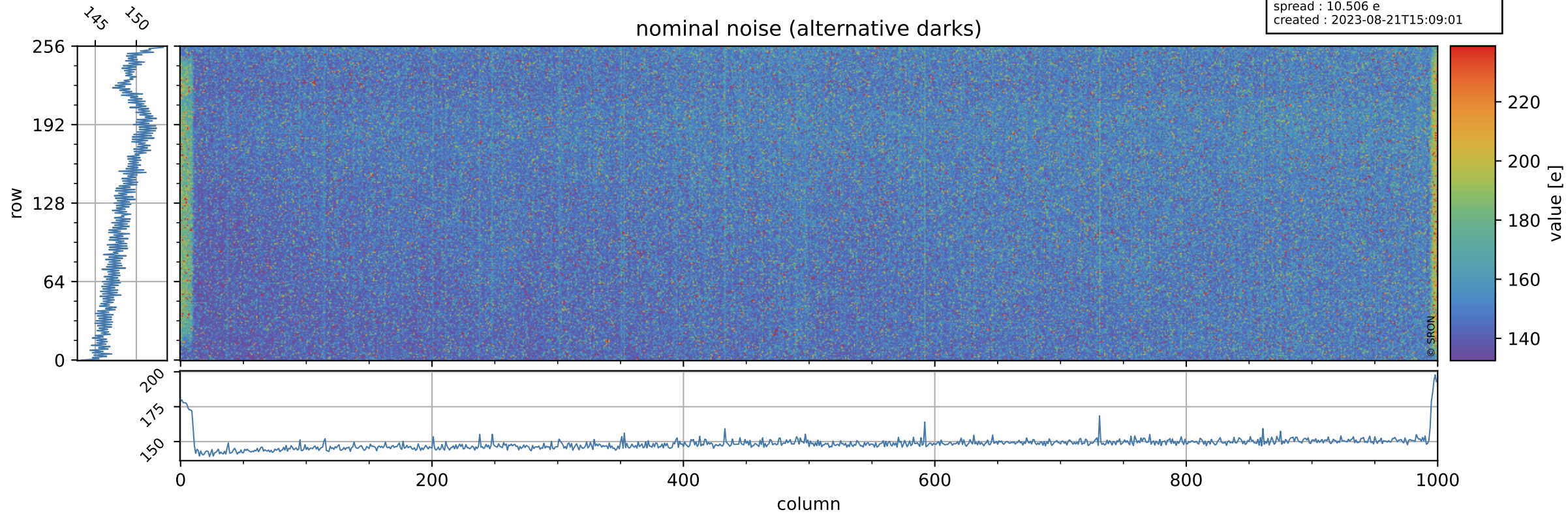


Tropomi SWIR background noise (swir)

orbits : 13 in [9967, 10057]
coverage : 2019-09-16 / 2019-09-22
n_coad, t_exp : 1, 1.0783
median : 148.43 e
spread : 10.506 e
created : 2023-08-21T15:09:01

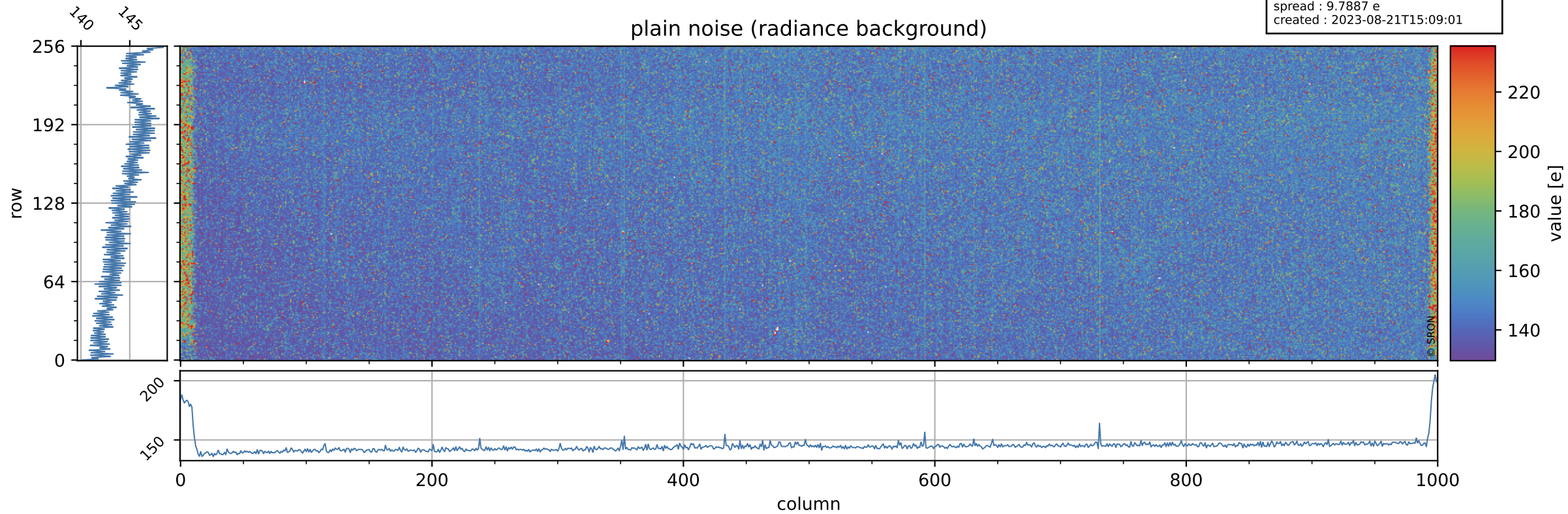
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [9967, 10057]
coverage : 2019-09-16 / 2019-09-22
n_coad, t_exp : 1, 0.8383
median : 144.24 e
spread : 9.7887 e
created : 2023-08-21T15:09:01

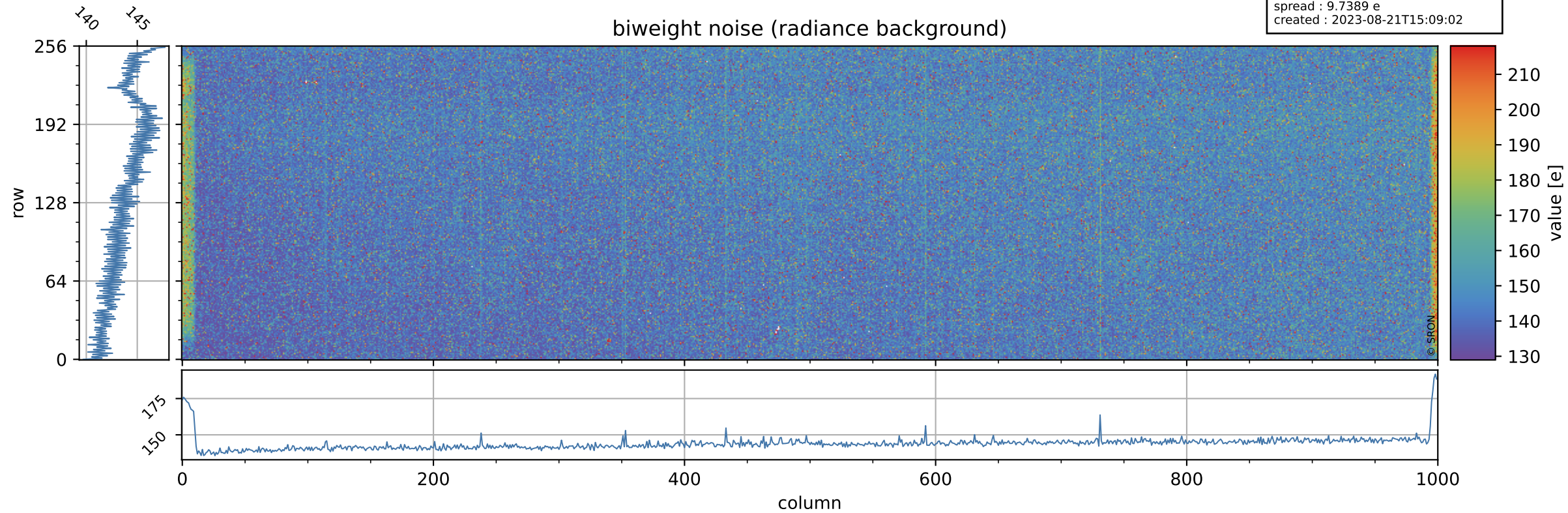
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9967, 10057]
coverage : 2019-09-16 / 2019-09-22
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.7389 e
created : 2023-08-21T15:09:02

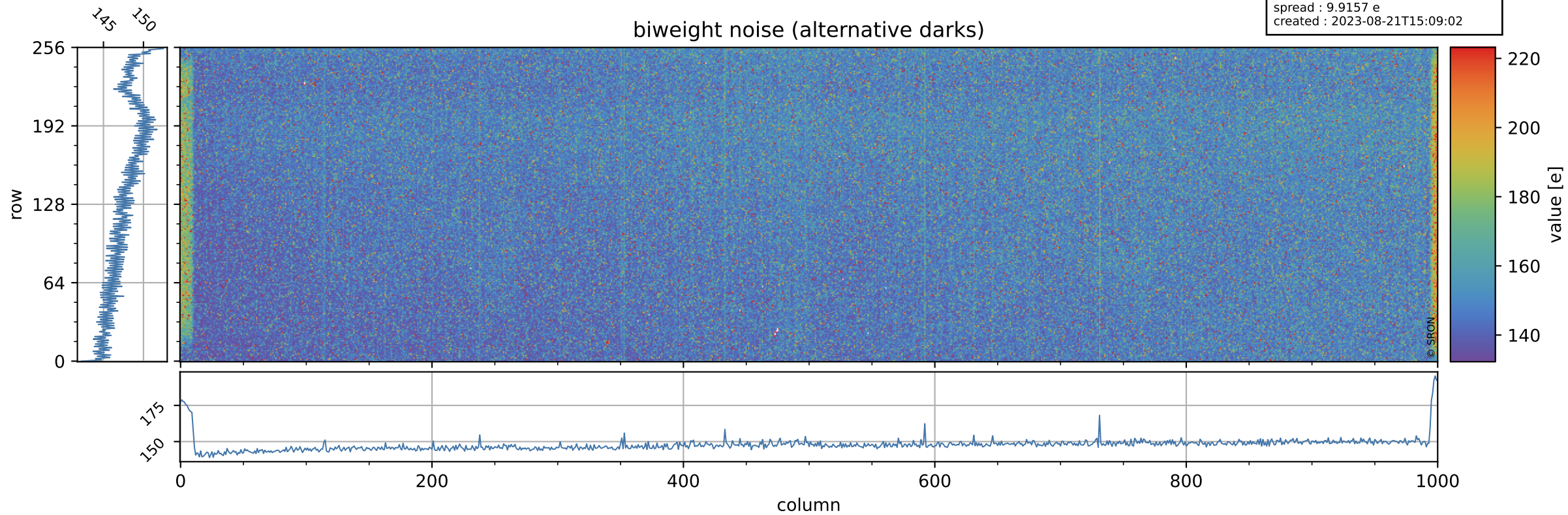
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9967, 10057]
coverage : 2019-09-16 / 2019-09-22
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.9157 e
created : 2023-08-21T15:09:02

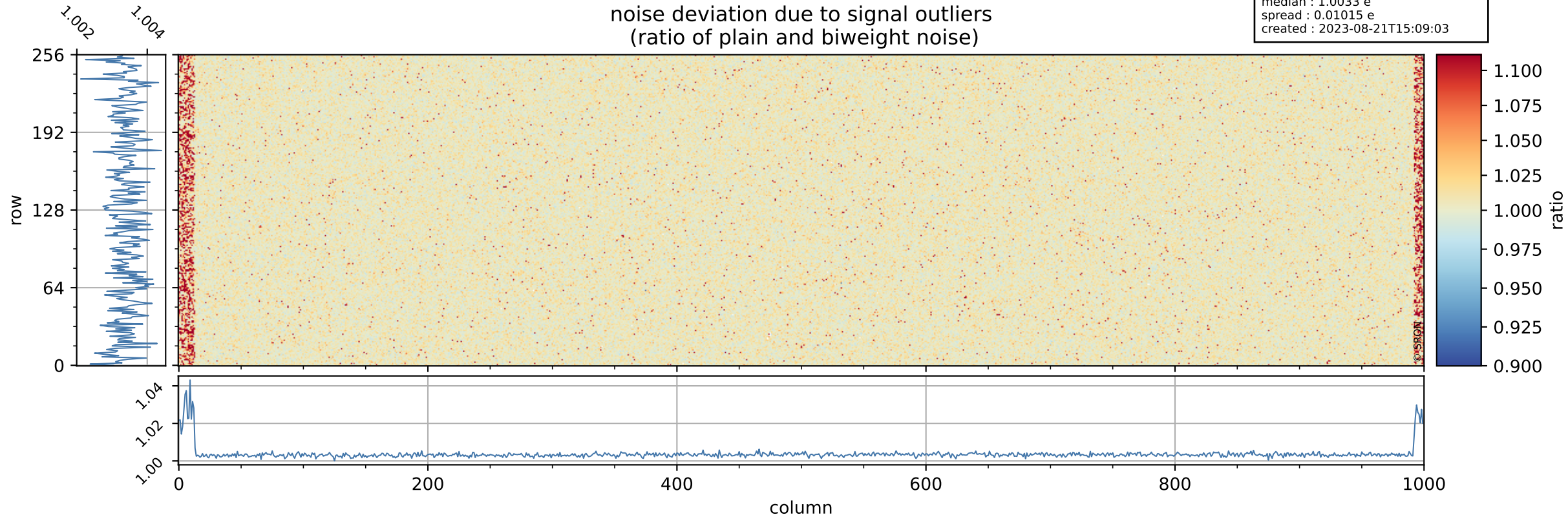
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

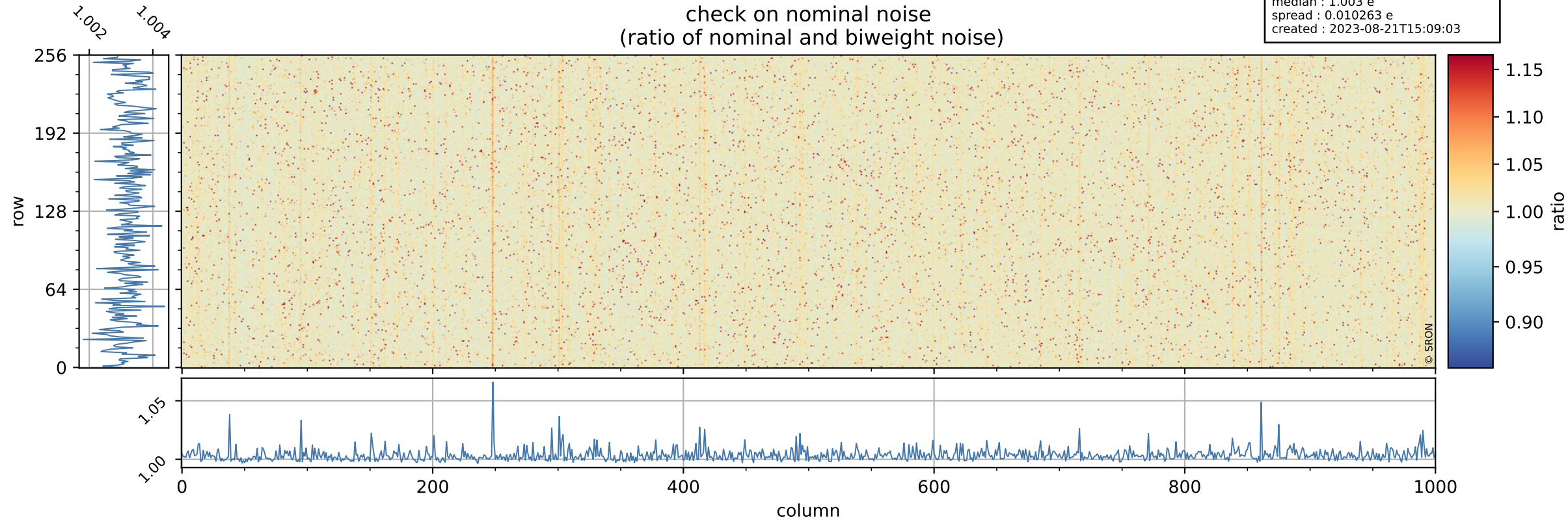
orbits : 13 in [9967, 10057]
coverage : 2019-09-16 / 2019-09-22
median : 1.0033 e
spread : 0.01015 e
created : 2023-08-21T15:09:03



Tropomi SWIR background noise (swir)

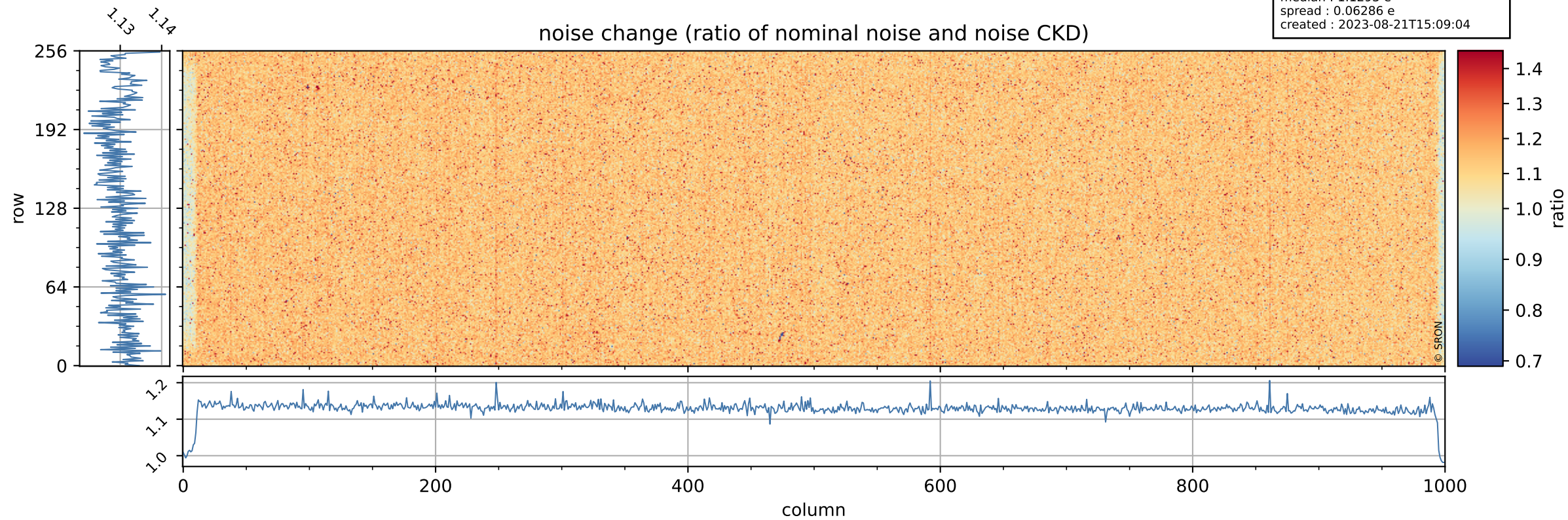
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [9967, 10057]
coverage : 2019-09-16 / 2019-09-22
median : 1.003 e
spread : 0.010263 e
created : 2023-08-21T15:09:03



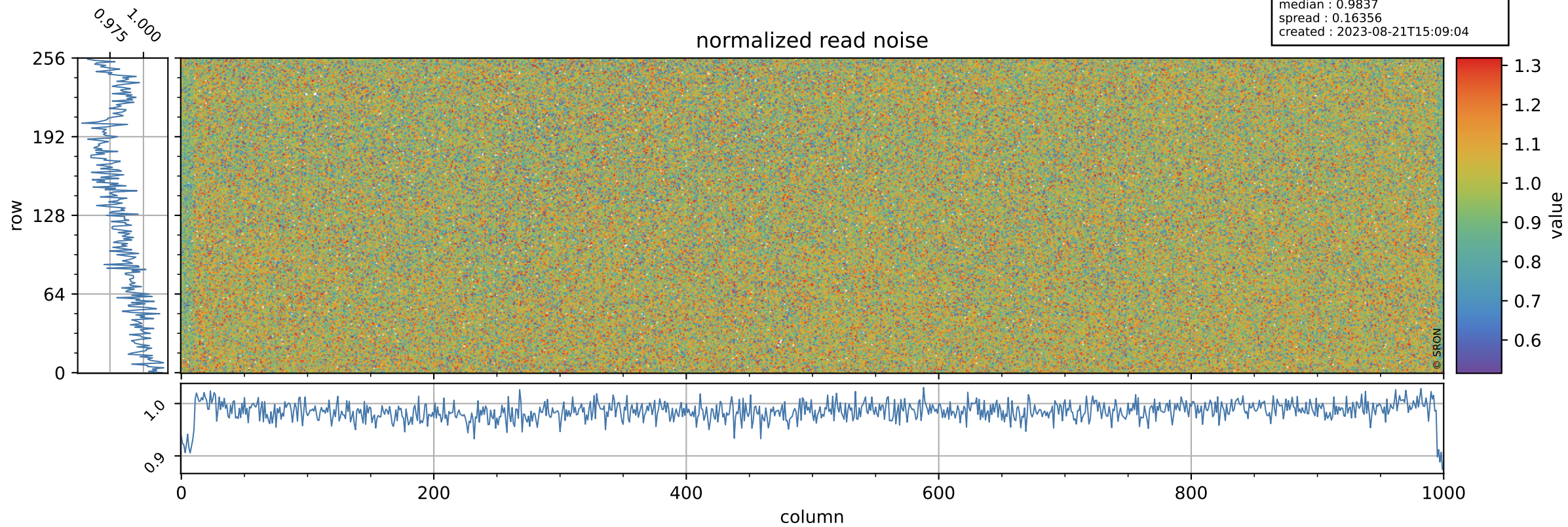
Tropomi SWIR background noise (swir)

orbits : 13 in [9967, 10057]
coverage : 2019-09-16 / 2019-09-22
median : 1.1293 e
spread : 0.06286 e
created : 2023-08-21T15:09:04



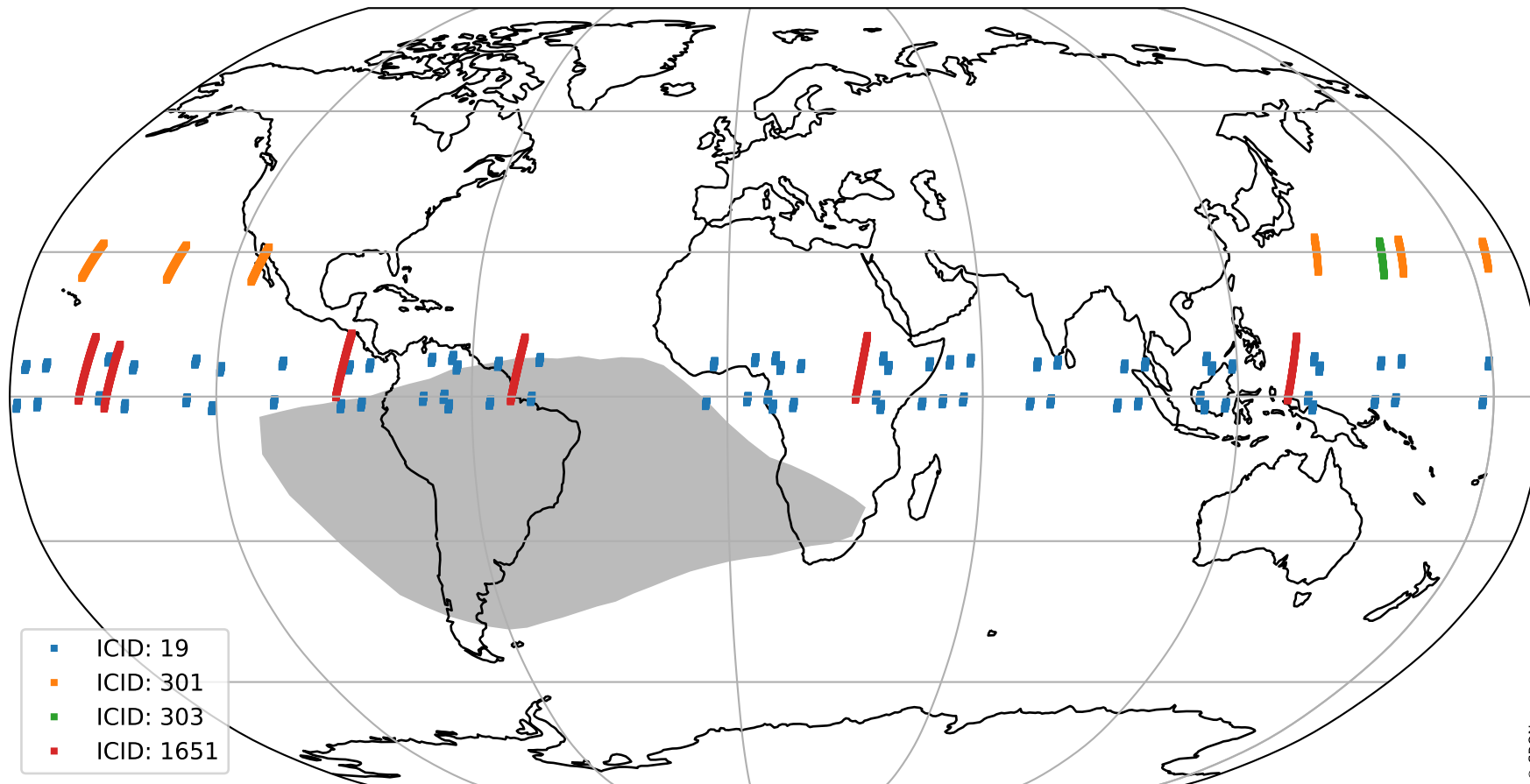
Tropomi SWIR background noise (swir)

orbits : 13 in [9967, 10057]
coverage : 2019-09-16 / 2019-09-22
median : 0.9837
spread : 0.16356
created : 2023-08-21T15:09:04



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

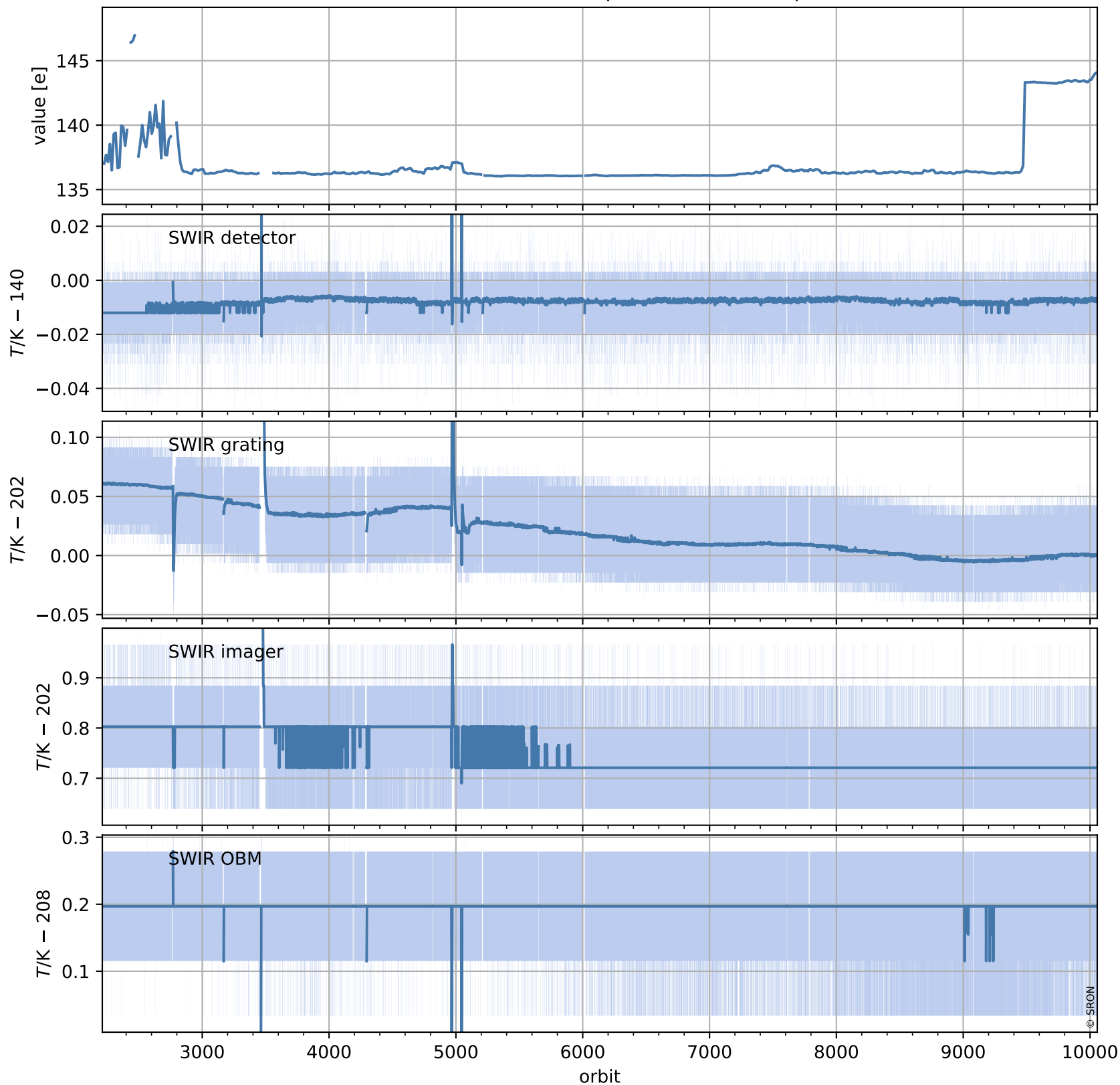
orbits : 13 in [9967, 10057]
coverage : 2019-09-16 / 2019-09-22
created : 2023-08-21T15:09:05



Tropomi SWIR background noise (swir)

orbits : [2212, 10057]
coverage : 2018-03-18 / 2019-09-22
created : 2023-08-21T15:09:05

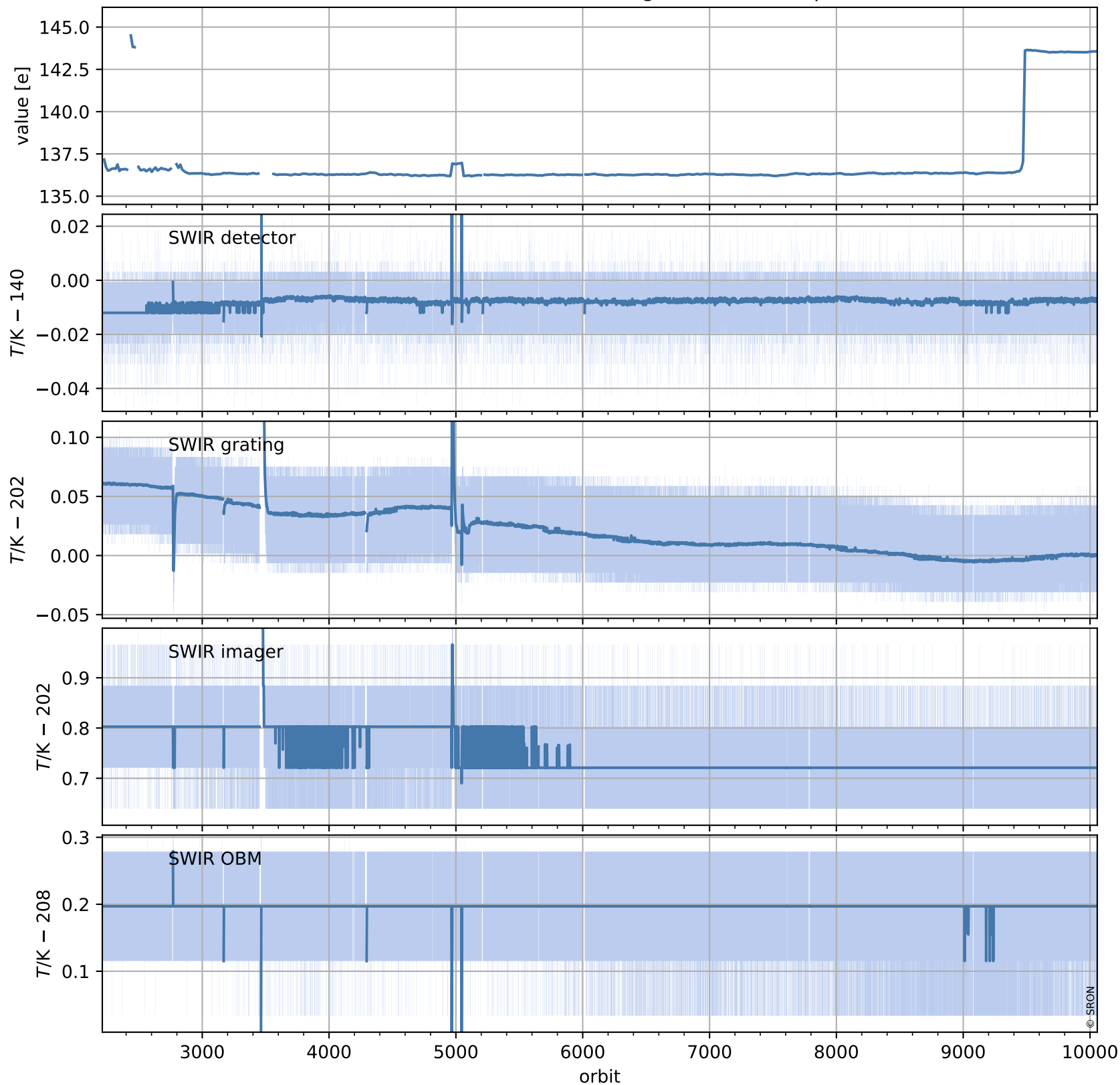
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10057]
coverage : 2018-03-18 / 2019-09-22
created : 2023-08-21T15:09:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10057]
coverage : 2018-03-18 / 2019-09-22
created : 2023-08-21T15:09:07

trend of normalized read-noise & temperatures

