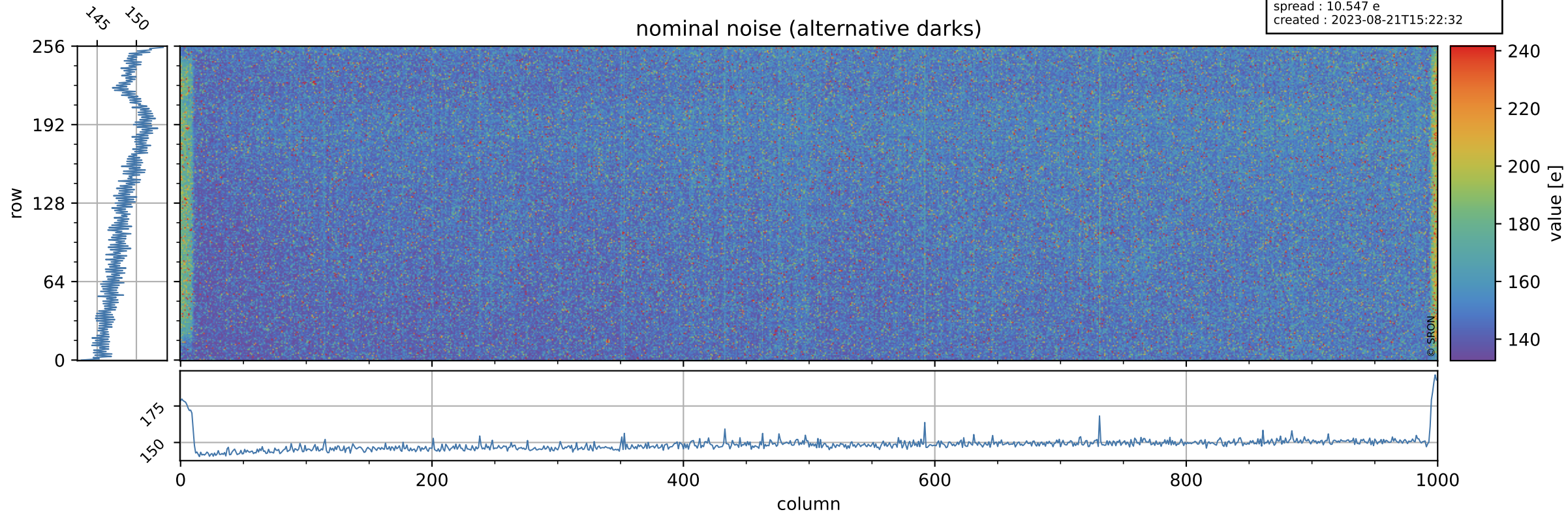


Tropomi SWIR background noise (swir)

orbits : 13 in [11782, 11872]
coverage : 2020-01-22 / 2020-01-27
n_coad, t_exp : 1, 1.0783
median : 148.43 e
spread : 10.547 e
created : 2023-08-21T15:22:32

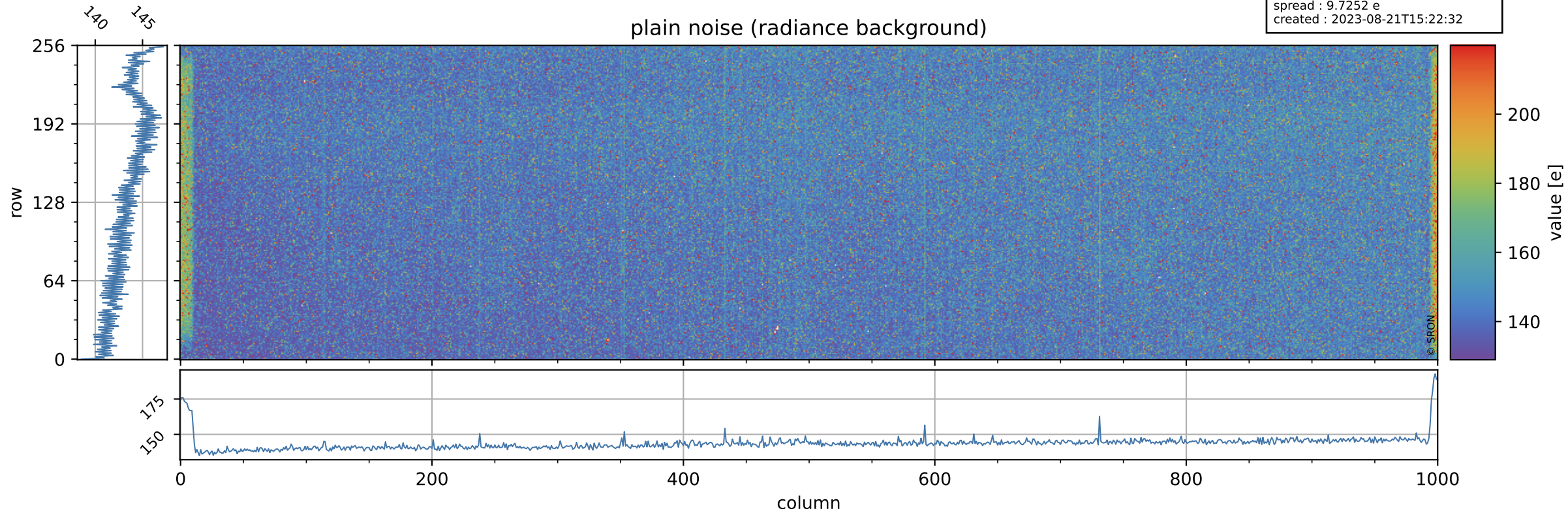
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [11782, 11872]
coverage : 2020-01-22 / 2020-01-27
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7252 e
created : 2023-08-21T15:22:32

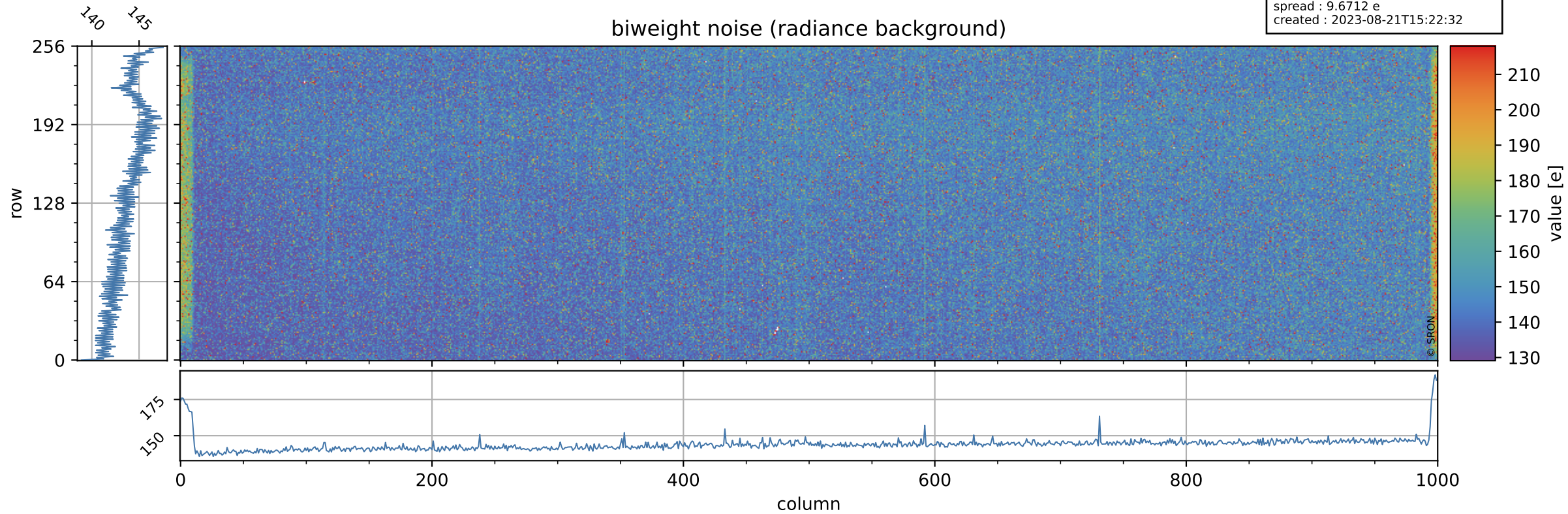
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [11782, 11872]
coverage : 2020-01-22 / 2020-01-27
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.6712 e
created : 2023-08-21T15:22:32

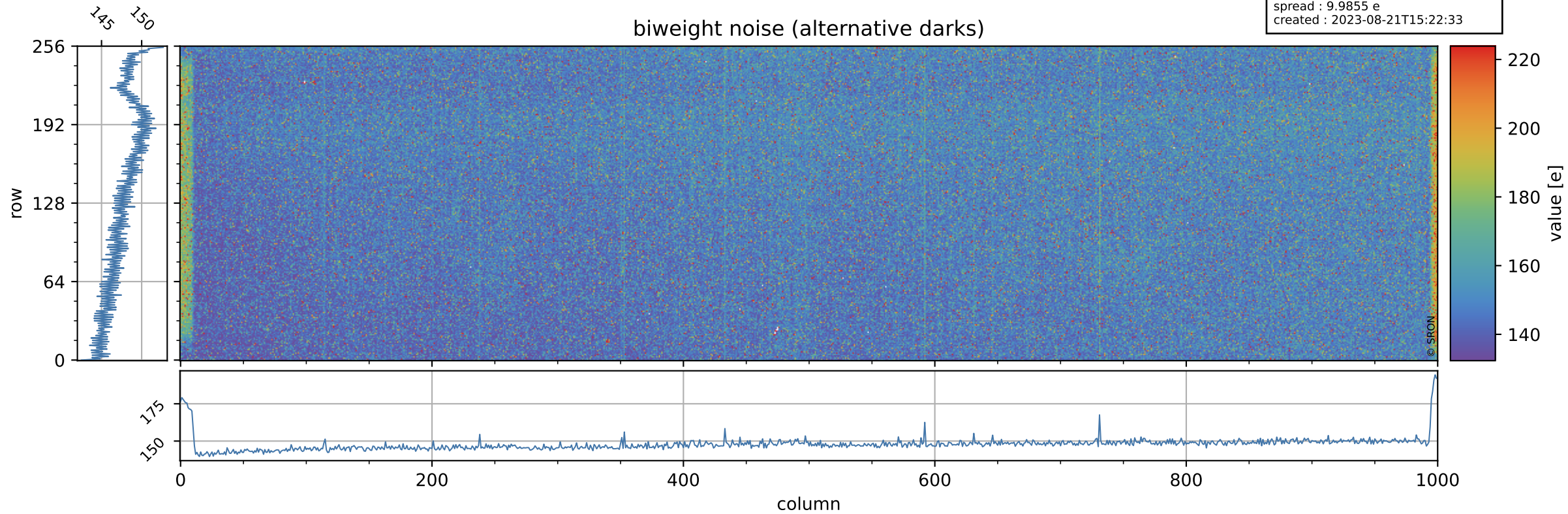
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [11782, 11872]
coverage : 2020-01-22 / 2020-01-27
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 9.9855 e
created : 2023-08-21T15:22:33

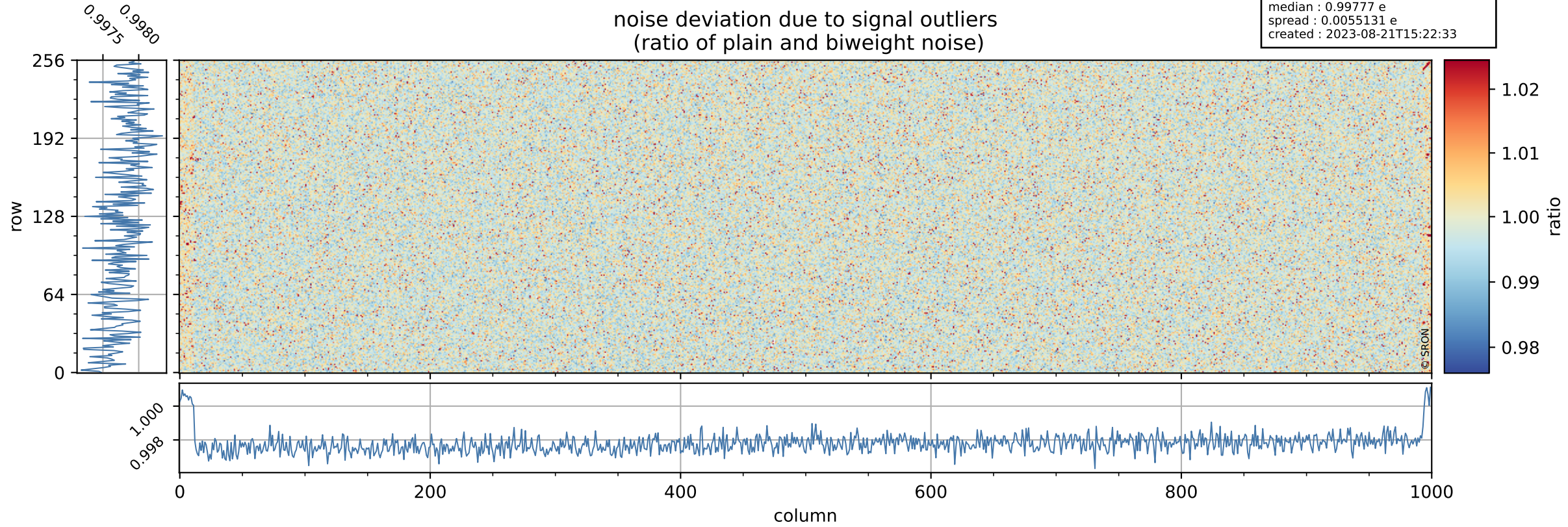
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

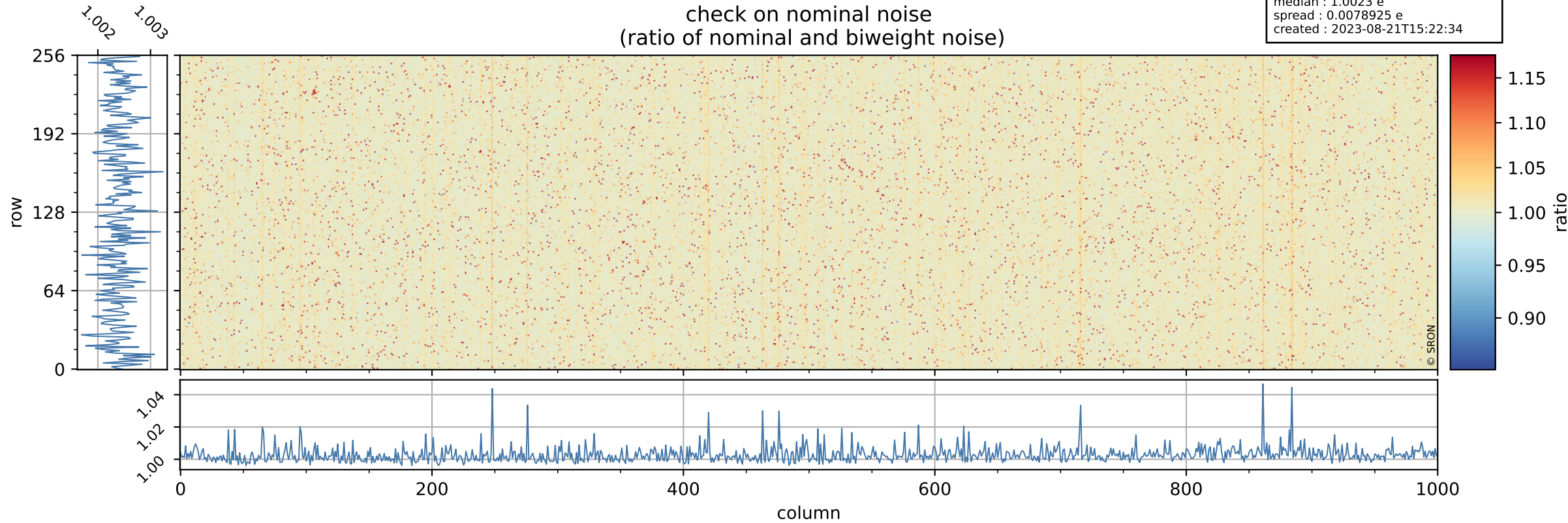
orbits : 13 in [11782, 11872]
coverage : 2020-01-22 / 2020-01-27
median : 0.99777 e
spread : 0.0055131 e
created : 2023-08-21T15:22:33



Tropomi SWIR background noise (swir)

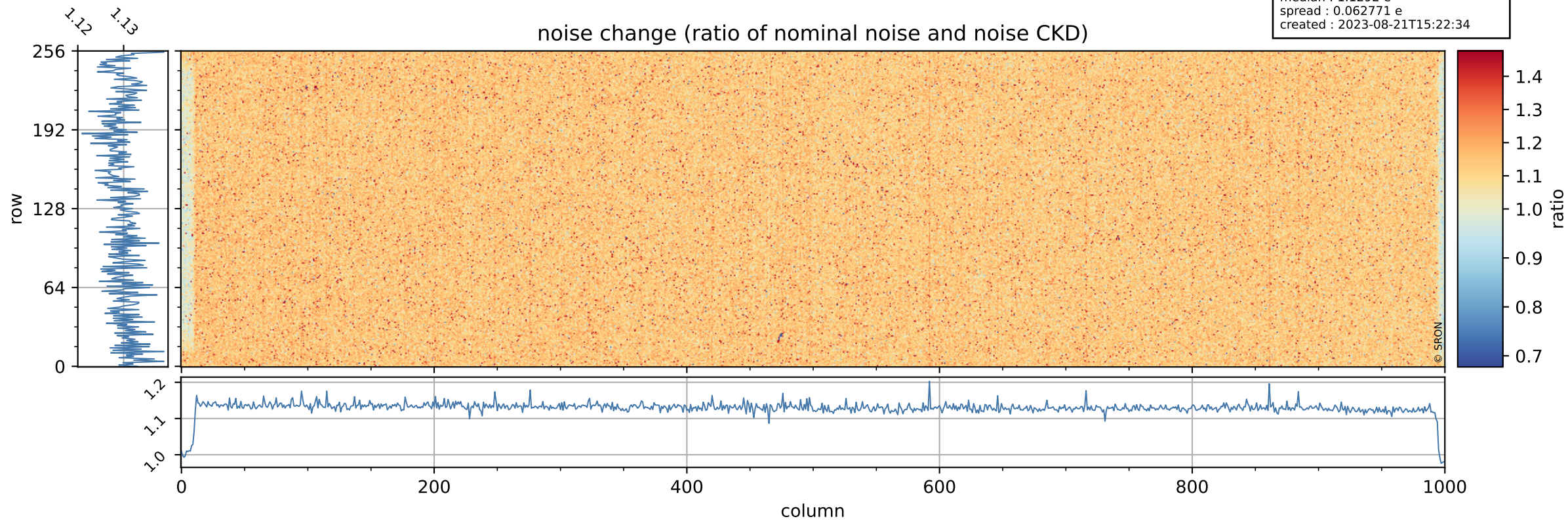
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [11782, 11872]
coverage : 2020-01-22 / 2020-01-27
median : 1.0023 e
spread : 0.0078925 e
created : 2023-08-21T15:22:34



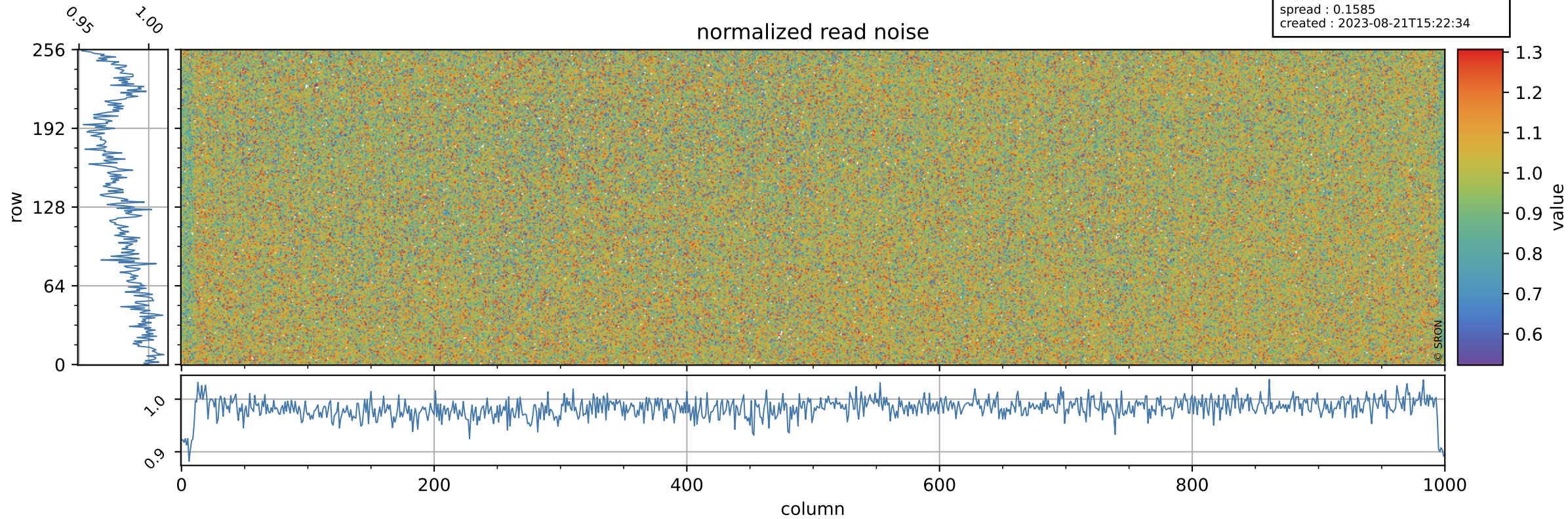
Tropomi SWIR background noise (swir)

orbits : 13 in [11782, 11872]
coverage : 2020-01-22 / 2020-01-27
median : 1.1292 e
spread : 0.062771 e
created : 2023-08-21T15:22:34



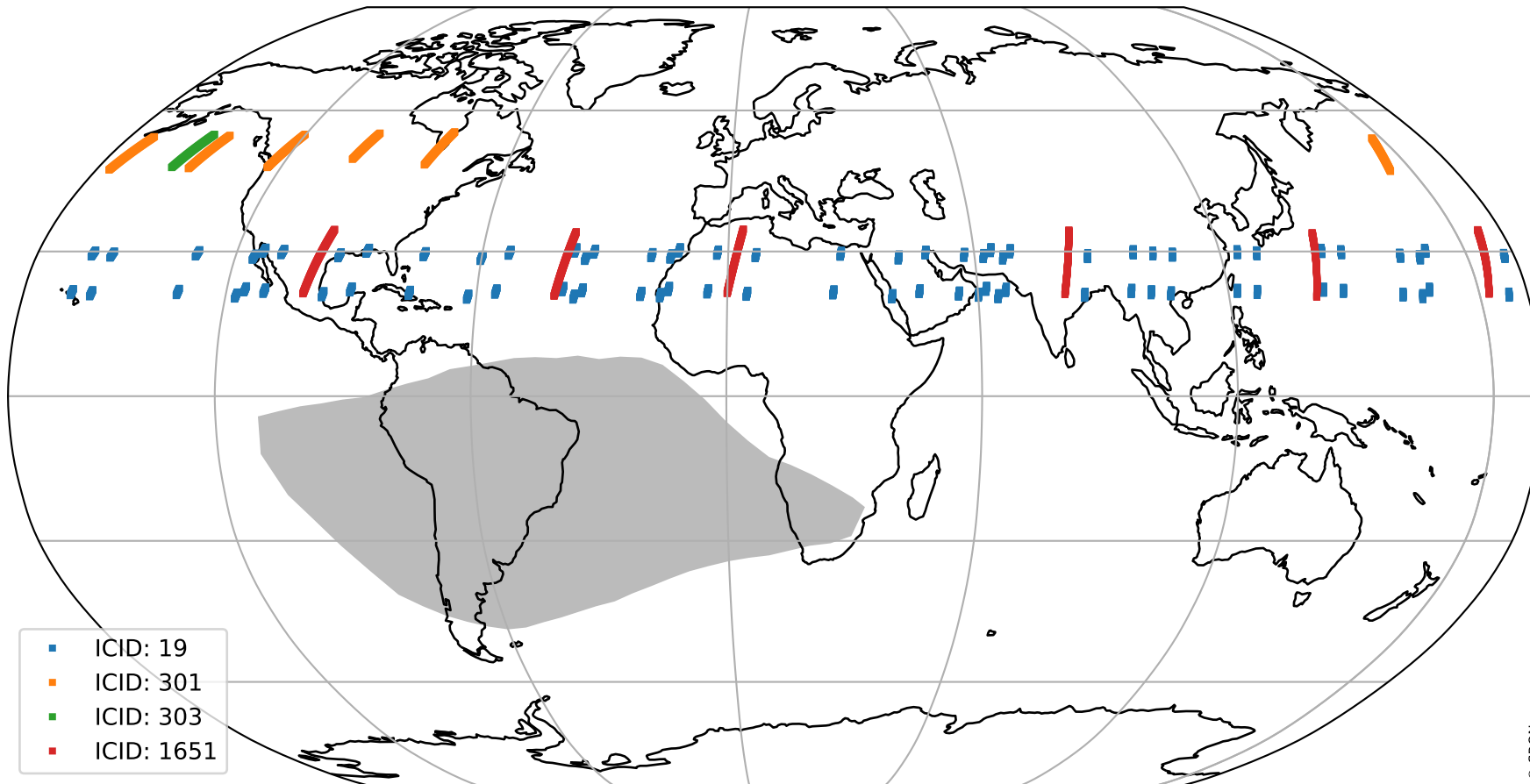
Tropomi SWIR background noise (swir)

orbits : 13 in [11782, 11872]
coverage : 2020-01-22 / 2020-01-27
median : 0.98164
spread : 0.1585
created : 2023-08-21T15:22:34



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

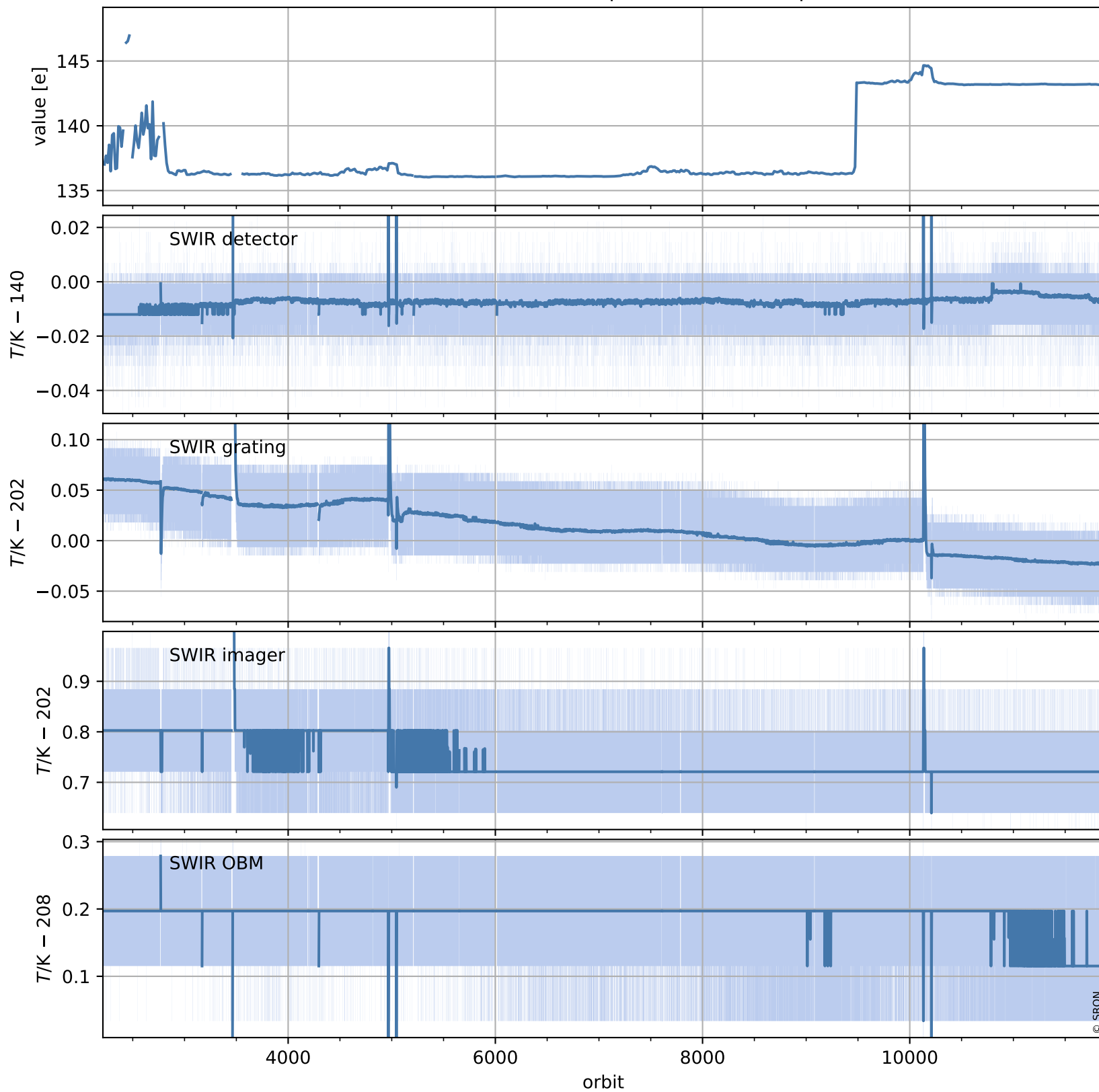
orbits : 13 in [11782, 11872]
coverage : 2020-01-22 / 2020-01-27
created : 2023-08-21T15:22:35



Tropomi SWIR background noise (swir)

orbits : [2212, 11872]
coverage : 2018-03-18 / 2020-01-27
created : 2023-08-21T15:22:35

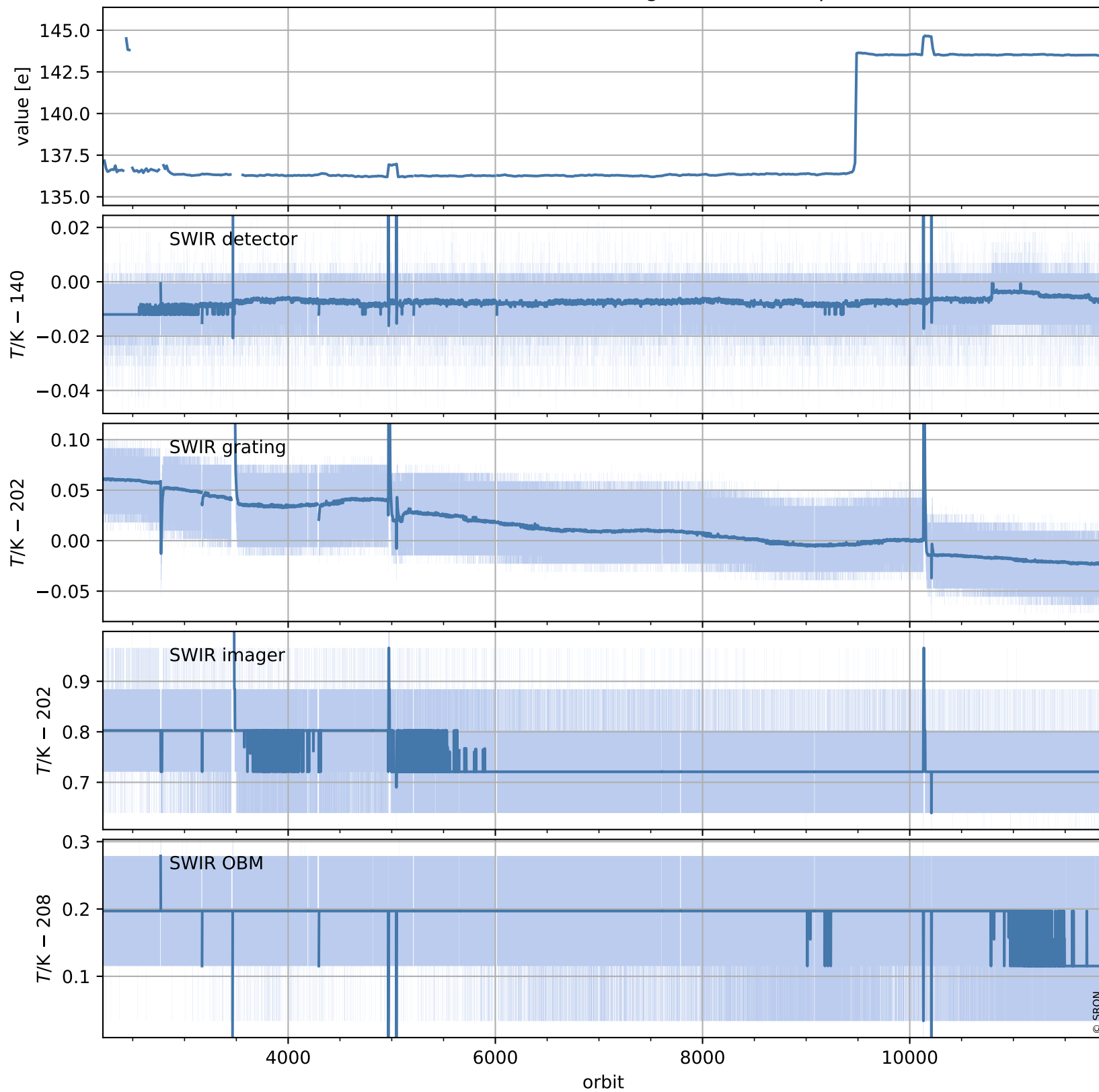
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11872]
coverage : 2018-03-18 / 2020-01-27
created : 2023-08-21T15:22:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11872]
coverage : 2018-03-18 / 2020-01-27
created : 2023-08-21T15:22:37

trend of normalized read-noise & temperatures

