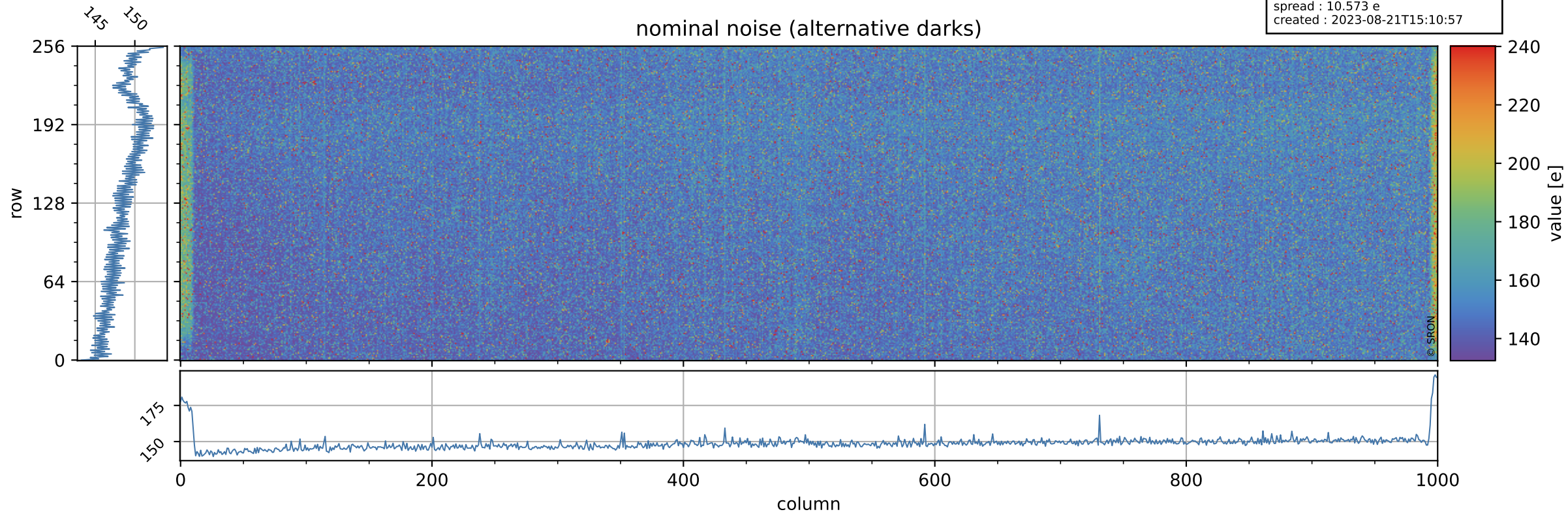


Tropomi SWIR background noise (swir)

orbits : 12 in [10207, 10297]
coverage : 2019-10-03 / 2019-10-09
n_coad, t_exp : 1, 1.0783
median : 148.49 e
spread : 10.573 e
created : 2023-08-21T15:10:57

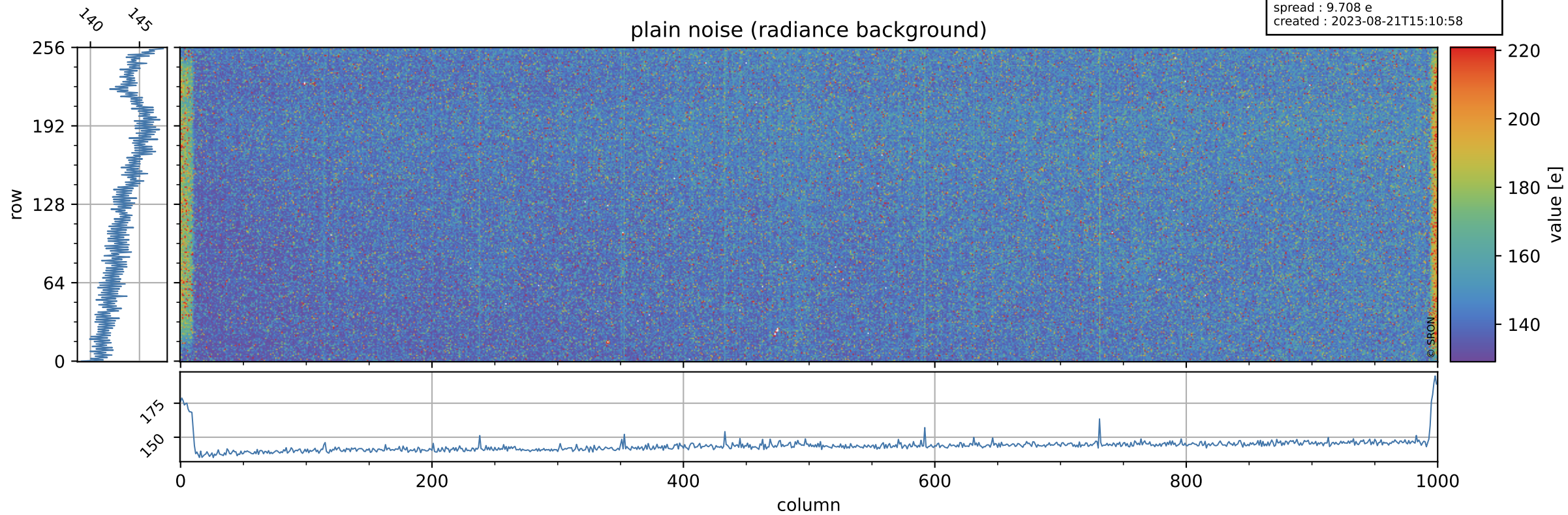
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10207, 10297]
coverage : 2019-10-03 / 2019-10-09
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.708 e
created : 2023-08-21T15:10:58

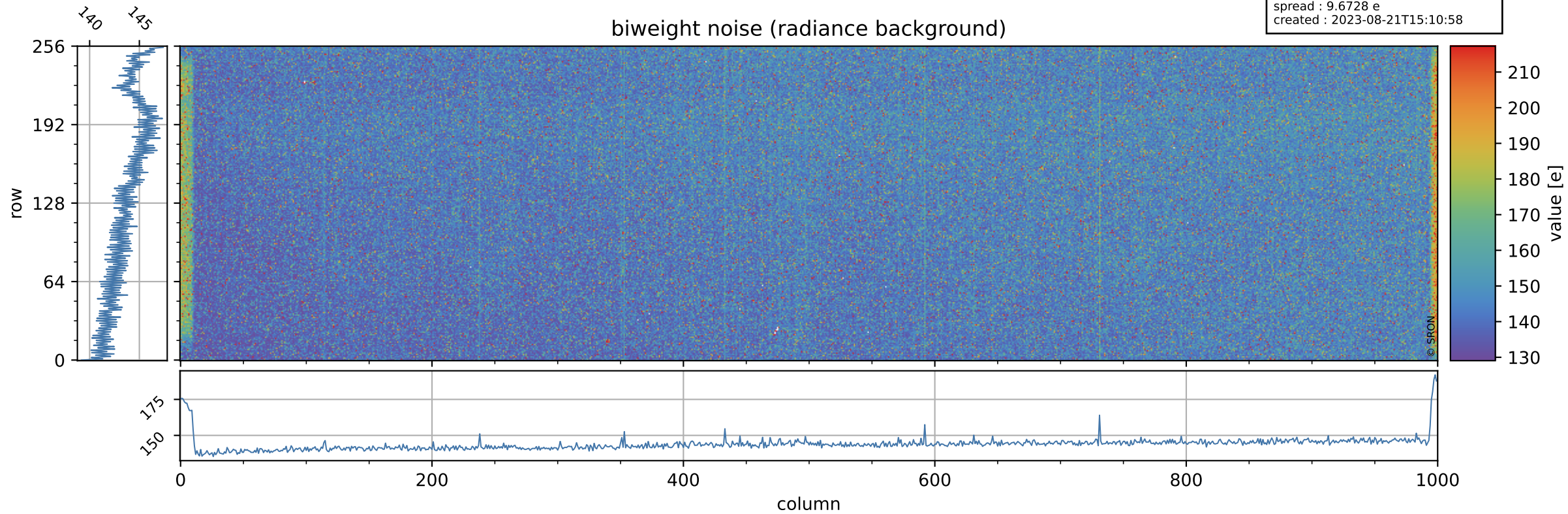
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10207, 10297]
coverage : 2019-10-03 / 2019-10-09
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.6728 e
created : 2023-08-21T15:10:58

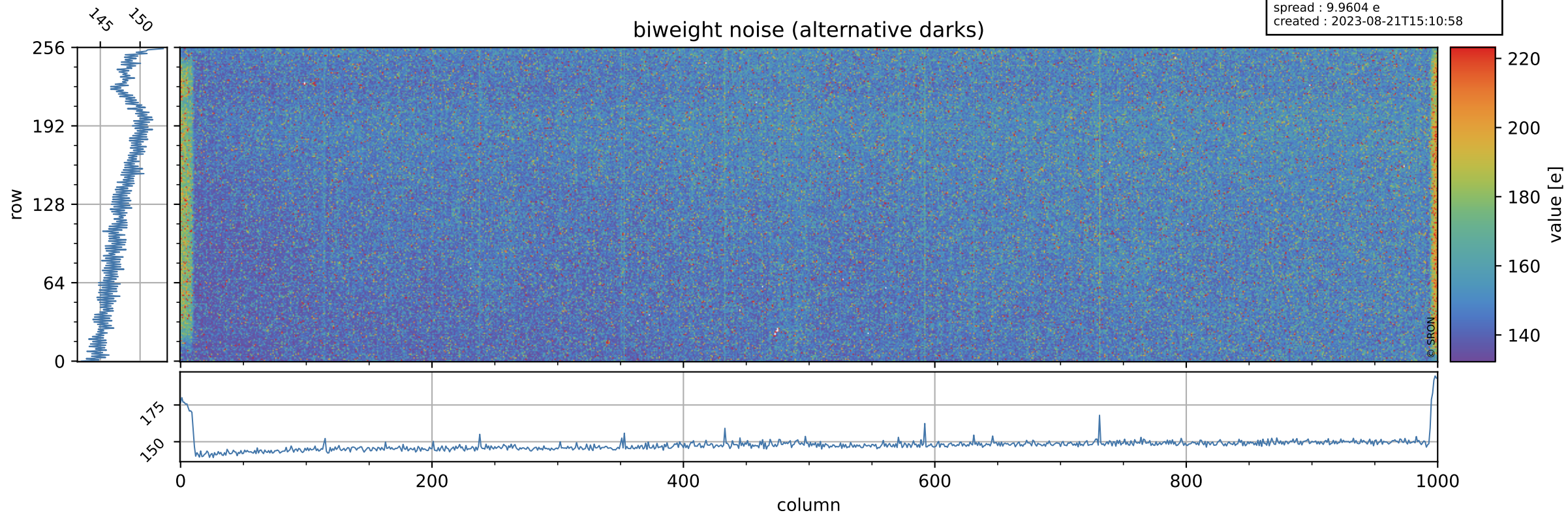
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10207, 10297]
coverage : 2019-10-03 / 2019-10-09
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 9.9604 e
created : 2023-08-21T15:10:58

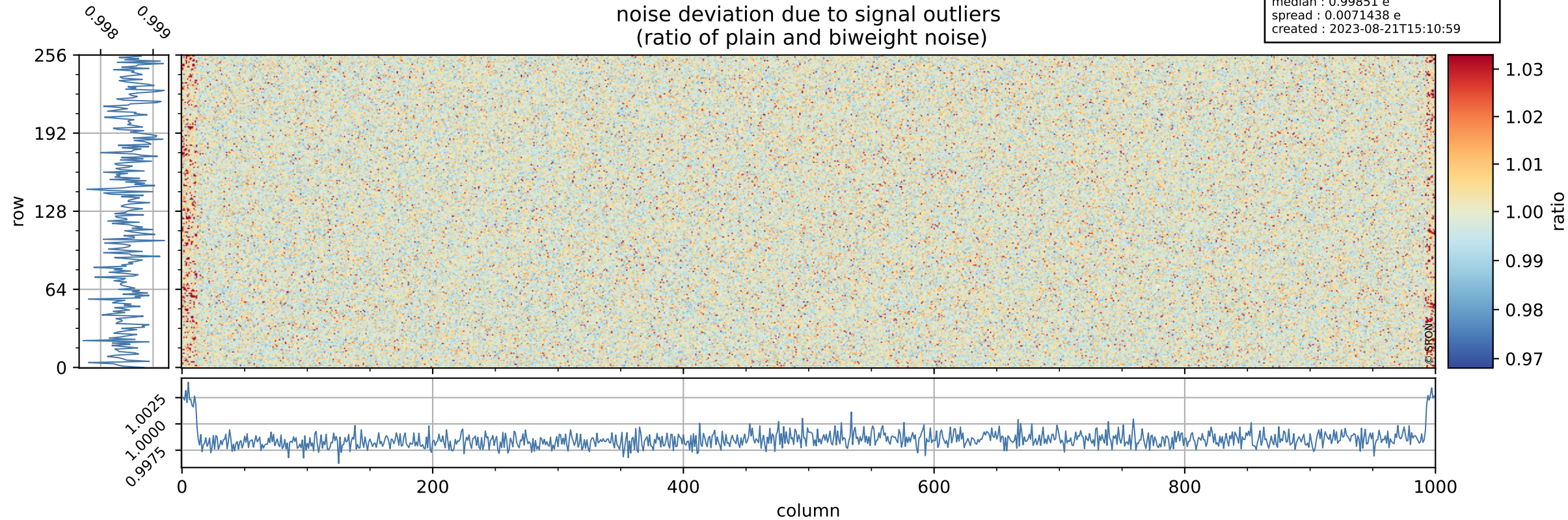
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

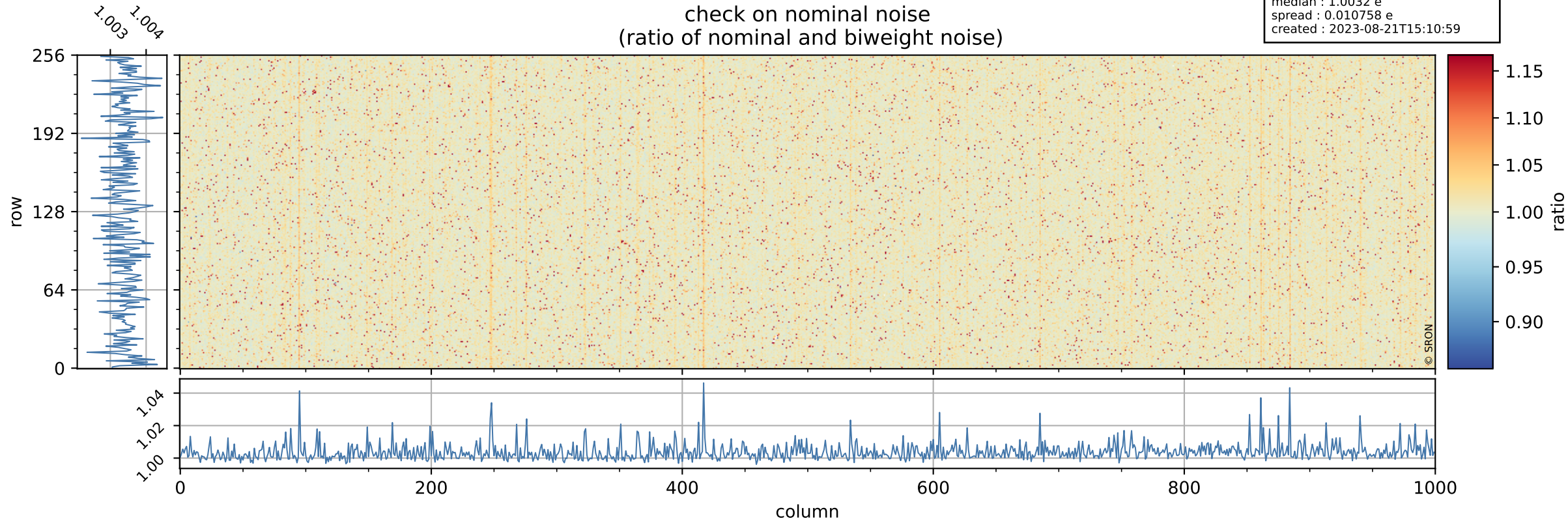
orbits : 12 in [10207, 10297]
coverage : 2019-10-03 / 2019-10-09
median : 0.99851 e
spread : 0.0071438 e
created : 2023-08-21T15:10:59



Tropomi SWIR background noise (swir)

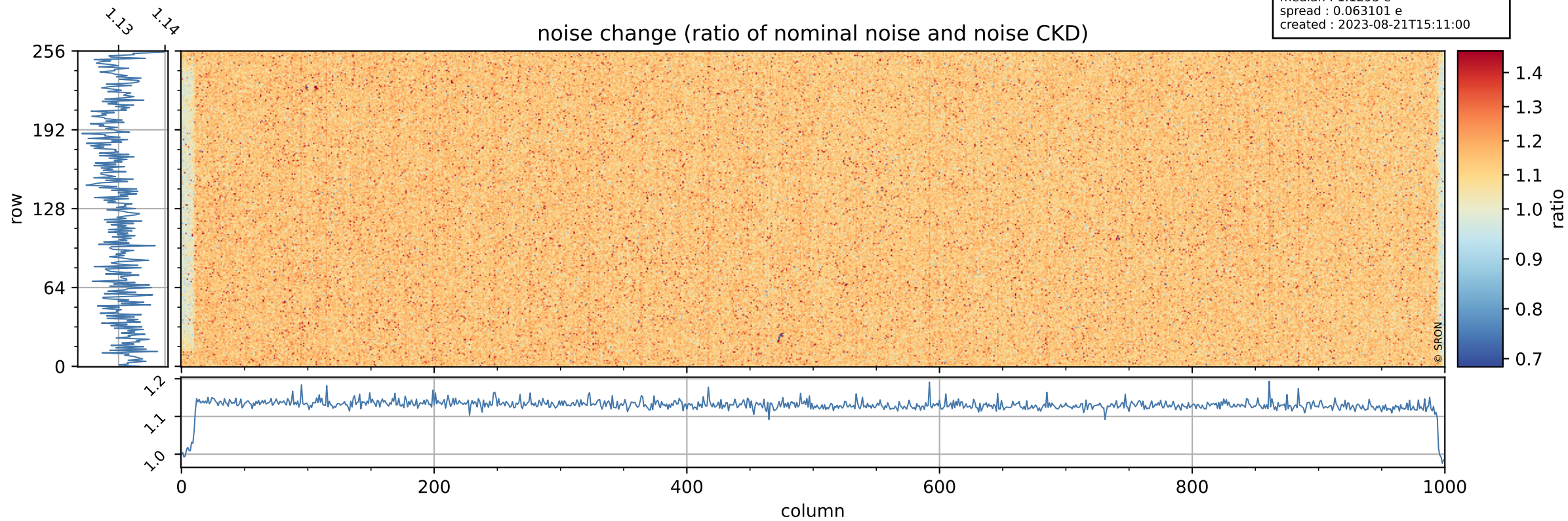
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10207, 10297]
coverage : 2019-10-03 / 2019-10-09
median : 1.0032 e
spread : 0.010758 e
created : 2023-08-21T15:10:59



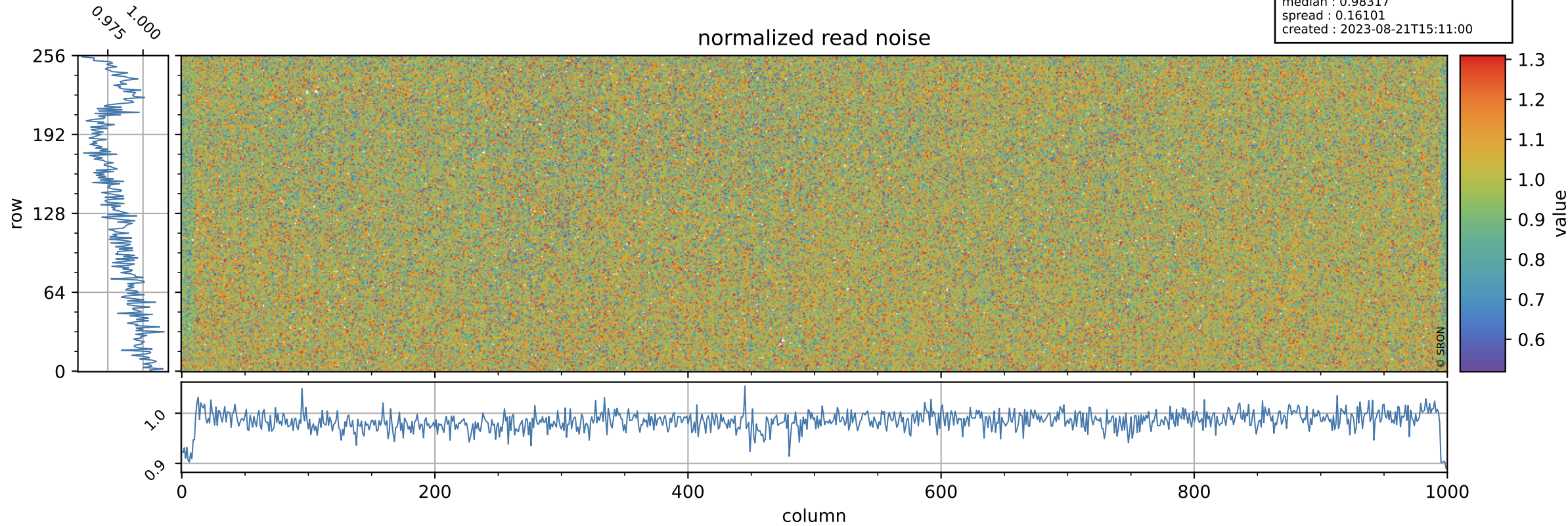
Tropomi SWIR background noise (swir)

orbits : 12 in [10207, 10297]
coverage : 2019-10-03 / 2019-10-09
median : 1.1295 e
spread : 0.063101 e
created : 2023-08-21T15:11:00



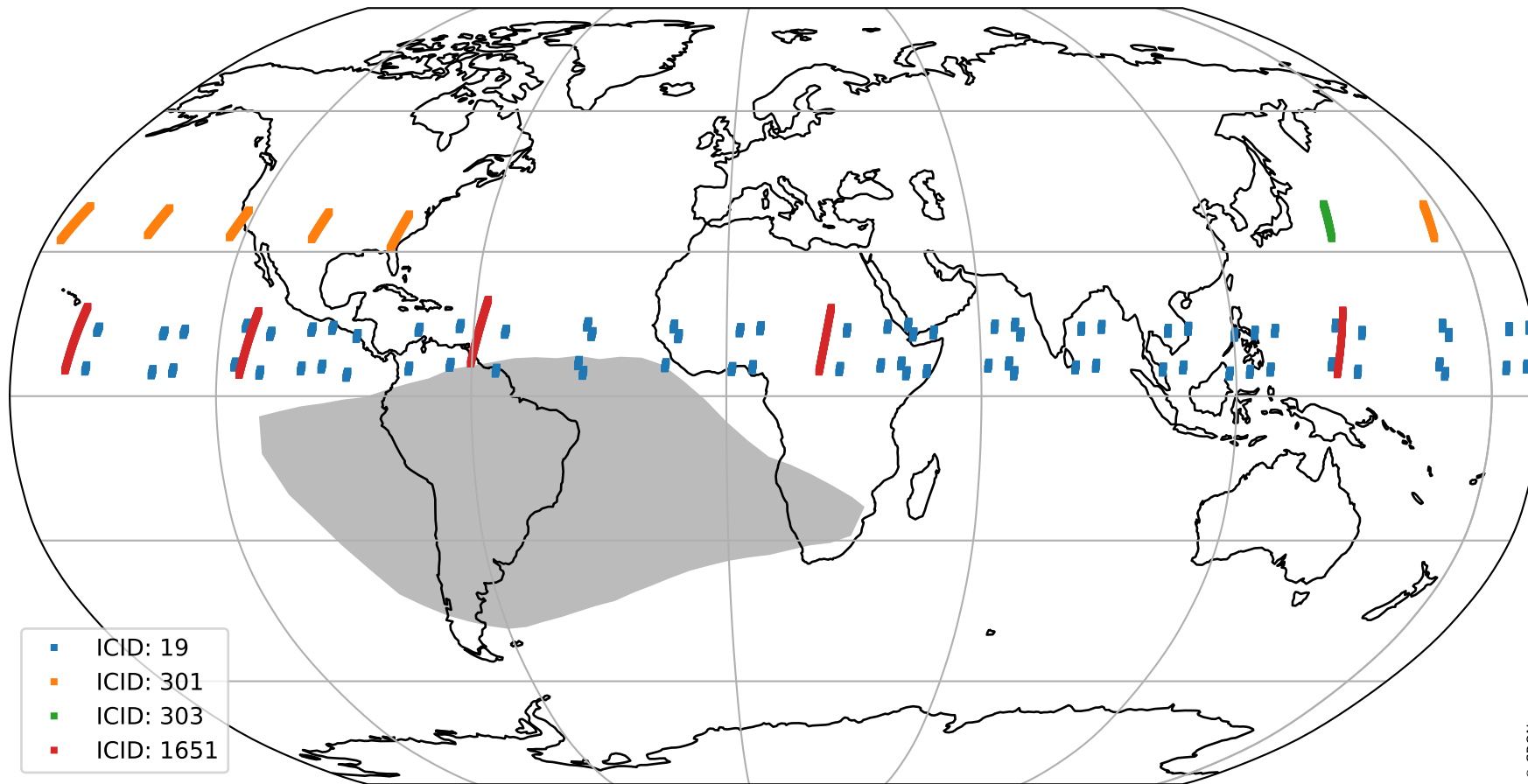
Tropomi SWIR background noise (swir)

orbits : 12 in [10207, 10297]
coverage : 2019-10-03 / 2019-10-09
median : 0.98317
spread : 0.16101
created : 2023-08-21T15:11:00



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

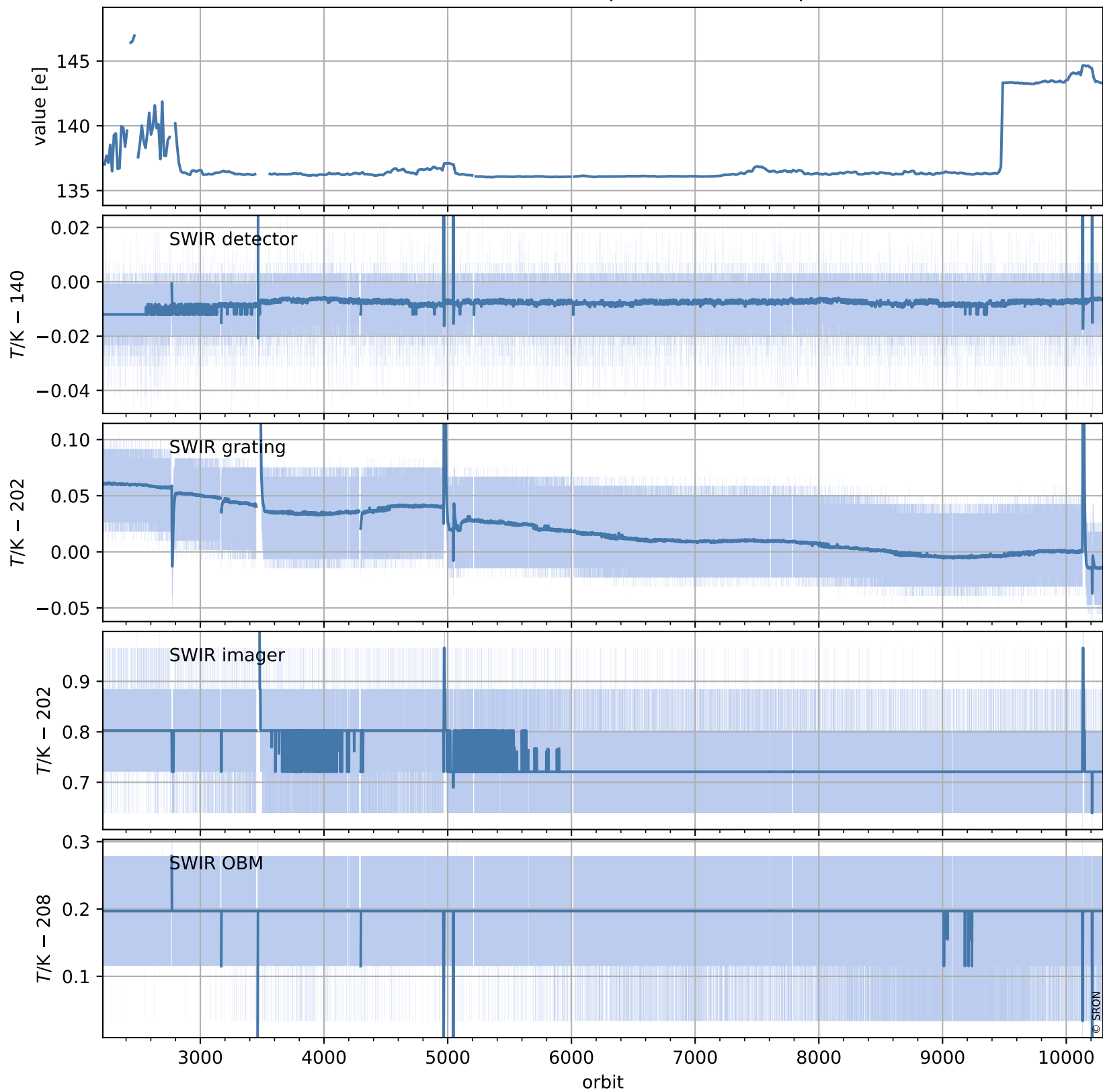
orbits : 12 in [10207, 10297]
coverage : 2019-10-03 / 2019-10-09
created : 2023-08-21T15:11:01



Tropomi SWIR background noise (swir)

orbits : [2212, 10297]
coverage : 2018-03-18 / 2019-10-09
created : 2023-08-21T15:11:01

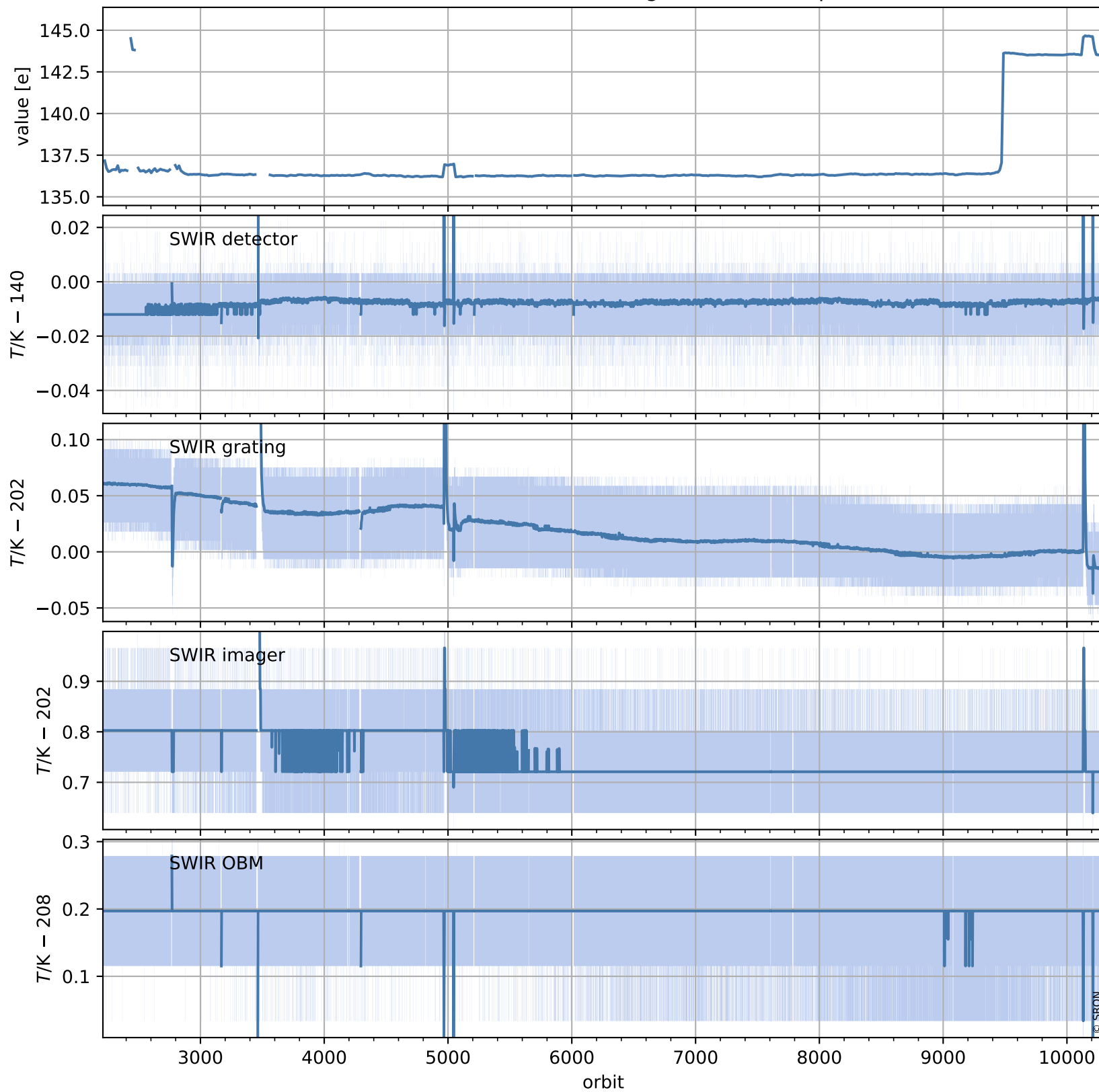
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10297]
coverage : 2018-03-18 / 2019-10-09
created : 2023-08-21T15:11:02

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10297]
coverage : 2018-03-18 / 2019-10-09
created : 2023-08-21T15:11:03

trend of normalized read-noise & temperatures

