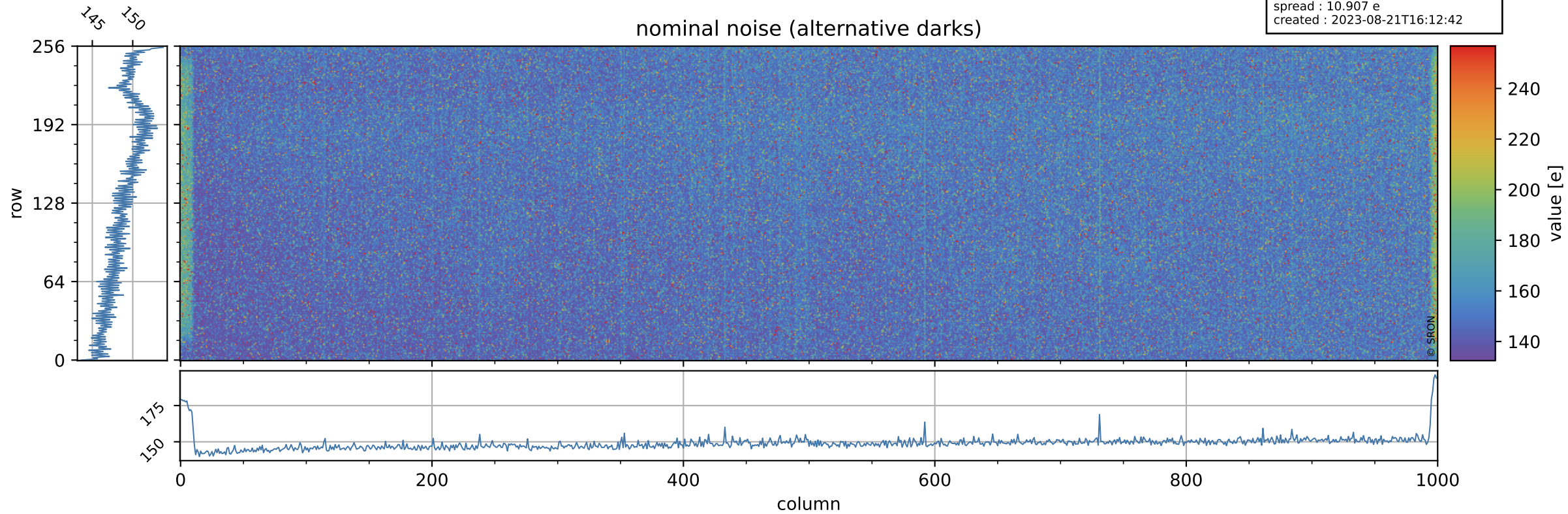


Tropomi SWIR background noise (swir)

orbits : 12 in [20557, 20647]
coverage : 2021-10-01 / 2021-10-07
n_coad, t_exp : 1, 1.0783
median : 148.76 e
spread : 10.907 e
created : 2023-08-21T16:12:42

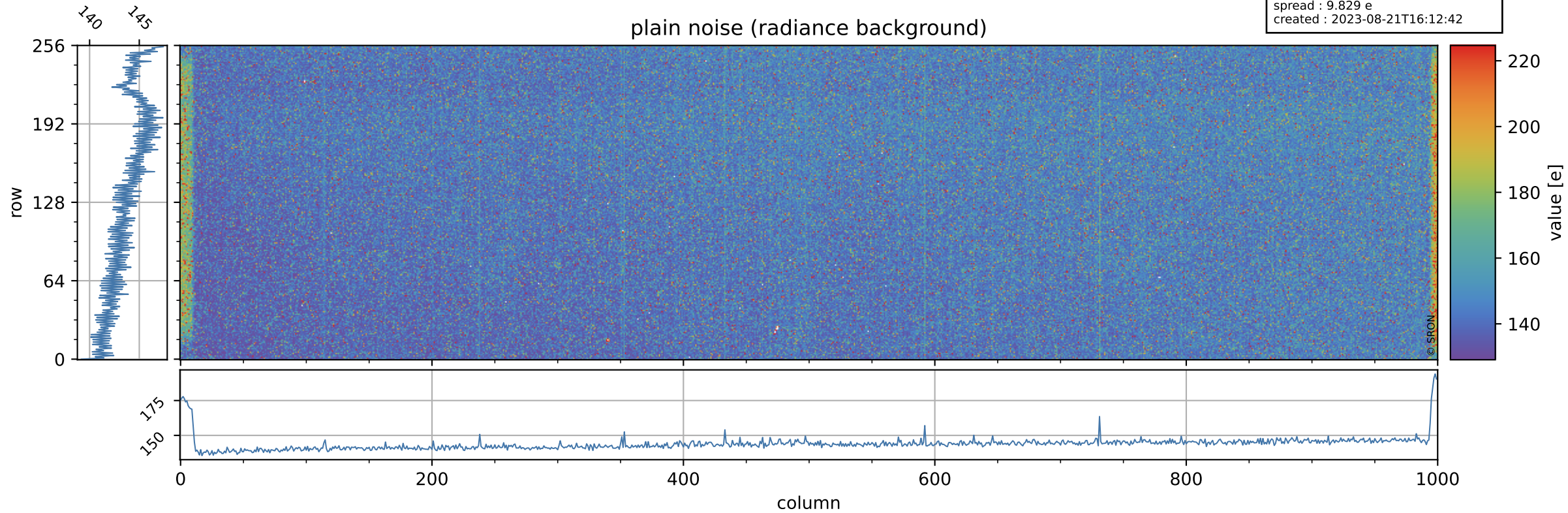
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20557, 20647]
coverage : 2021-10-01 / 2021-10-07
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.829 e
created : 2023-08-21T16:12:42

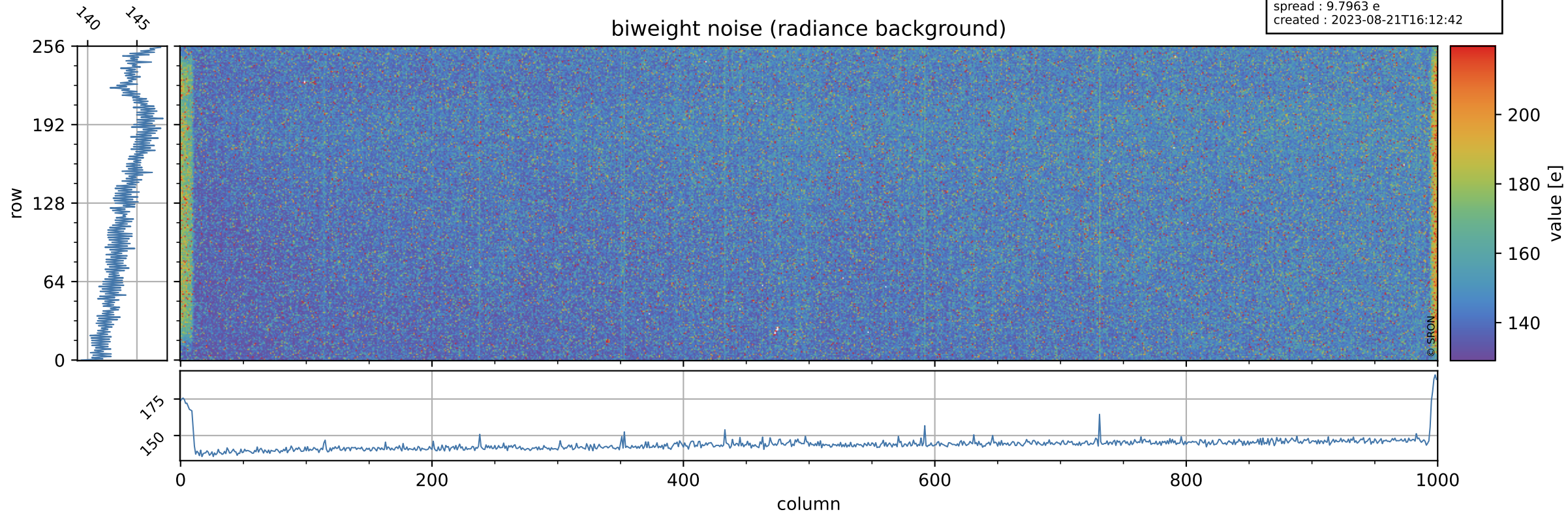
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20557, 20647]
coverage : 2021-10-01 / 2021-10-07
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.7963 e
created : 2023-08-21T16:12:42

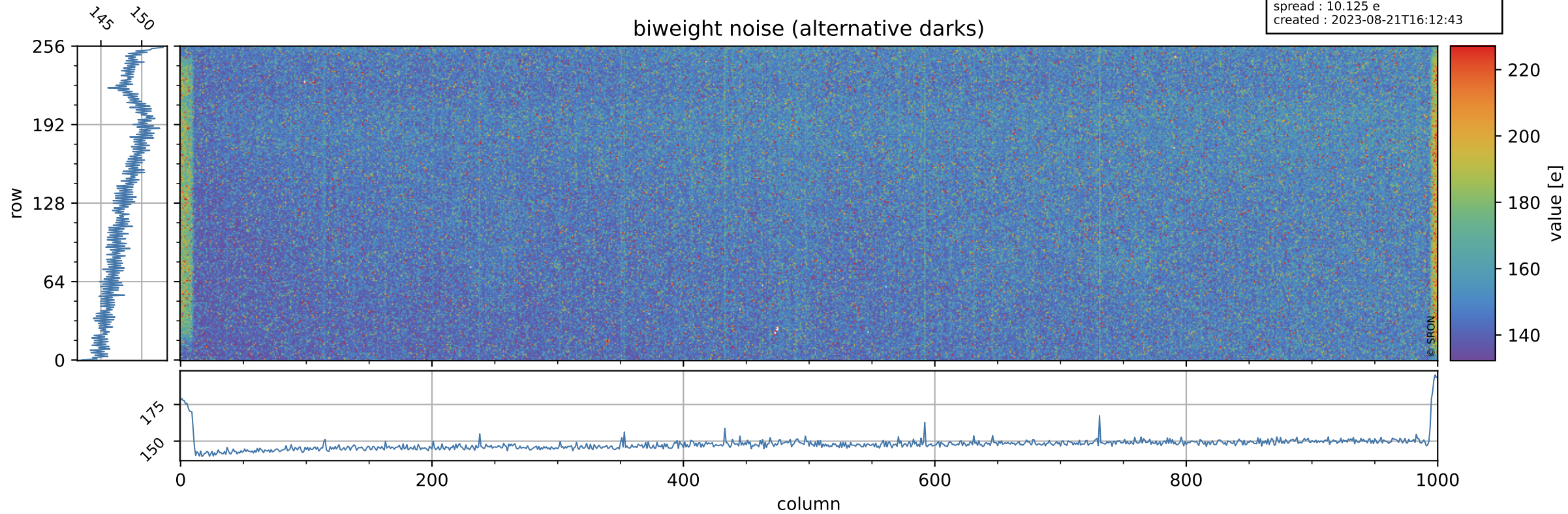
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20557, 20647]
coverage : 2021-10-01 / 2021-10-07
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.125 e
created : 2023-08-21T16:12:43

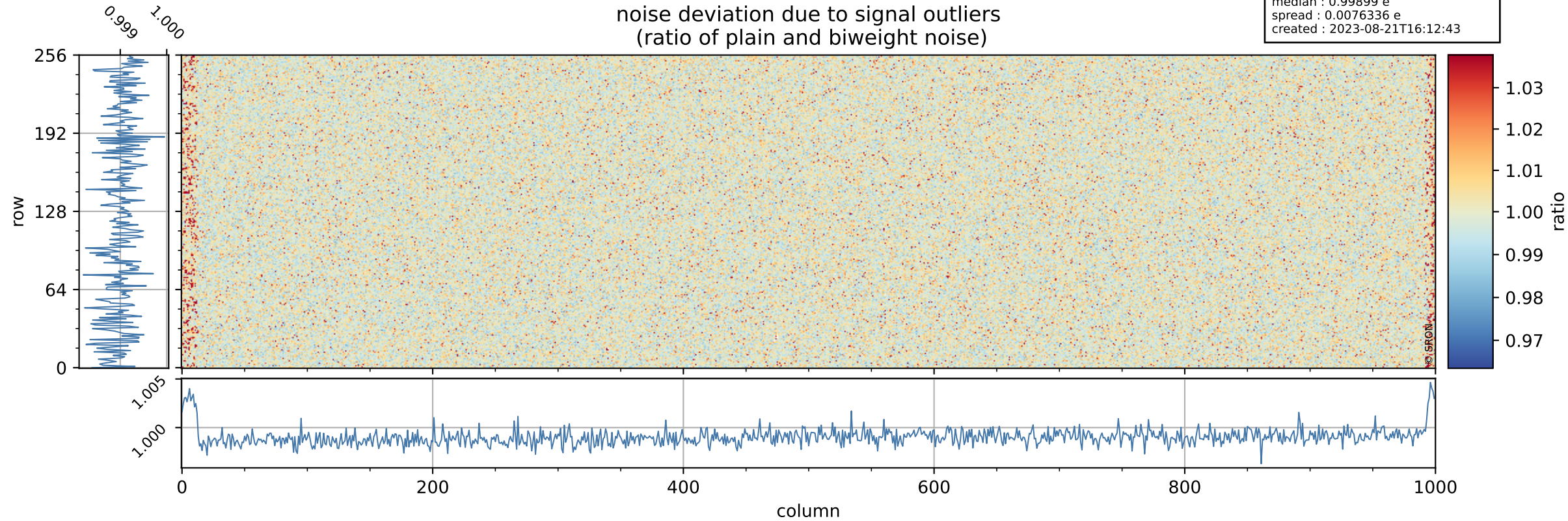
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

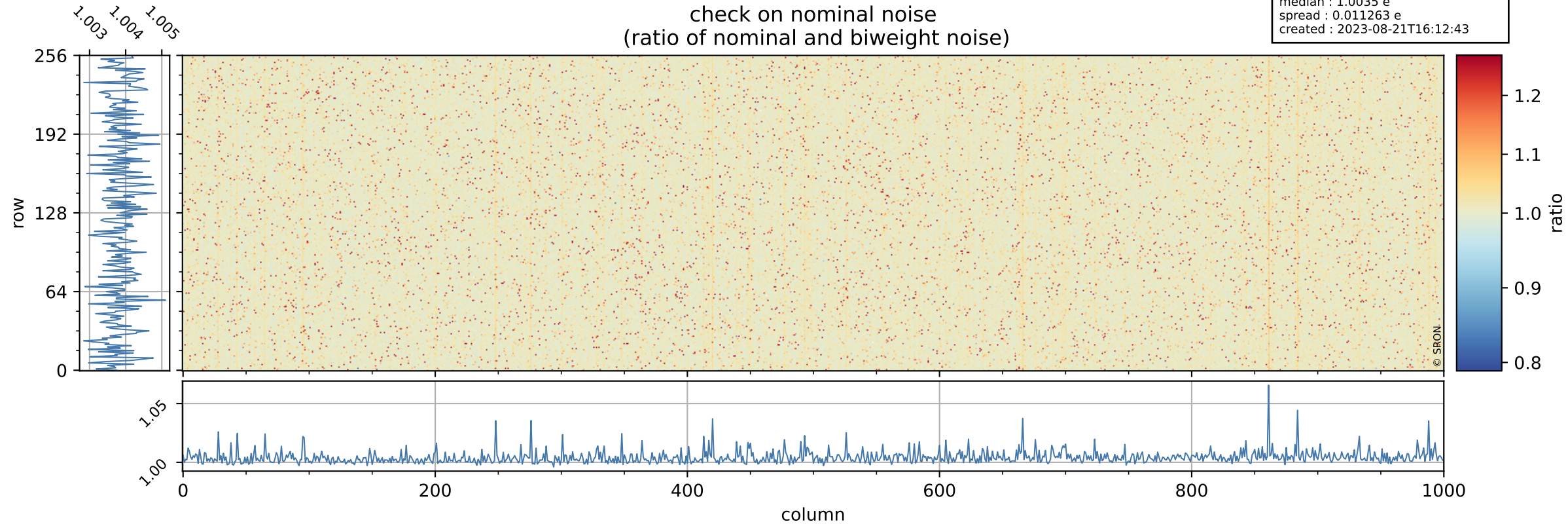
orbits : 12 in [20557, 20647]
coverage : 2021-10-01 / 2021-10-07
median : 0.99899 e
spread : 0.0076336 e
created : 2023-08-21T16:12:43



Tropomi SWIR background noise (swir)

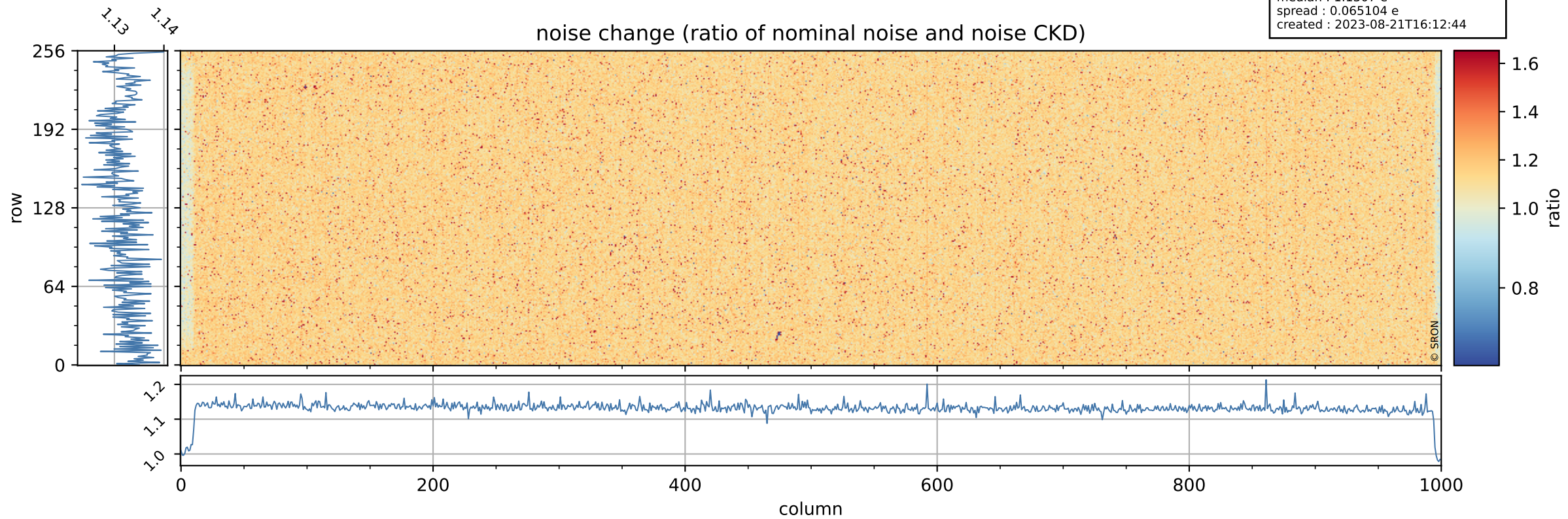
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20557, 20647]
coverage : 2021-10-01 / 2021-10-07
median : 1.0035 e
spread : 0.011263 e
created : 2023-08-21T16:12:43



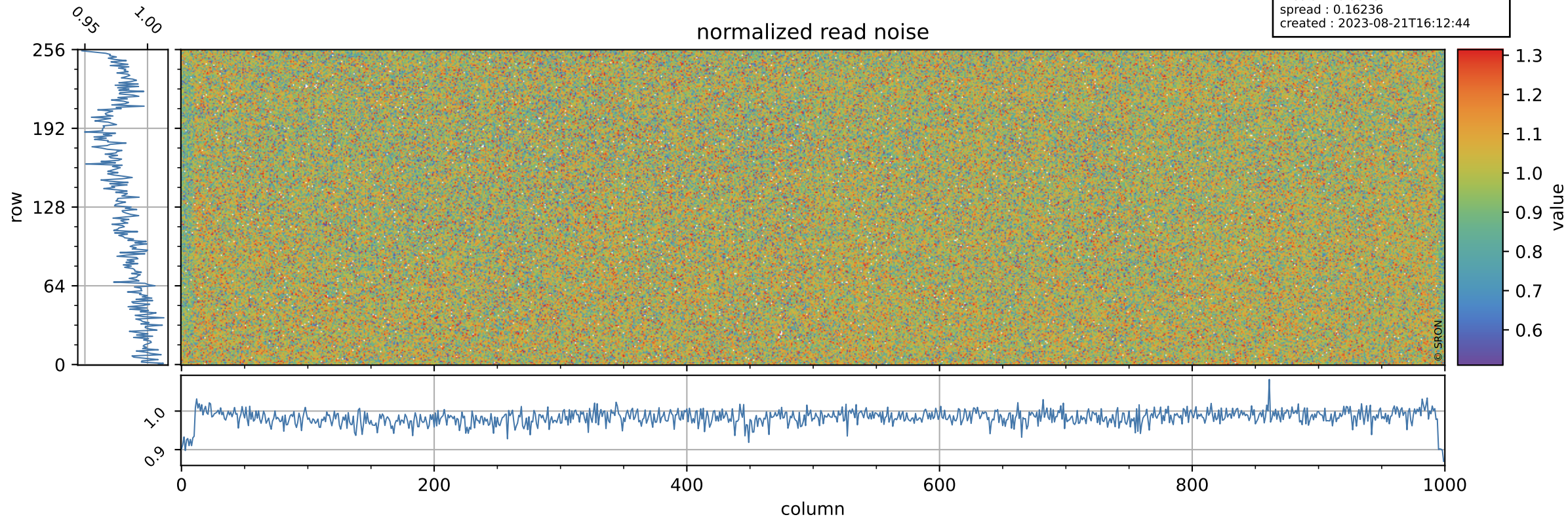
Tropomi SWIR background noise (swir)

orbits : 12 in [20557, 20647]
coverage : 2021-10-01 / 2021-10-07
median : 1.1307 e
spread : 0.065104 e
created : 2023-08-21T16:12:44



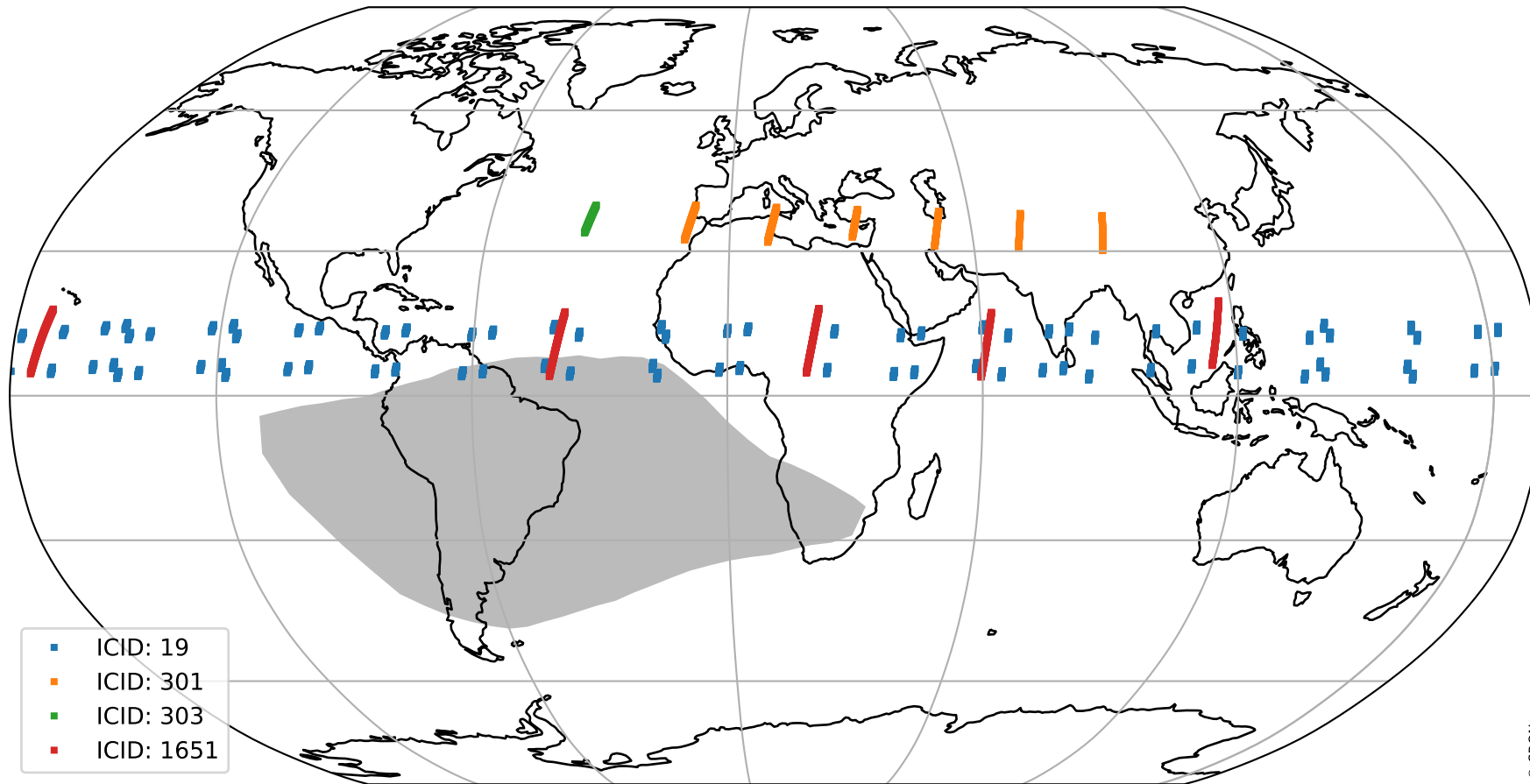
Tropomi SWIR background noise (swir)

orbits : 12 in [20557, 20647]
coverage : 2021-10-01 / 2021-10-07
median : 0.98184
spread : 0.16236
created : 2023-08-21T16:12:44



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

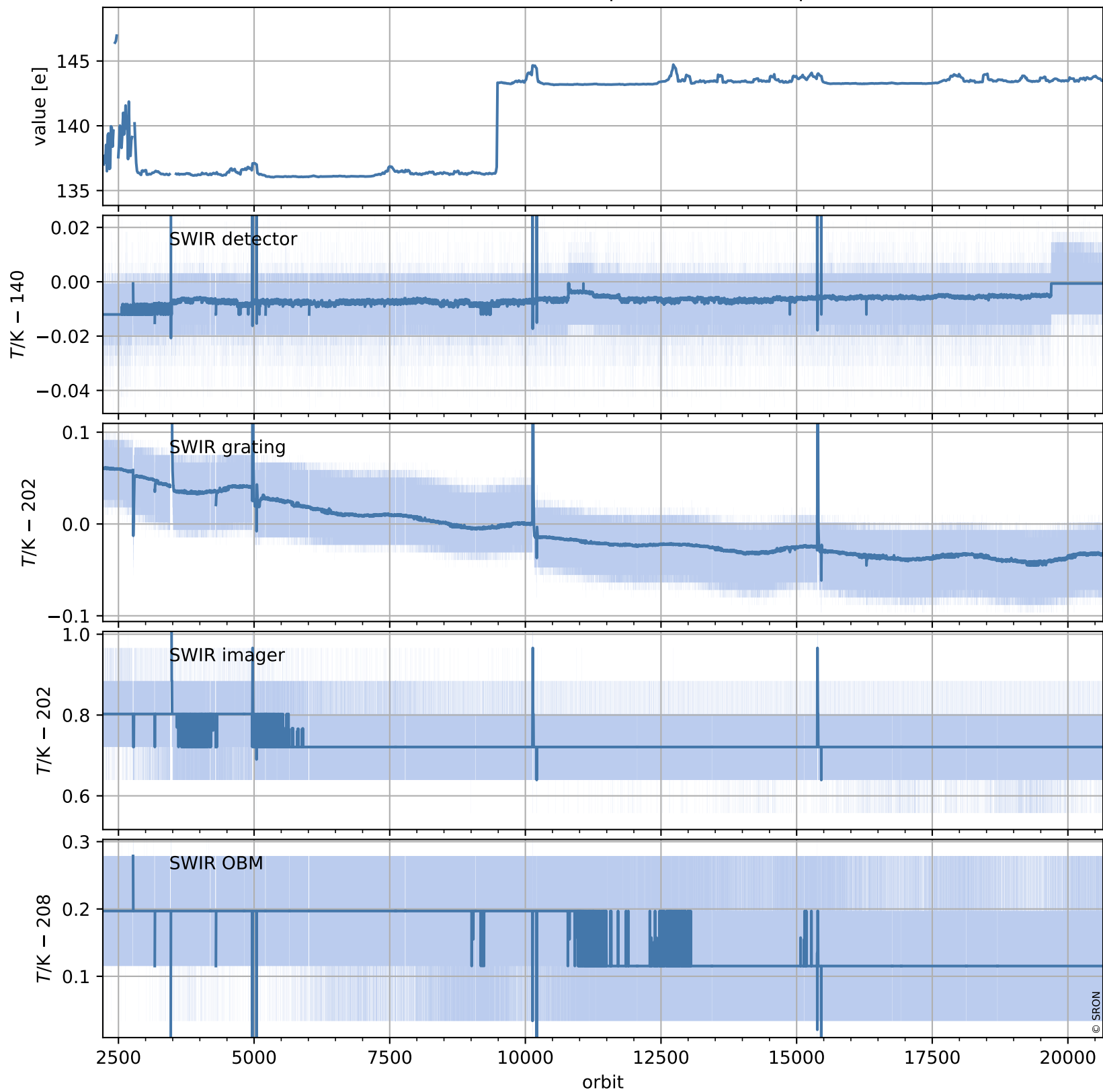
orbits : 12 in [20557, 20647]
coverage : 2021-10-01 / 2021-10-07
created : 2023-08-21T16:12:44



Tropomi SWIR background noise (swir)

orbits : [2212, 20647]
coverage : 2018-03-18 / 2021-10-07
created : 2023-08-21T16:12:45

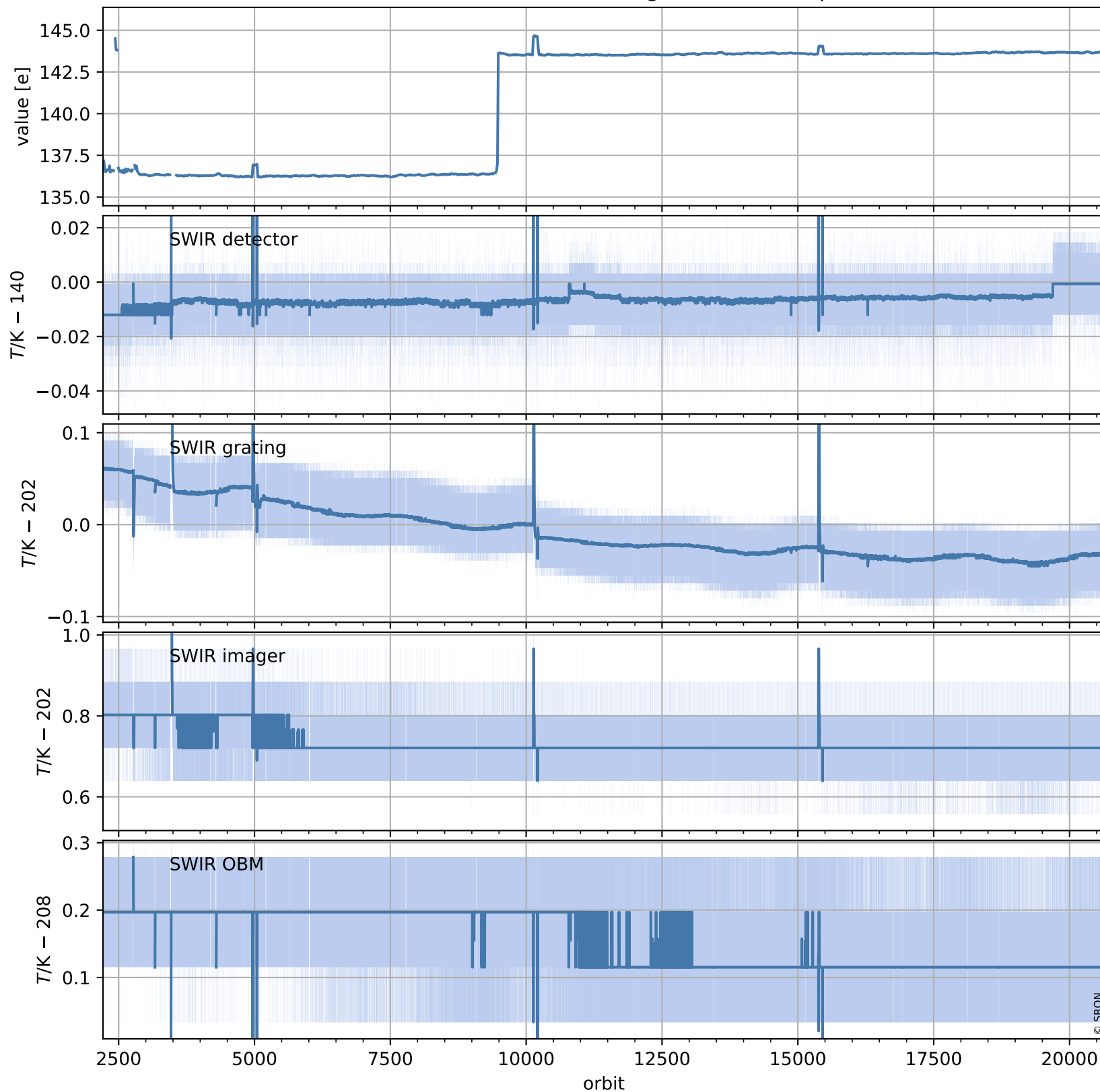
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20647]
coverage : 2018-03-18 / 2021-10-07
created : 2023-08-21T16:12:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20647]
coverage : 2018-03-18 / 2021-10-07
created : 2023-08-21T16:12:46

trend of normalized read-noise & temperatures

