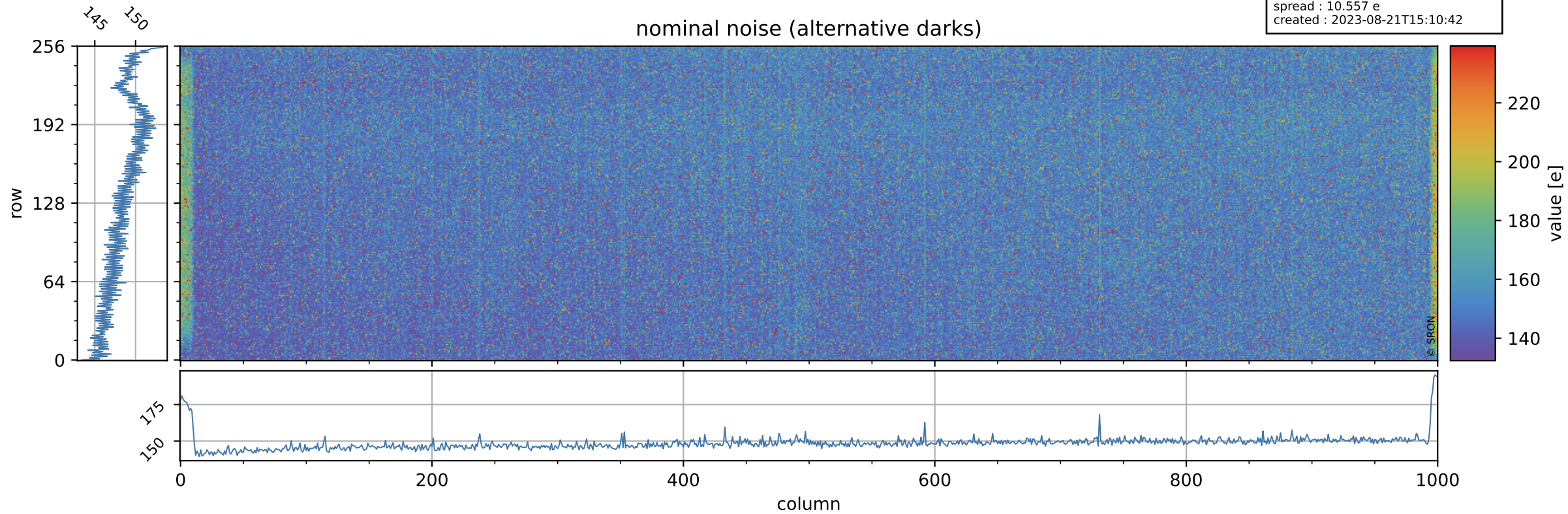


Tropomi SWIR background noise (swir)

orbits : 12 in [10192, 10267]
coverage : 2019-10-01 / 2019-10-06
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.557 e
created : 2023-08-21T15:10:42

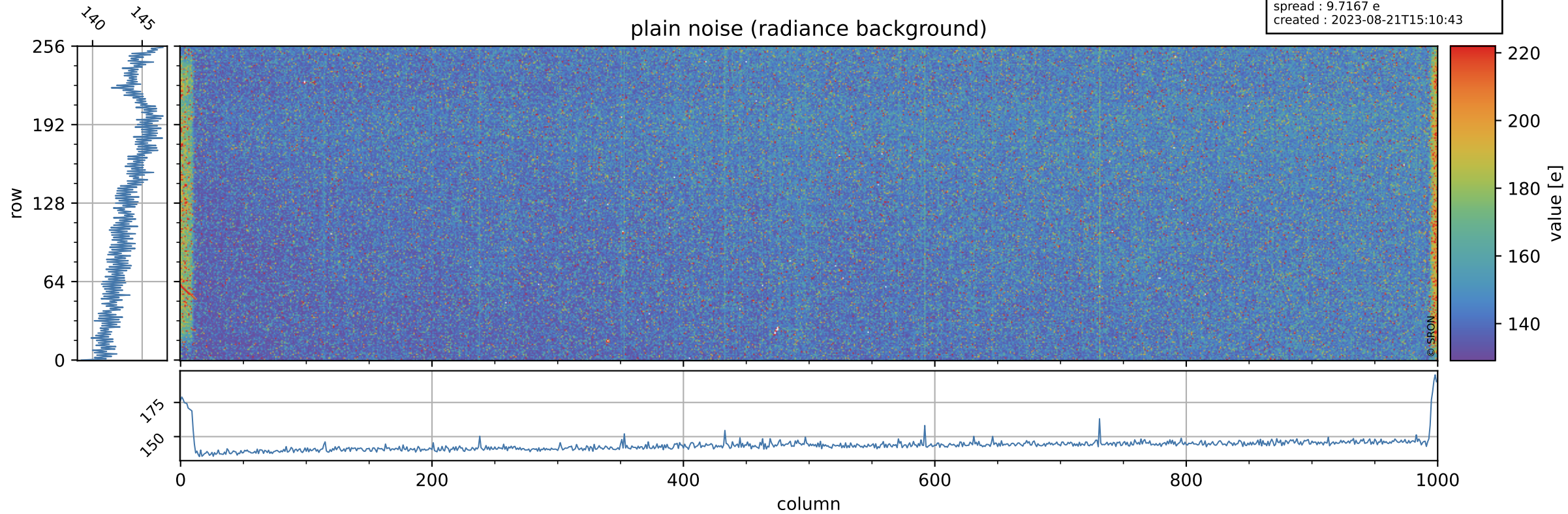
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10192, 10267]
coverage : 2019-10-01 / 2019-10-06
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.7167 e
created : 2023-08-21T15:10:43

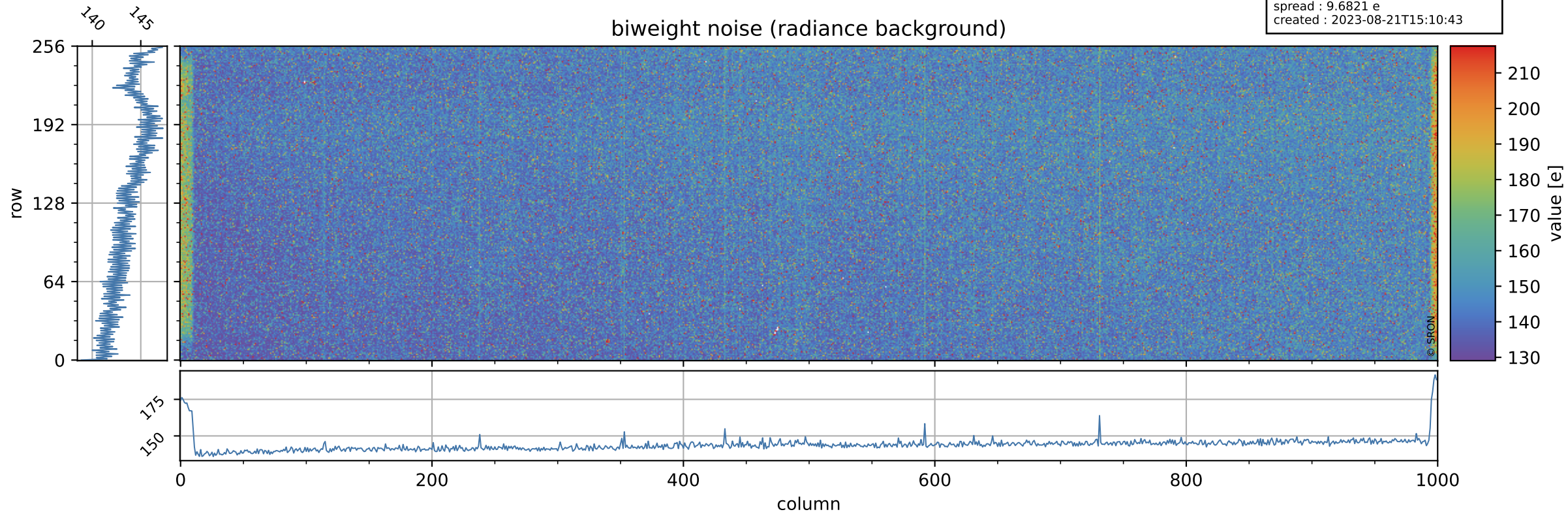
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10192, 10267]
coverage : 2019-10-01 / 2019-10-06
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.6821 e
created : 2023-08-21T15:10:43

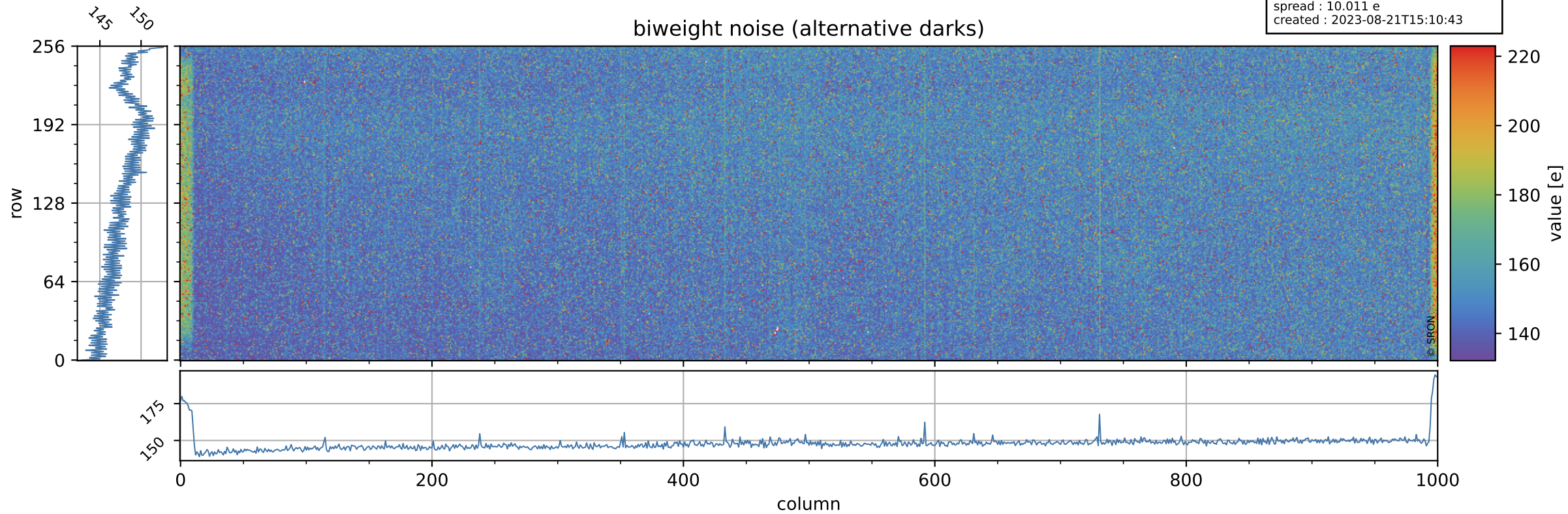
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10192, 10267]
coverage : 2019-10-01 / 2019-10-06
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.011 e
created : 2023-08-21T15:10:43

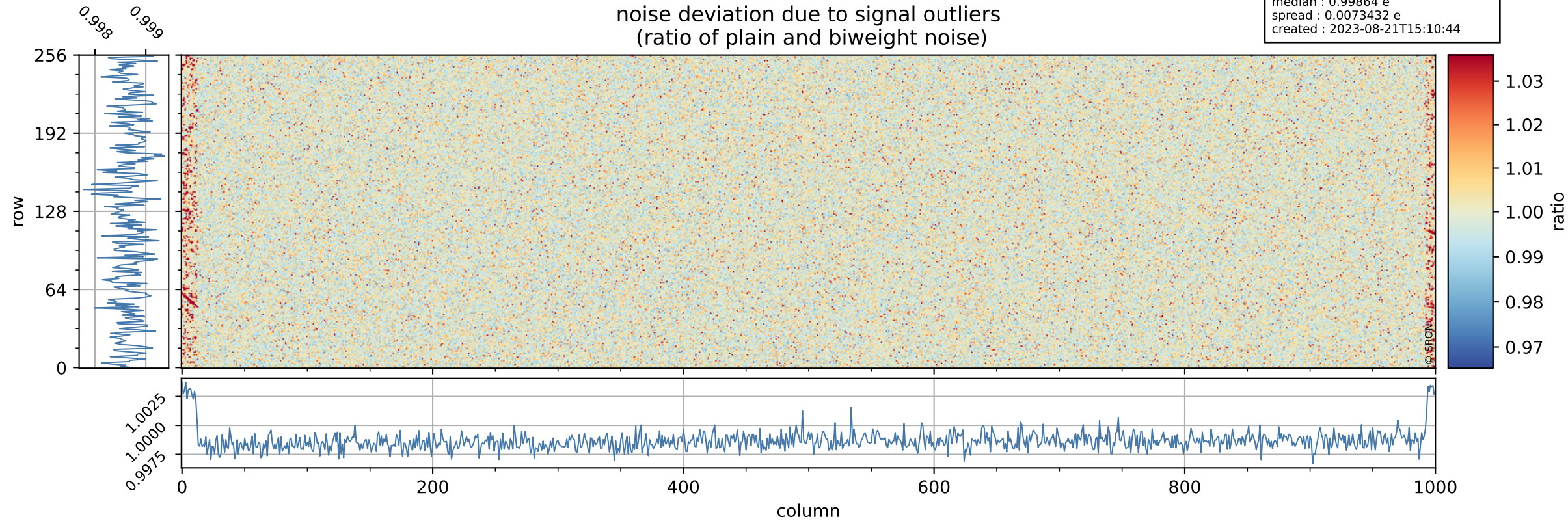
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

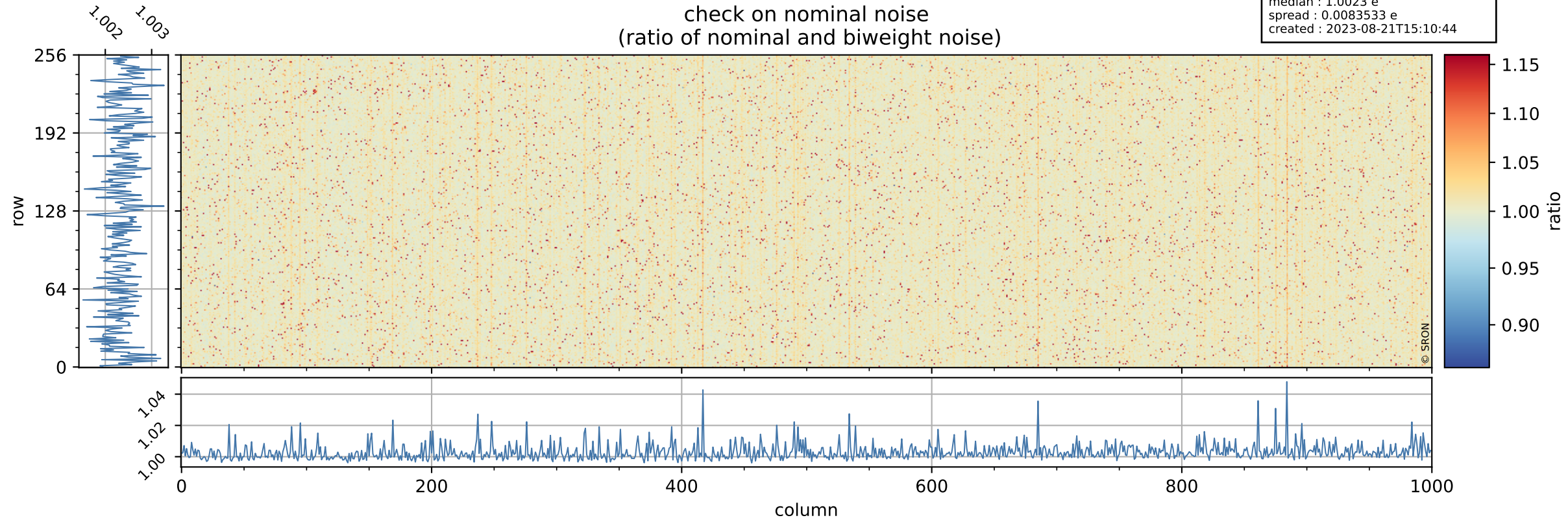
orbits : 12 in [10192, 10267]
coverage : 2019-10-01 / 2019-10-06
median : 0.99864 e
spread : 0.0073432 e
created : 2023-08-21T15:10:44



Tropomi SWIR background noise (swir)

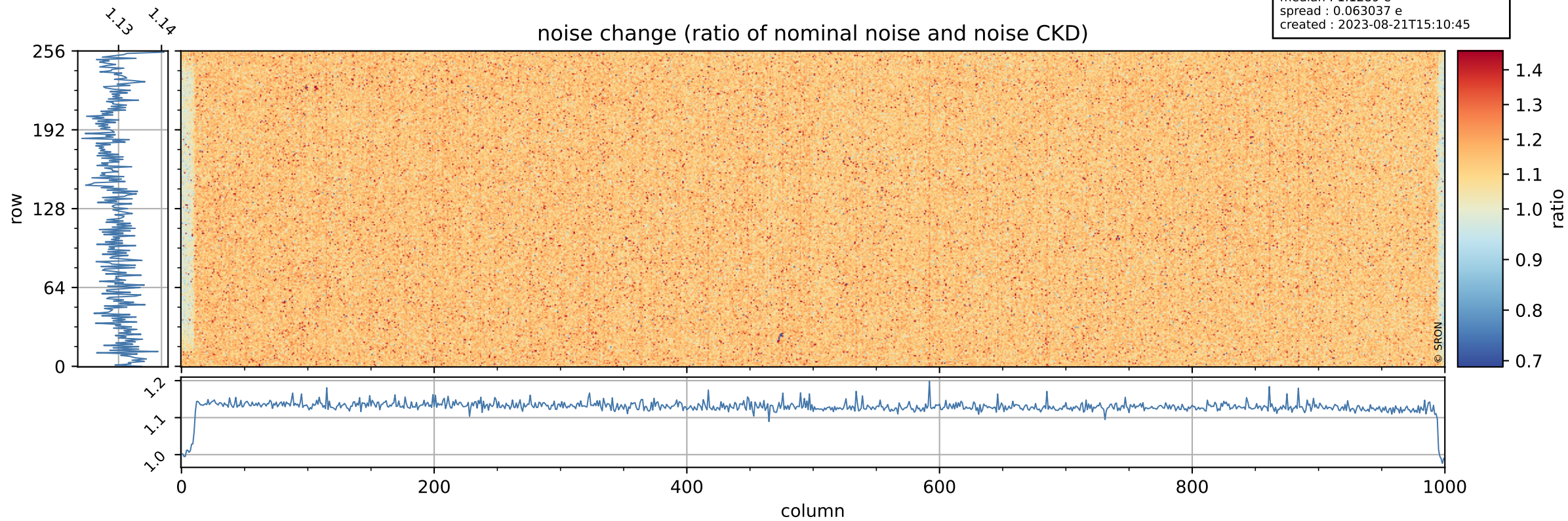
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10192, 10267]
coverage : 2019-10-01 / 2019-10-06
median : 1.0023 e
spread : 0.0083533 e
created : 2023-08-21T15:10:44



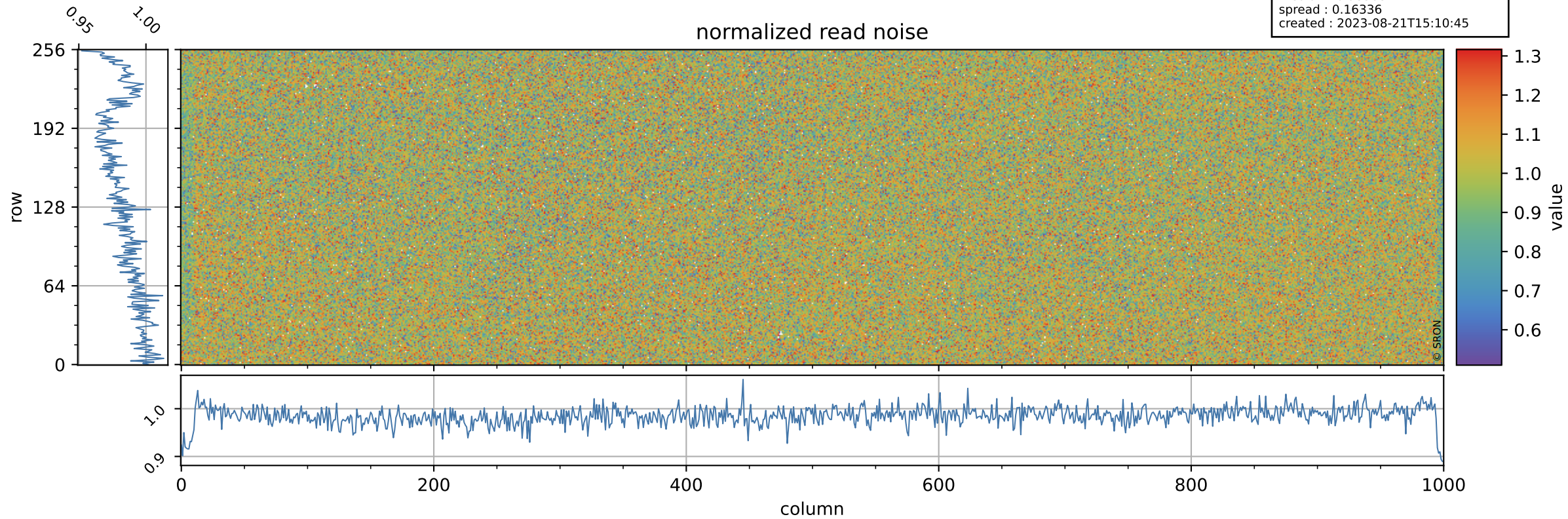
Tropomi SWIR background noise (swir)

orbits : 12 in [10192, 10267]
coverage : 2019-10-01 / 2019-10-06
median : 1.1289 e
spread : 0.063037 e
created : 2023-08-21T15:10:45



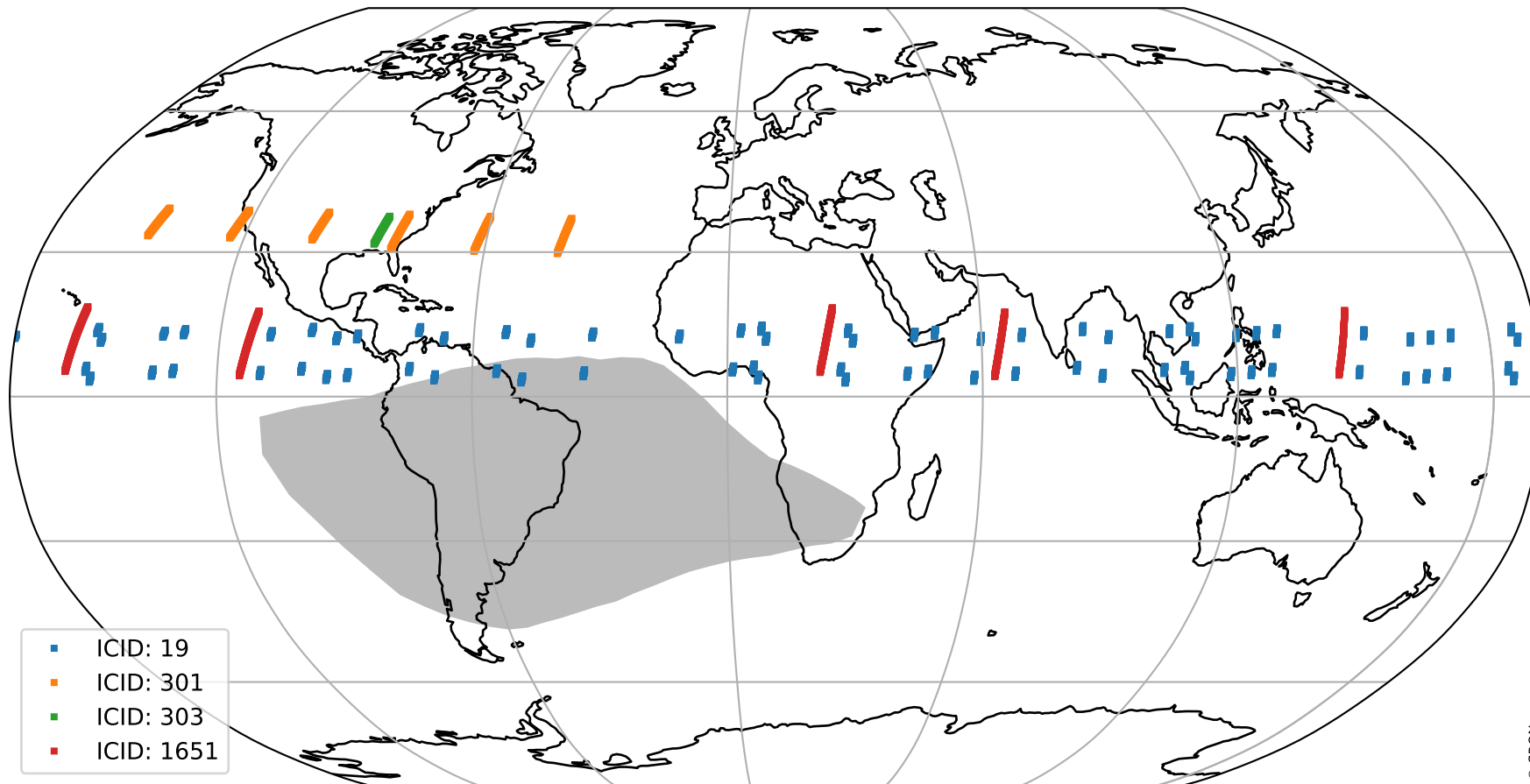
Tropomi SWIR background noise (swir)

orbits : 12 in [10192, 10267]
coverage : 2019-10-01 / 2019-10-06
median : 0.98368
spread : 0.16336
created : 2023-08-21T15:10:45



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

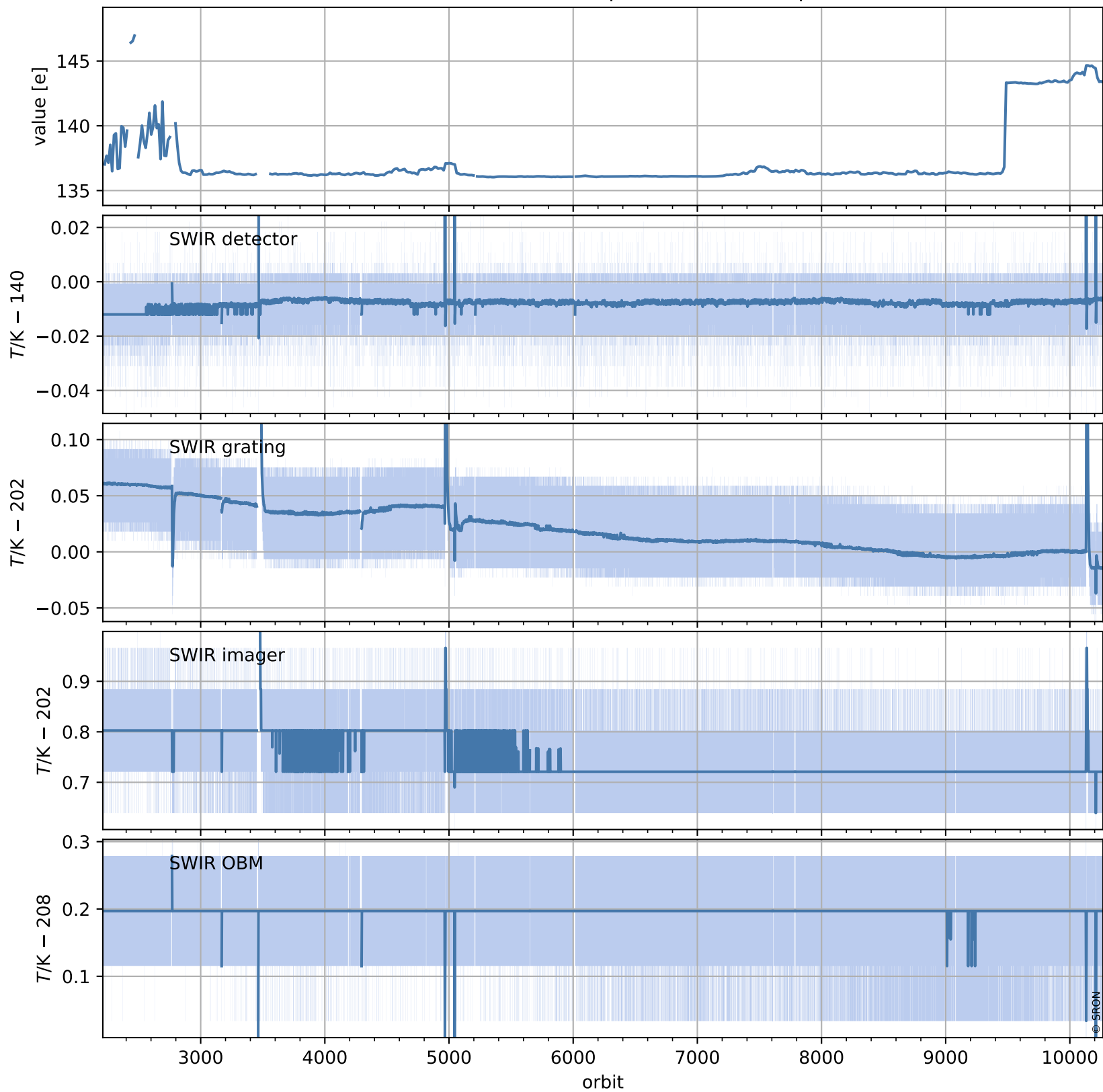
orbits : 12 in [10192, 10267]
coverage : 2019-10-01 / 2019-10-06
created : 2023-08-21T15:10:46



Tropomi SWIR background noise (swir)

orbits : [2212, 10267]
coverage : 2018-03-18 / 2019-10-06
created : 2023-08-21T15:10:46

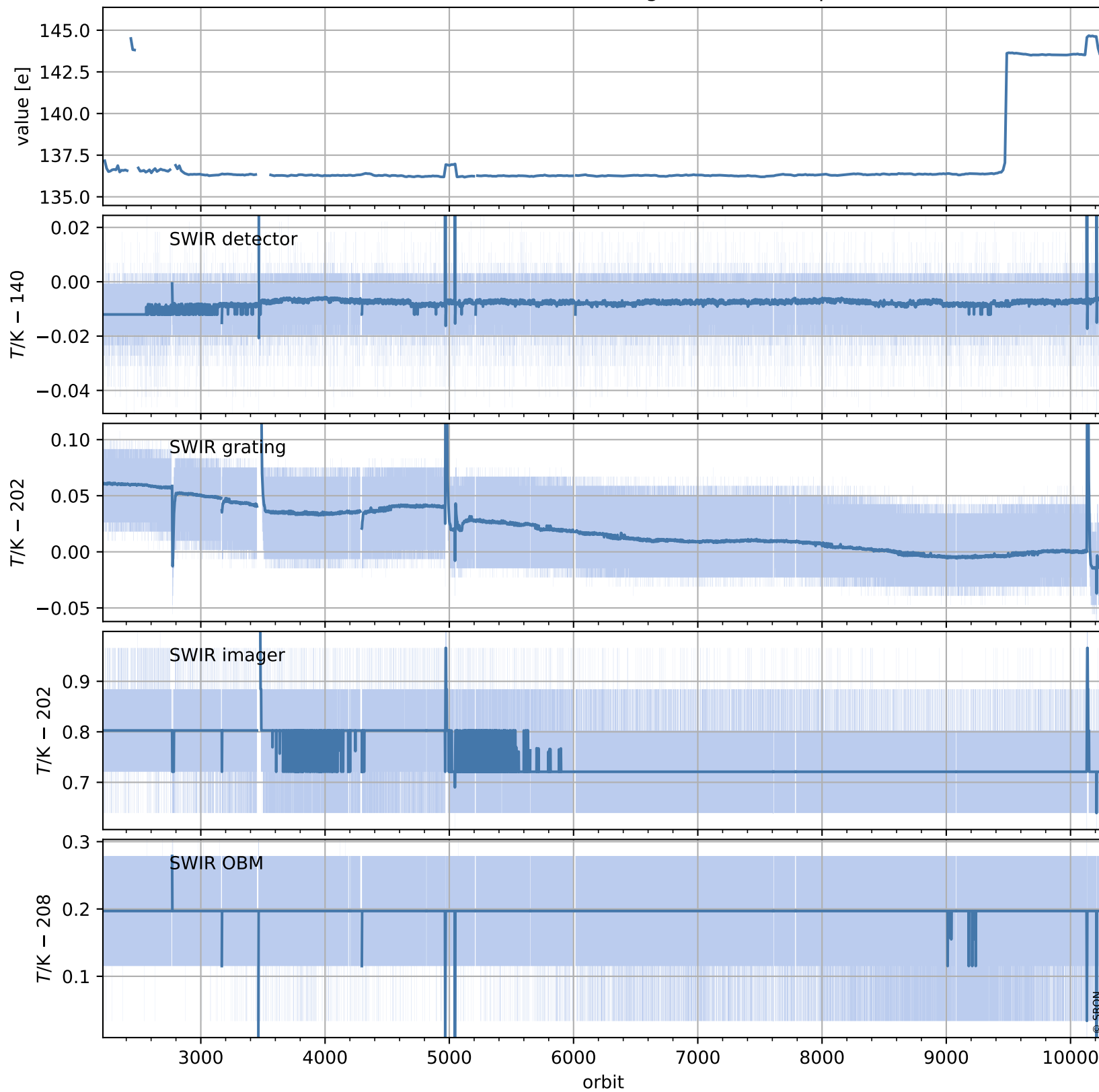
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10267]
coverage : 2018-03-18 / 2019-10-06
created : 2023-08-21T15:10:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10267]
coverage : 2018-03-18 / 2019-10-06
created : 2023-08-21T15:10:48

trend of normalized read-noise & temperatures

