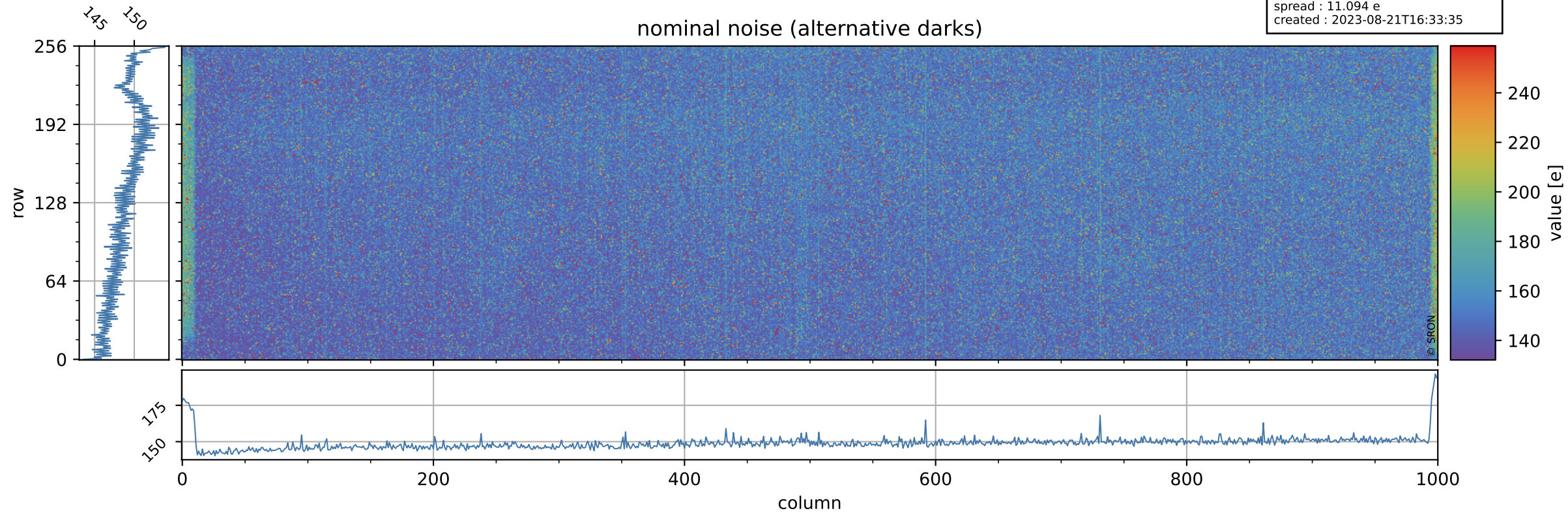


Tropomi SWIR background noise (swir)

orbits : 12 in [23872, 23947]
coverage : 2022-05-22 / 2022-05-27
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 11.094 e
created : 2023-08-21T16:33:35

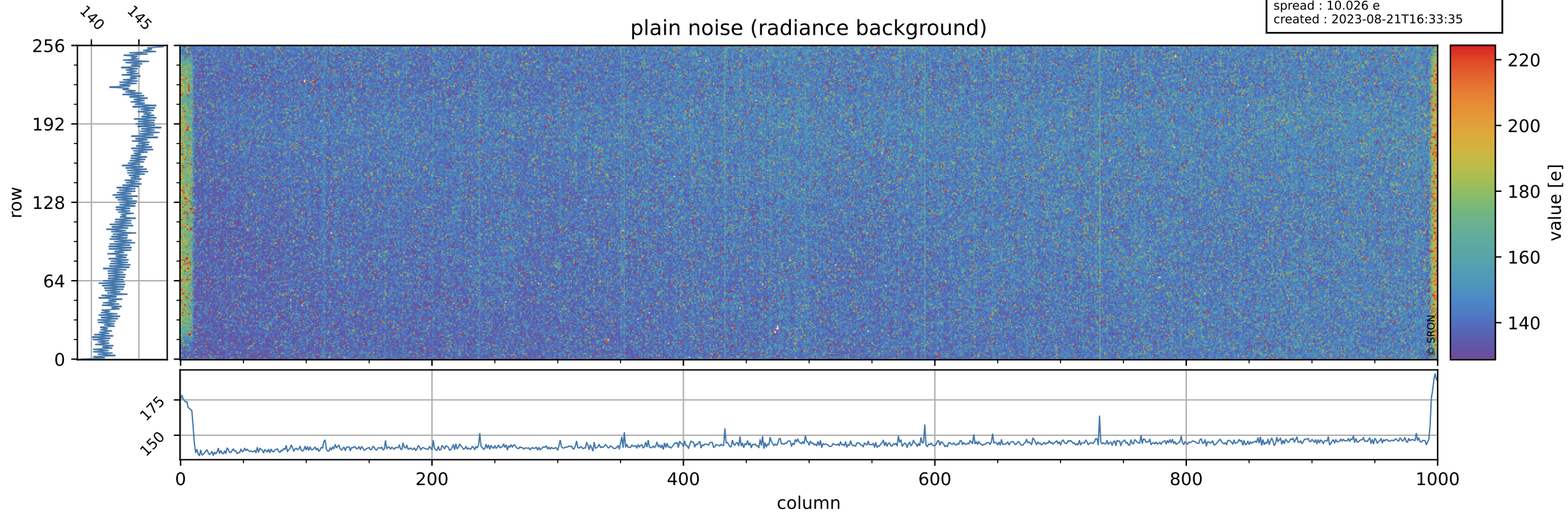
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23872, 23947]
coverage : 2022-05-22 / 2022-05-27
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 10.026 e
created : 2023-08-21T16:33:35

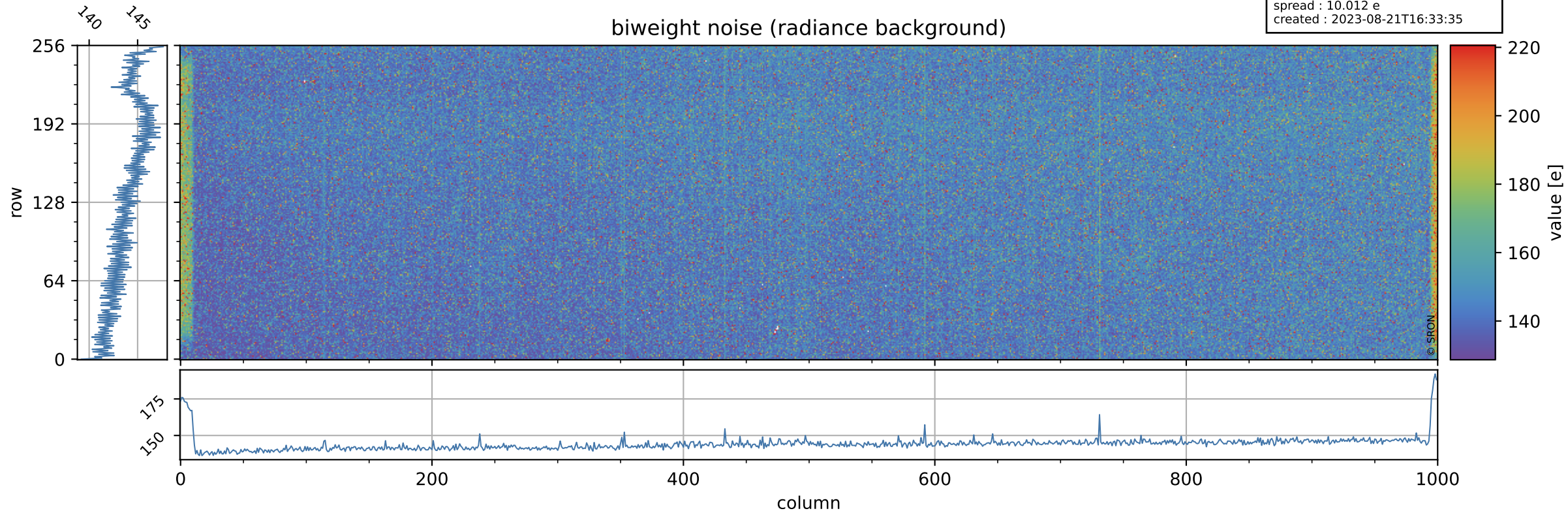
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23872, 23947]
coverage : 2022-05-22 / 2022-05-27
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 10.012 e
created : 2023-08-21T16:33:35

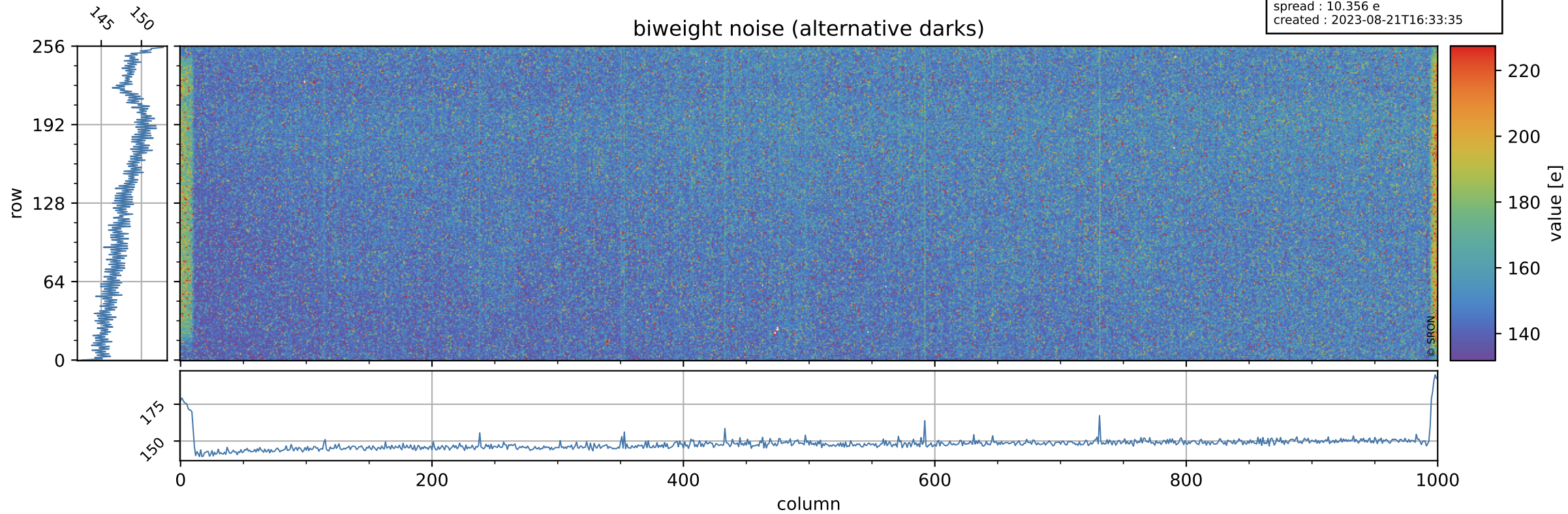
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23872, 23947]
coverage : 2022-05-22 / 2022-05-27
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.356 e
created : 2023-08-21T16:33:35

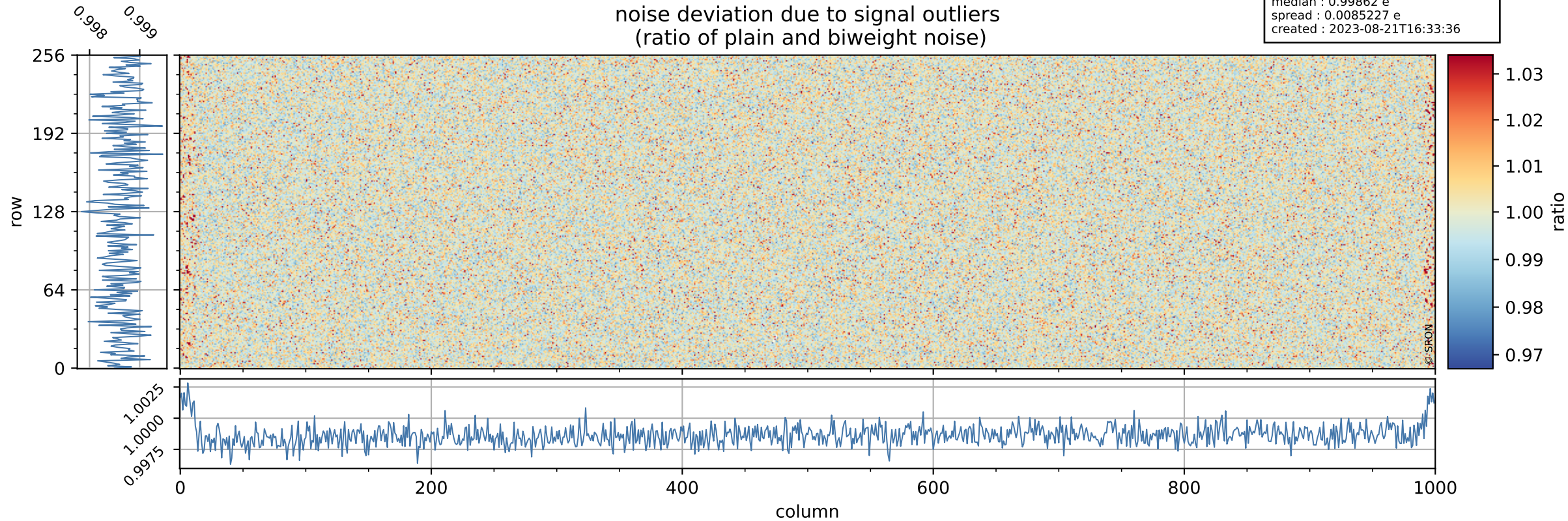
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

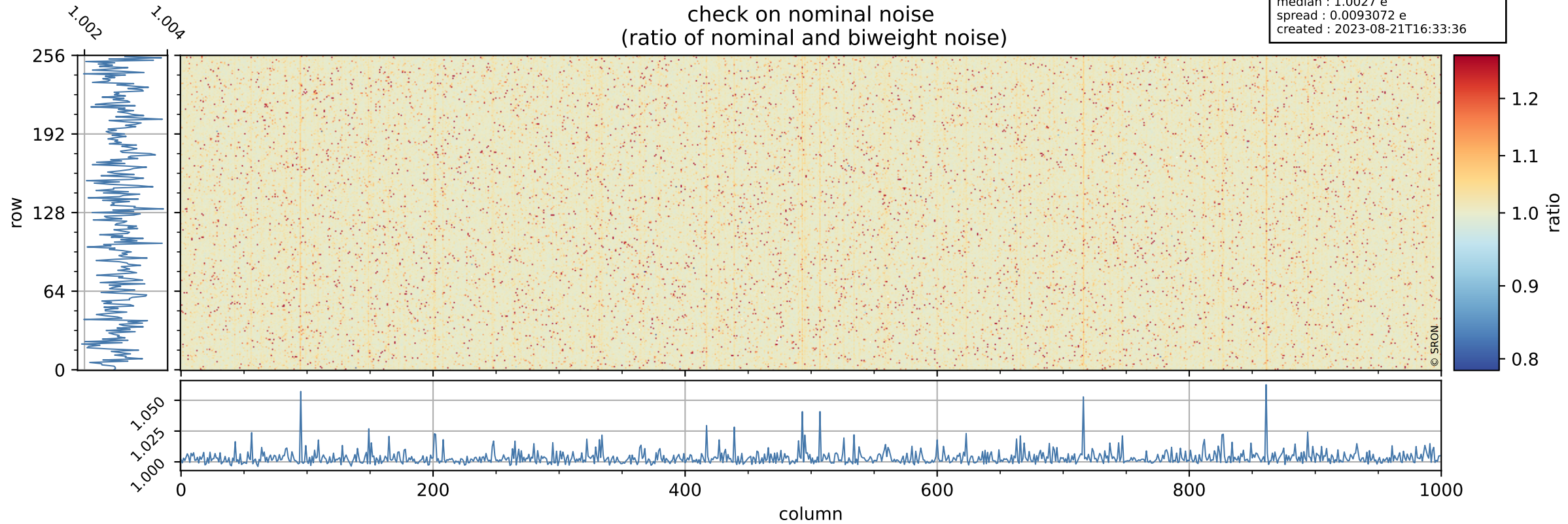
orbits : 12 in [23872, 23947]
coverage : 2022-05-22 / 2022-05-27
median : 0.99862 e
spread : 0.0085227 e
created : 2023-08-21T16:33:36



Tropomi SWIR background noise (swir)

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

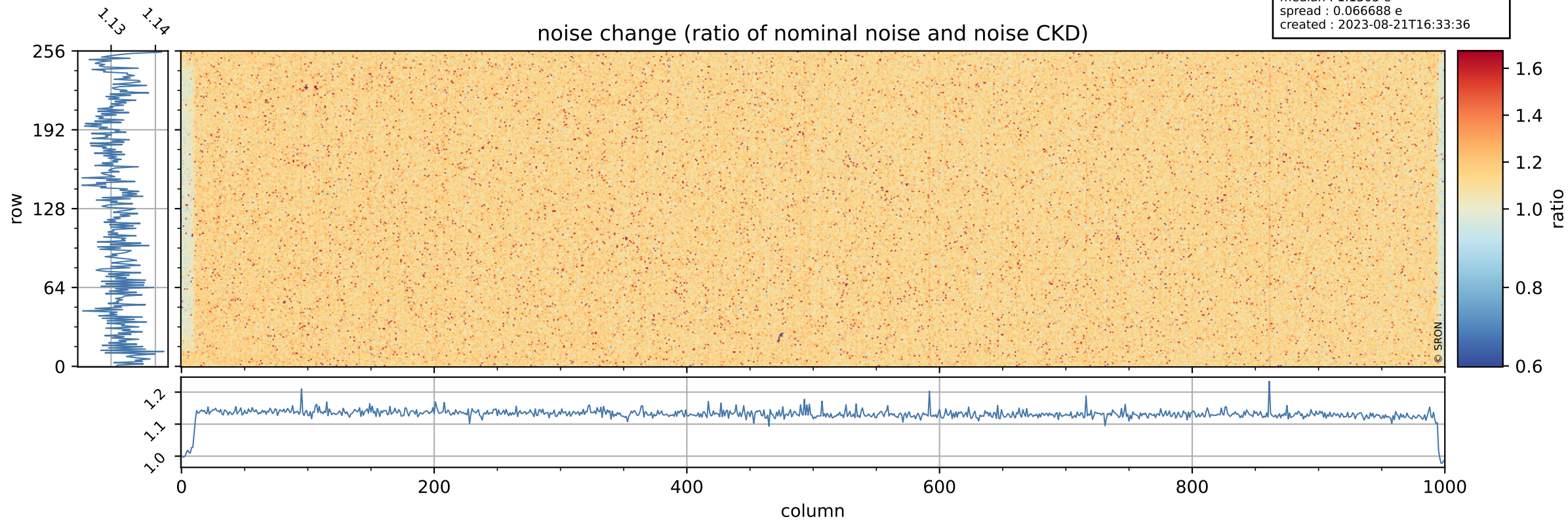
orbits : 12 in [23872, 23947]
coverage : 2022-05-22 / 2022-05-27
median : 1.0027 e
spread : 0.0093072 e
created : 2023-08-21T16:33:36



Tropomi SWIR background noise (swir)

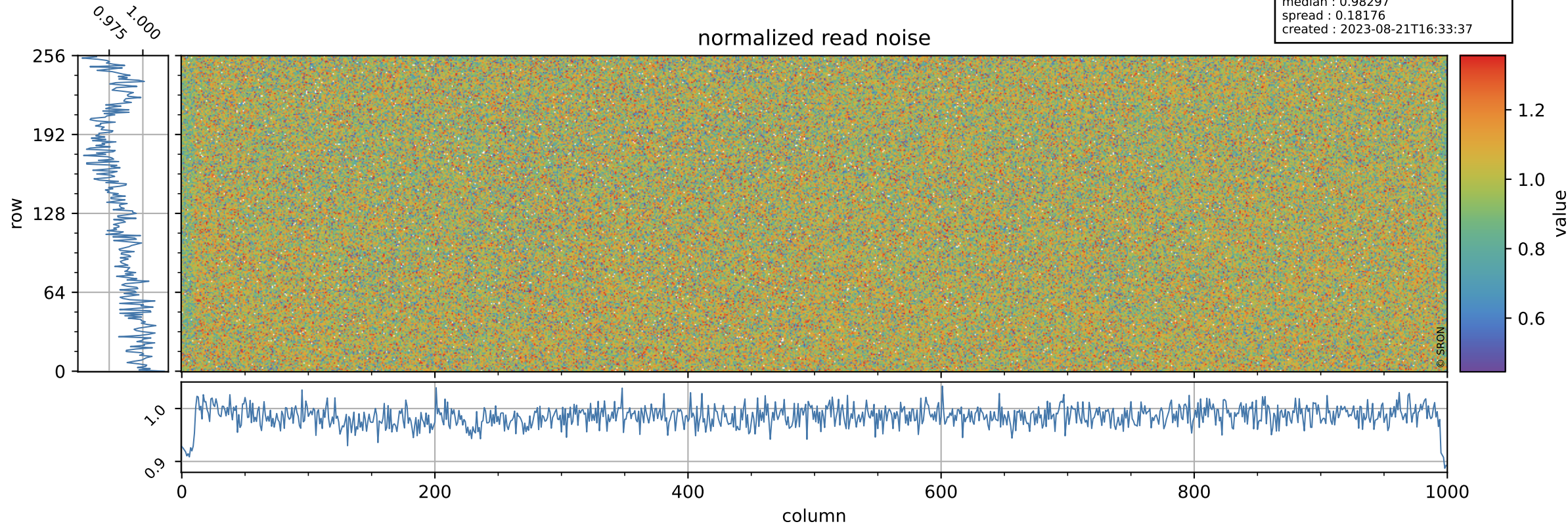
orbits : 12 in [23872, 23947]
coverage : 2022-05-22 / 2022-05-27
median : 1.1303 e
spread : 0.066688 e
created : 2023-08-21T16:33:36

noise change (ratio of nominal noise and noise CKD)



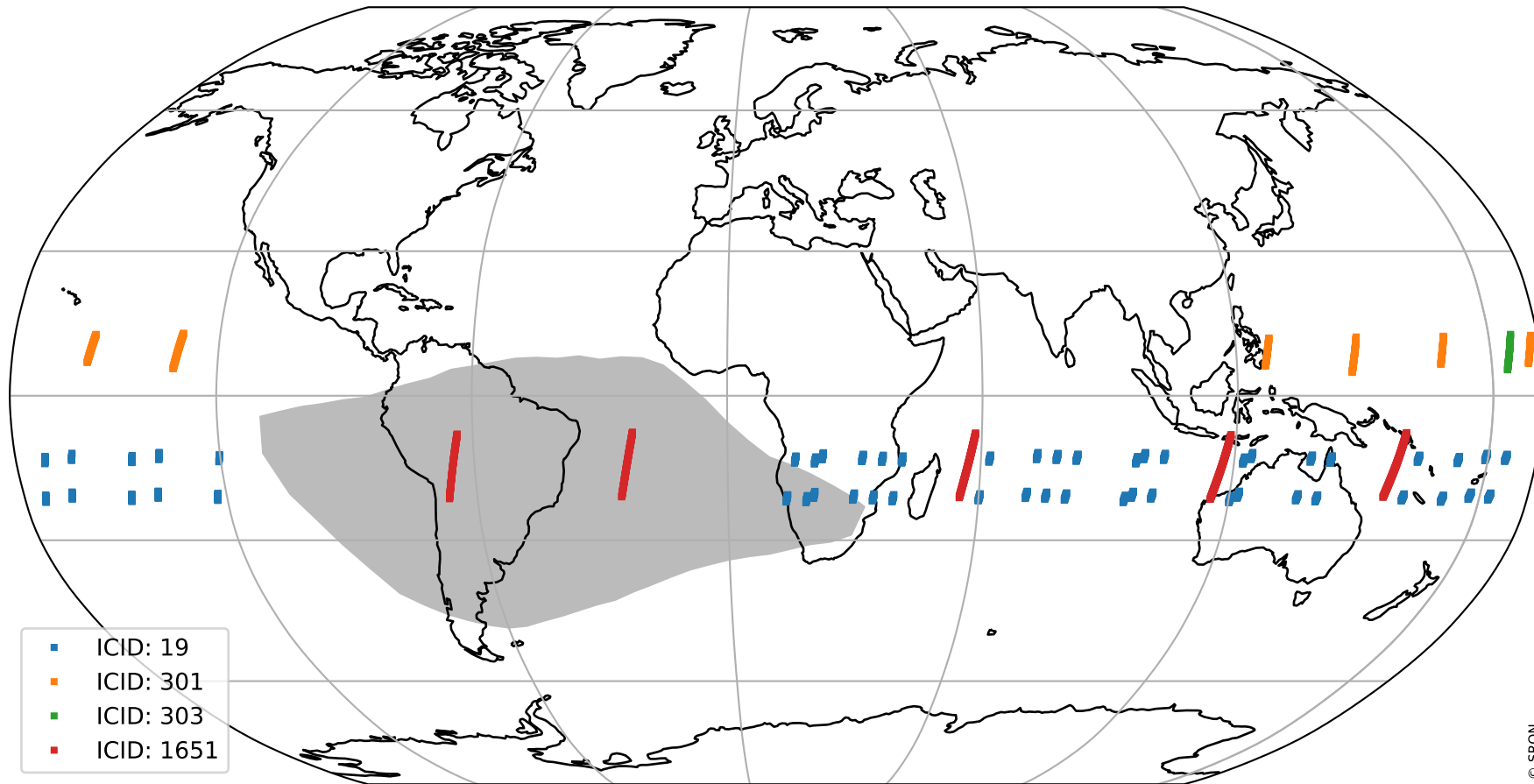
Tropomi SWIR background noise (swir)

orbits : 12 in [23872, 23947]
coverage : 2022-05-22 / 2022-05-27
median : 0.98297
spread : 0.18176
created : 2023-08-21T16:33:37



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

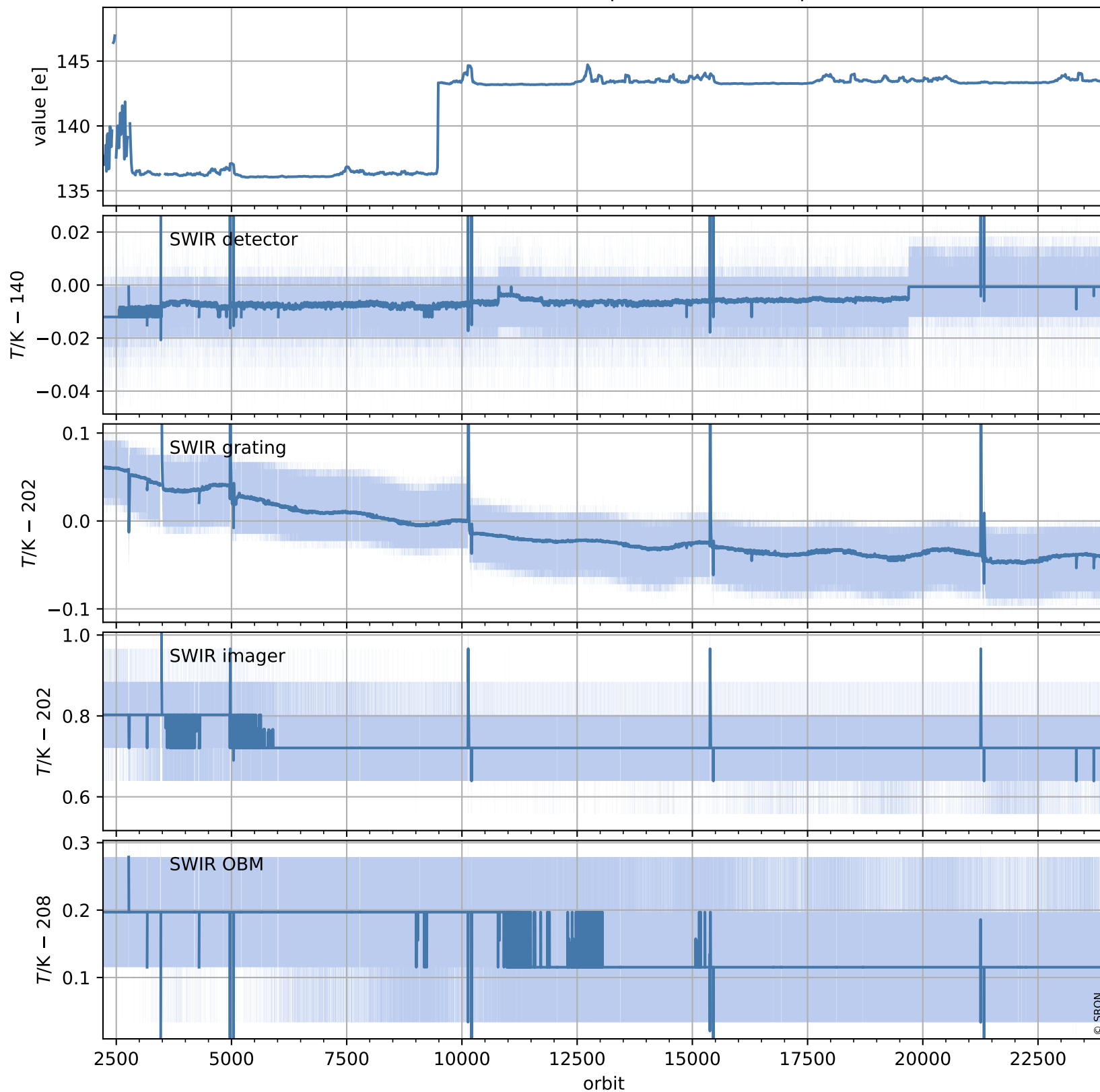
orbits : 12 in [23872, 23947]
coverage : 2022-05-22 / 2022-05-27
created : 2023-08-21T16:33:37



Tropomi SWIR background noise (swir)

orbits : [2212, 23947]
coverage : 2018-03-18 / 2022-05-27
created : 2023-08-21T16:33:37

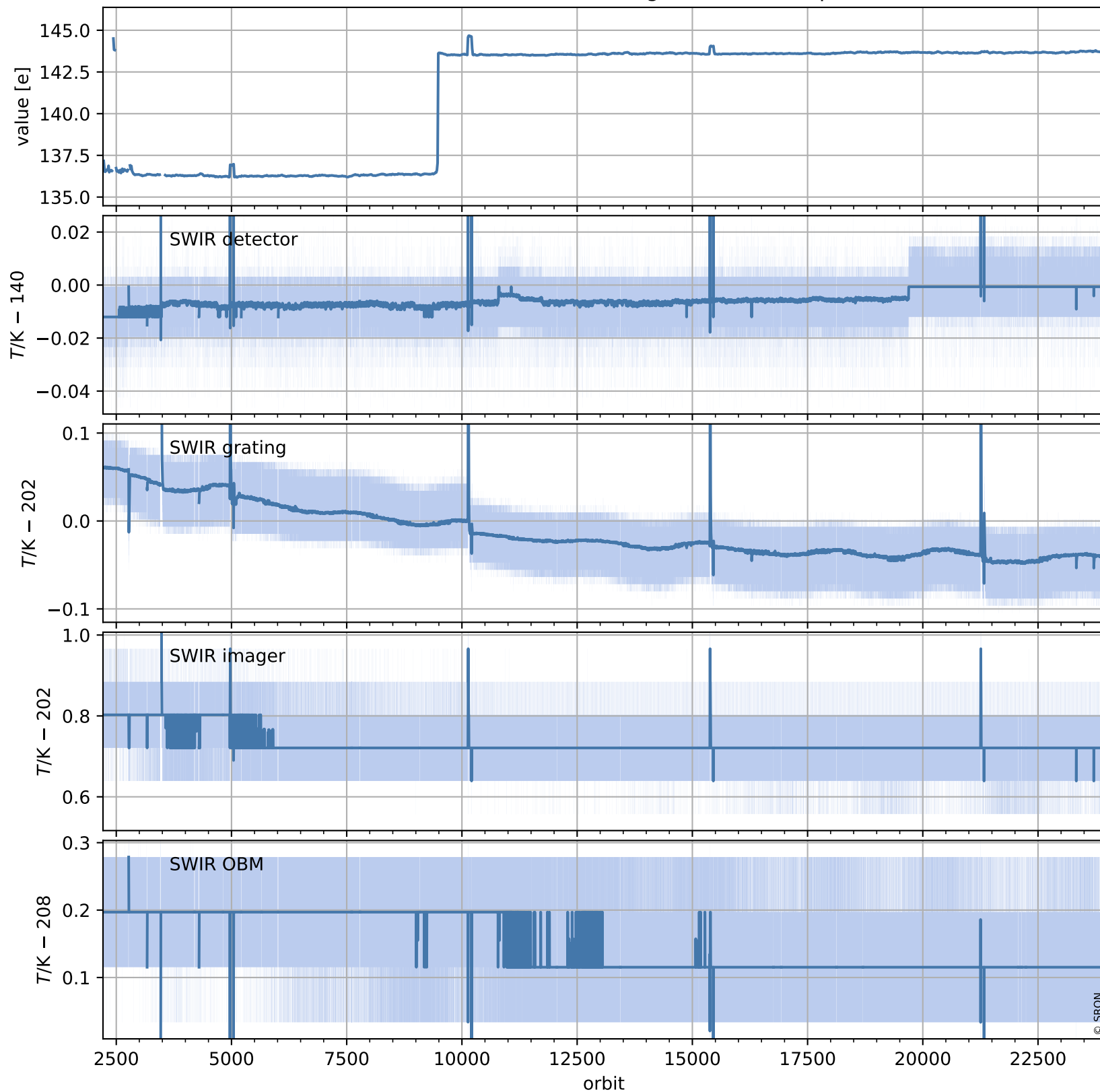
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23947]
coverage : 2018-03-18 / 2022-05-27
created : 2023-08-21T16:33:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23947]
coverage : 2018-03-18 / 2022-05-27
created : 2023-08-21T16:33:39

trend of normalized read-noise & temperatures

