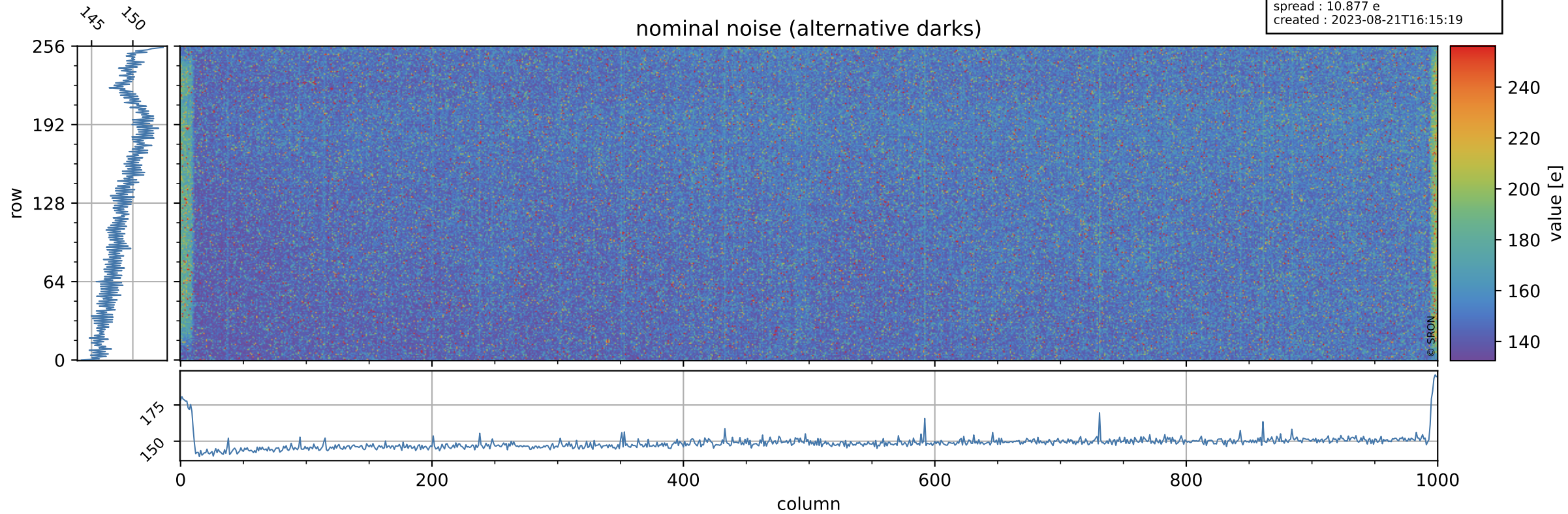


Tropomi SWIR background noise (swir)

orbits : 12 in [20992, 21067]
coverage : 2021-10-31 / 2021-11-05
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.877 e
created : 2023-08-21T16:15:19

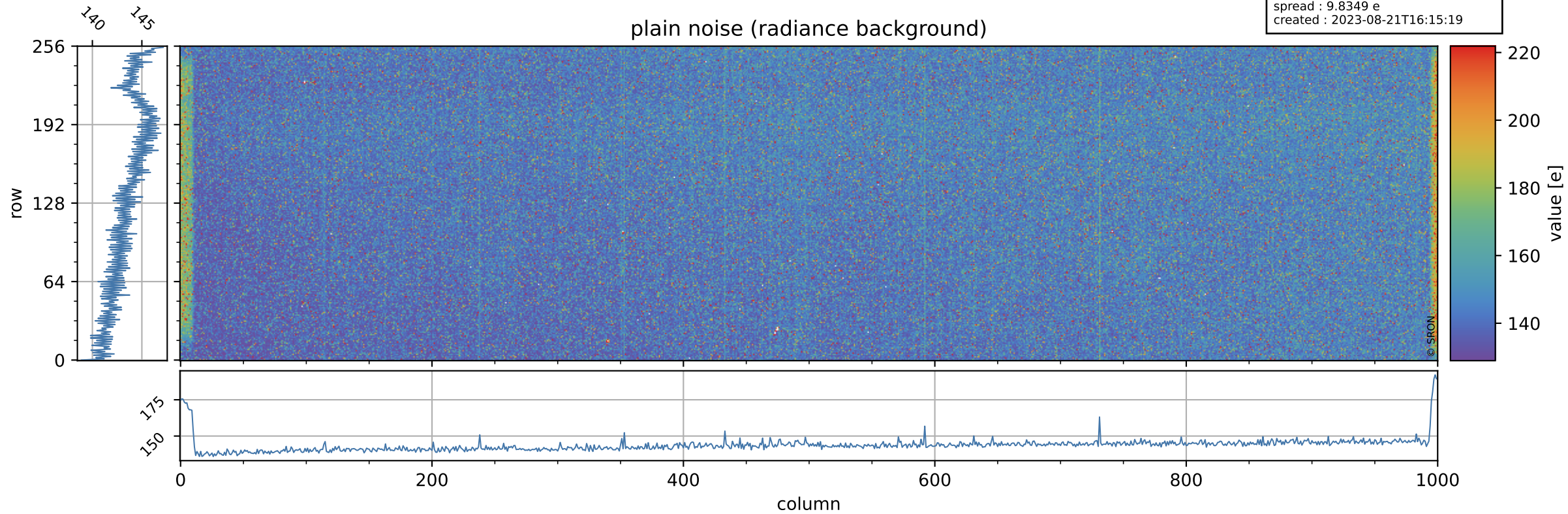
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20992, 21067]
coverage : 2021-10-31 / 2021-11-05
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.8349 e
created : 2023-08-21T16:15:19

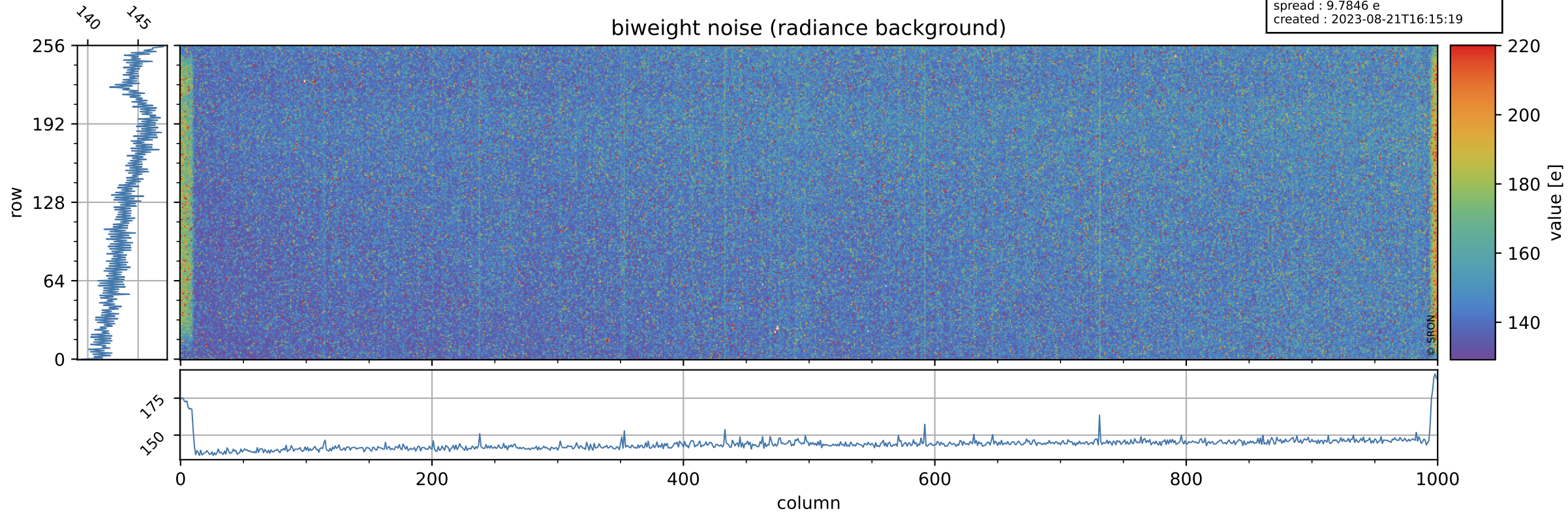
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20992, 21067]
coverage : 2021-10-31 / 2021-11-05
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.7846 e
created : 2023-08-21T16:15:19

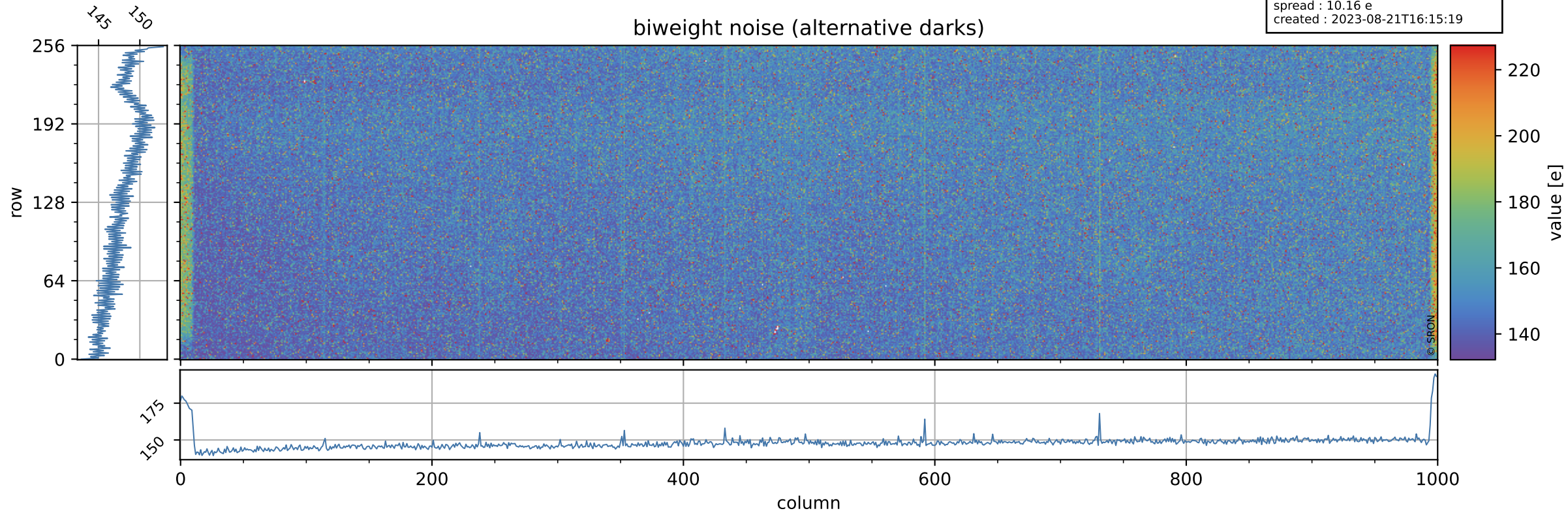
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20992, 21067]
coverage : 2021-10-31 / 2021-11-05
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.16 e
created : 2023-08-21T16:15:19

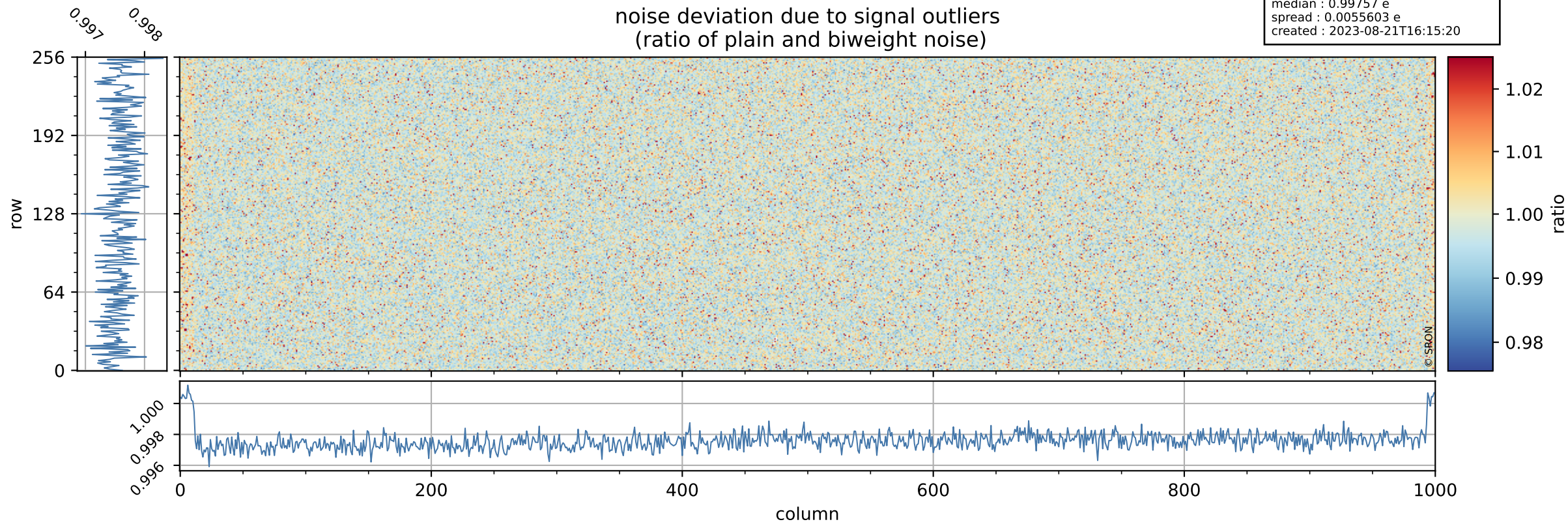
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

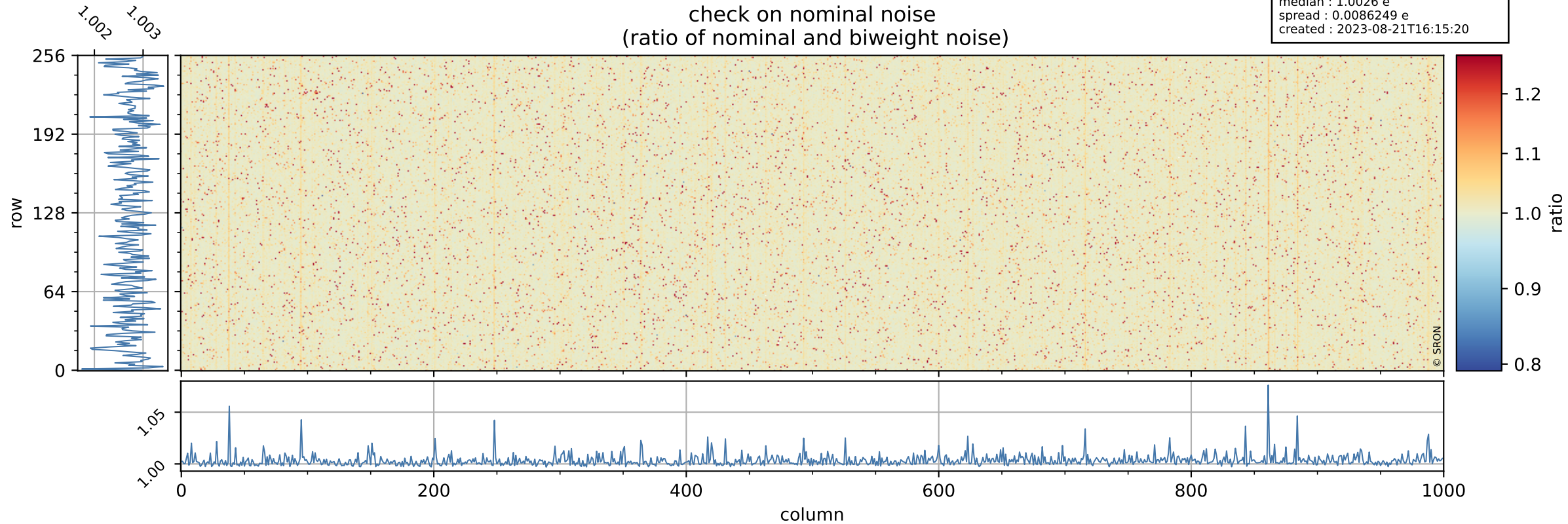
orbits : 12 in [20992, 21067]
coverage : 2021-10-31 / 2021-11-05
median : 0.99757 e
spread : 0.0055603 e
created : 2023-08-21T16:15:20



Tropomi SWIR background noise (swir)

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

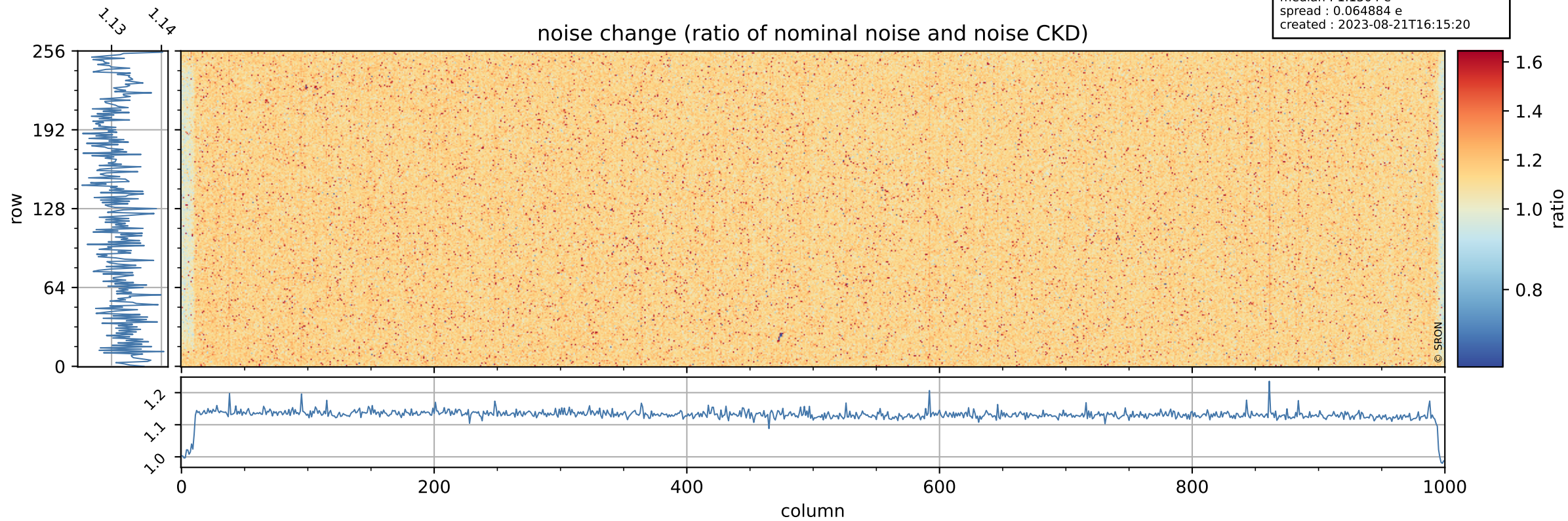
orbits : 12 in [20992, 21067]
coverage : 2021-10-31 / 2021-11-05
median : 1.0026 e
spread : 0.0086249 e
created : 2023-08-21T16:15:20



Tropomi SWIR background noise (swir)

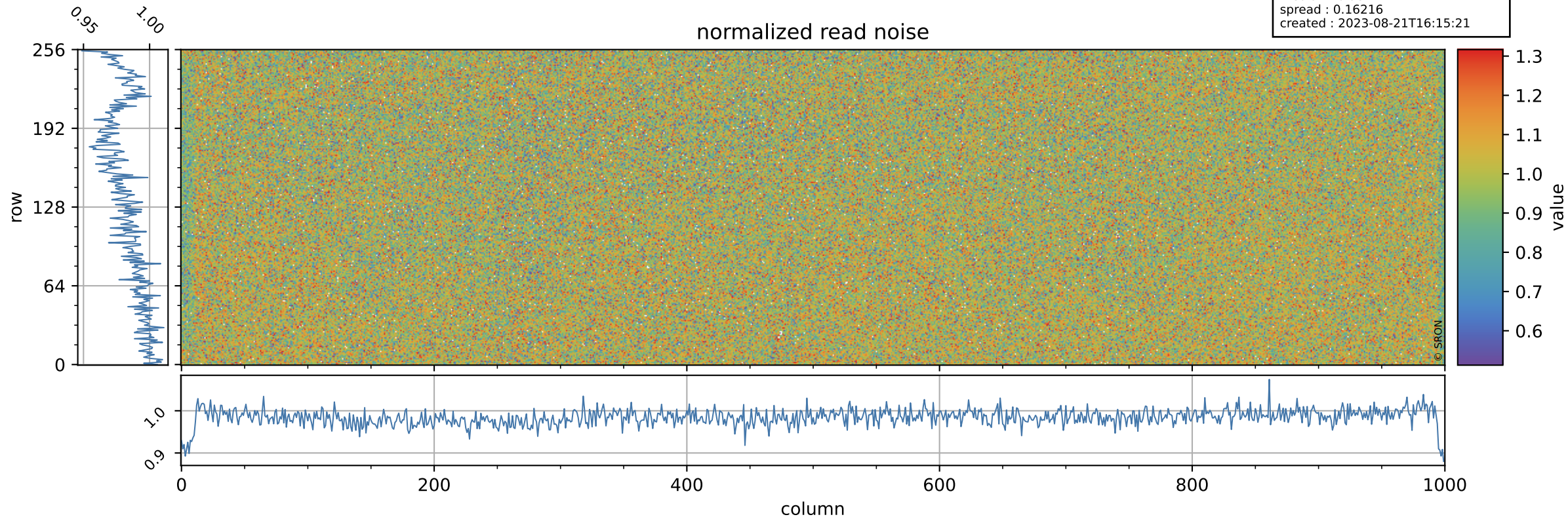
orbits : 12 in [20992, 21067]
coverage : 2021-10-31 / 2021-11-05
median : 1.1304 e
spread : 0.064884 e
created : 2023-08-21T16:15:20

noise change (ratio of nominal noise and noise CKD)



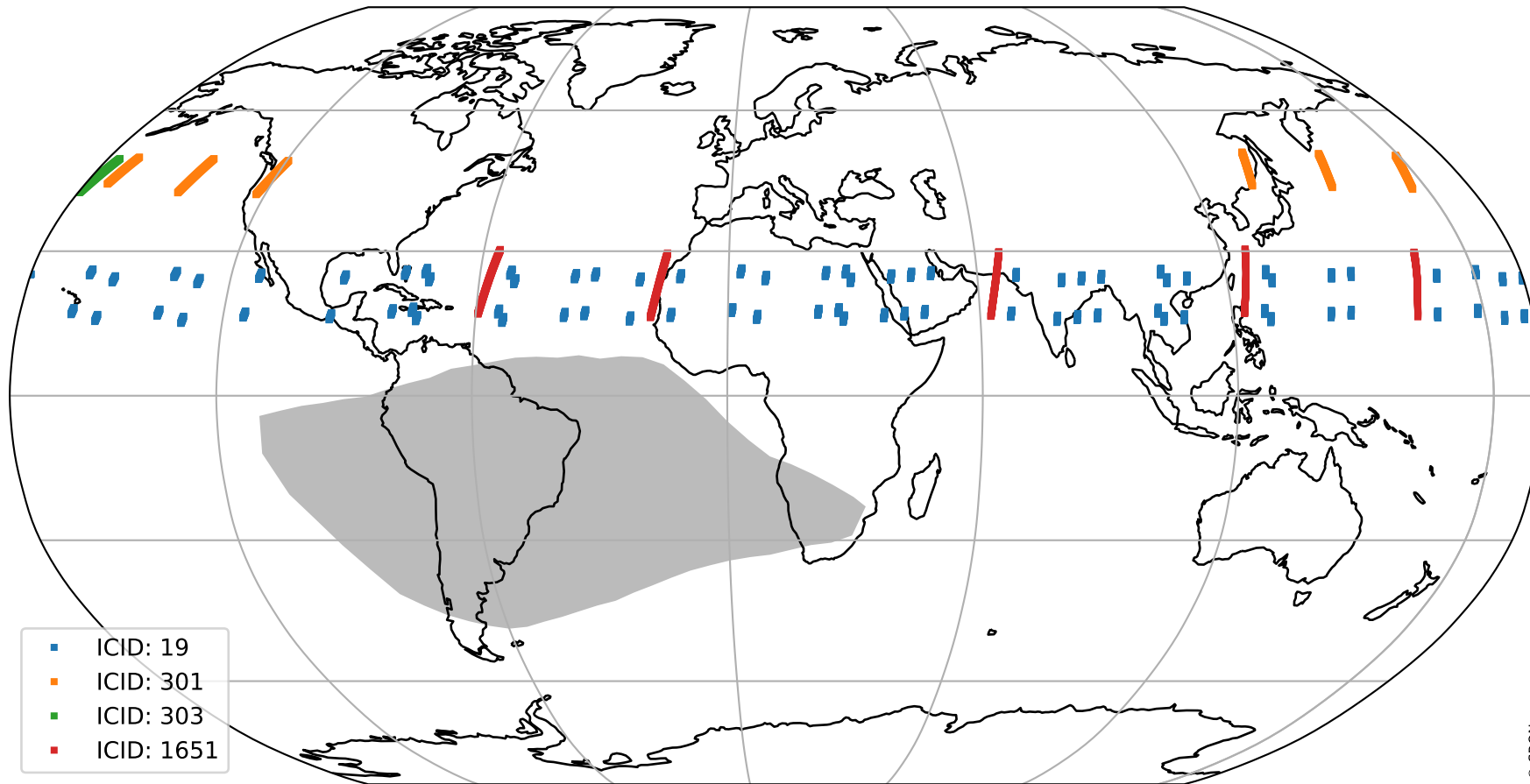
Tropomi SWIR background noise (swir)

orbits : 12 in [20992, 21067]
coverage : 2021-10-31 / 2021-11-05
median : 0.9827
spread : 0.16216
created : 2023-08-21T16:15:21



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

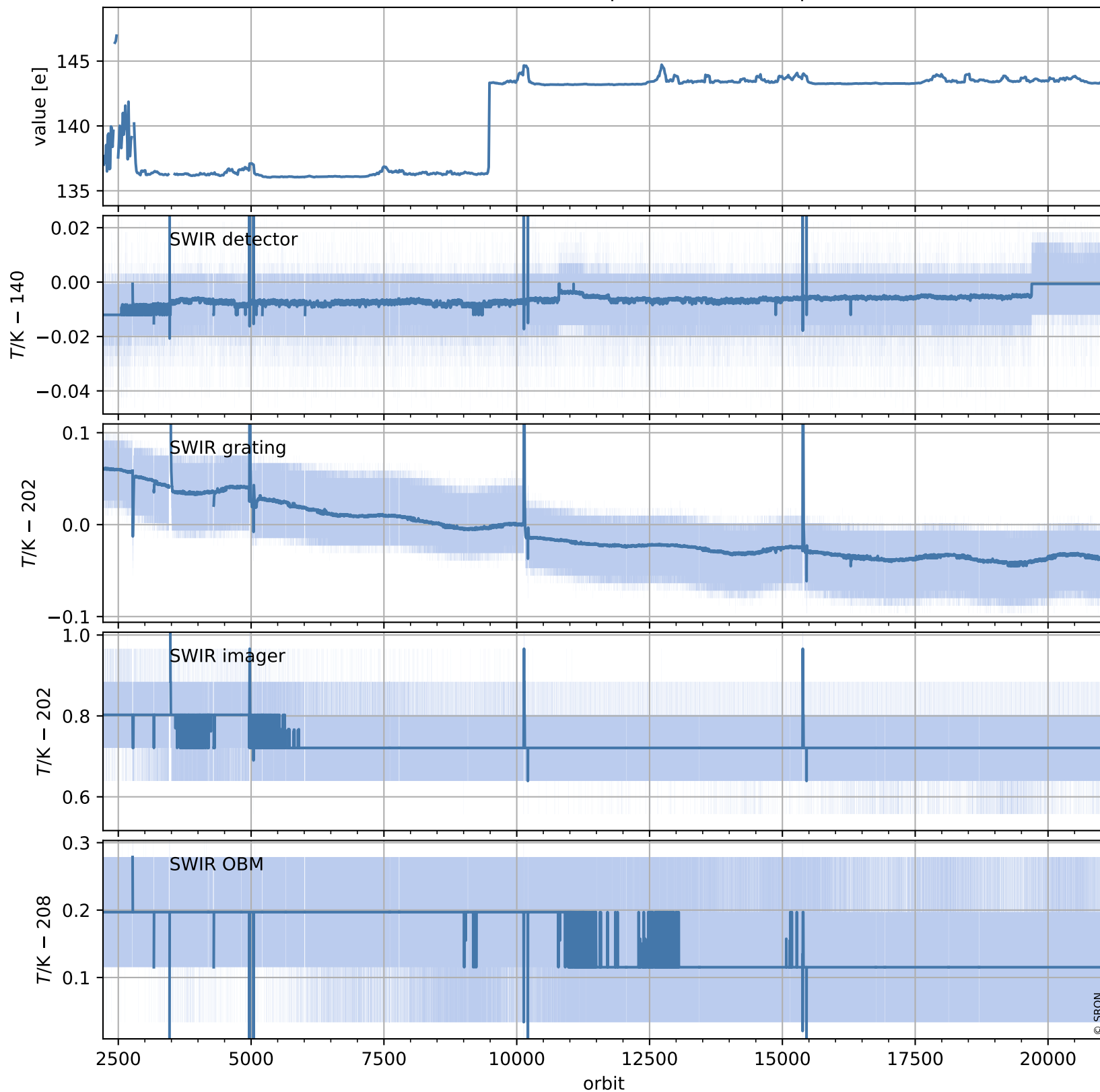
orbits : 12 in [20992, 21067]
coverage : 2021-10-31 / 2021-11-05
created : 2023-08-21T16:15:21



Tropomi SWIR background noise (swir)

orbits : [2212, 21067]
coverage : 2018-03-18 / 2021-11-05
created : 2023-08-21T16:15:21

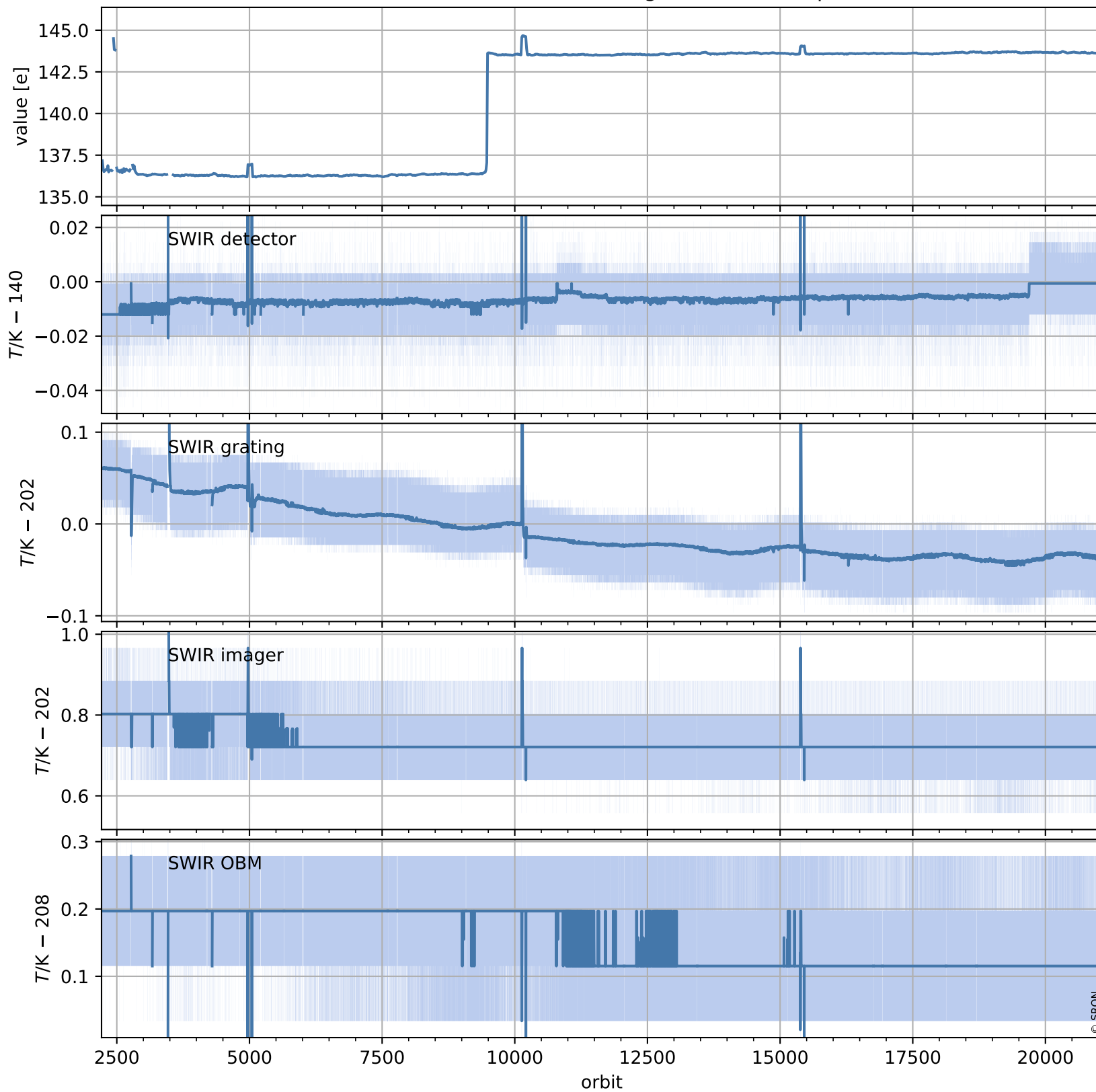
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21067]
coverage : 2018-03-18 / 2021-11-05
created : 2023-08-21T16:15:22

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21067]
coverage : 2018-03-18 / 2021-11-05
created : 2023-08-21T16:15:23

trend of normalized read-noise & temperatures

