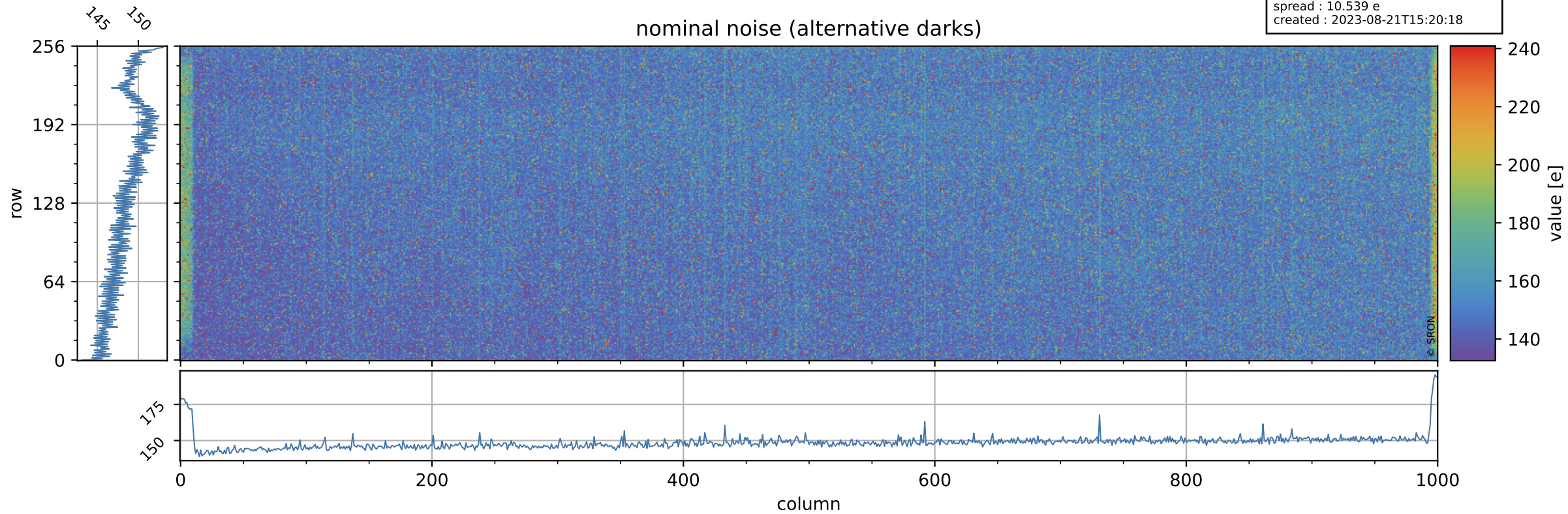


Tropomi SWIR background noise (swir)

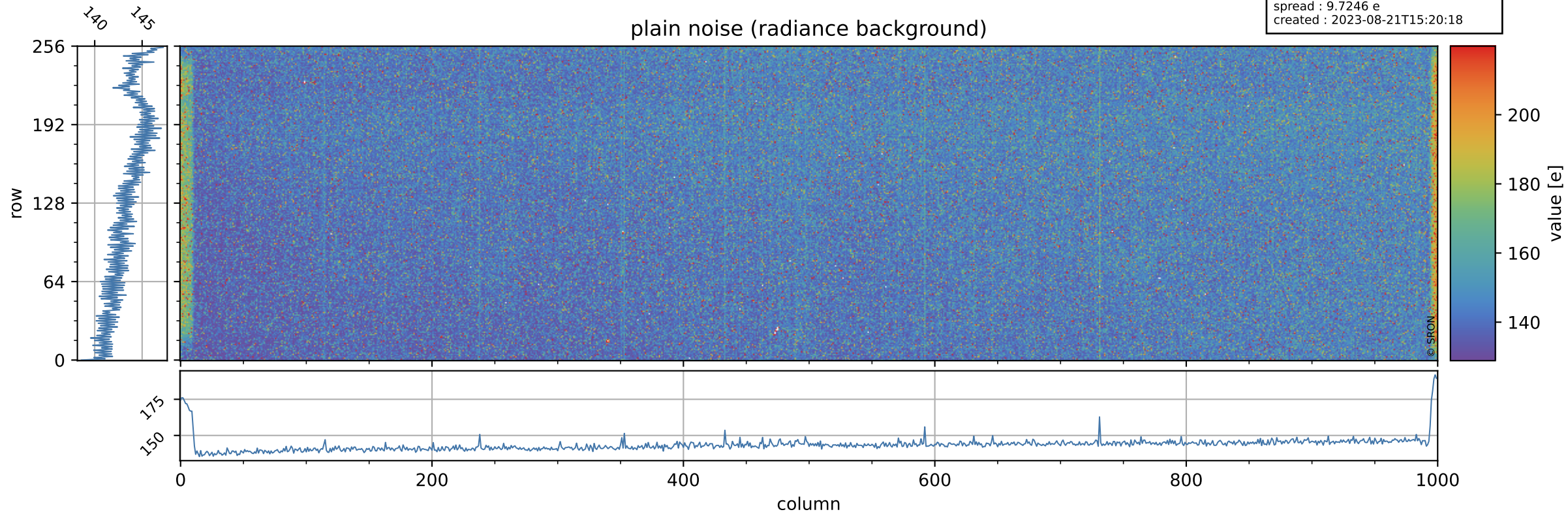
orbits : 13 in [11452, 11527]
coverage : 2019-12-28 / 2020-01-03
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.539 e
created : 2023-08-21T15:20:18



Tropomi SWIR background noise (swir)

orbits : 13 in [11452, 11527]
coverage : 2019-12-28 / 2020-01-03
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7246 e
created : 2023-08-21T15:20:18

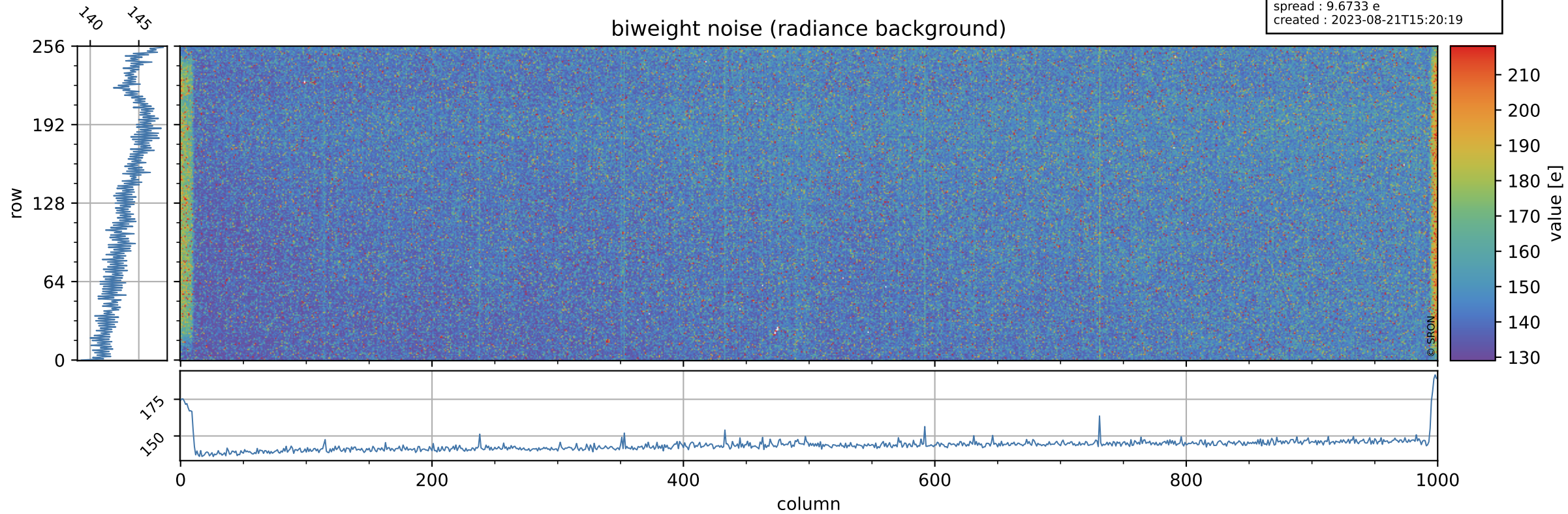
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [11452, 11527]
coverage : 2019-12-28 / 2020-01-03
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.6733 e
created : 2023-08-21T15:20:19

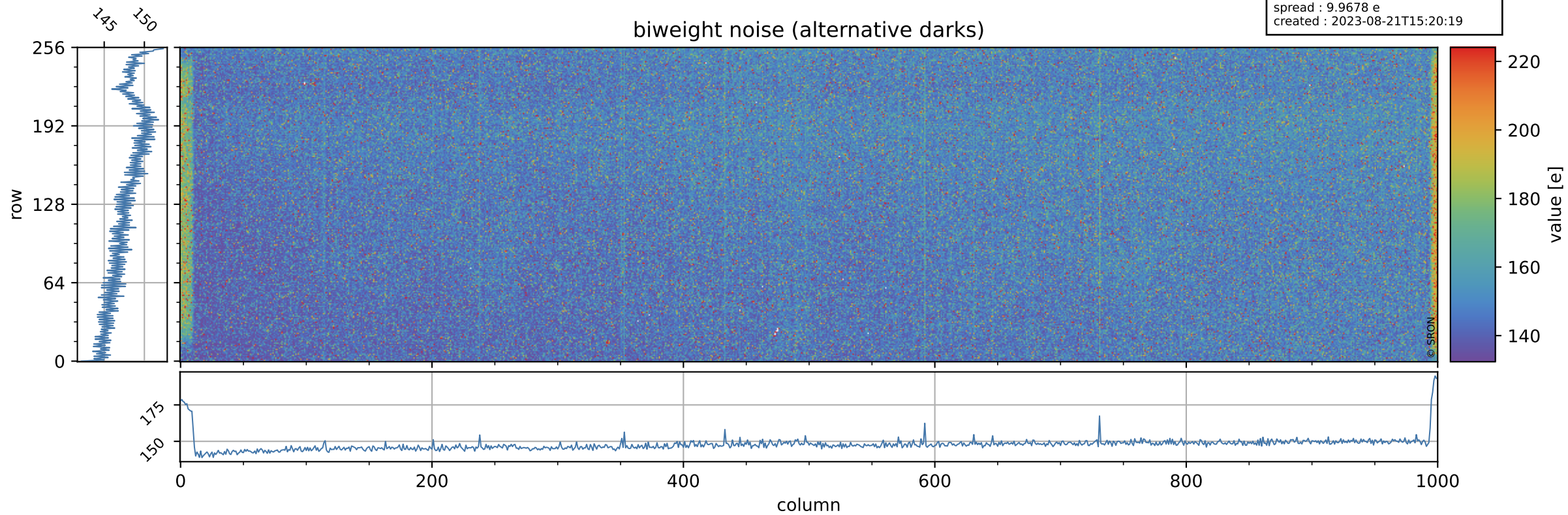
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [11452, 11527]
coverage : 2019-12-28 / 2020-01-03
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 9.9678 e
created : 2023-08-21T15:20:19

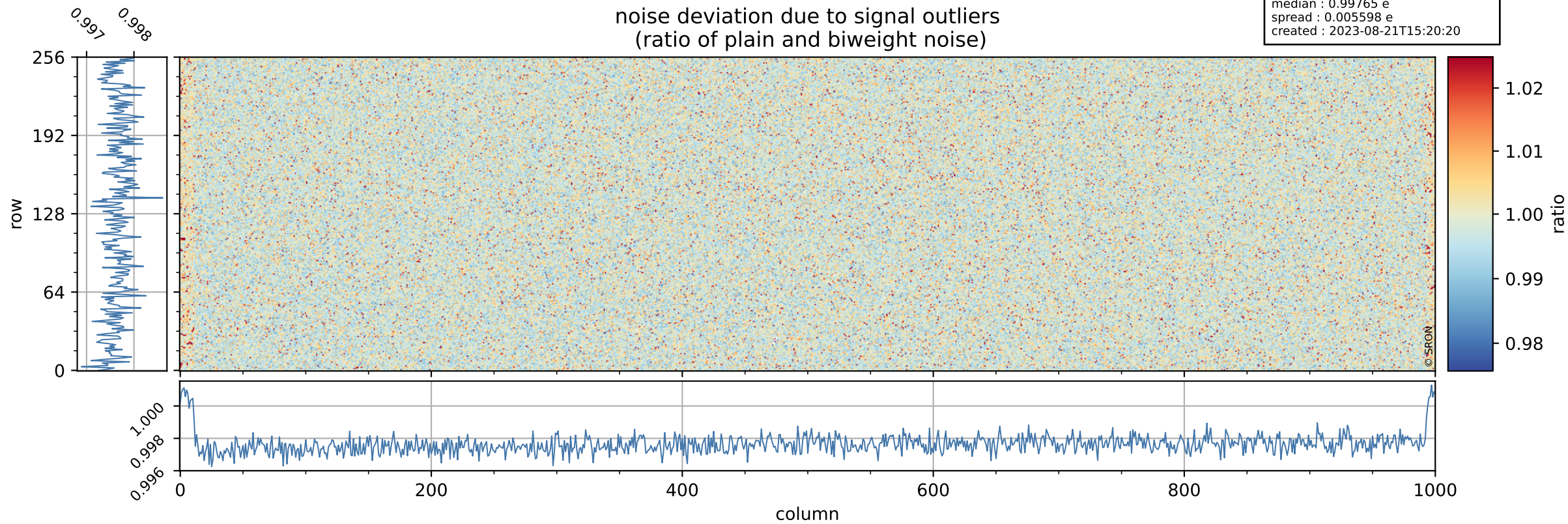
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

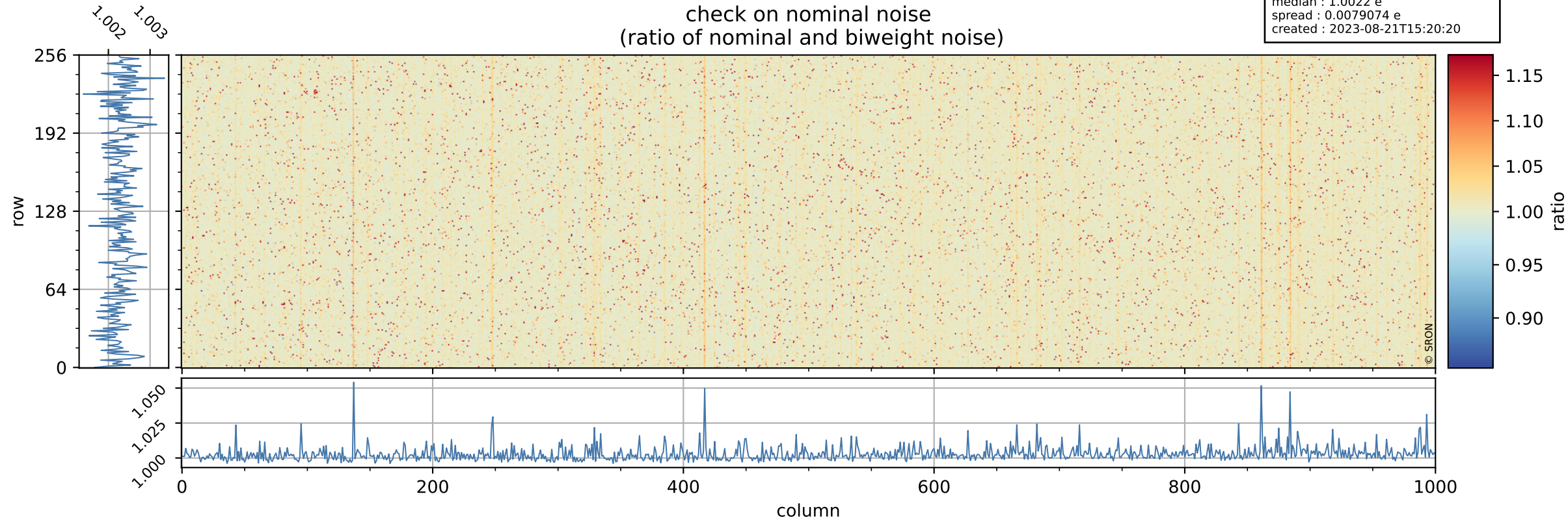
orbits : 13 in [11452, 11527]
coverage : 2019-12-28 / 2020-01-03
median : 0.99765 e
spread : 0.005598 e
created : 2023-08-21T15:20:20



Tropomi SWIR background noise (swir)

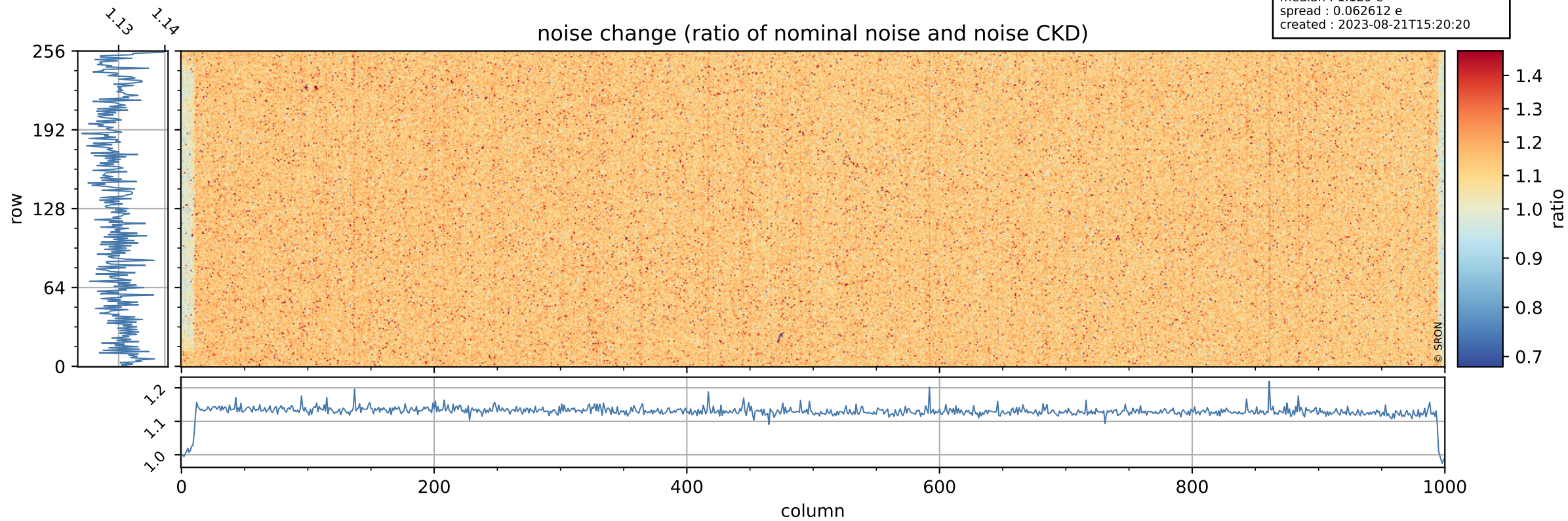
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [11452, 11527]
coverage : 2019-12-28 / 2020-01-03
median : 1.0022 e
spread : 0.0079074 e
created : 2023-08-21T15:20:20



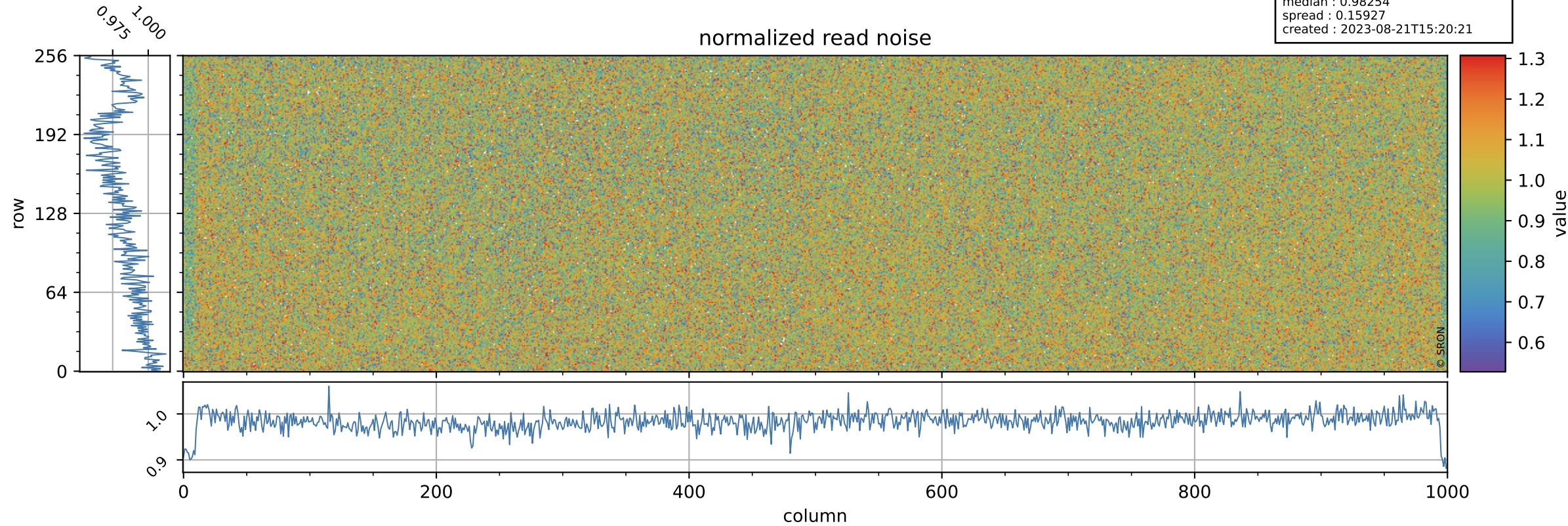
Tropomi SWIR background noise (swir)

orbits : 13 in [11452, 11527]
coverage : 2019-12-28 / 2020-01-03
median : 1.129 e
spread : 0.062612 e
created : 2023-08-21T15:20:20



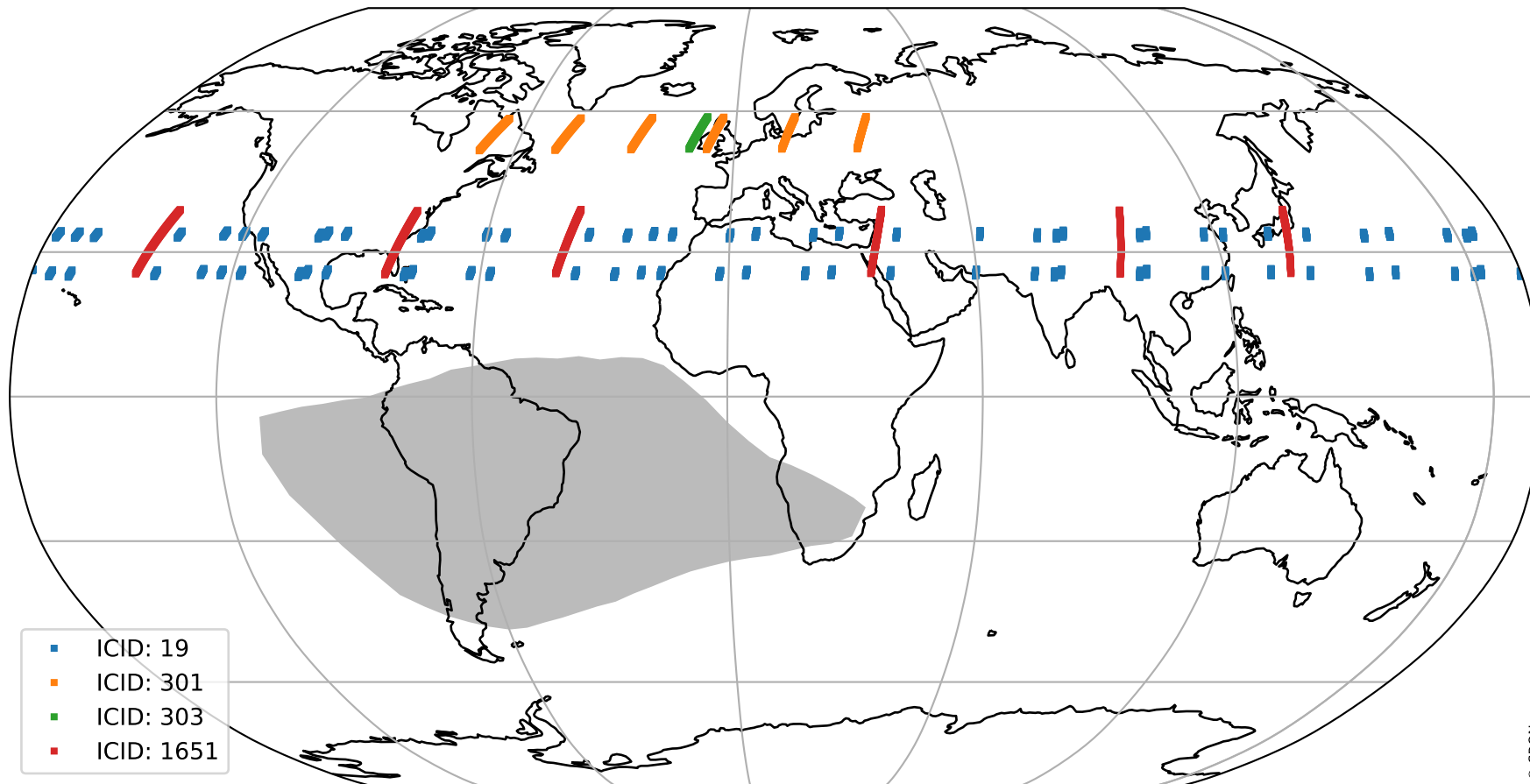
Tropomi SWIR background noise (swir)

orbits : 13 in [11452, 11527]
coverage : 2019-12-28 / 2020-01-03
median : 0.98254
spread : 0.15927
created : 2023-08-21T15:20:21



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

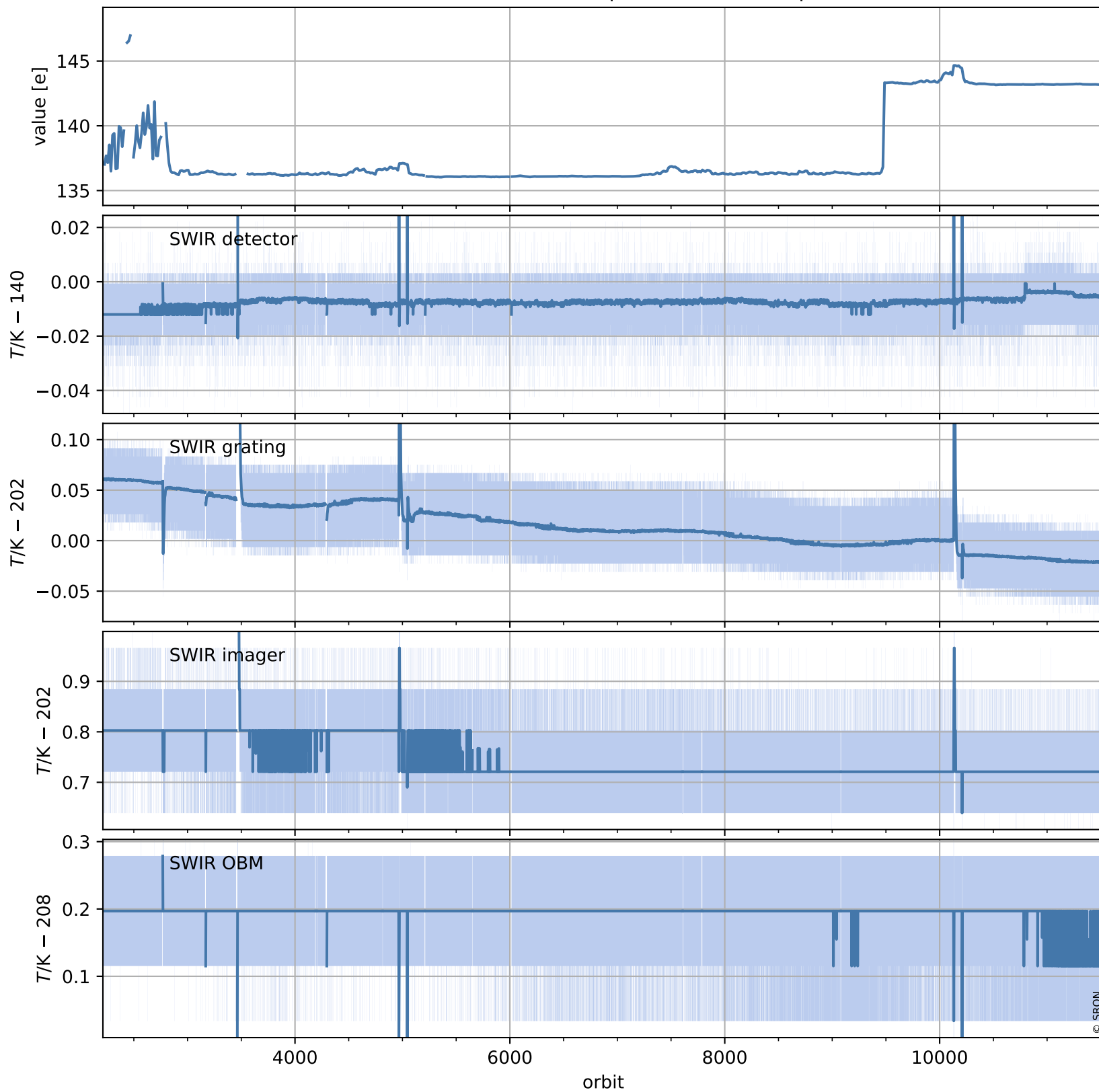
orbits : 13 in [11452, 11527]
coverage : 2019-12-28 / 2020-01-03
created : 2023-08-21T15:20:21



Tropomi SWIR background noise (swir)

orbits : [2212, 11527]
coverage : 2018-03-18 / 2020-01-03
created : 2023-08-21T15:20:22

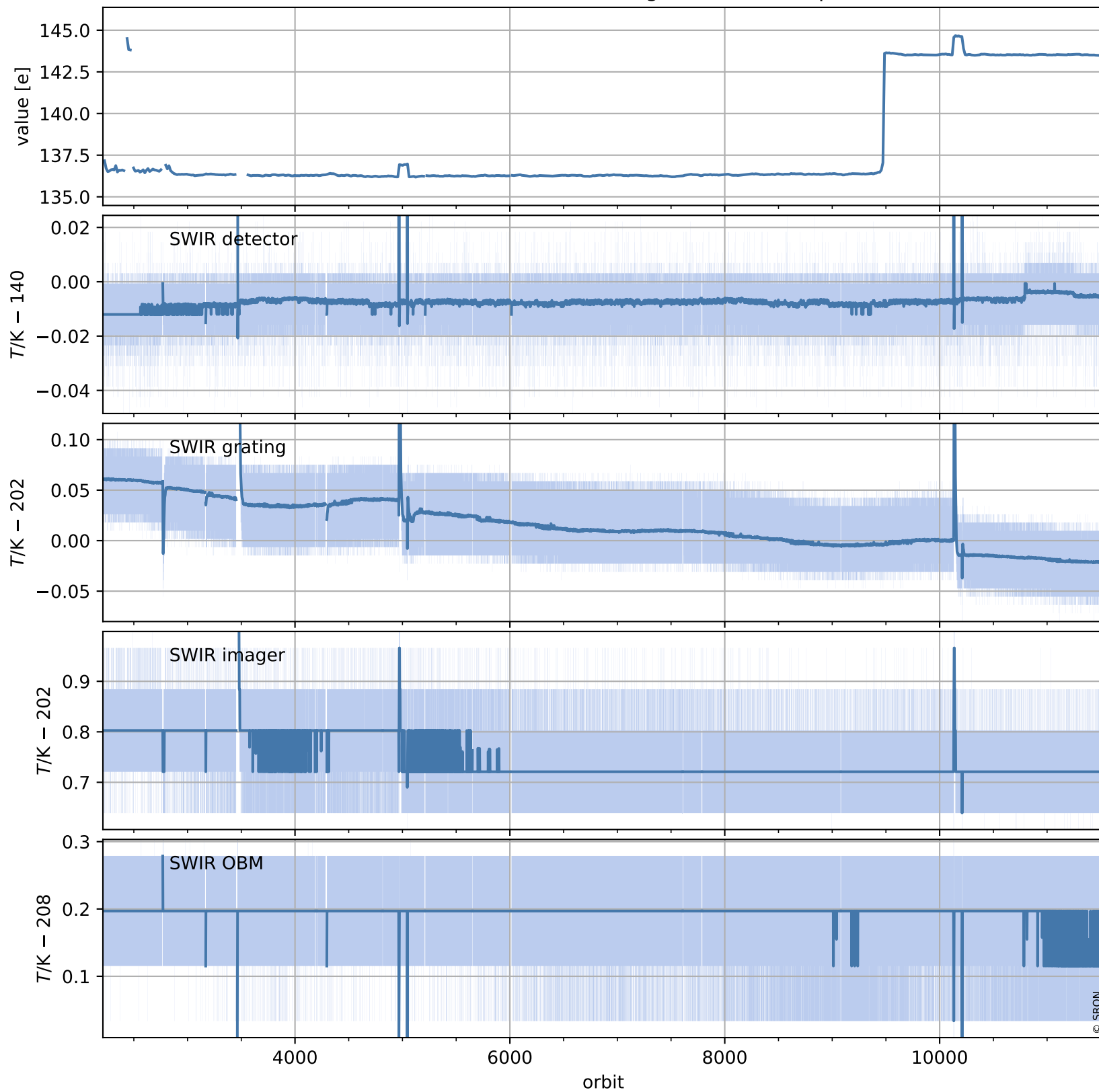
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11527]
coverage : 2018-03-18 / 2020-01-03
created : 2023-08-21T15:20:23

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11527]
coverage : 2018-03-18 / 2020-01-03
created : 2023-08-21T15:20:23

trend of normalized read-noise & temperatures

