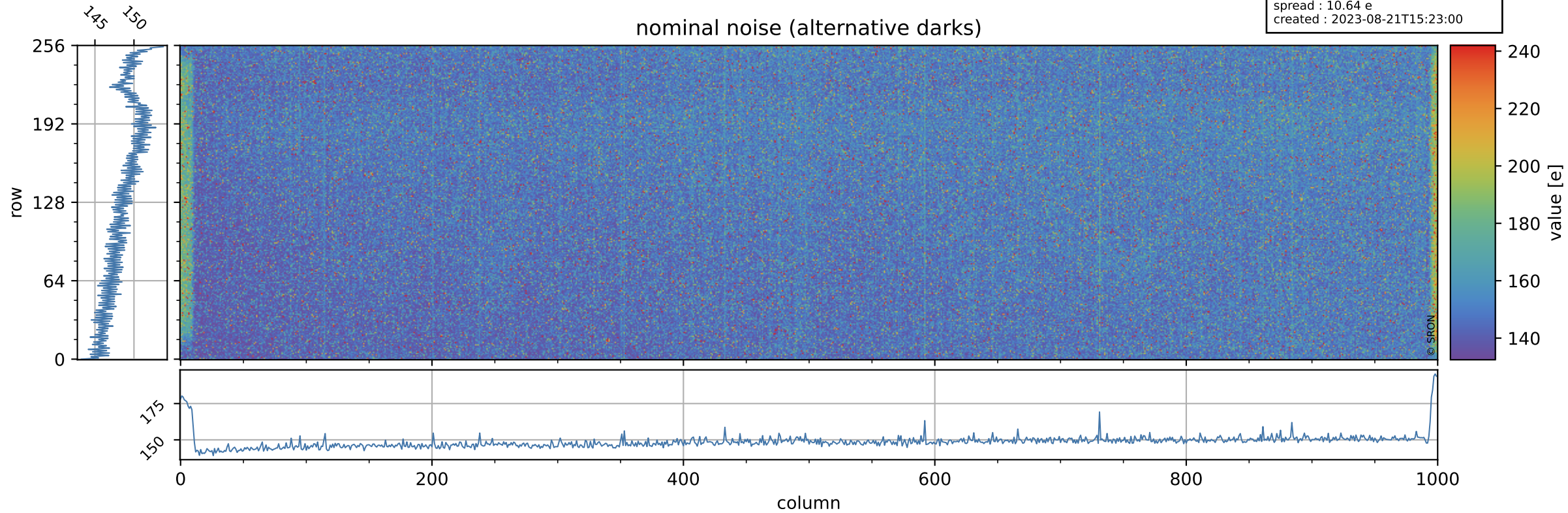


Tropomi SWIR background noise (swir)

orbits : 12 in [11857, 11947]
coverage : 2020-01-27 / 2020-02-02
n_coad, t_exp : 1, 1.0783
median : 148.52 e
spread : 10.64 e
created : 2023-08-21T15:23:00

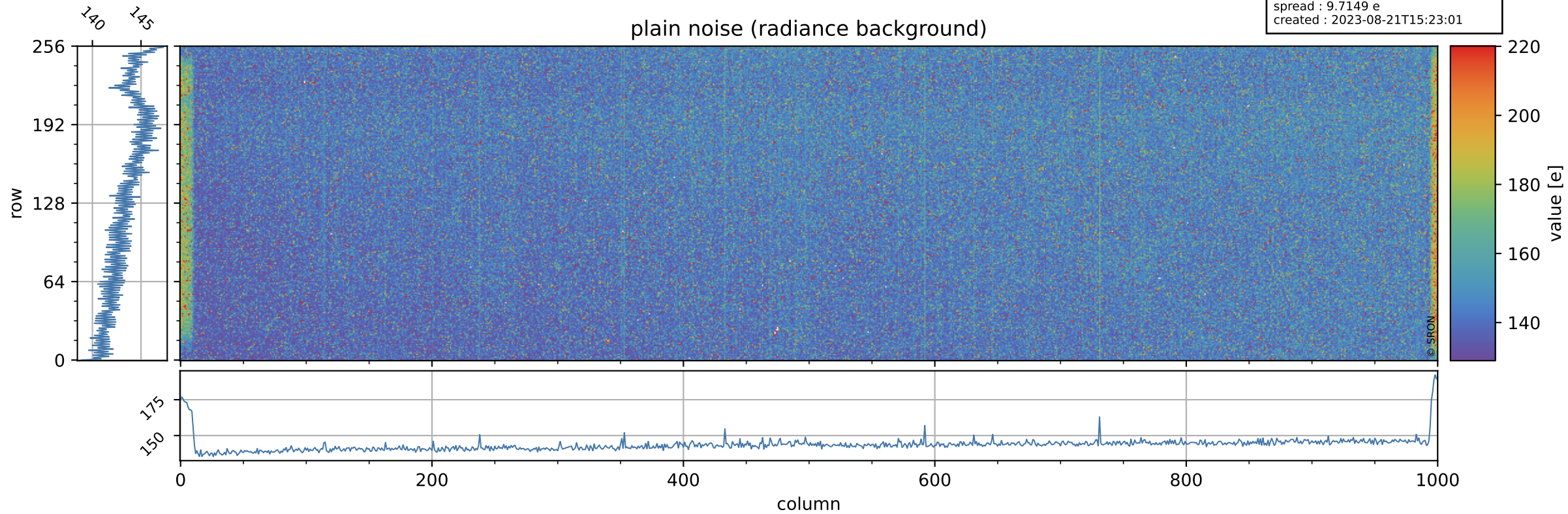
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11857, 11947]
coverage : 2020-01-27 / 2020-02-02
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7149 e
created : 2023-08-21T15:23:01

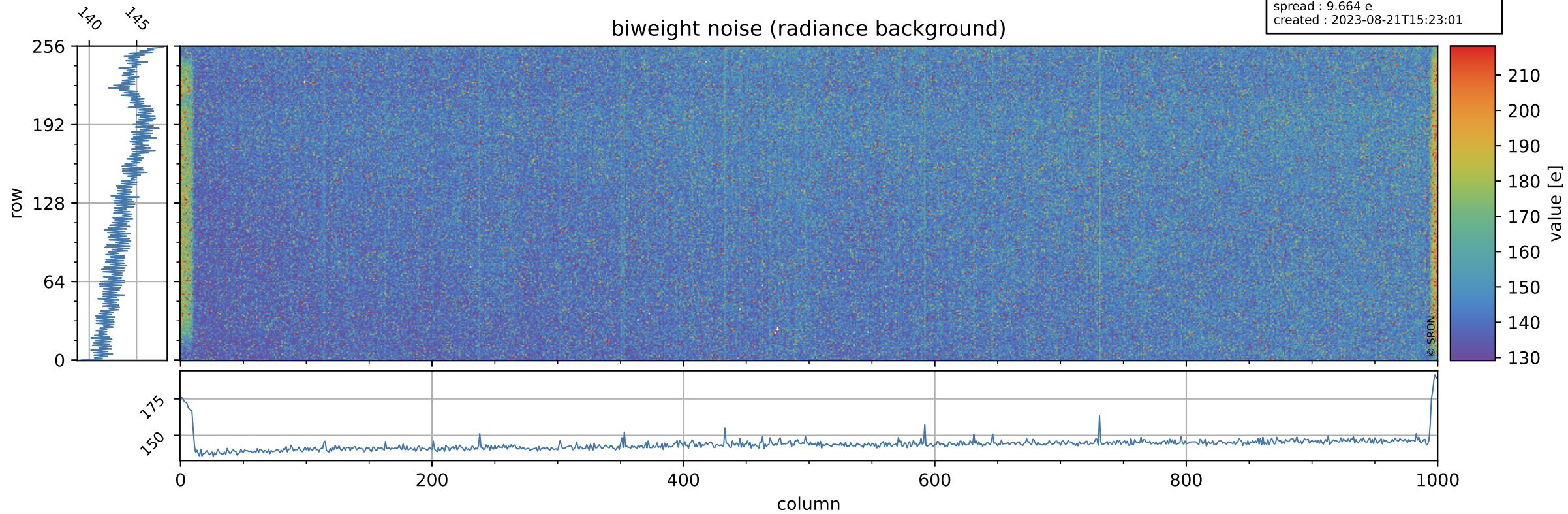
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11857, 11947]
coverage : 2020-01-27 / 2020-02-02
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 9.664 e
created : 2023-08-21T15:23:01

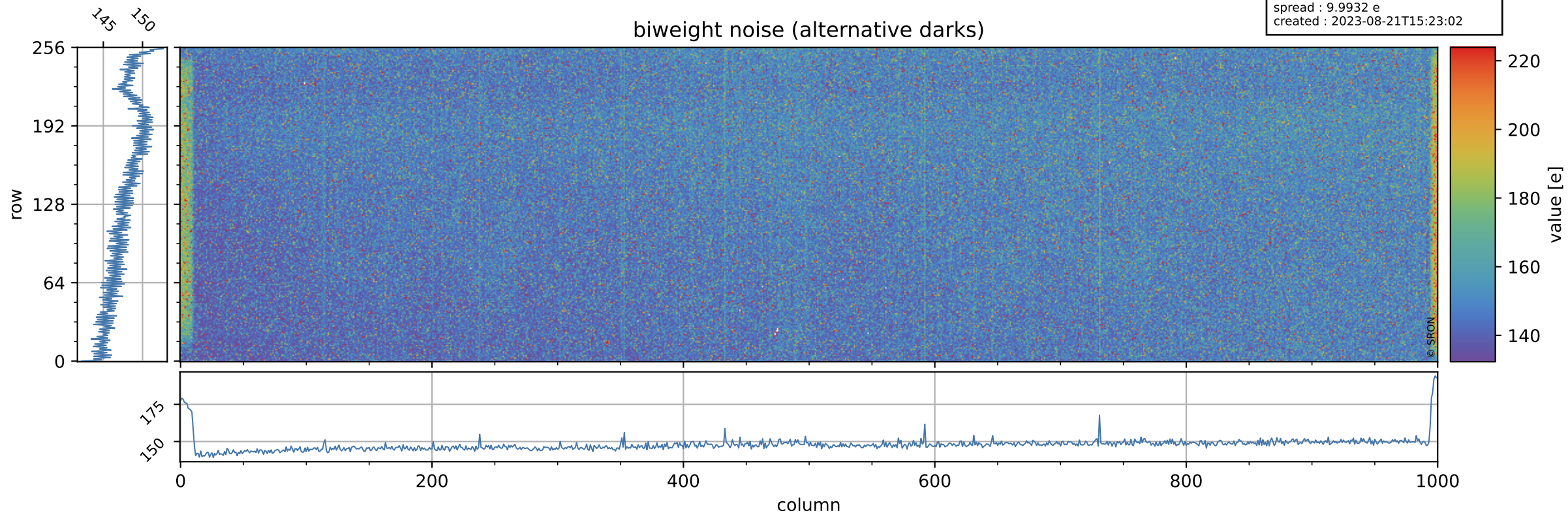
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11857, 11947]
coverage : 2020-01-27 / 2020-02-02
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 9.9932 e
created : 2023-08-21T15:23:02

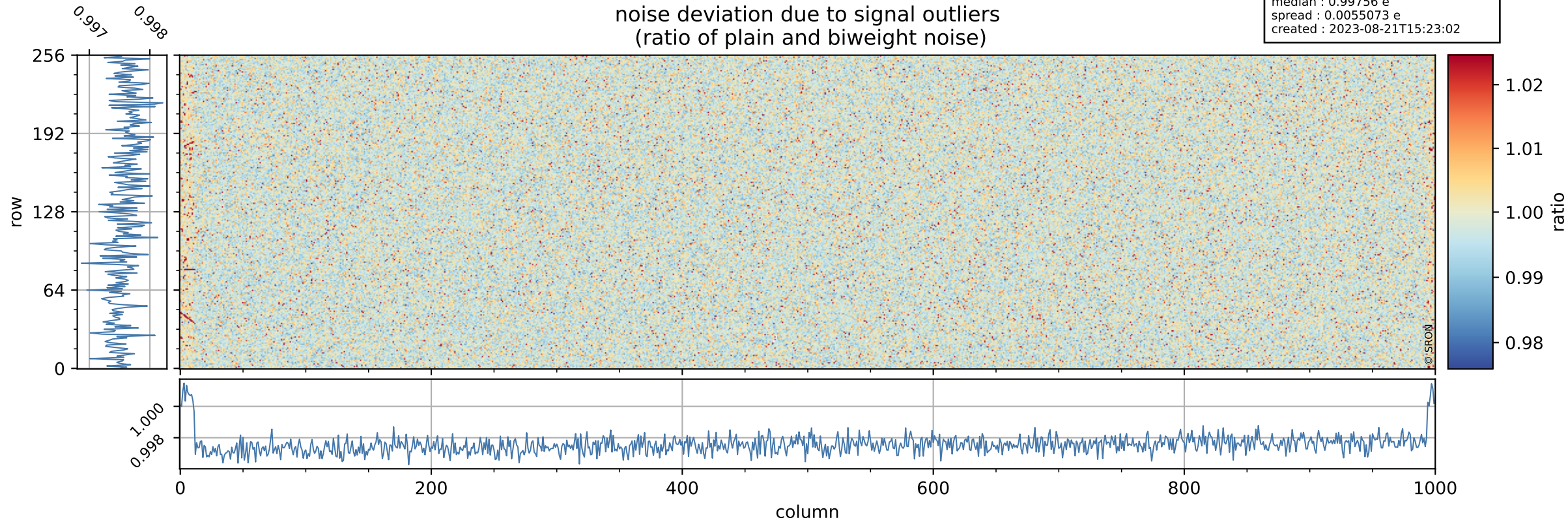
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

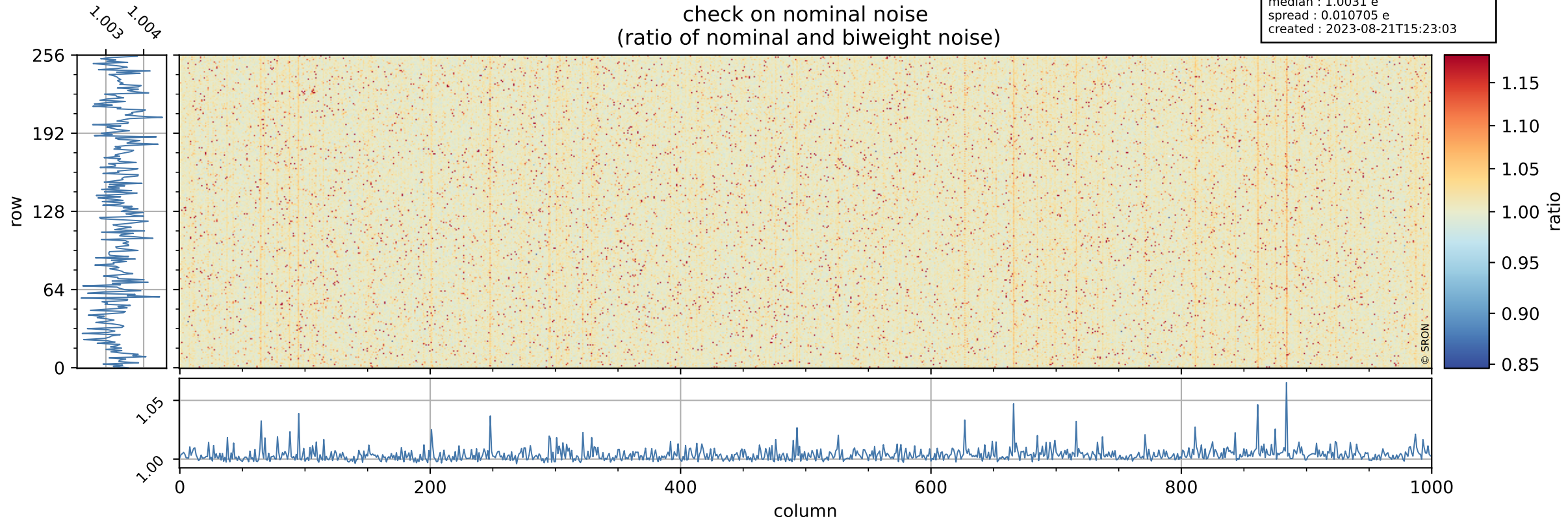
orbits : 12 in [11857, 11947]
coverage : 2020-01-27 / 2020-02-02
median : 0.99756 e
spread : 0.0055073 e
created : 2023-08-21T15:23:02



Tropomi SWIR background noise (swir)

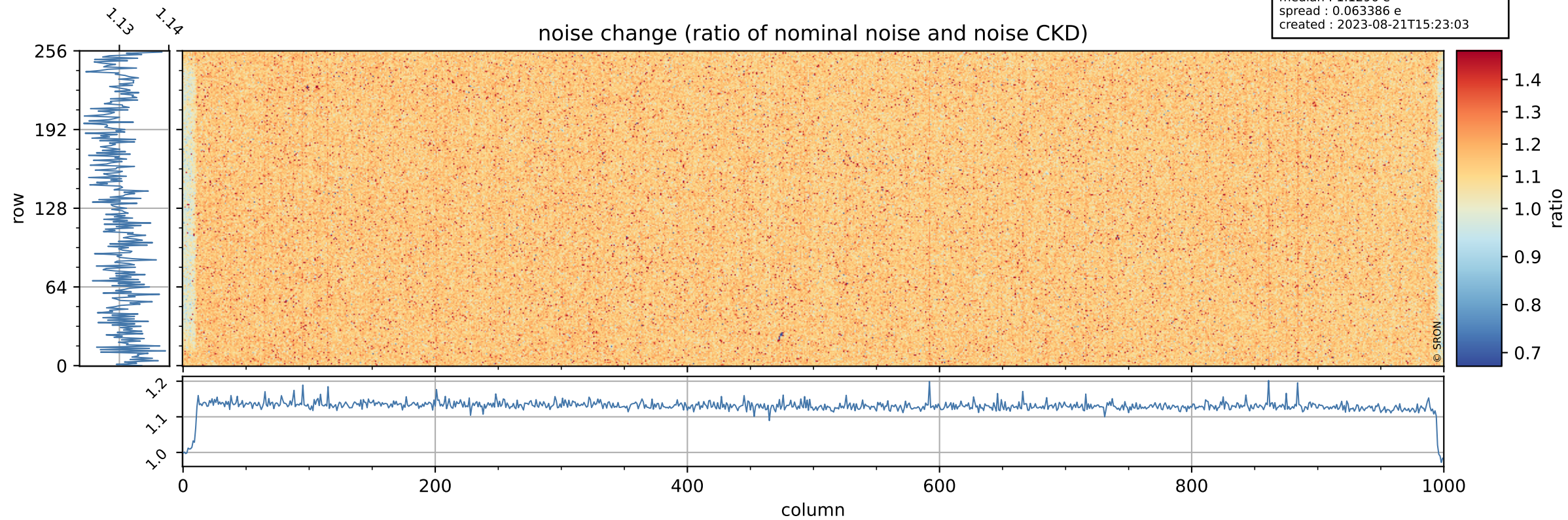
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [11857, 11947]
coverage : 2020-01-27 / 2020-02-02
median : 1.0031 e
spread : 0.010705 e
created : 2023-08-21T15:23:03



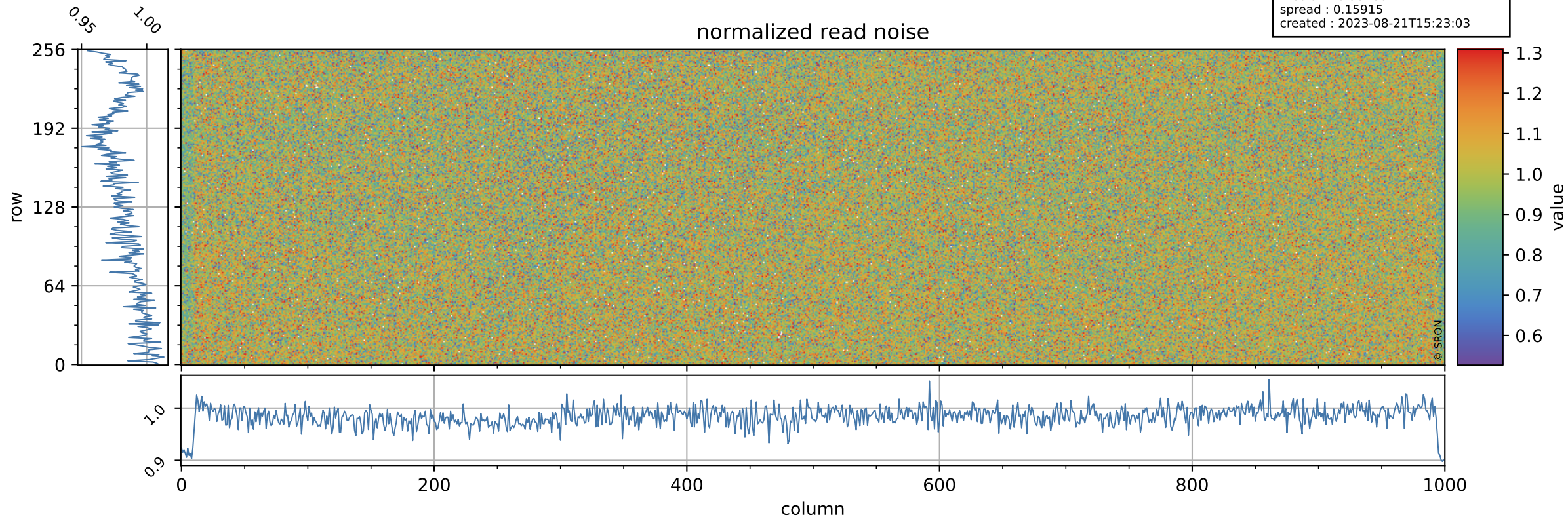
Tropomi SWIR background noise (swir)

orbits : 12 in [11857, 11947]
coverage : 2020-01-27 / 2020-02-02
median : 1.1296 e
spread : 0.063386 e
created : 2023-08-21T15:23:03



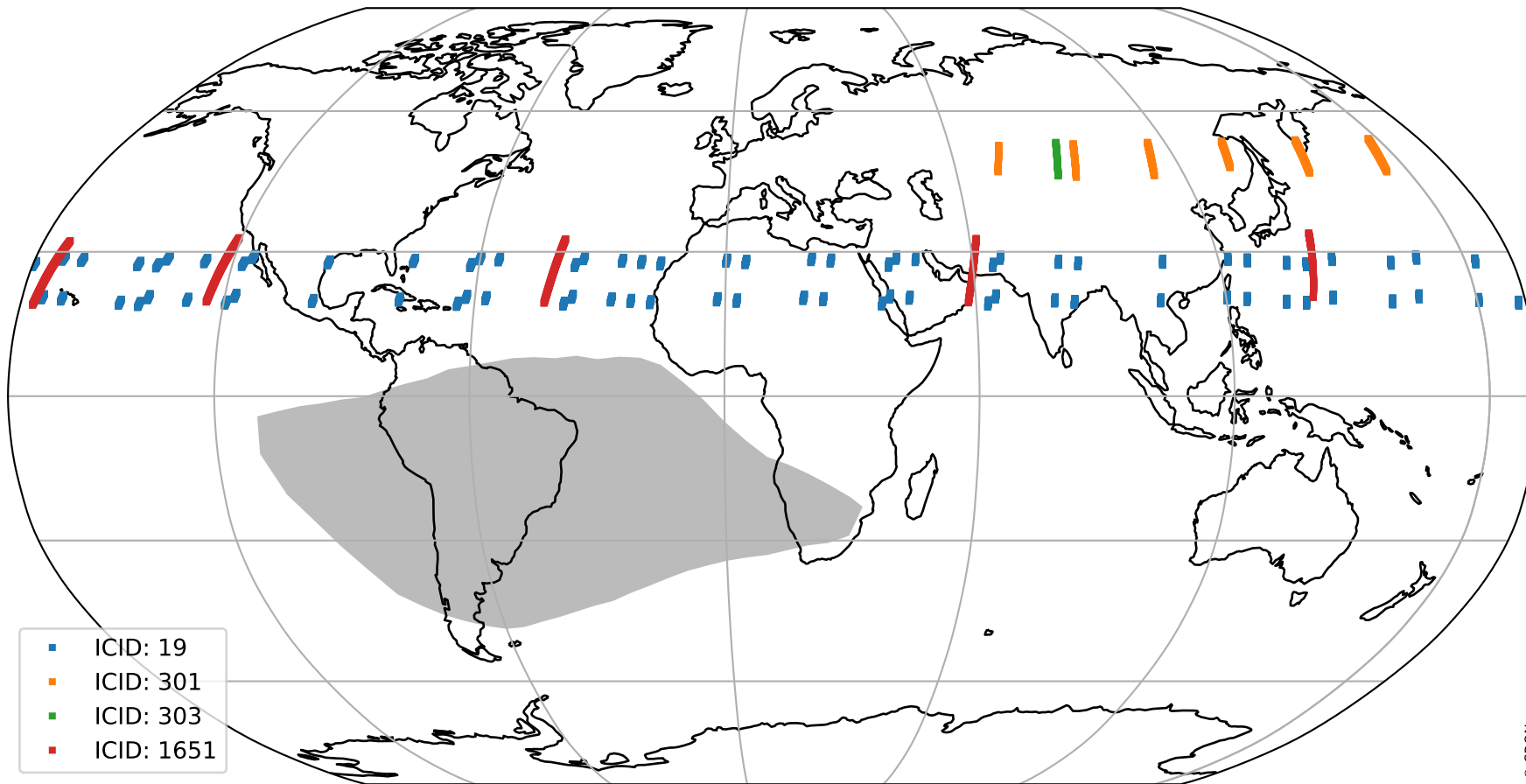
Tropomi SWIR background noise (swir)

orbits : 12 in [11857, 11947]
coverage : 2020-01-27 / 2020-02-02
median : 0.98266
spread : 0.15915
created : 2023-08-21T15:23:03



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

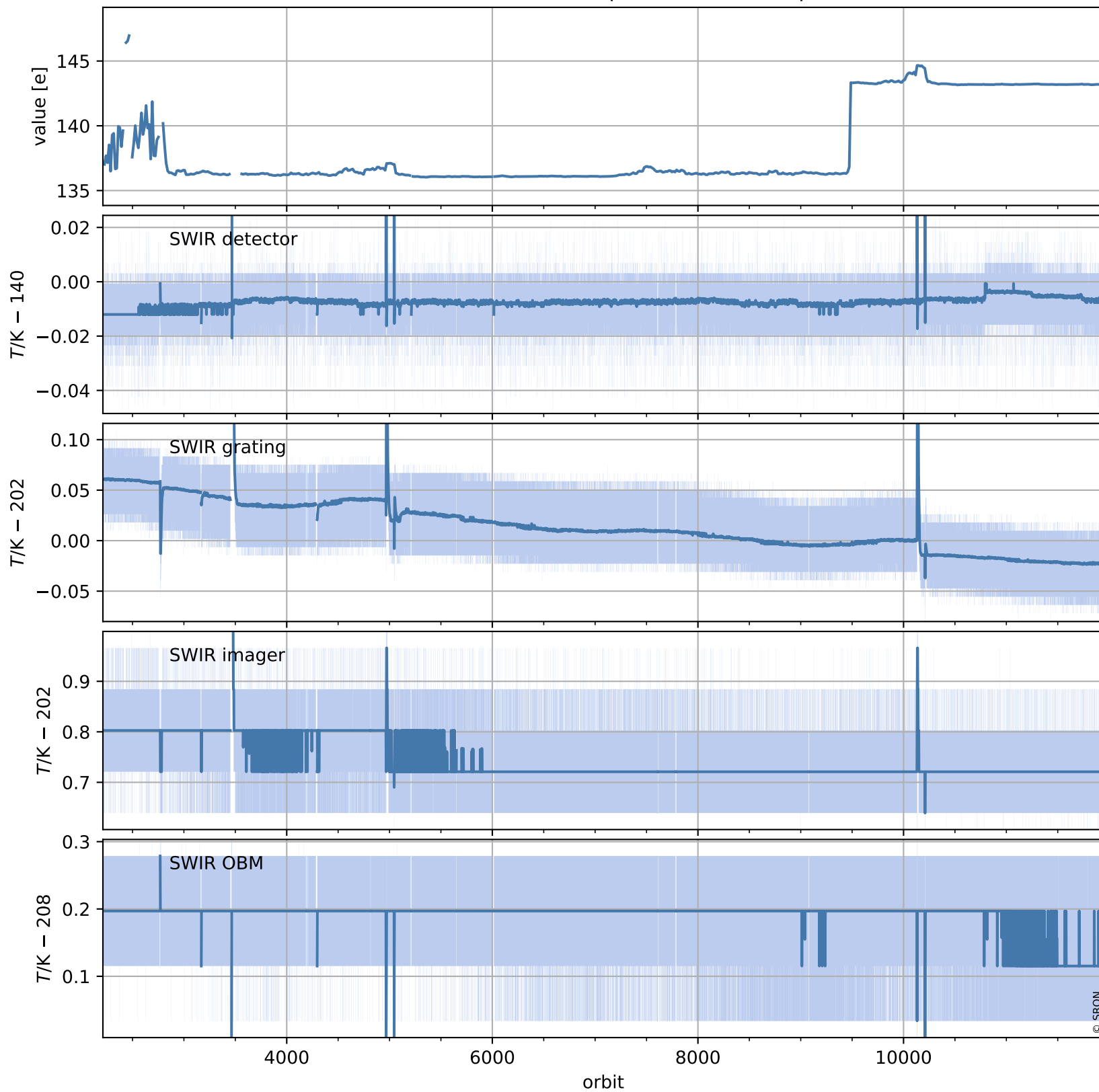
orbits : 12 in [11857, 11947]
coverage : 2020-01-27 / 2020-02-02
created : 2023-08-21T15:23:03



Tropomi SWIR background noise (swir)

orbits : [2212, 11947]
coverage : 2018-03-18 / 2020-02-02
created : 2023-08-21T15:23:04

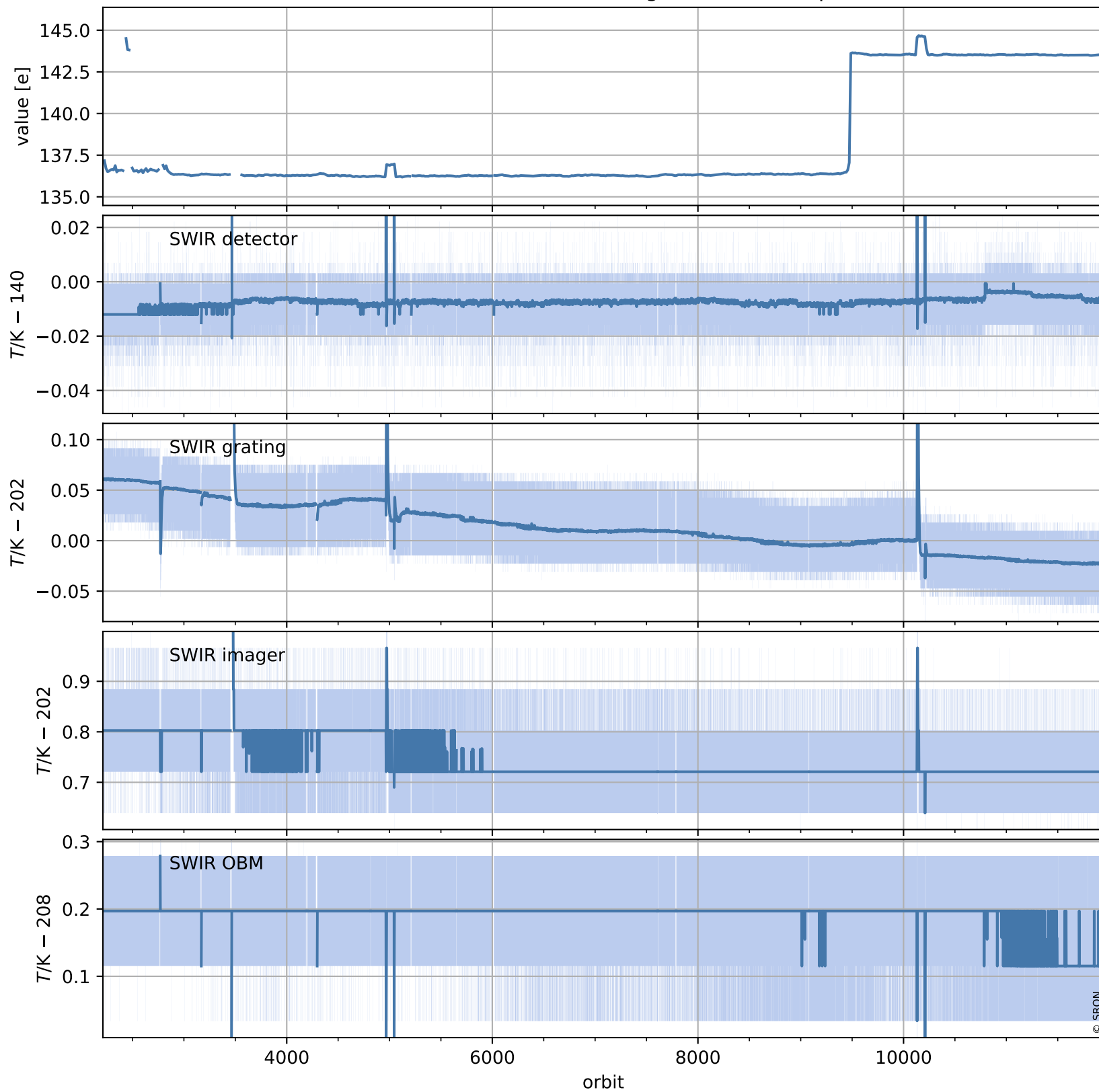
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11947]
coverage : 2018-03-18 / 2020-02-02
created : 2023-08-21T15:23:05

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11947]
coverage : 2018-03-18 / 2020-02-02
created : 2023-08-21T15:23:05

trend of normalized read-noise & temperatures

