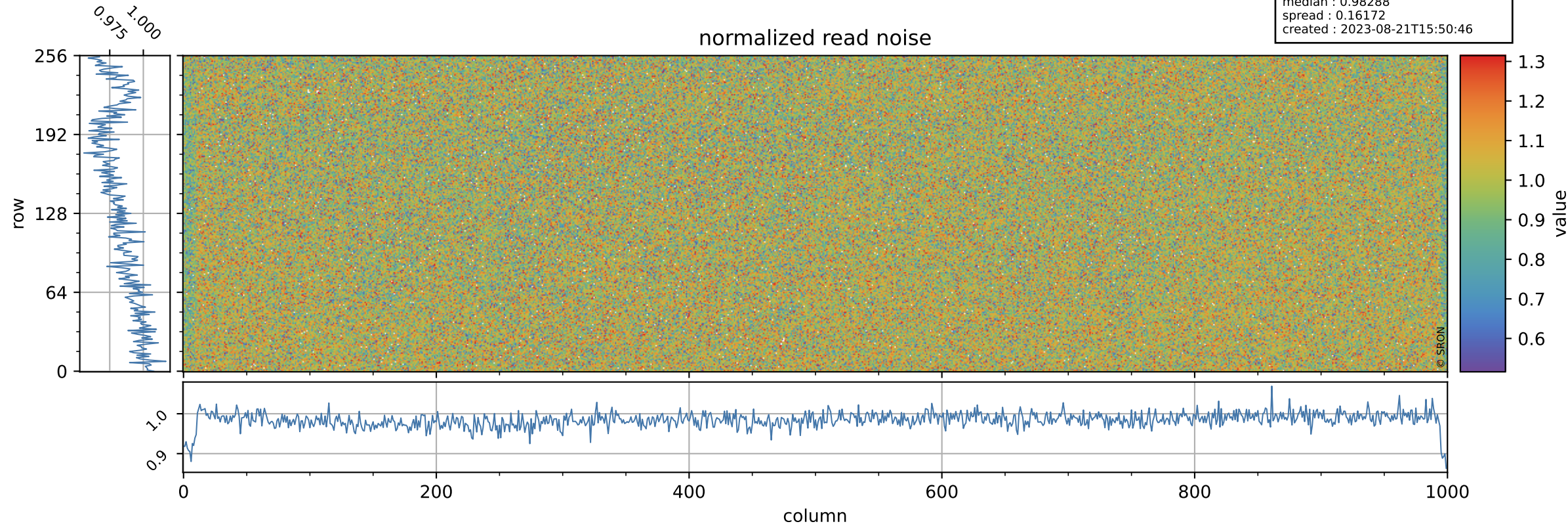
Tropomi SWIR background noise (swir)

orbits : 12 in [16882, 16972]
coverage : 2021-01-15 / 2021-01-21
median : 1.1301 e
spread : 0.064222 e
created : 2023-08-21T15:50:46



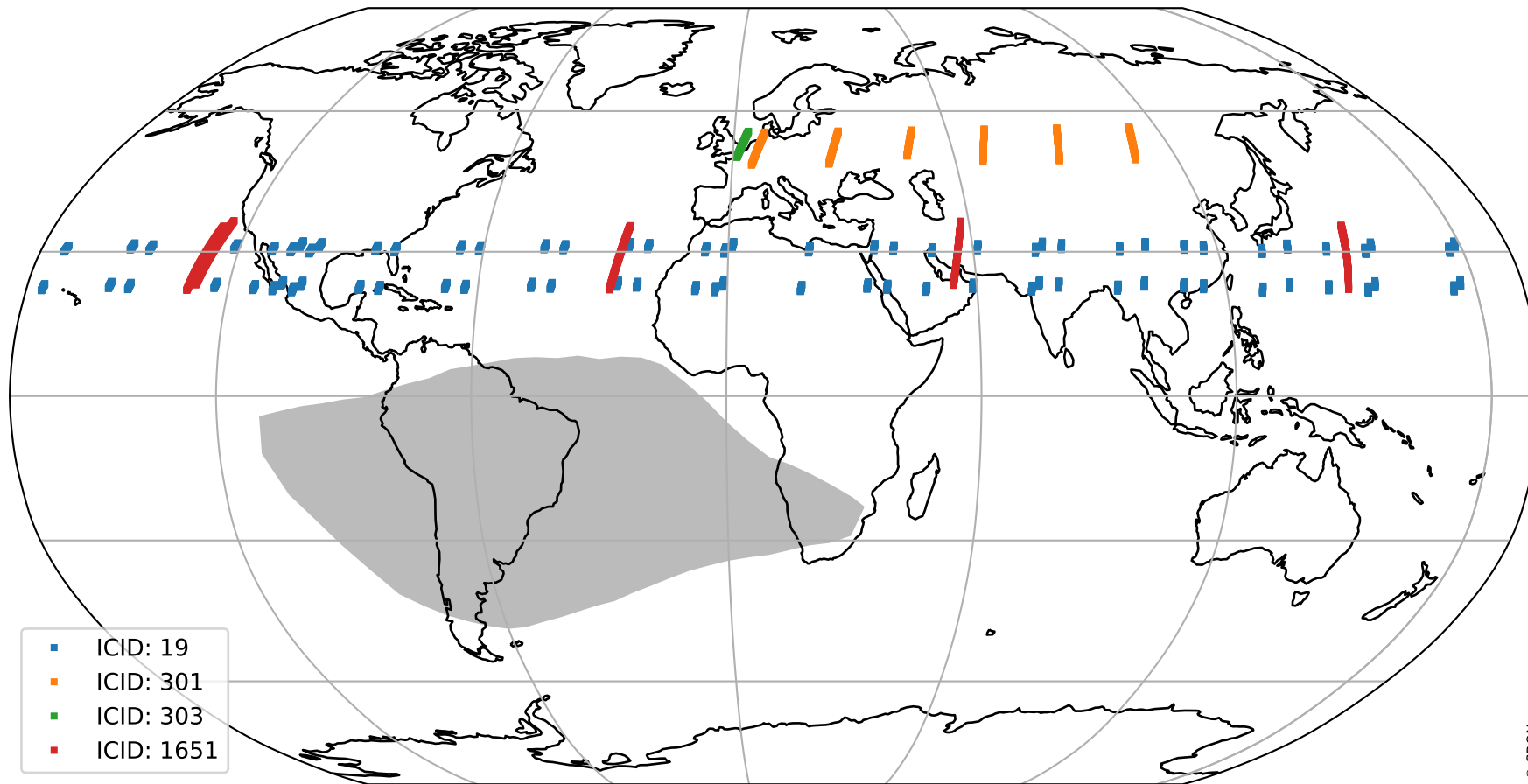
Tropomi SWIR background noise (swir)

orbits : 12 in [16882, 16972]
coverage : 2021-01-15 / 2021-01-21
median : 0.98288
spread : 0.16172
created : 2023-08-21T15:50:46



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

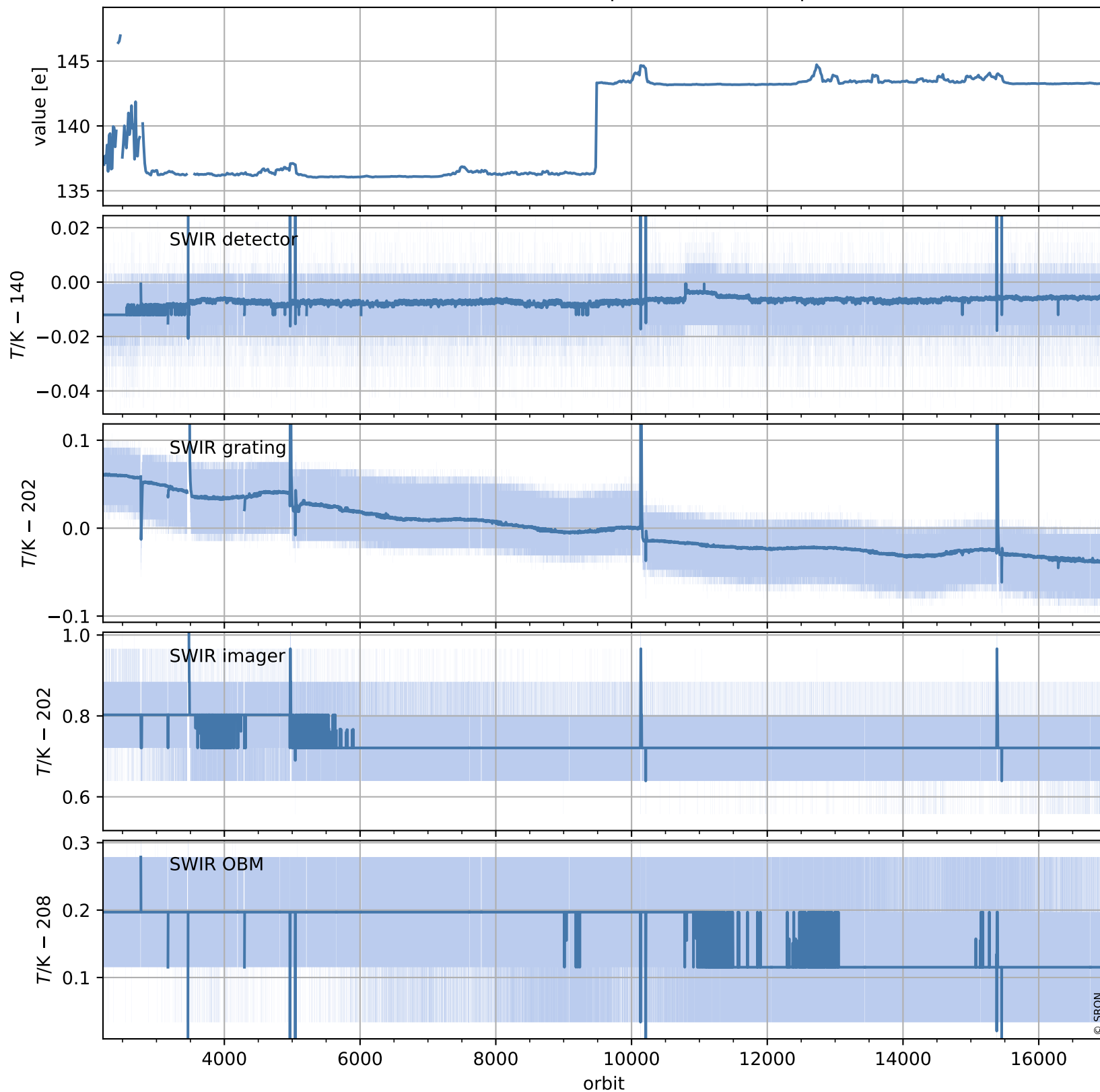
orbits : 12 in [16882, 16972]
coverage : 2021-01-15 / 2021-01-21
created : 2023-08-21T15:50:46



Tropomi SWIR background noise (swir)

orbits : [2212, 16972]
coverage : 2018-03-18 / 2021-01-21
created : 2023-08-21T15:50:47

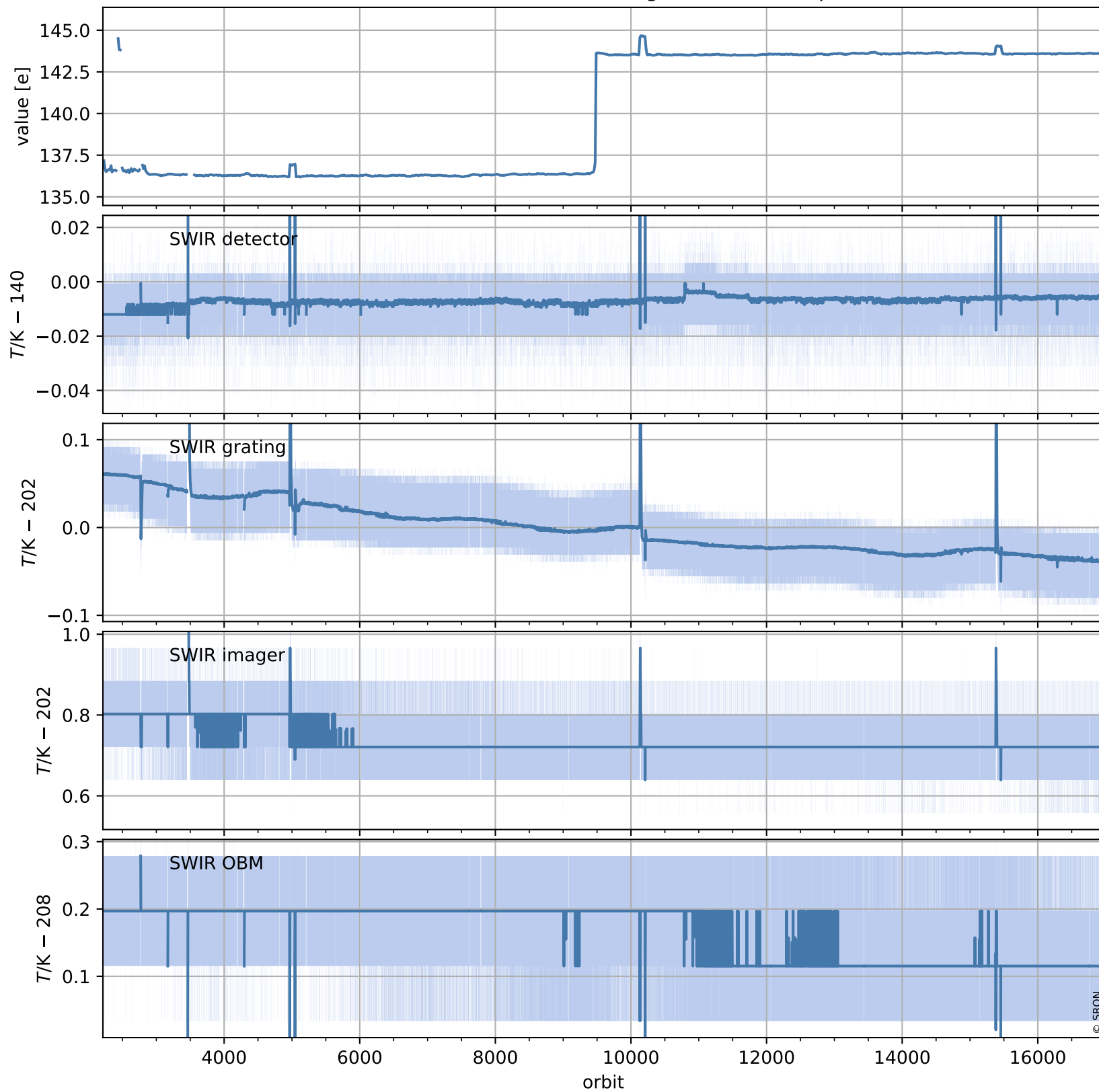
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16972]
coverage : 2018-03-18 / 2021-01-21
created : 2023-08-21T15:50:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16972]
coverage : 2018-03-18 / 2021-01-21
created : 2023-08-21T15:50:48

trend of normalized read-noise & temperatures

