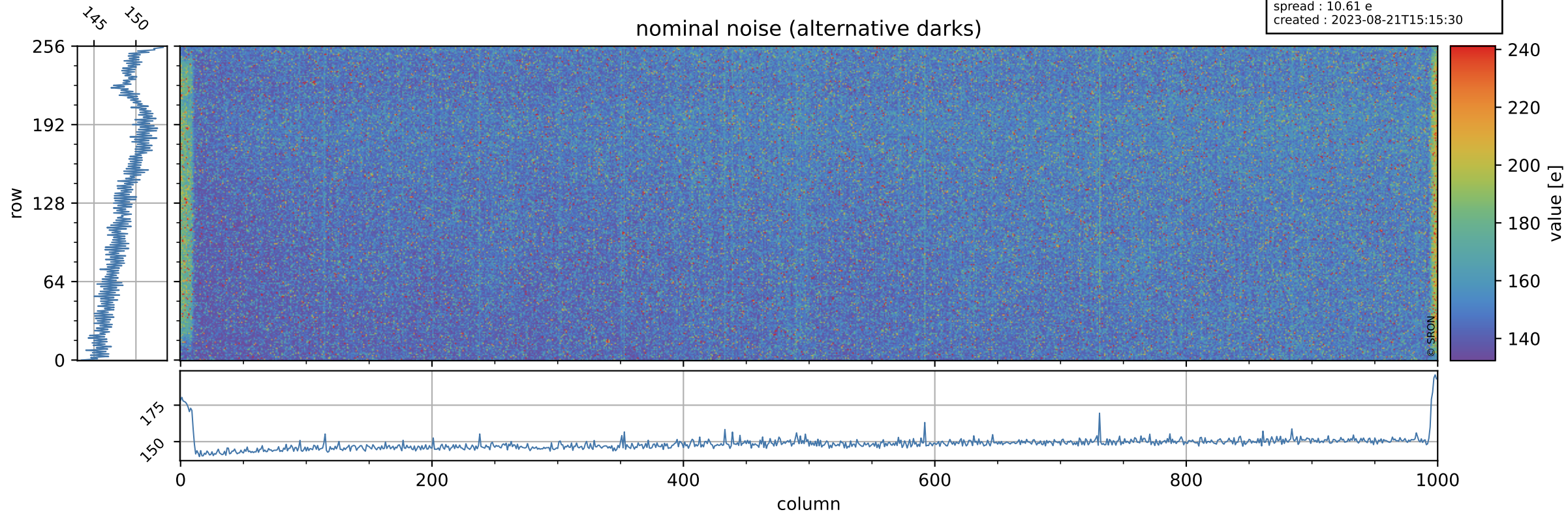


Tropomi SWIR background noise (swir)

orbits : 11 in [10777, 10867]
coverage : 2019-11-12 / 2019-11-18
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.61 e
created : 2023-08-21T15:15:30

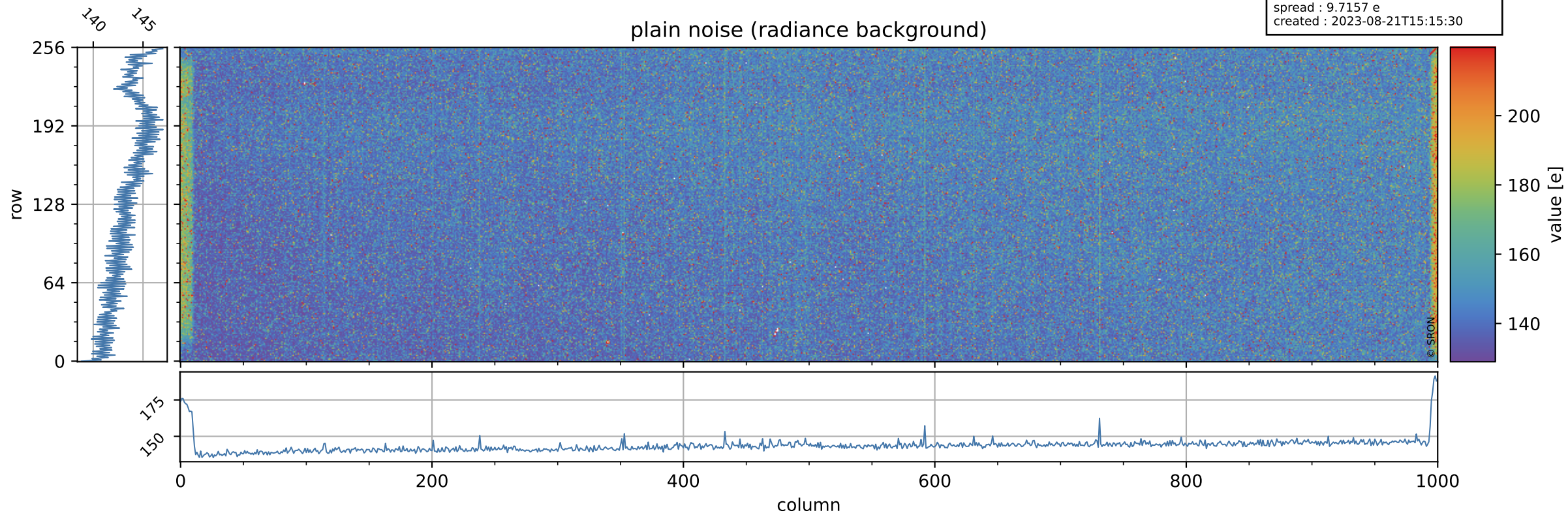
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [10777, 10867]
coverage : 2019-11-12 / 2019-11-18
n_coad, t_exp : 1, 0.8383
median : 143.33 e
spread : 9.7157 e
created : 2023-08-21T15:15:30

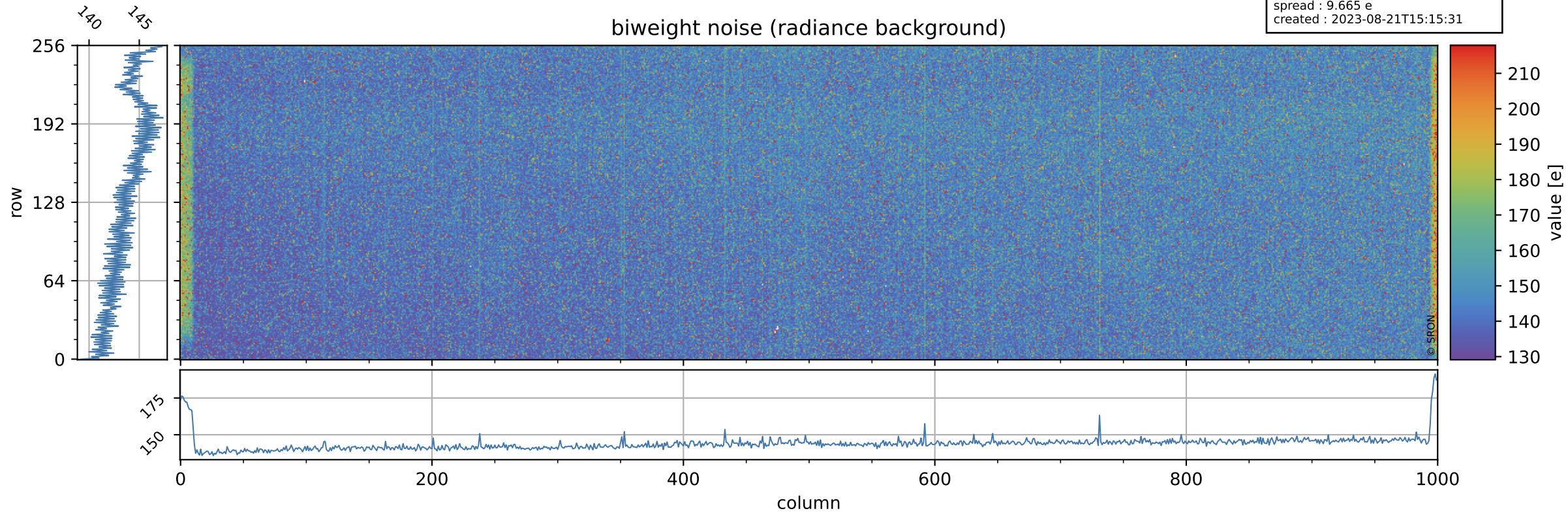
plain noise (radiance background)



Tropomi SWIR background noise (swir)

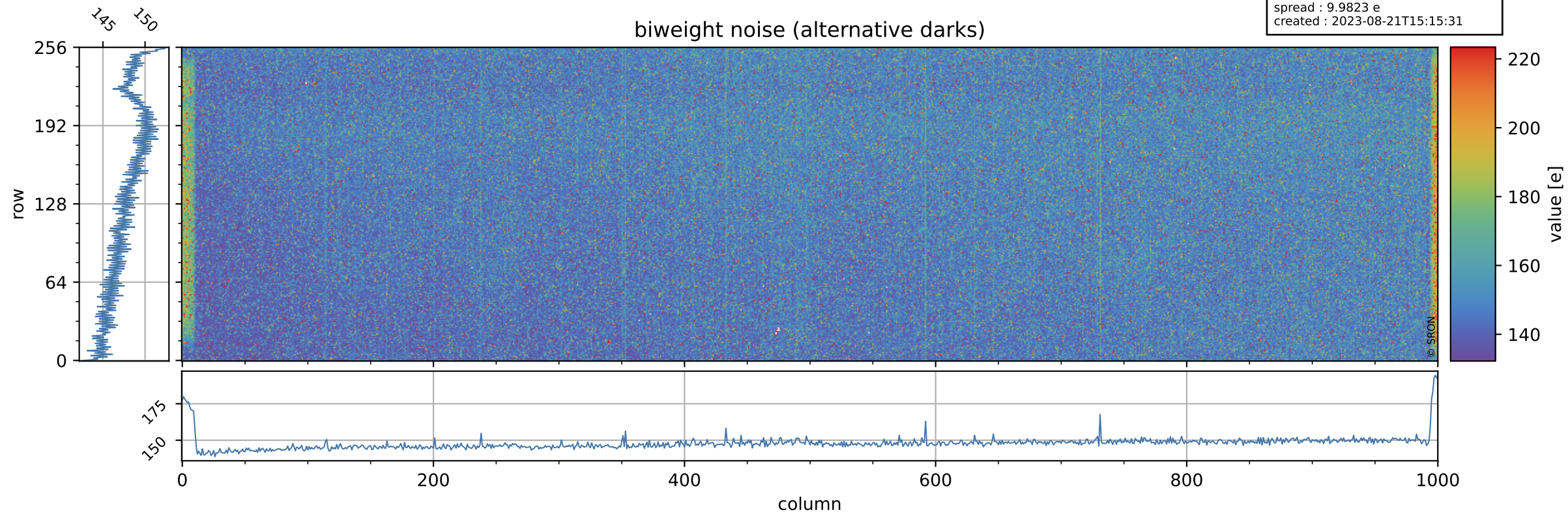
orbits : 11 in [10777, 10867]
coverage : 2019-11-12 / 2019-11-18
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.665 e
created : 2023-08-21T15:15:31

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

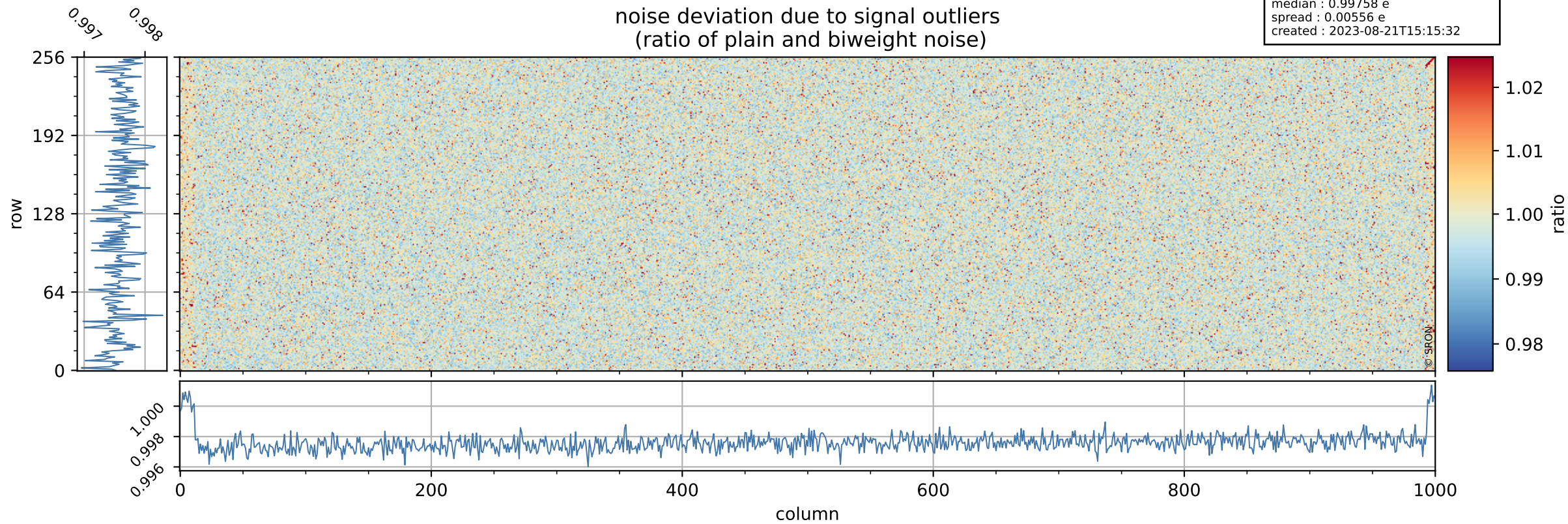
orbits : 11 in [10777, 10867]
coverage : 2019-11-12 / 2019-11-18
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 9.9823 e
created : 2023-08-21T15:15:31



Tropomi SWIR background noise (swir)

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

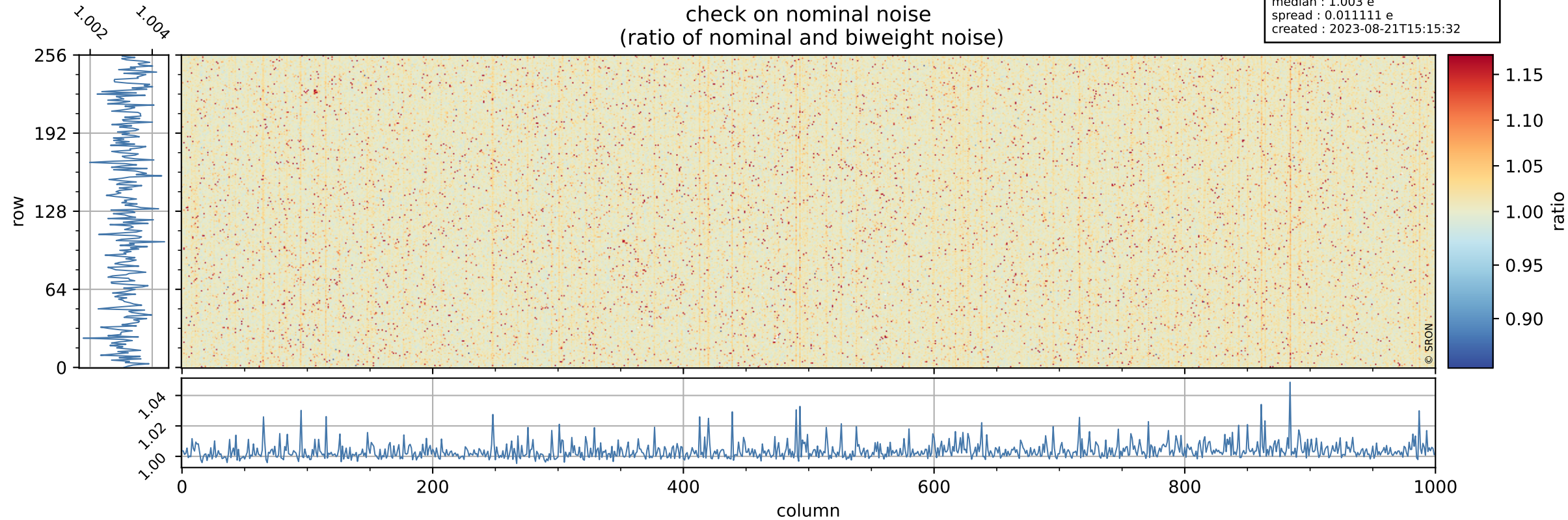
orbits : 11 in [10777, 10867]
coverage : 2019-11-12 / 2019-11-18
median : 0.99758 e
spread : 0.00556 e
created : 2023-08-21T15:15:32



Tropomi SWIR background noise (swir)

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

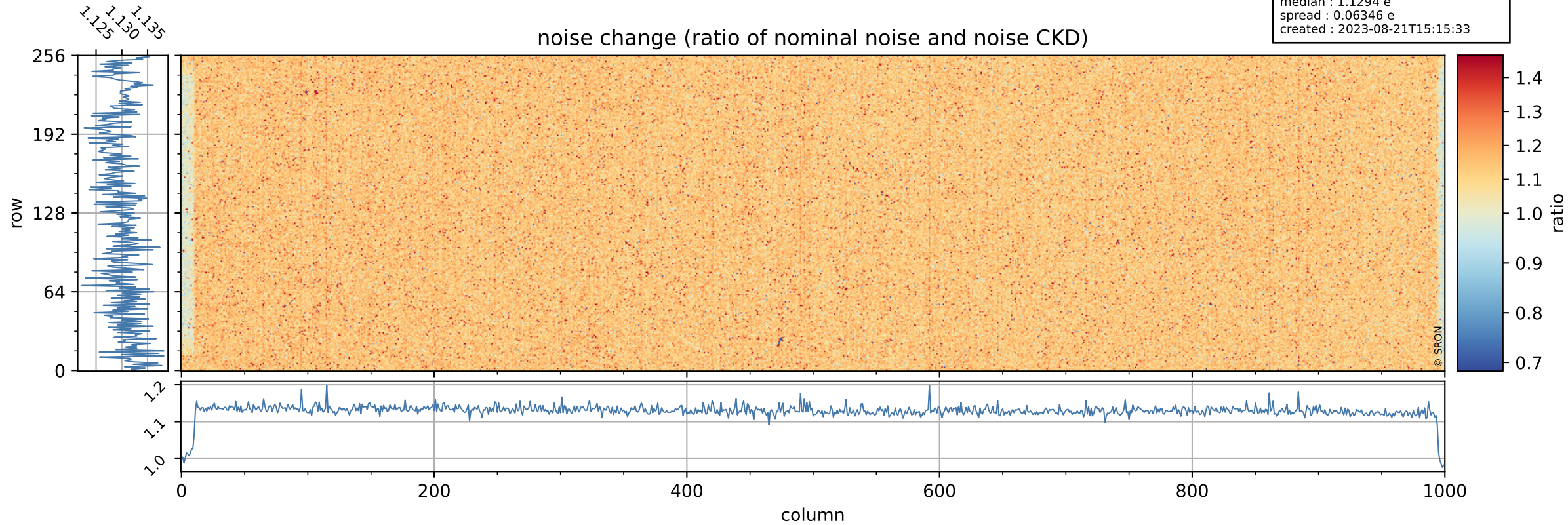
orbits : 11 in [10777, 10867]
coverage : 2019-11-12 / 2019-11-18
median : 1.003 e
spread : 0.011111 e
created : 2023-08-21T15:15:32



Tropomi SWIR background noise (swir)

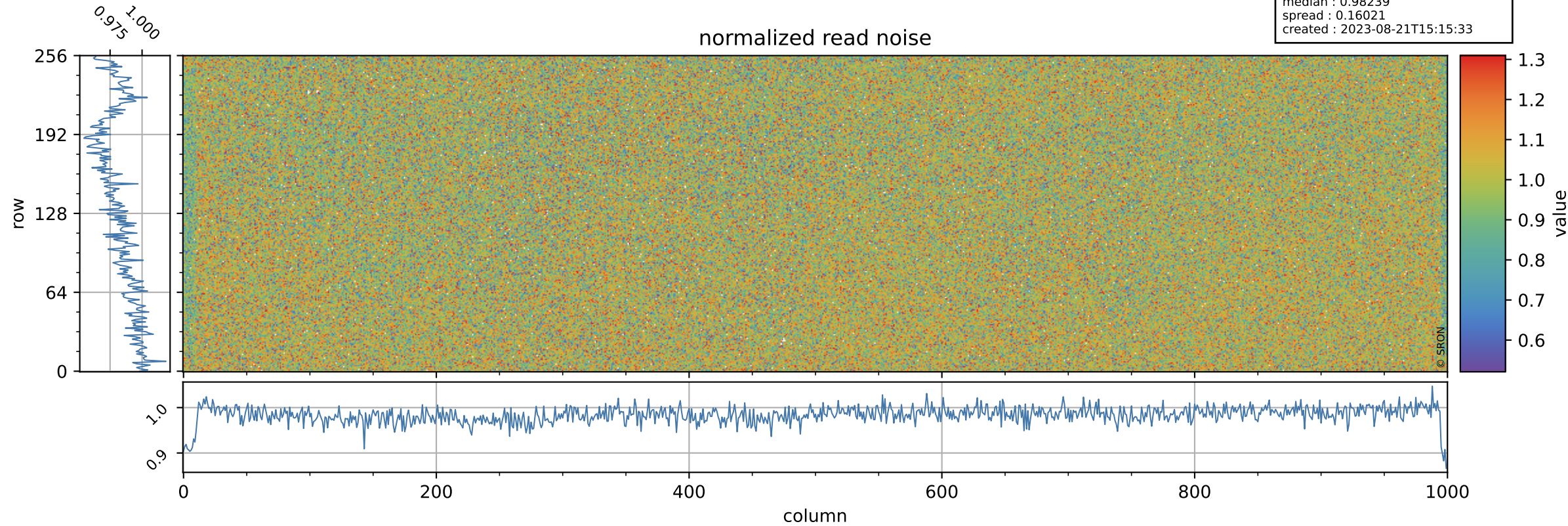
orbits : 11 in [10777, 10867]
coverage : 2019-11-12 / 2019-11-18
median : 1.1294 e
spread : 0.06346 e
created : 2023-08-21T15:15:33

noise change (ratio of nominal noise and noise CKD)



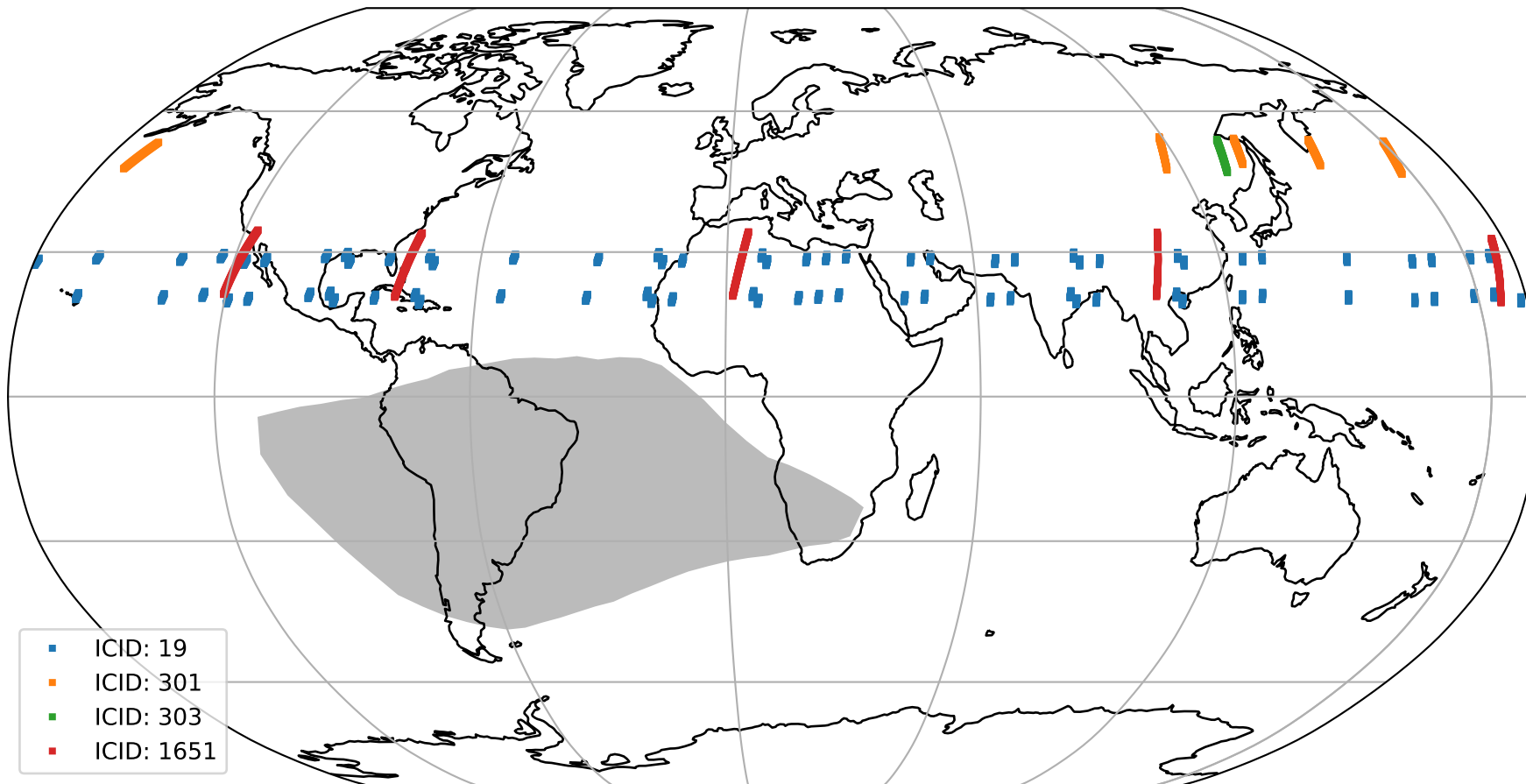
Tropomi SWIR background noise (swir)

orbits : 11 in [10777, 10867]
coverage : 2019-11-12 / 2019-11-18
median : 0.98239
spread : 0.16021
created : 2023-08-21T15:15:33



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

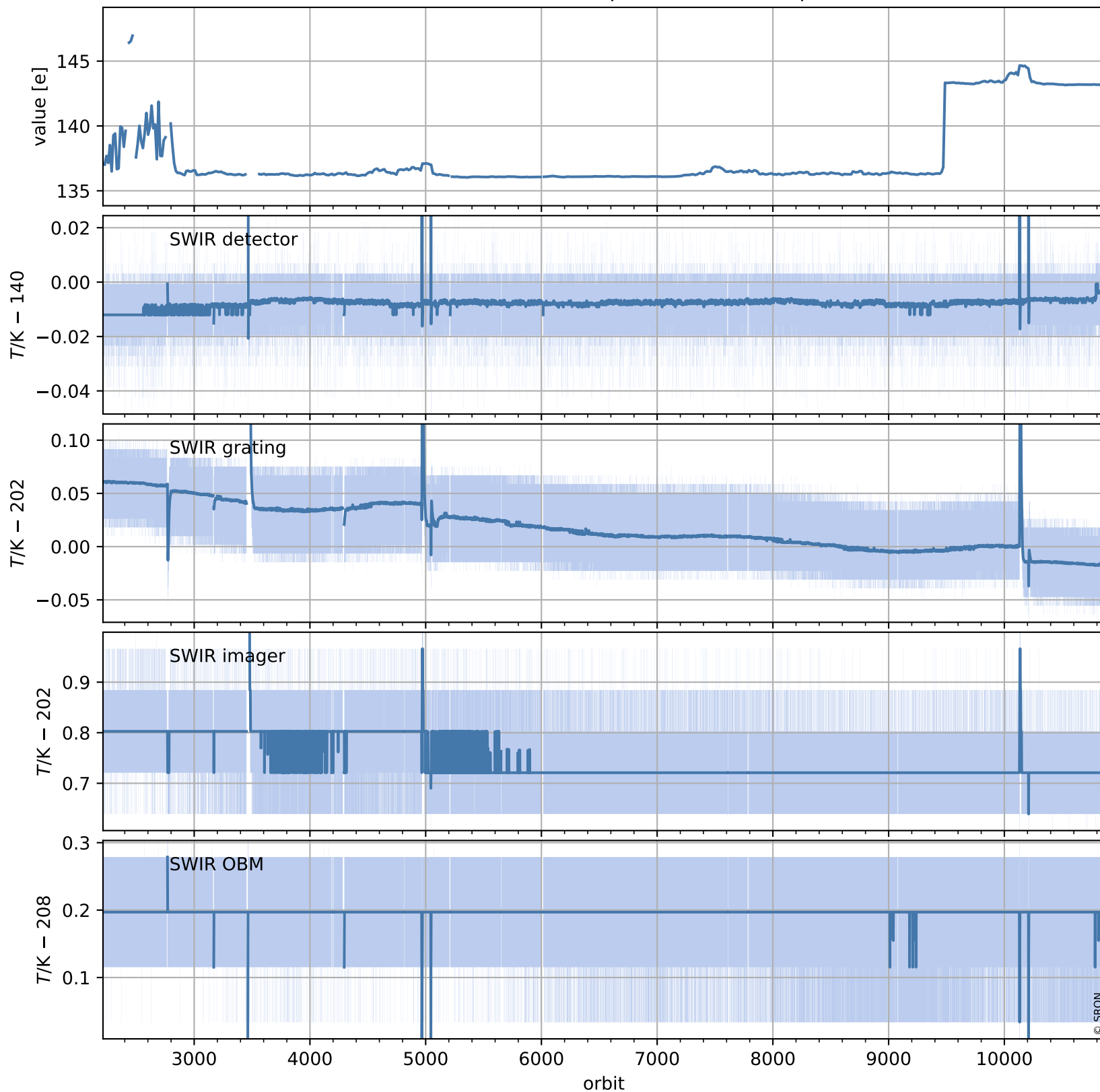
orbits : 11 in [10777, 10867]
coverage : 2019-11-12 / 2019-11-18
created : 2023-08-21T15:15:34



Tropomi SWIR background noise (swir)

orbits : [2212, 10867]
coverage : 2018-03-18 / 2019-11-18
created : 2023-08-21T15:15:34

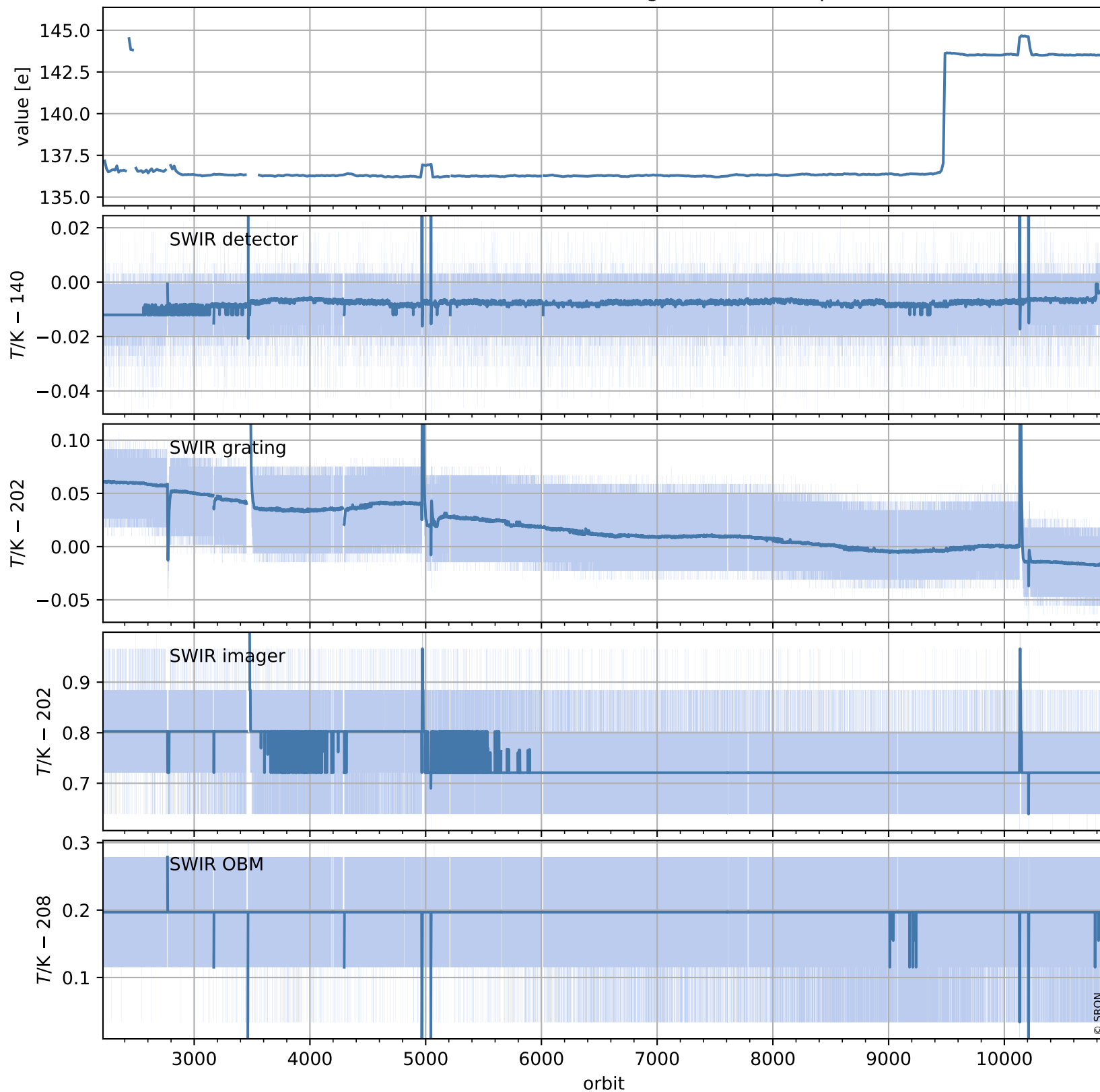
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10867]
coverage : 2018-03-18 / 2019-11-18
created : 2023-08-21T15:15:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10867]
coverage : 2018-03-18 / 2019-11-18
created : 2023-08-21T15:15:36

trend of normalized read-noise & temperatures

