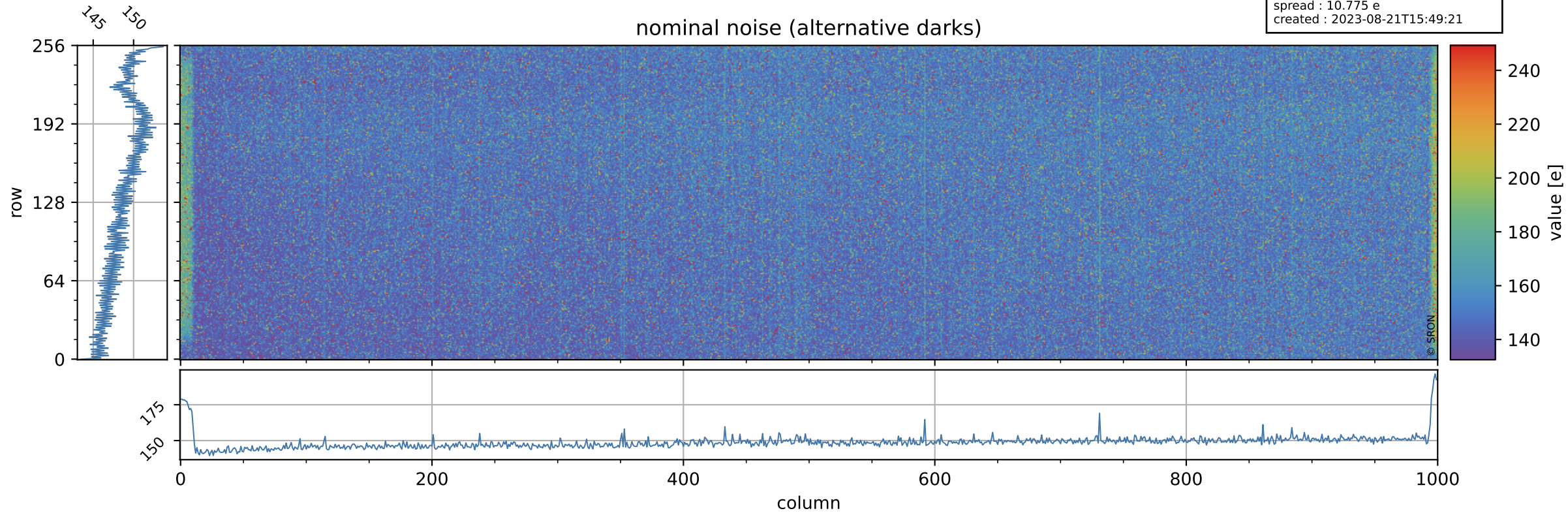


Tropomi SWIR background noise (swir)

orbits : 12 in [16642, 16732]
coverage : 2020-12-29 / 2021-01-04
n_coad, t_exp : 1, 1.0783
median : 148.59 e
spread : 10.775 e
created : 2023-08-21T15:49:21

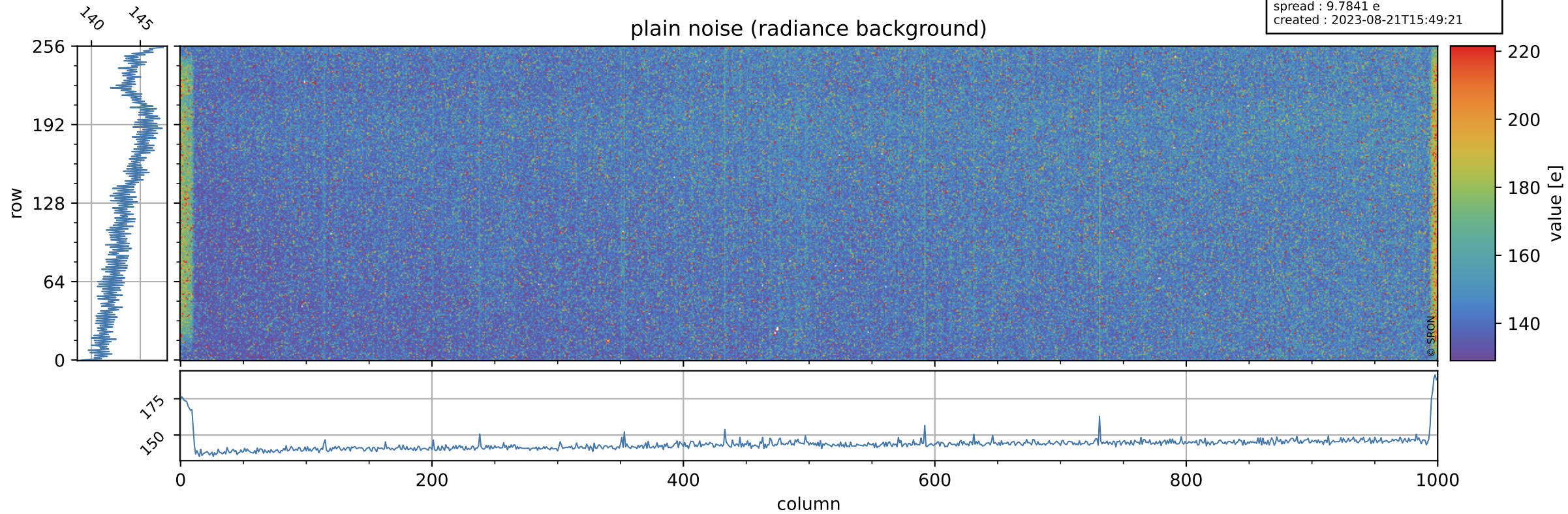
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16642, 16732]
coverage : 2020-12-29 / 2021-01-04
n_coad, t_exp : 1, 0.8383
median : 143.44 e
spread : 9.7841 e
created : 2023-08-21T15:49:21

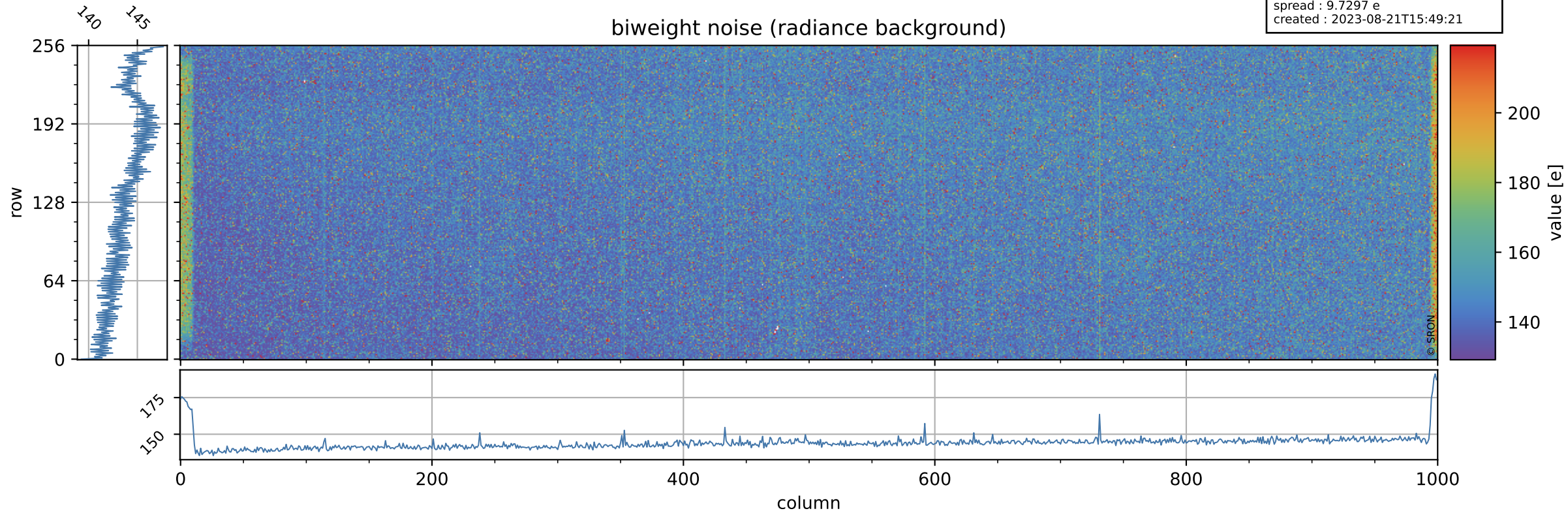
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16642, 16732]
coverage : 2020-12-29 / 2021-01-04
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7297 e
created : 2023-08-21T15:49:21

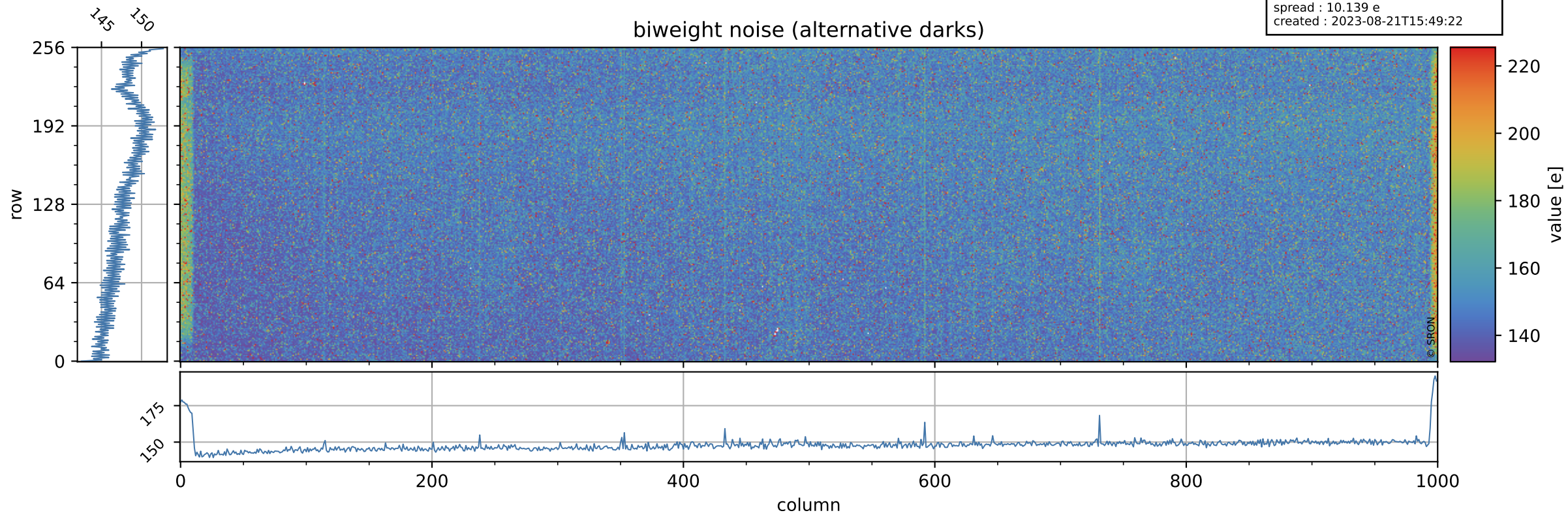
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16642, 16732]
coverage : 2020-12-29 / 2021-01-04
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.139 e
created : 2023-08-21T15:49:22

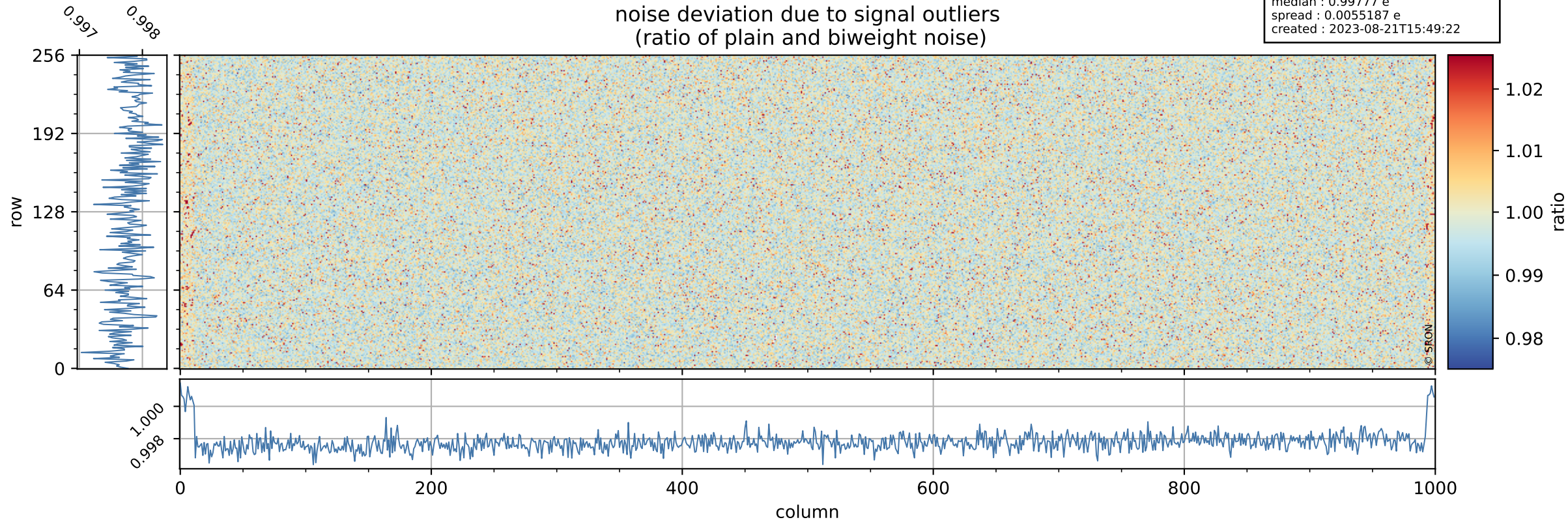
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

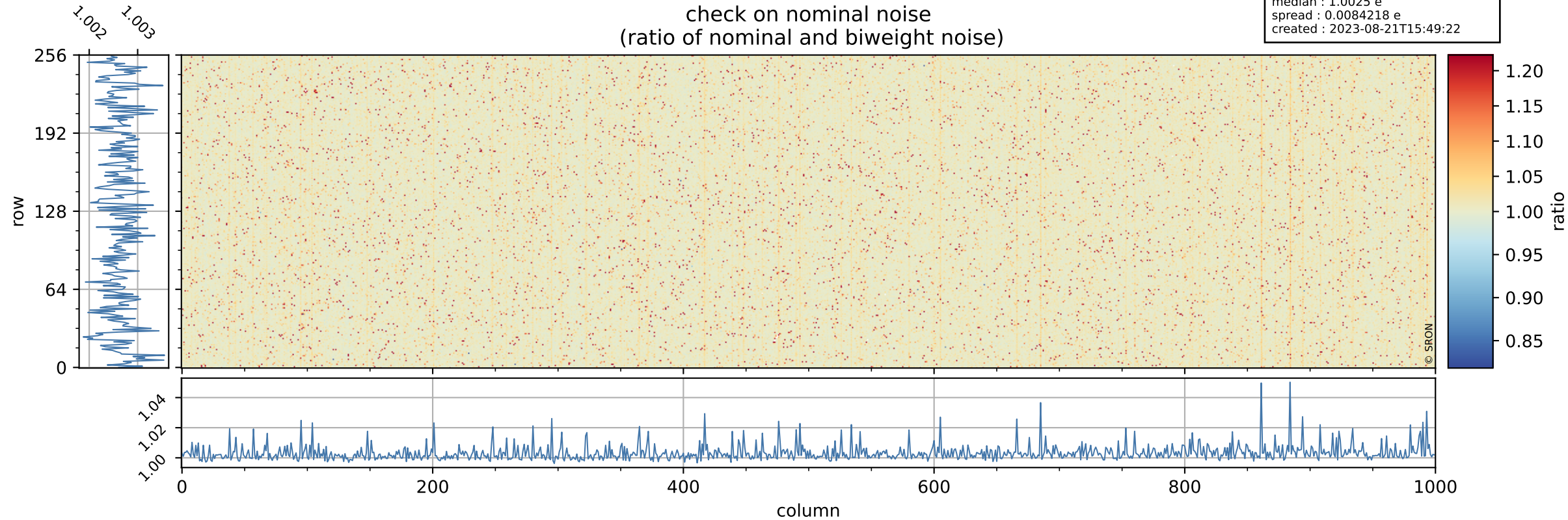
orbits : 12 in [16642, 16732]
coverage : 2020-12-29 / 2021-01-04
median : 0.99777 e
spread : 0.0055187 e
created : 2023-08-21T15:49:22



Tropomi SWIR background noise (swir)

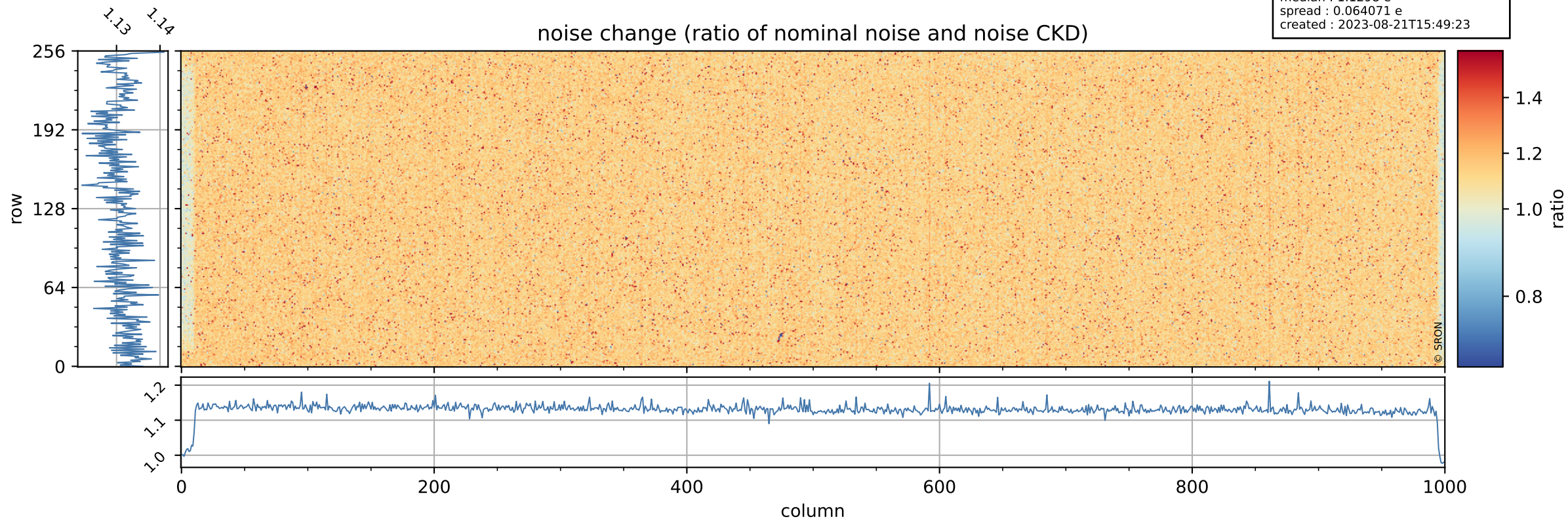
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16642, 16732]
coverage : 2020-12-29 / 2021-01-04
median : 1.0025 e
spread : 0.0084218 e
created : 2023-08-21T15:49:22



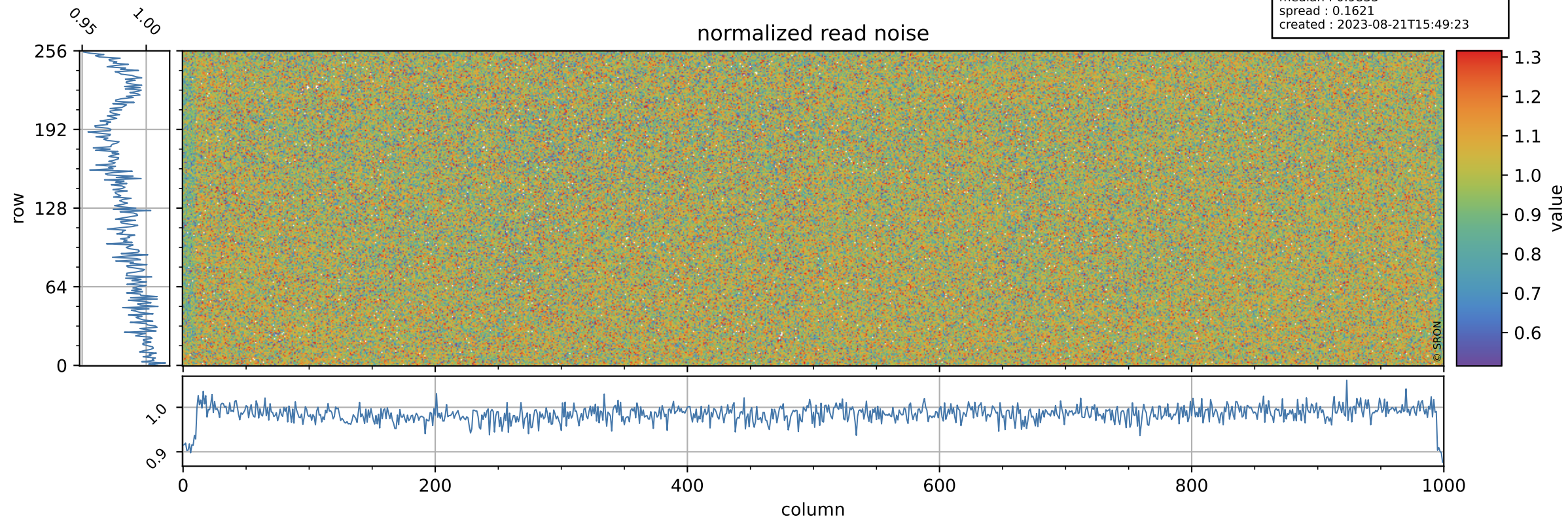
Tropomi SWIR background noise (swir)

orbits : 12 in [16642, 16732]
coverage : 2020-12-29 / 2021-01-04
median : 1.1298 e
spread : 0.064071 e
created : 2023-08-21T15:49:23



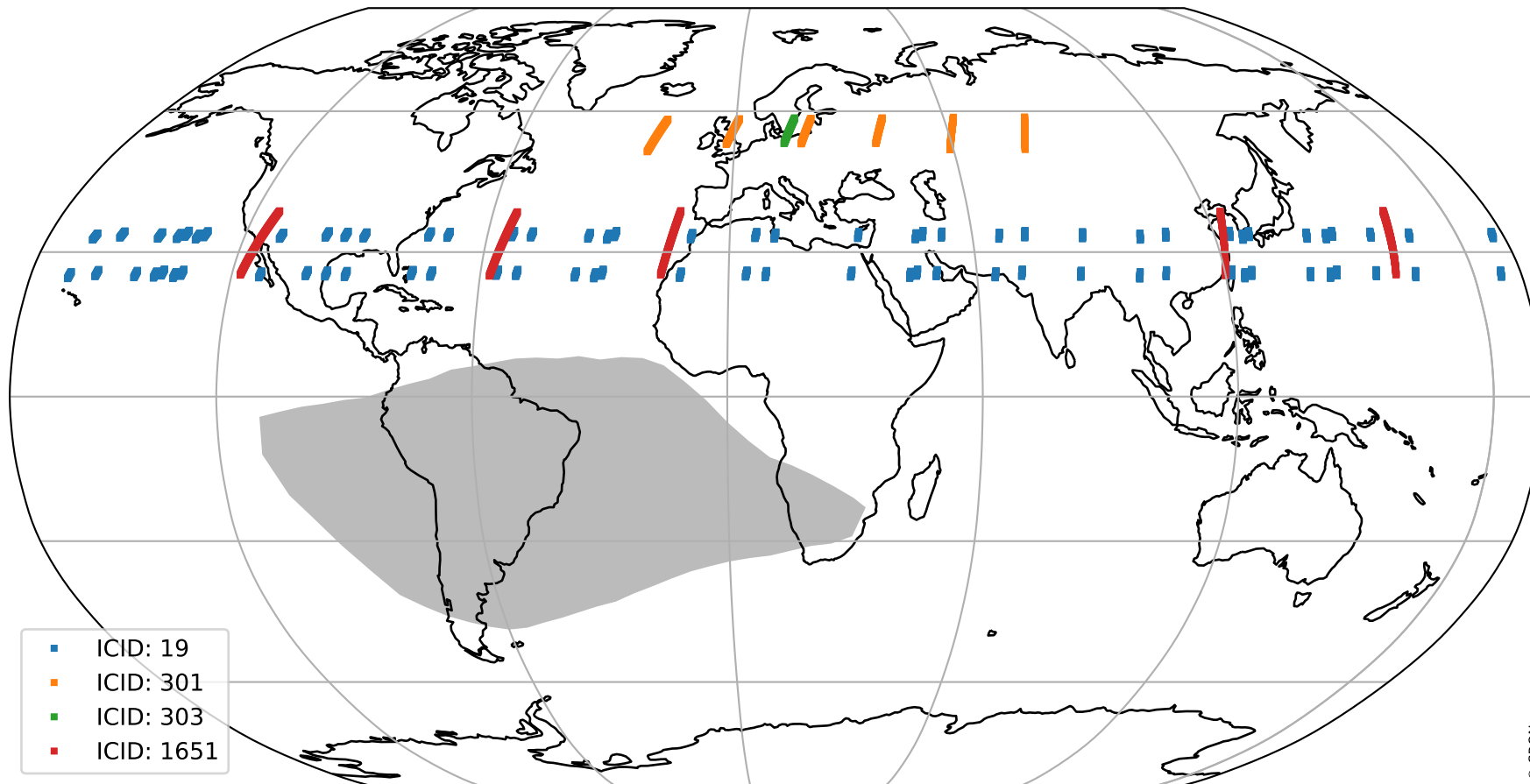
Tropomi SWIR background noise (swir)

orbits : 12 in [16642, 16732]
coverage : 2020-12-29 / 2021-01-04
median : 0.9833
spread : 0.1621
created : 2023-08-21T15:49:23



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

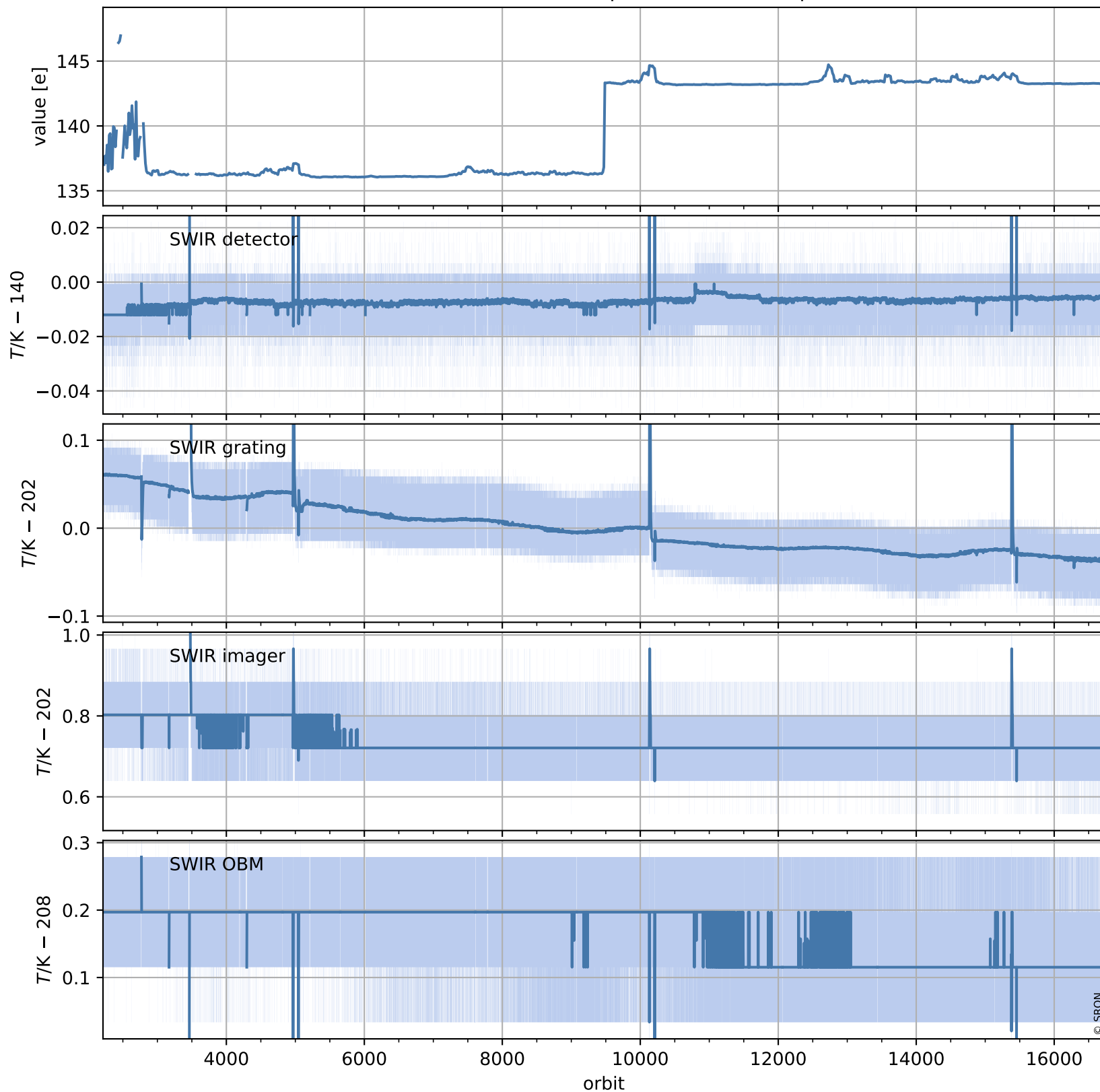
orbits : 12 in [16642, 16732]
coverage : 2020-12-29 / 2021-01-04
created : 2023-08-21T15:49:23



Tropomi SWIR background noise (swir)

orbits : [2212, 16732]
coverage : 2018-03-18 / 2021-01-04
created : 2023-08-21T15:49:24

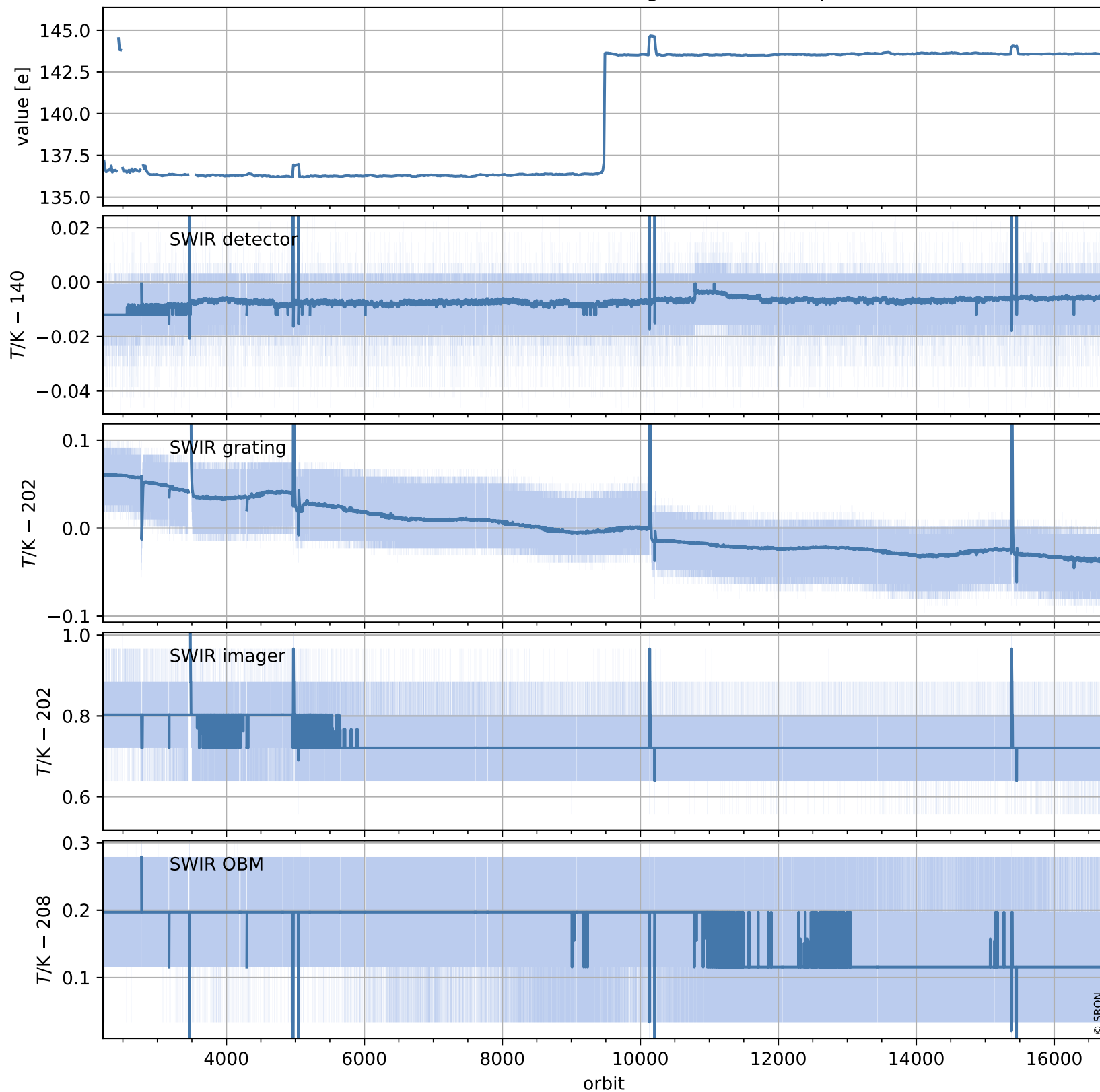
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16732]
coverage : 2018-03-18 / 2021-01-04
created : 2023-08-21T15:49:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16732]
coverage : 2018-03-18 / 2021-01-04
created : 2023-08-21T15:49:25

trend of normalized read-noise & temperatures

