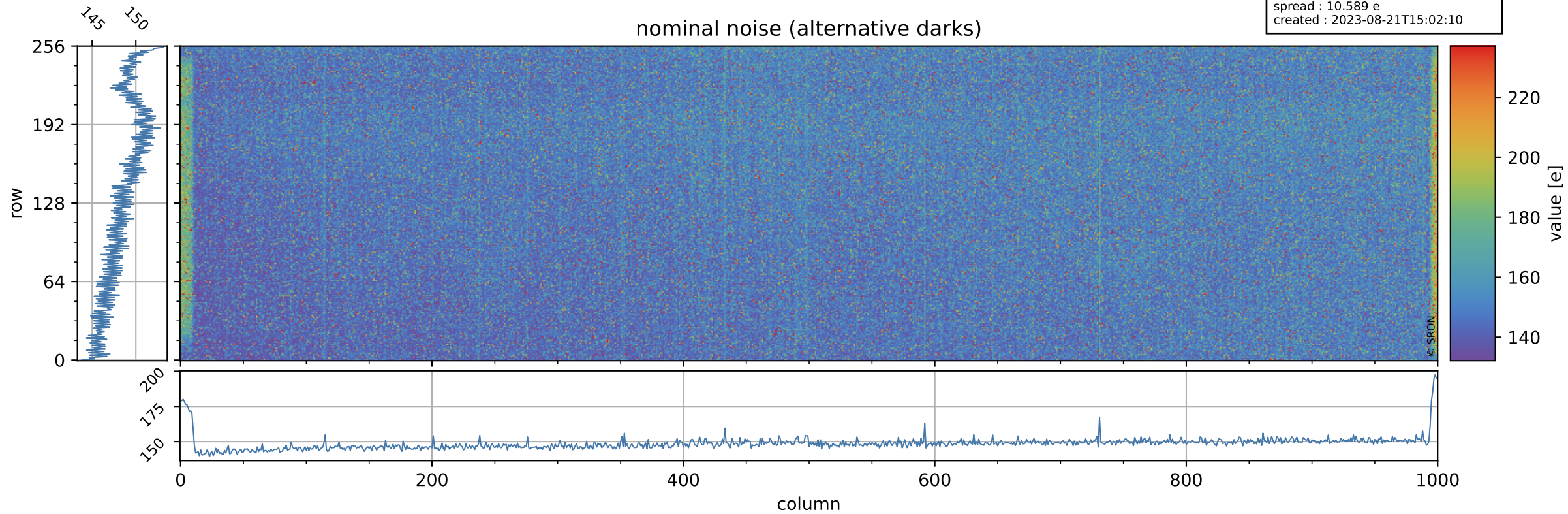


Tropomi SWIR background noise (swir)

orbits : 12 in [9112, 9187]
coverage : 2019-07-17 / 2019-07-22
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.589 e
created : 2023-08-21T15:02:10

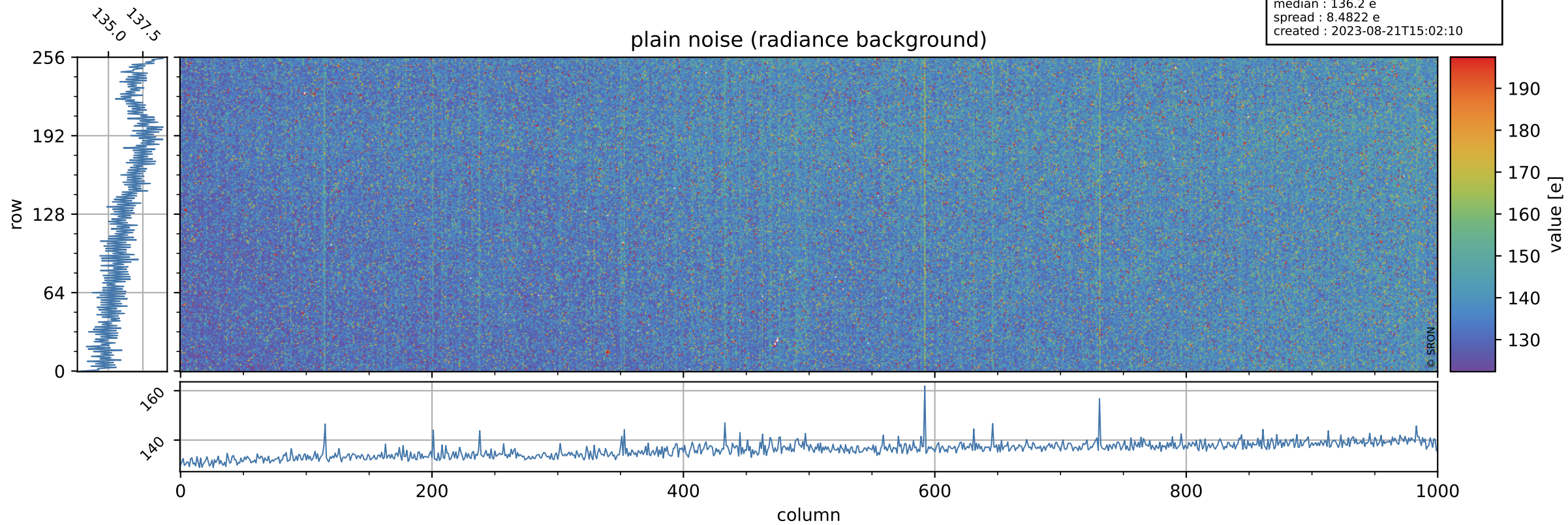
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9112, 9187]
coverage : 2019-07-17 / 2019-07-22
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.4822 e
created : 2023-08-21T15:02:10

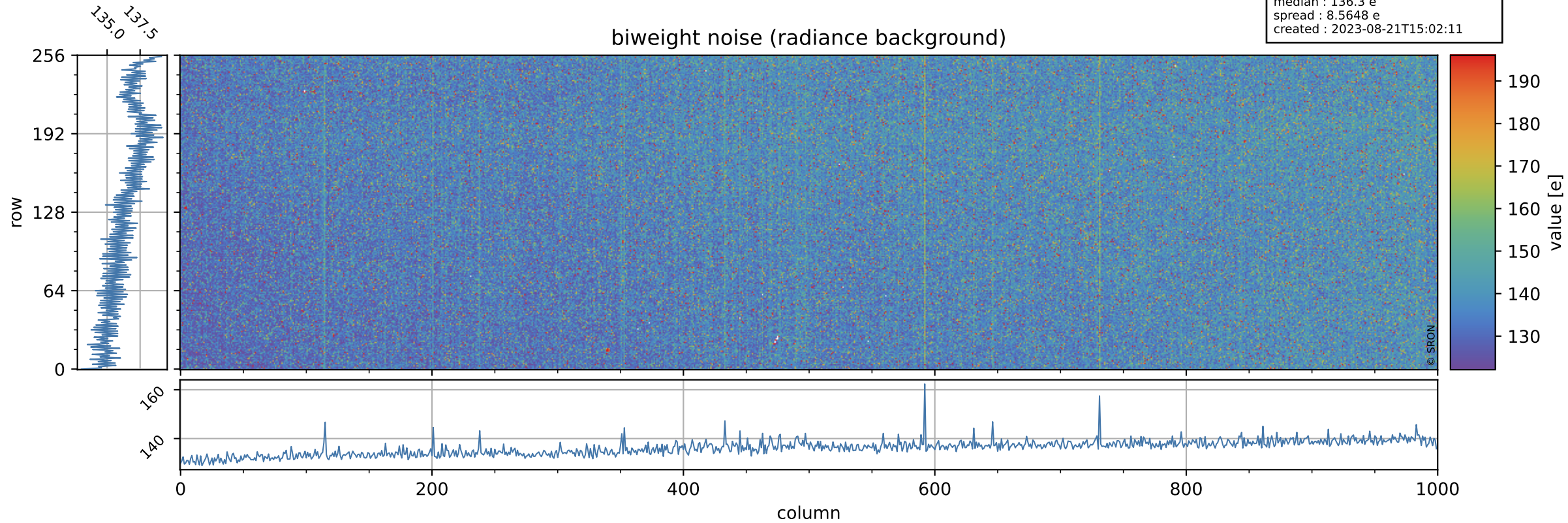
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9112, 9187]
coverage : 2019-07-17 / 2019-07-22
n_coad, t_exp : 2, 0.5383
median : 136.3 e
spread : 8.5648 e
created : 2023-08-21T15:02:11

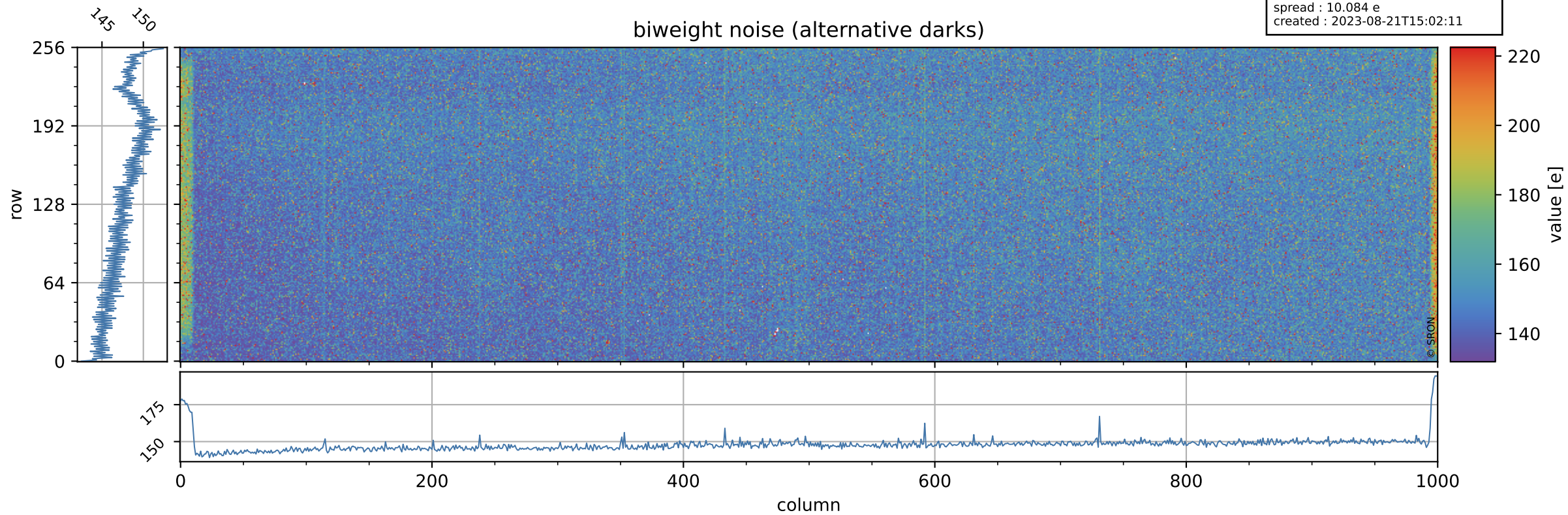
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9112, 9187]
coverage : 2019-07-17 / 2019-07-22
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.084 e
created : 2023-08-21T15:02:11

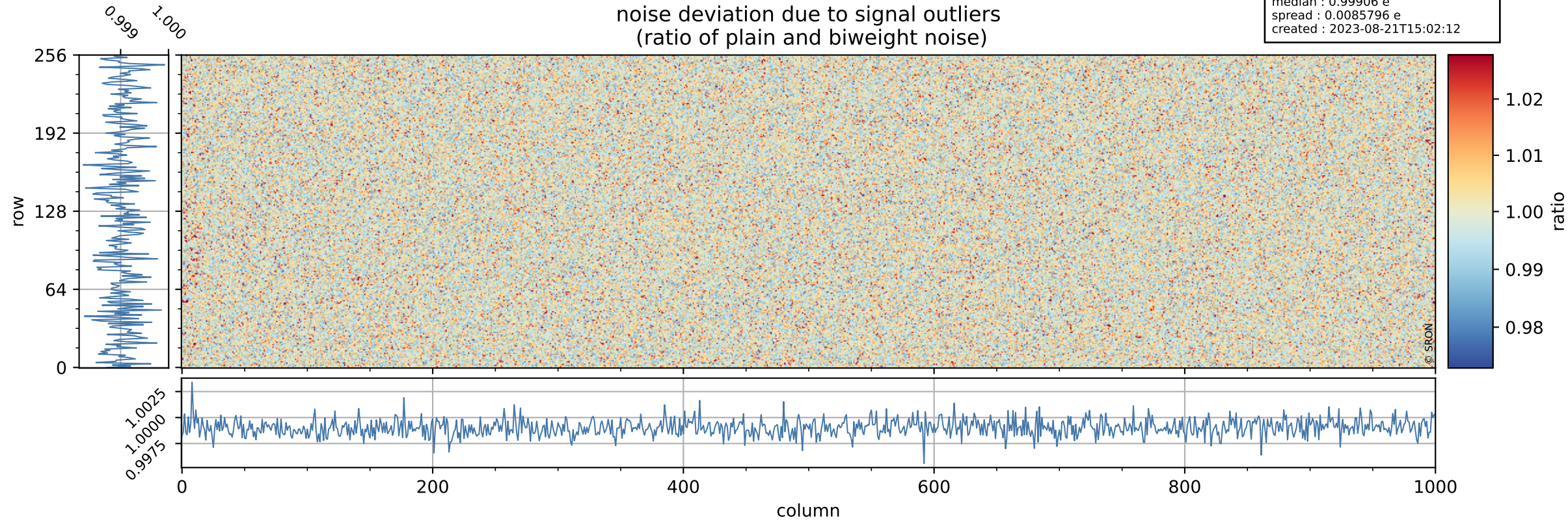
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

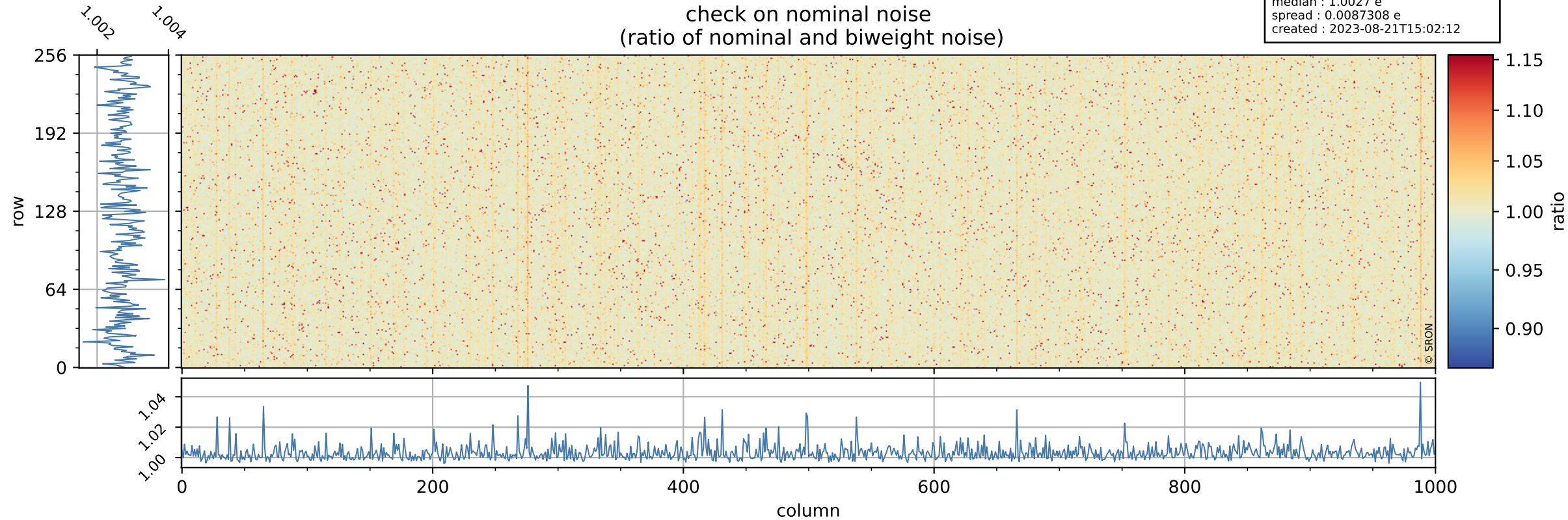
orbits : 12 in [9112, 9187]
coverage : 2019-07-17 / 2019-07-22
median : 0.99906 e
spread : 0.0085796 e
created : 2023-08-21T15:02:12



Tropomi SWIR background noise (swir)

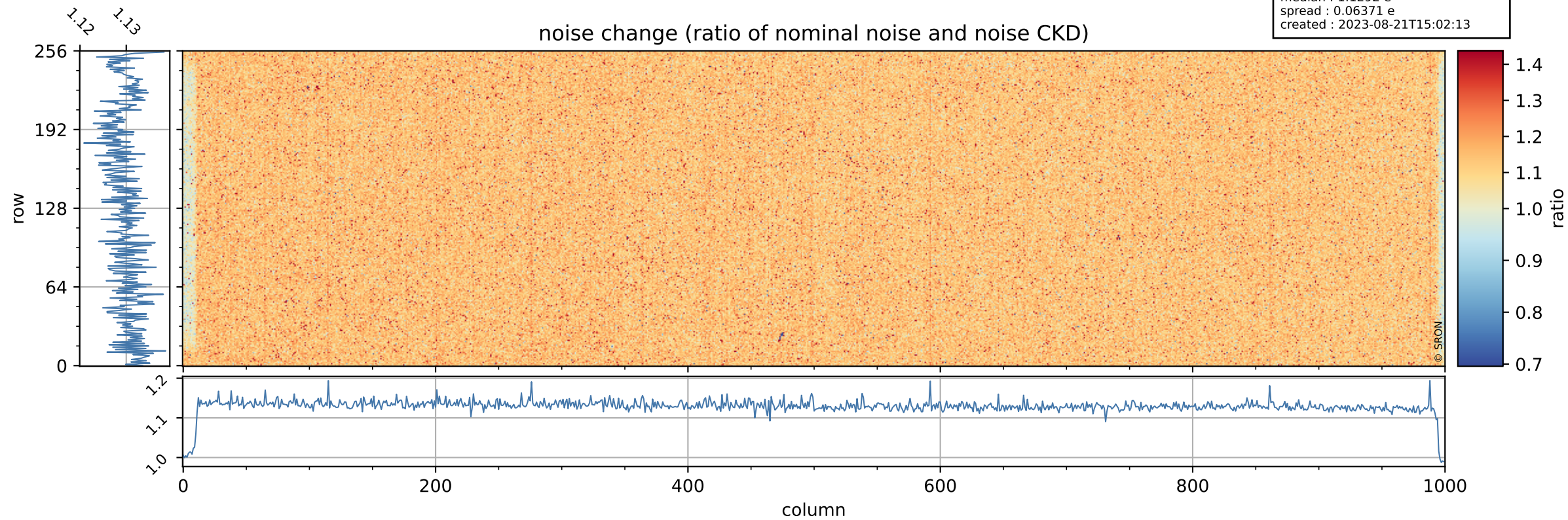
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9112, 9187]
coverage : 2019-07-17 / 2019-07-22
median : 1.0027 e
spread : 0.0087308 e
created : 2023-08-21T15:02:12



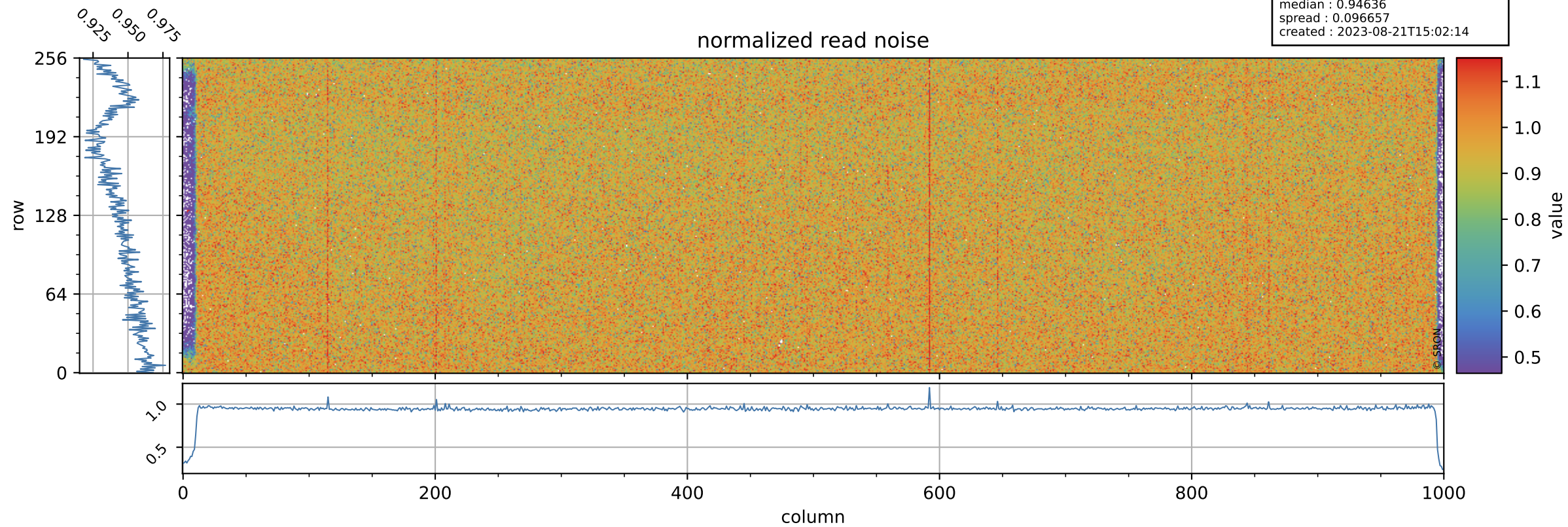
Tropomi SWIR background noise (swir)

orbits : 12 in [9112, 9187]
coverage : 2019-07-17 / 2019-07-22
median : 1.1292 e
spread : 0.06371 e
created : 2023-08-21T15:02:13



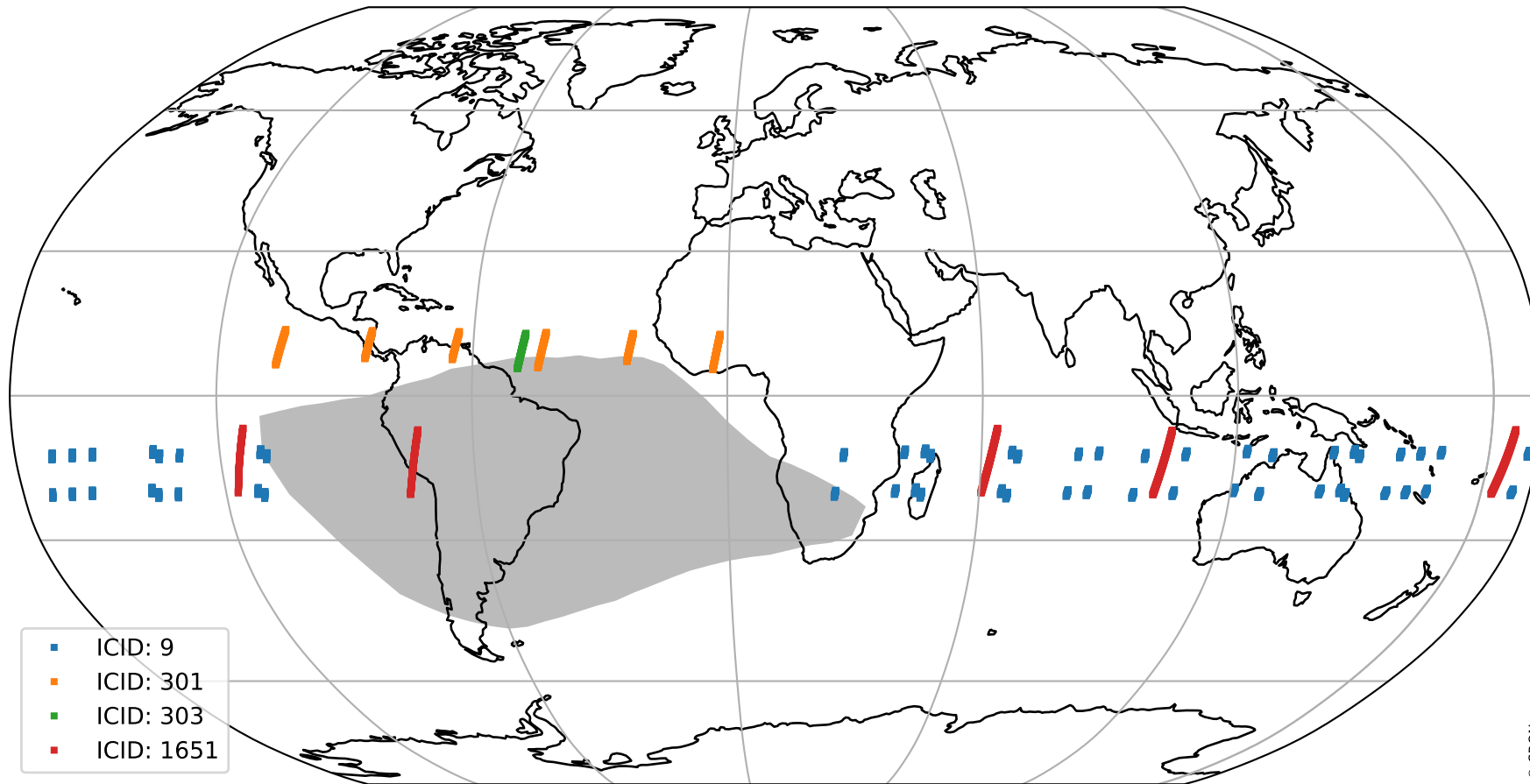
Tropomi SWIR background noise (swir)

orbits : 12 in [9112, 9187]
coverage : 2019-07-17 / 2019-07-22
median : 0.94636
spread : 0.096657
created : 2023-08-21T15:02:14



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

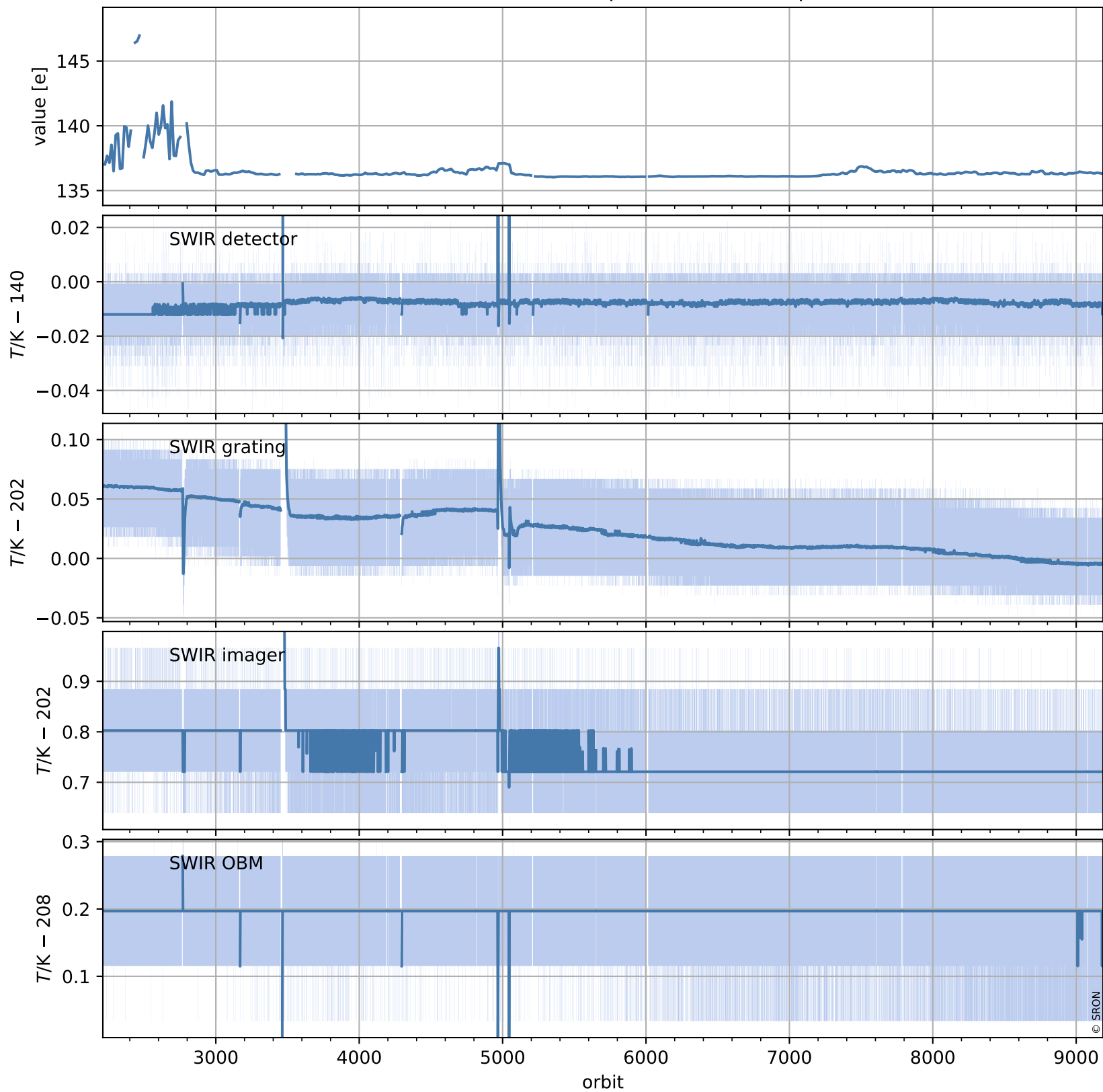
orbits : 12 in [9112, 9187]
coverage : 2019-07-17 / 2019-07-22
created : 2023-08-21T15:02:14



Tropomi SWIR background noise (swir)

orbits : [2212, 9187]
coverage : 2018-03-18 / 2019-07-22
created : 2023-08-21T15:02:14

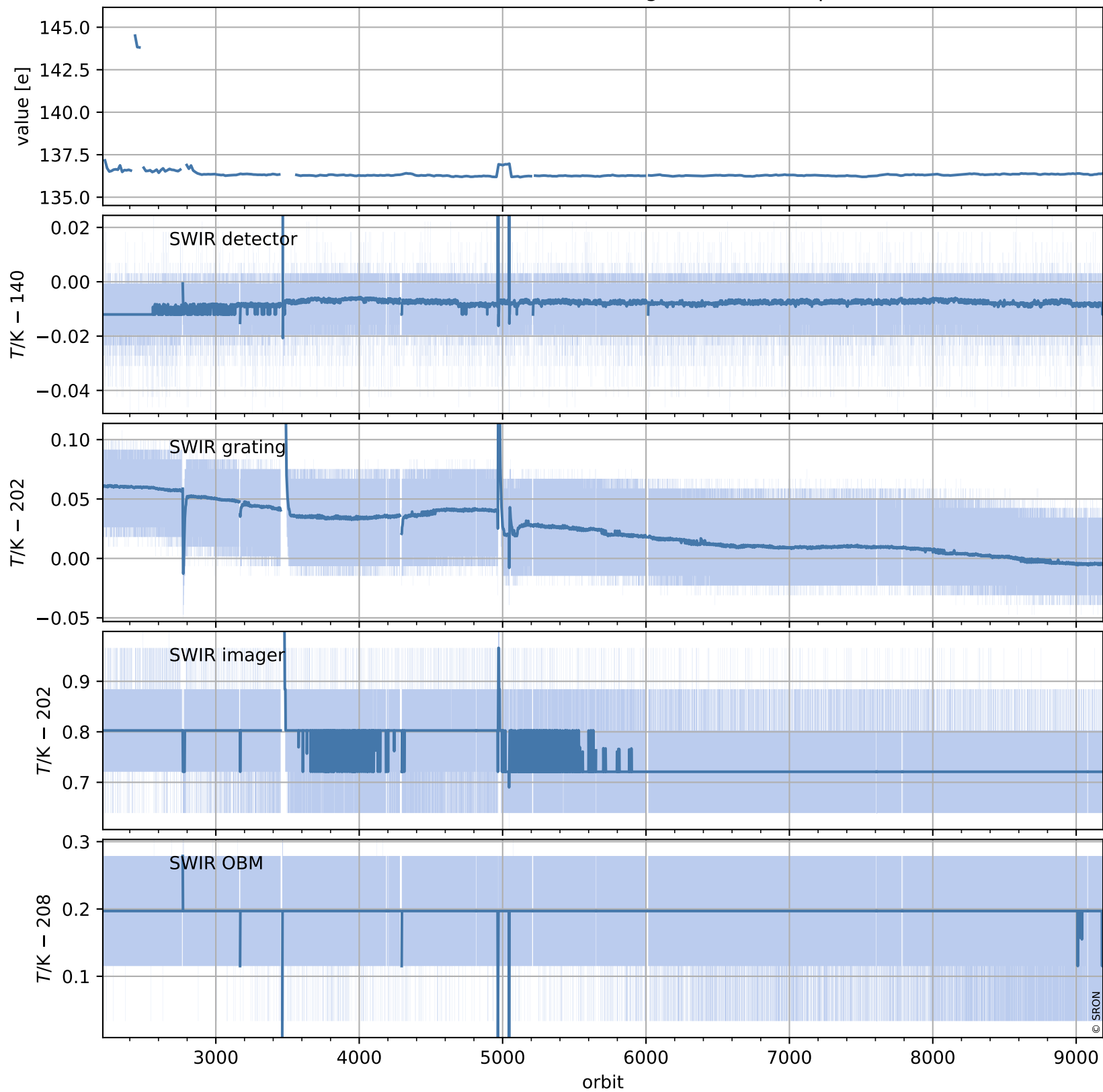
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9187]
coverage : 2018-03-18 / 2019-07-22
created : 2023-08-21T15:02:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9187]
coverage : 2018-03-18 / 2019-07-22
created : 2023-08-21T15:02:16

trend of normalized read-noise & temperatures

