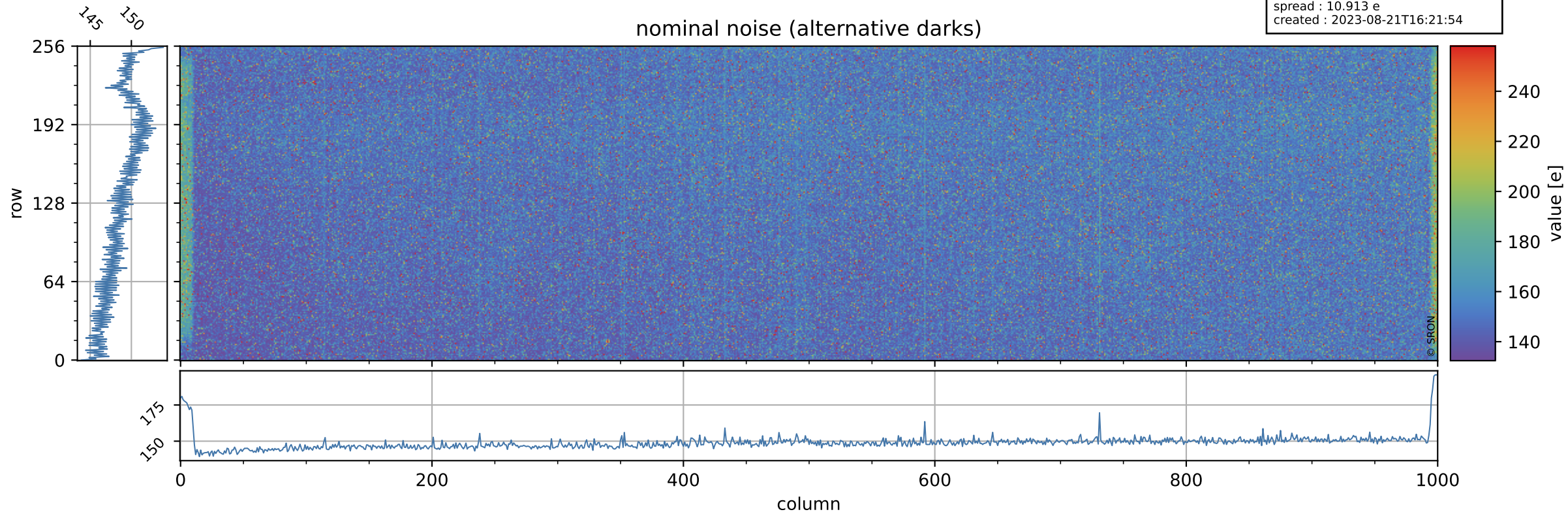


Tropomi SWIR background noise (swir)

orbits : 12 in [22042, 22132]
coverage : 2022-01-14 / 2022-01-19
n_coad, t_exp : 1, 1.0783
median : 148.7 e
spread : 10.913 e
created : 2023-08-21T16:21:54

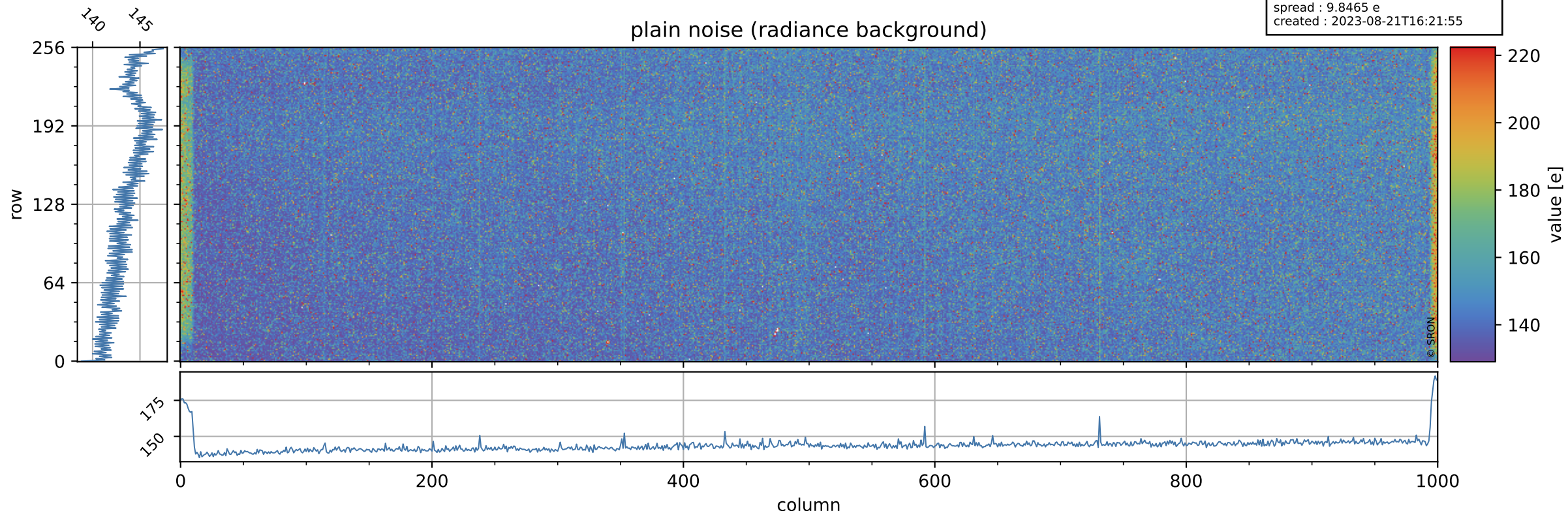
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22042, 22132]
coverage : 2022-01-14 / 2022-01-19
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.8465 e
created : 2023-08-21T16:21:55

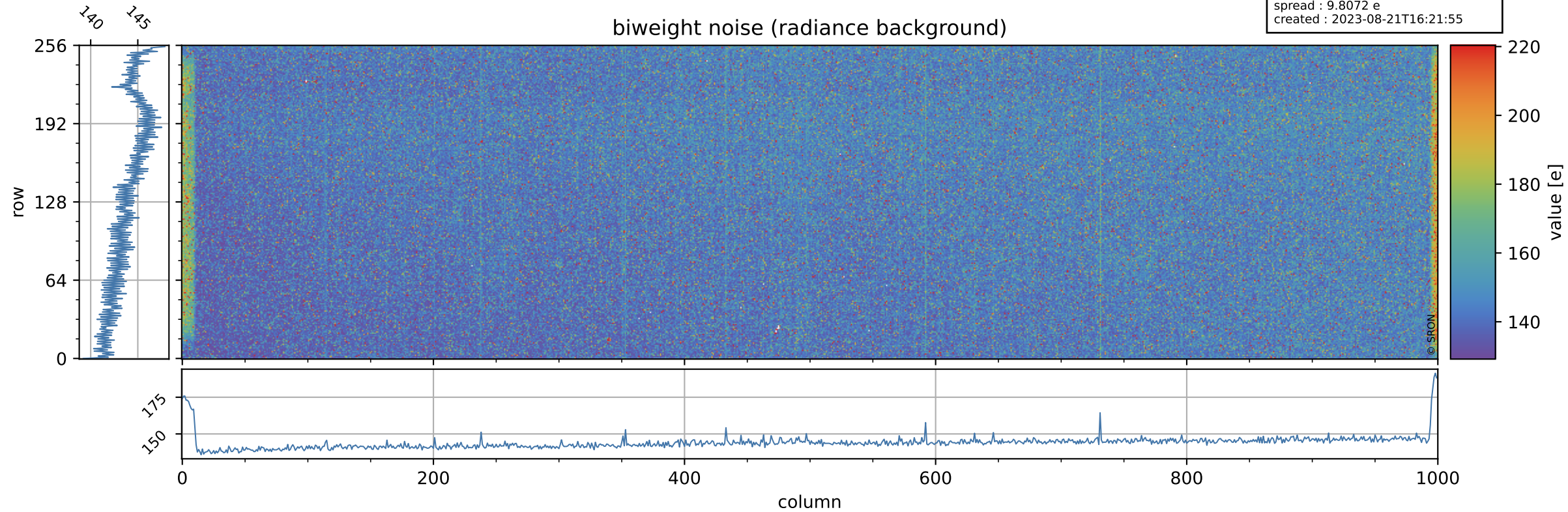
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22042, 22132]
coverage : 2022-01-14 / 2022-01-19
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.8072 e
created : 2023-08-21T16:21:55

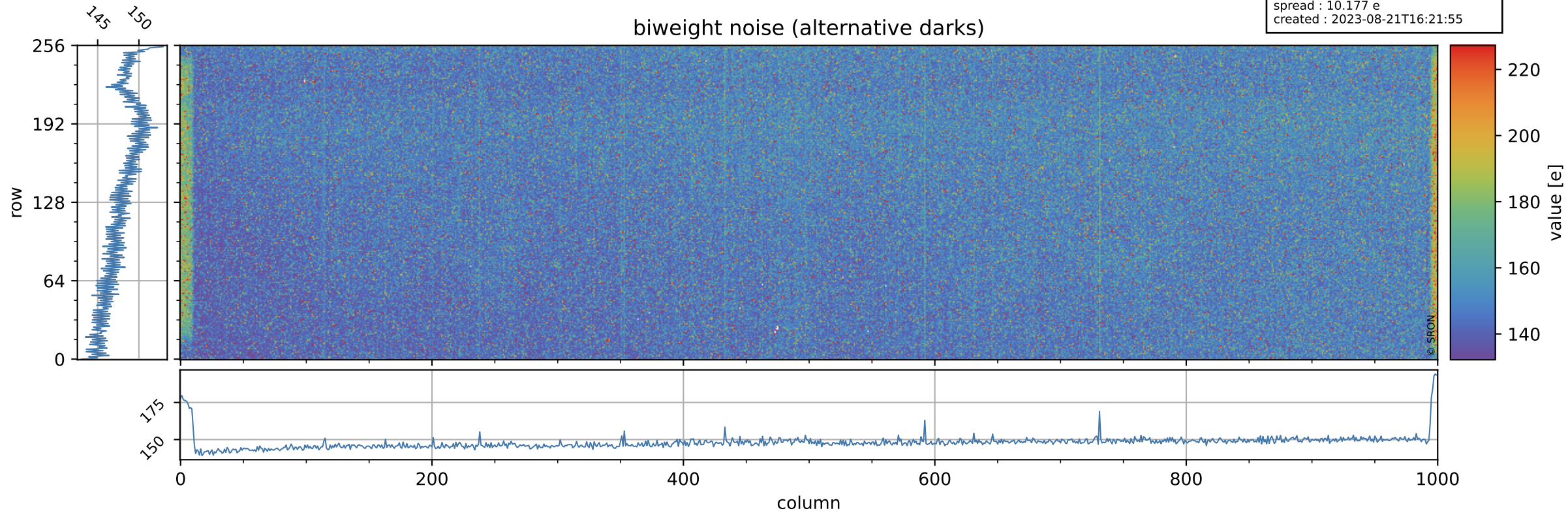
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22042, 22132]
coverage : 2022-01-14 / 2022-01-19
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.177 e
created : 2023-08-21T16:21:55

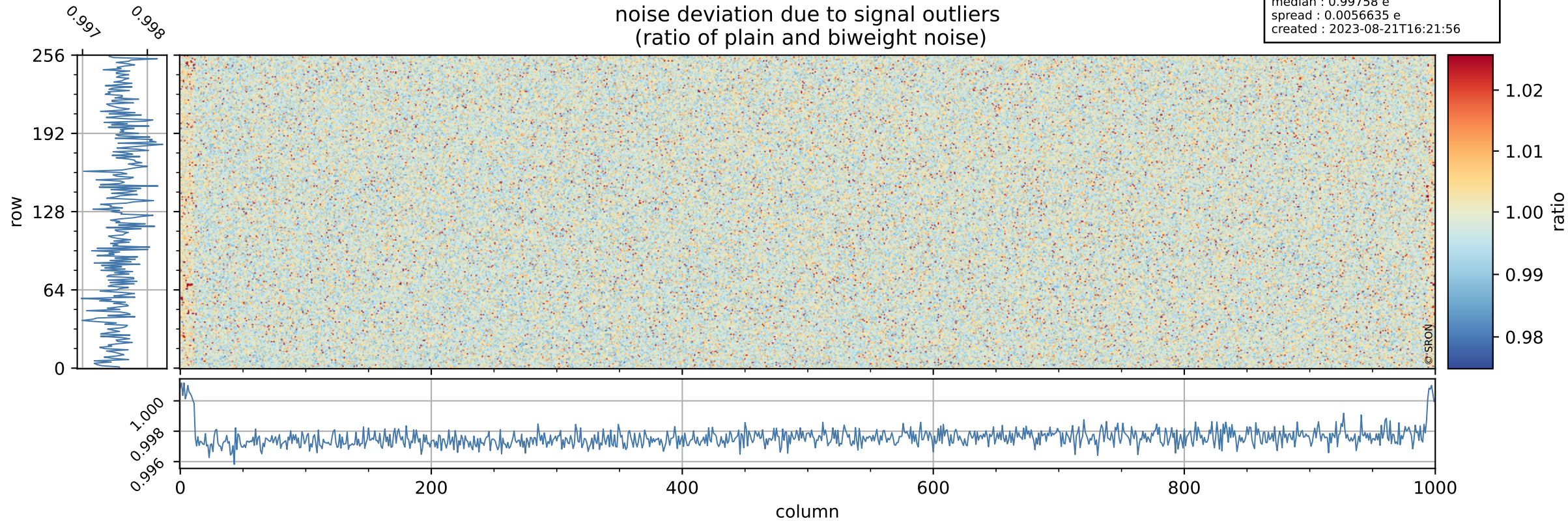
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

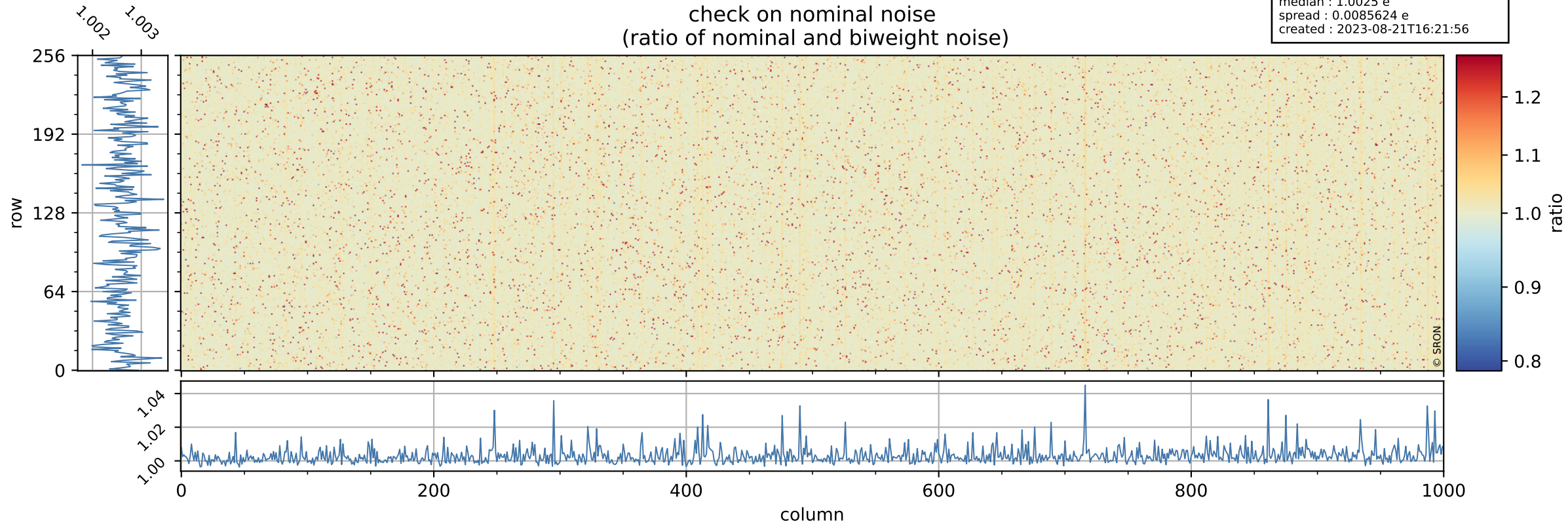
orbits : 12 in [22042, 22132]
coverage : 2022-01-14 / 2022-01-19
median : 0.99758 e
spread : 0.0056635 e
created : 2023-08-21T16:21:56



Tropomi SWIR background noise (swir)

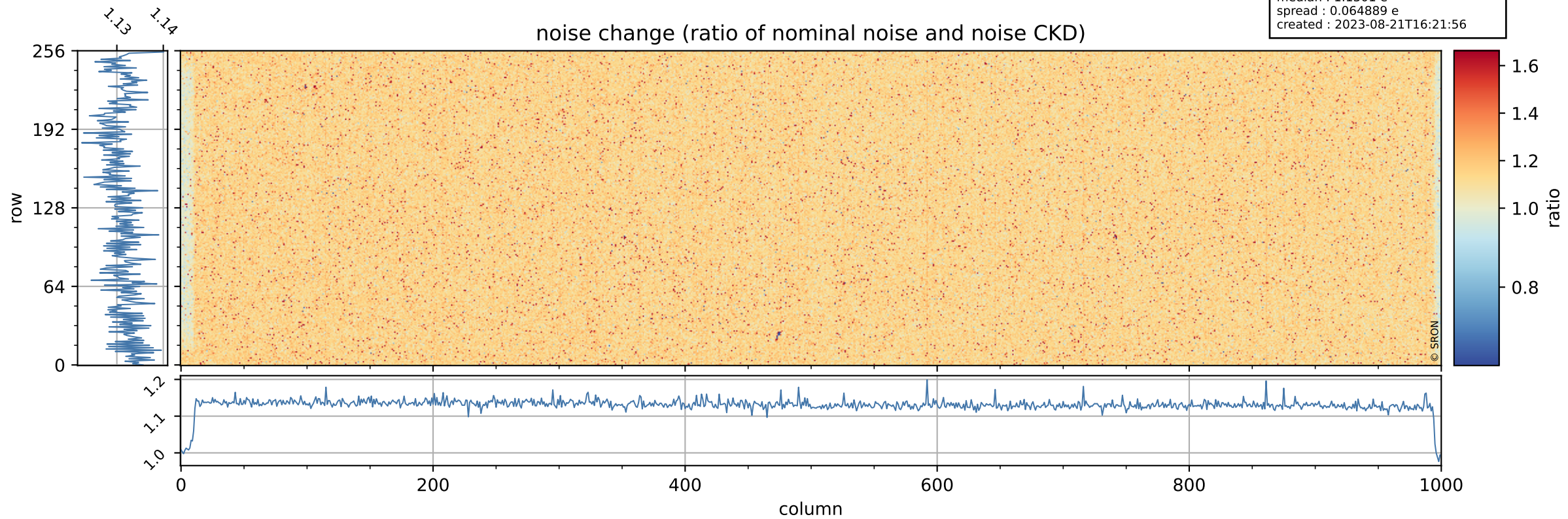
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22042, 22132]
coverage : 2022-01-14 / 2022-01-19
median : 1.0025 e
spread : 0.0085624 e
created : 2023-08-21T16:21:56



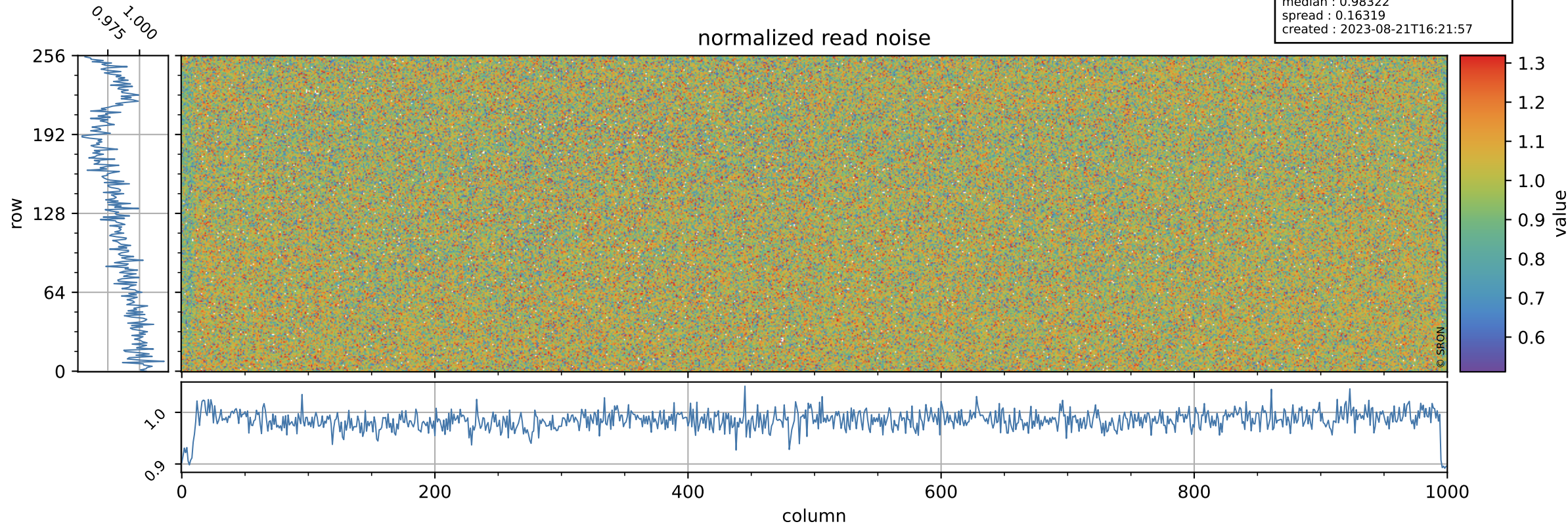
Tropomi SWIR background noise (swir)

orbits : 12 in [22042, 22132]
coverage : 2022-01-14 / 2022-01-19
median : 1.1301 e
spread : 0.064889 e
created : 2023-08-21T16:21:56



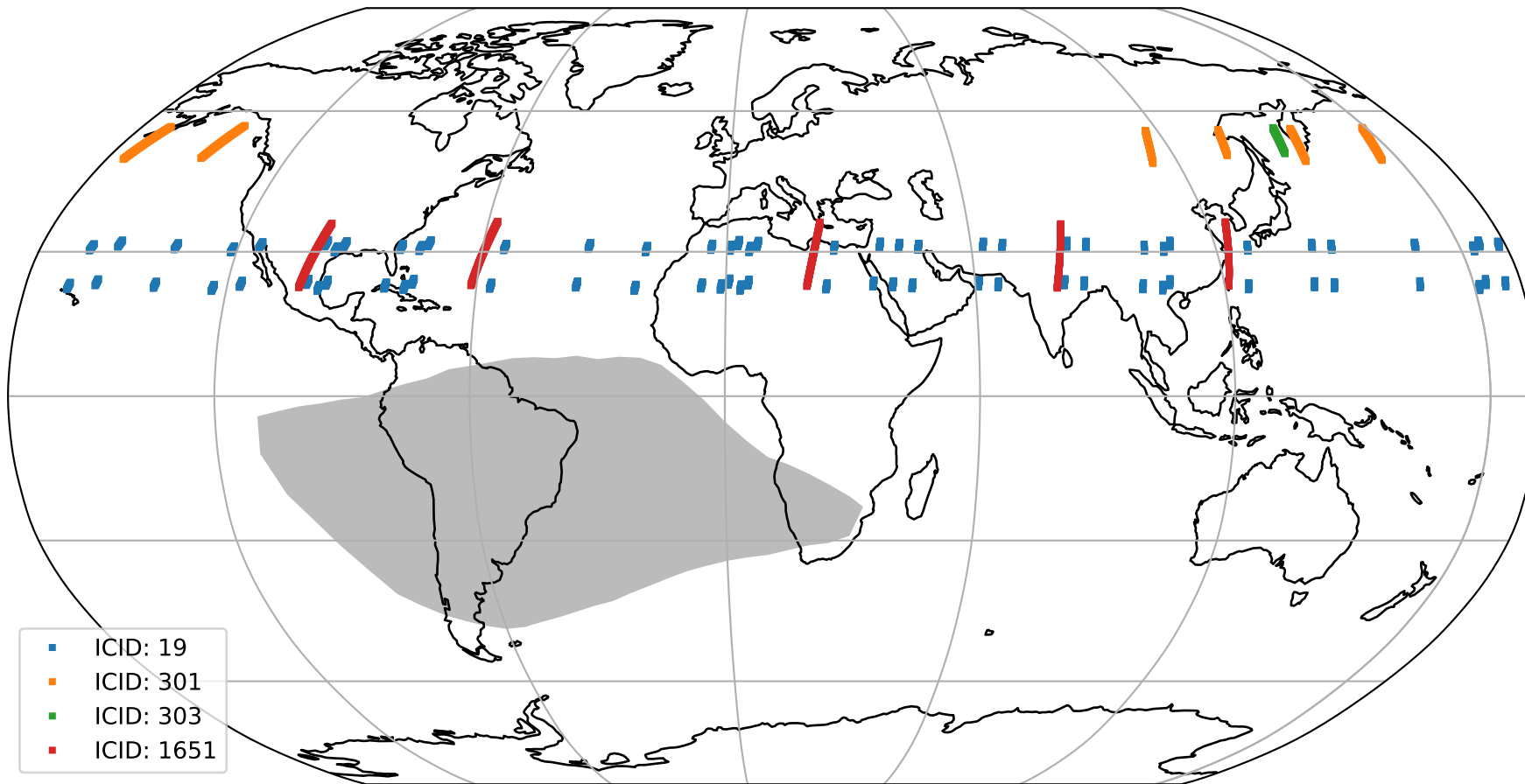
Tropomi SWIR background noise (swir)

orbits : 12 in [22042, 22132]
coverage : 2022-01-14 / 2022-01-19
median : 0.98322
spread : 0.16319
created : 2023-08-21T16:21:57



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

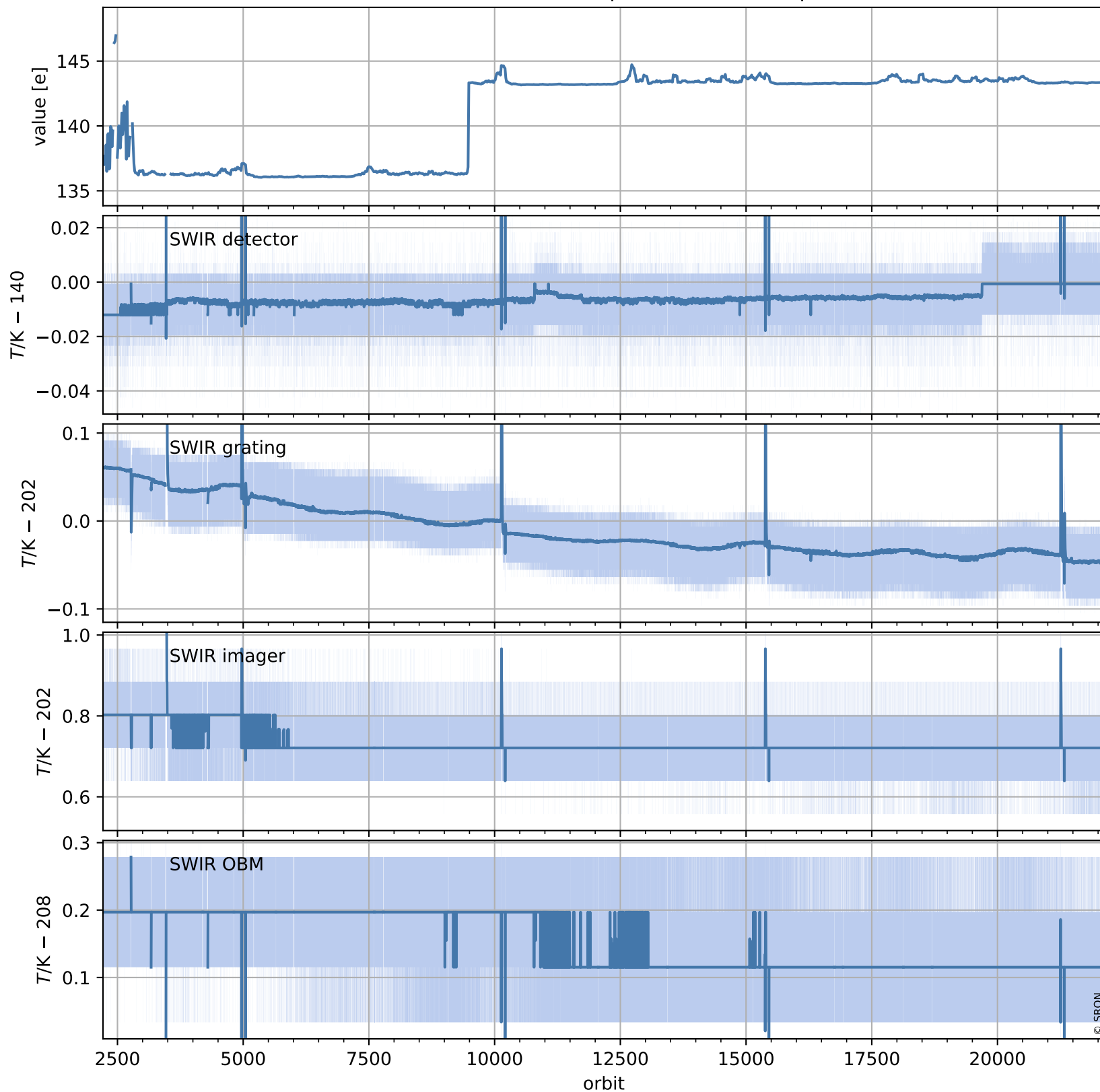
orbits : 12 in [22042, 22132]
coverage : 2022-01-14 / 2022-01-19
created : 2023-08-21T16:21:57



Tropomi SWIR background noise (swir)

orbits : [2212, 22132]
coverage : 2018-03-18 / 2022-01-19
created : 2023-08-21T16:21:57

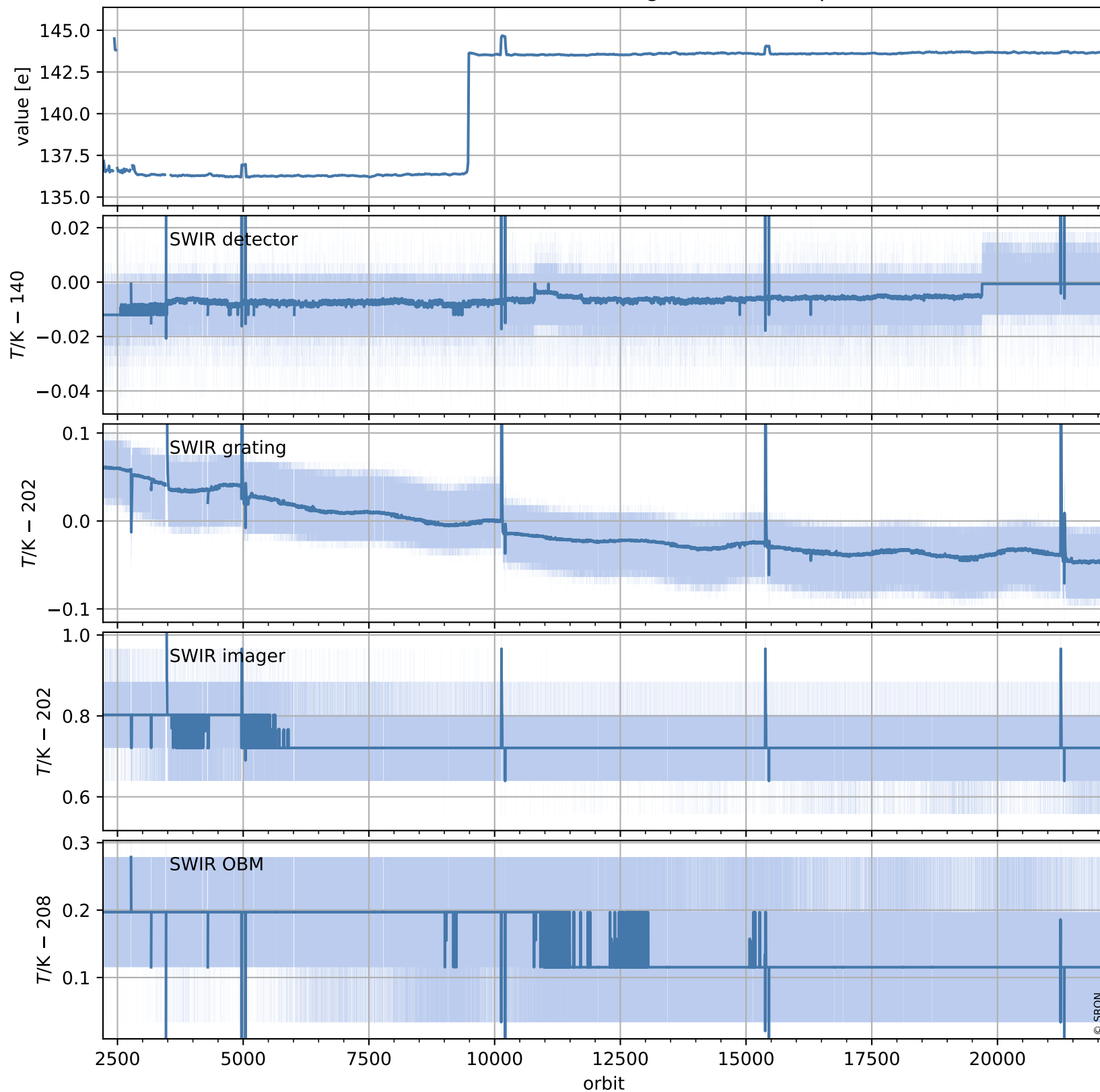
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22132]
coverage : 2018-03-18 / 2022-01-19
created : 2023-08-21T16:21:58

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22132]
coverage : 2018-03-18 / 2022-01-19
created : 2023-08-21T16:21:59

trend of normalized read-noise & temperatures

