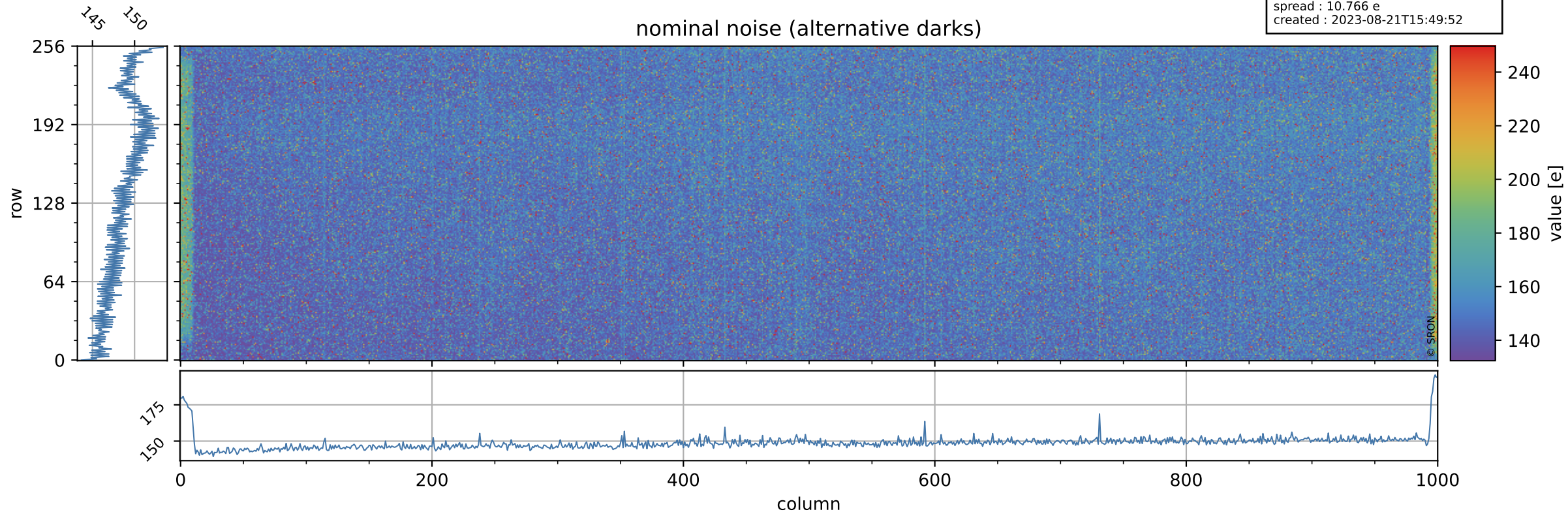


Tropomi SWIR background noise (swir)

orbits : 12 in [16732, 16822]
coverage : 2021-01-05 / 2021-01-10
n_coad, t_exp : 1, 1.0783
median : 148.57 e
spread : 10.766 e
created : 2023-08-21T15:49:52

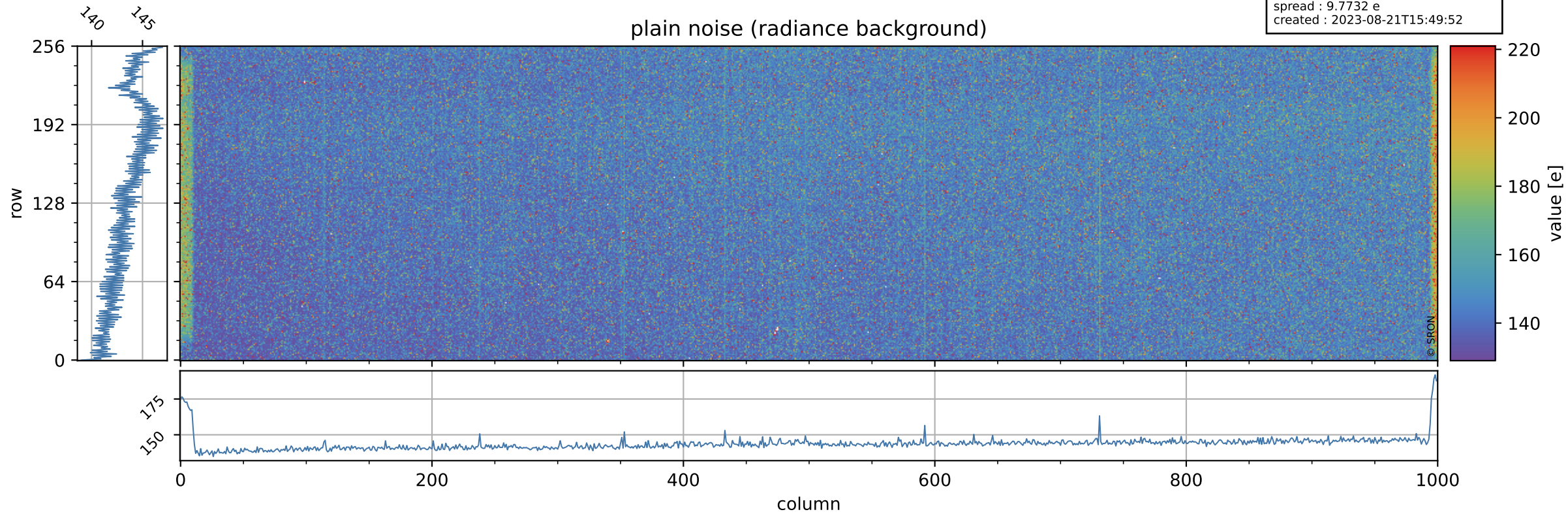
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16732, 16822]
coverage : 2021-01-05 / 2021-01-10
n_coad, t_exp : 1, 0.8383
median : 143.4 e
spread : 9.7732 e
created : 2023-08-21T15:49:52

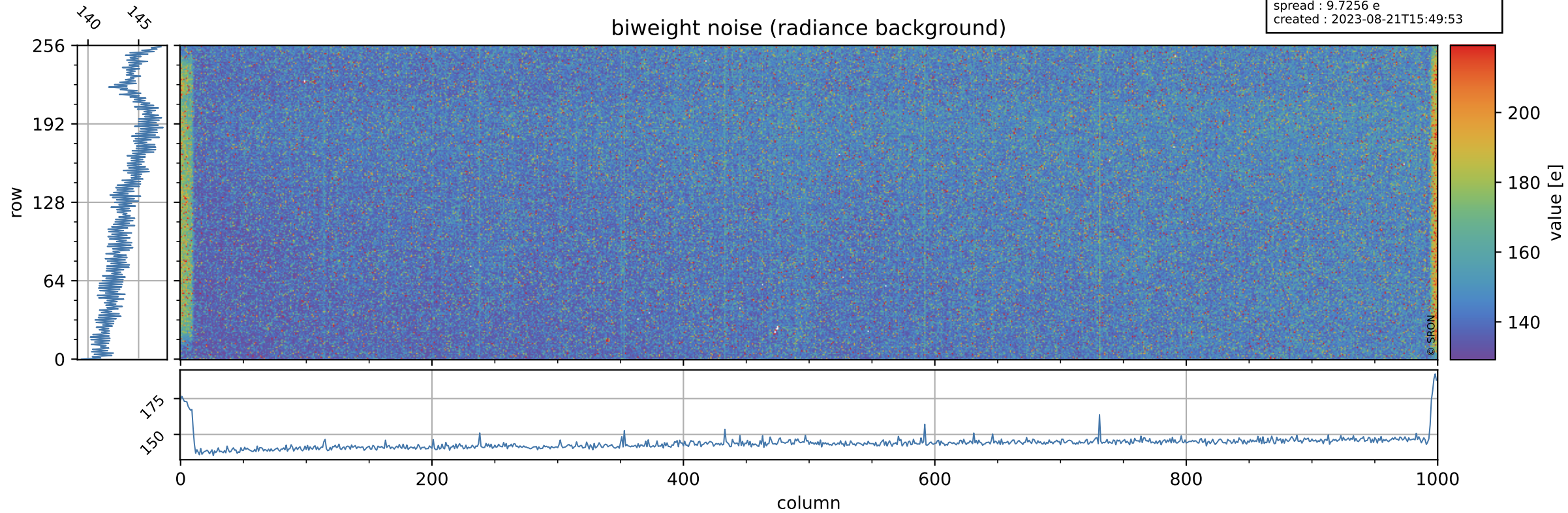
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16732, 16822]
coverage : 2021-01-05 / 2021-01-10
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.7256 e
created : 2023-08-21T15:49:53

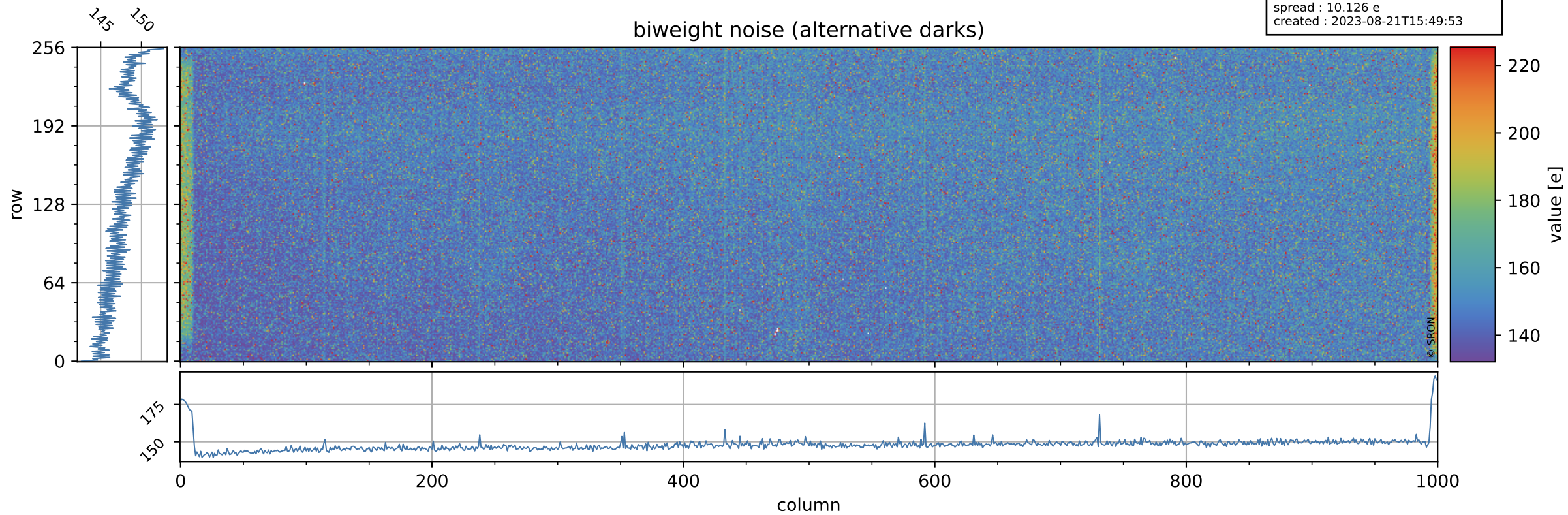
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16732, 16822]
coverage : 2021-01-05 / 2021-01-10
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.126 e
created : 2023-08-21T15:49:53

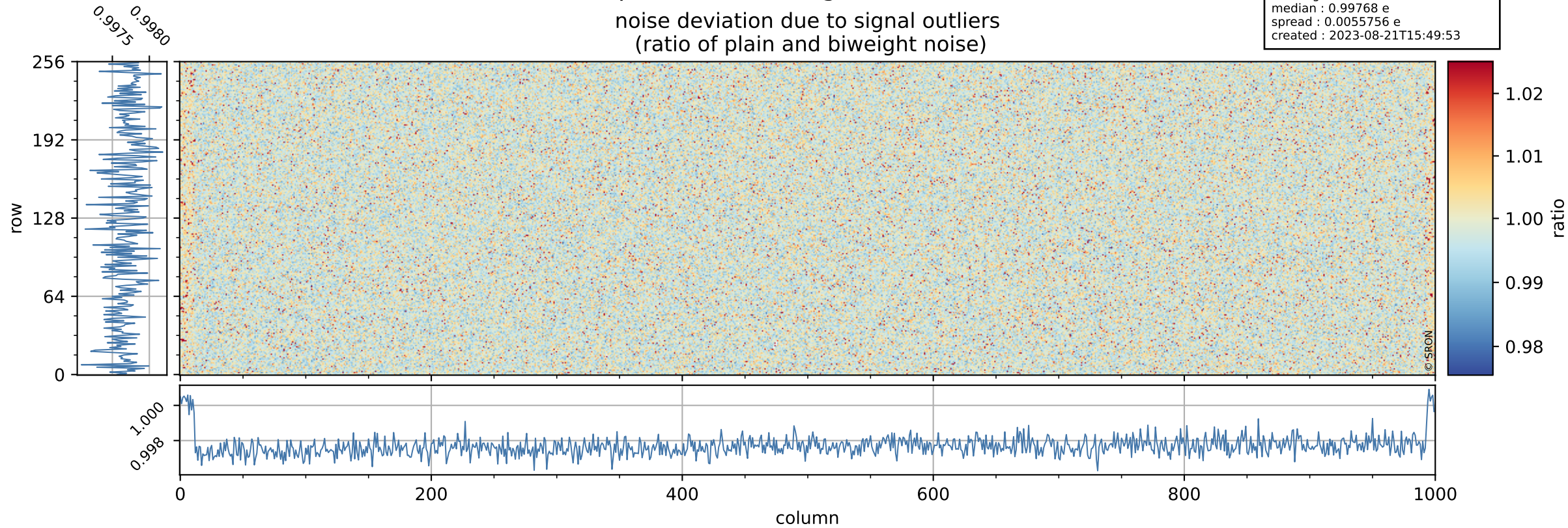
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

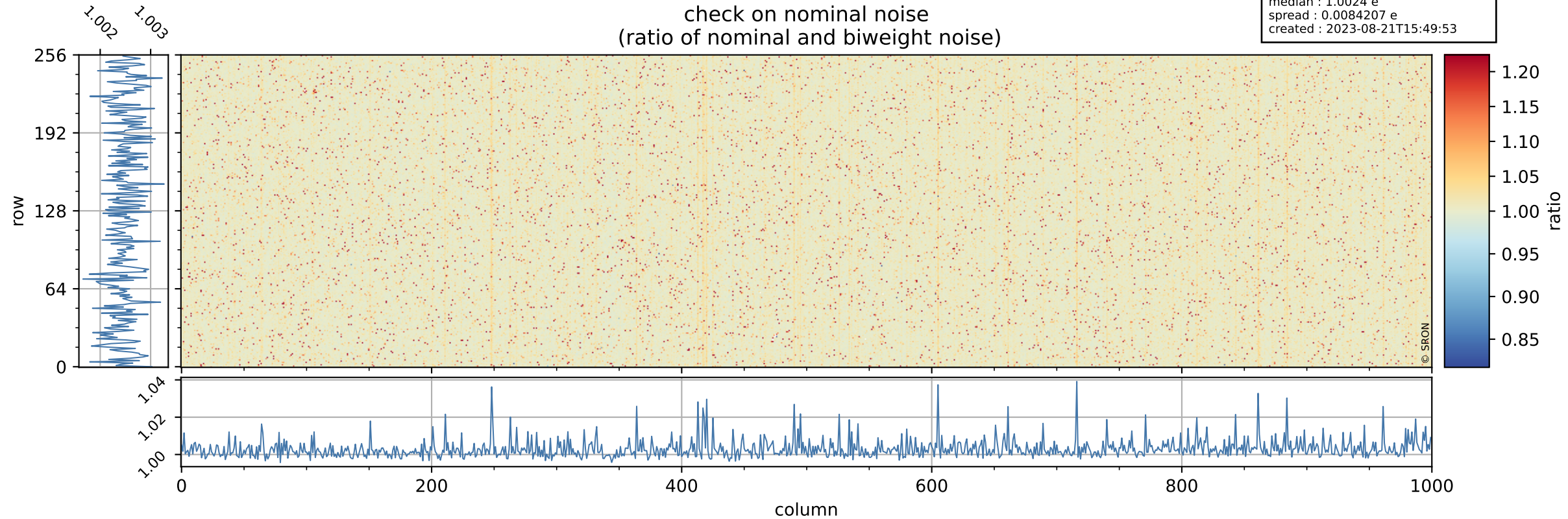
orbits : 12 in [16732, 16822]
coverage : 2021-01-05 / 2021-01-10
median : 0.99768 e
spread : 0.0055756 e
created : 2023-08-21T15:49:53



Tropomi SWIR background noise (swir)

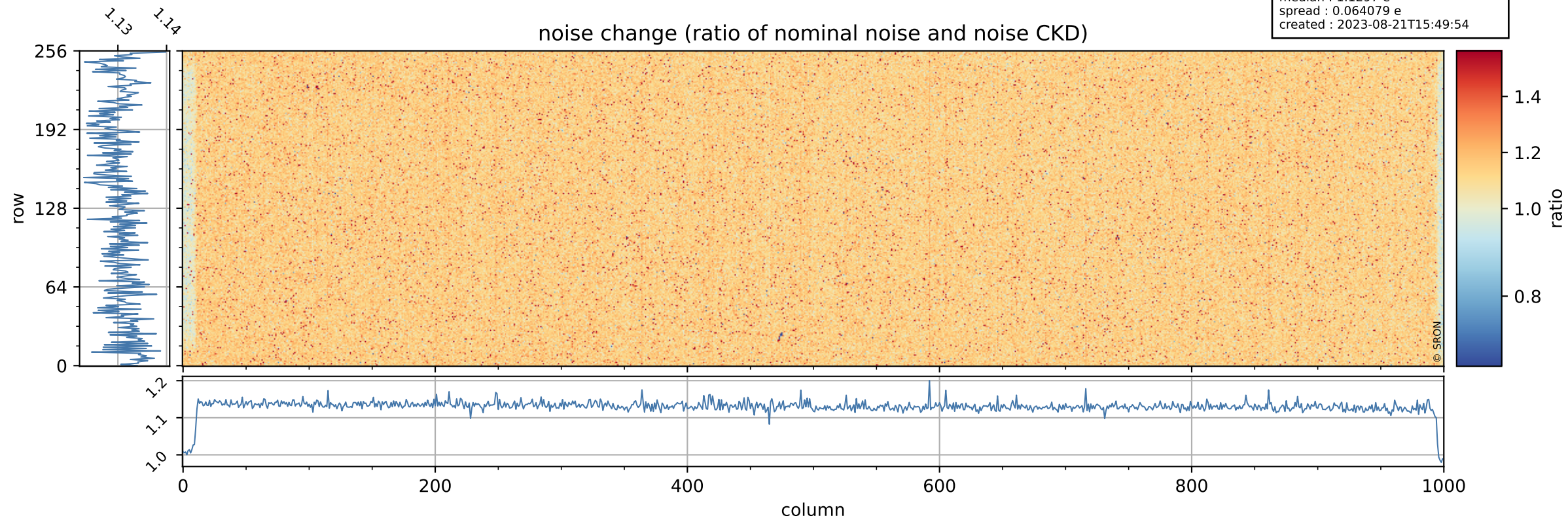
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16732, 16822]
coverage : 2021-01-05 / 2021-01-10
median : 1.0024 e
spread : 0.0084207 e
created : 2023-08-21T15:49:53



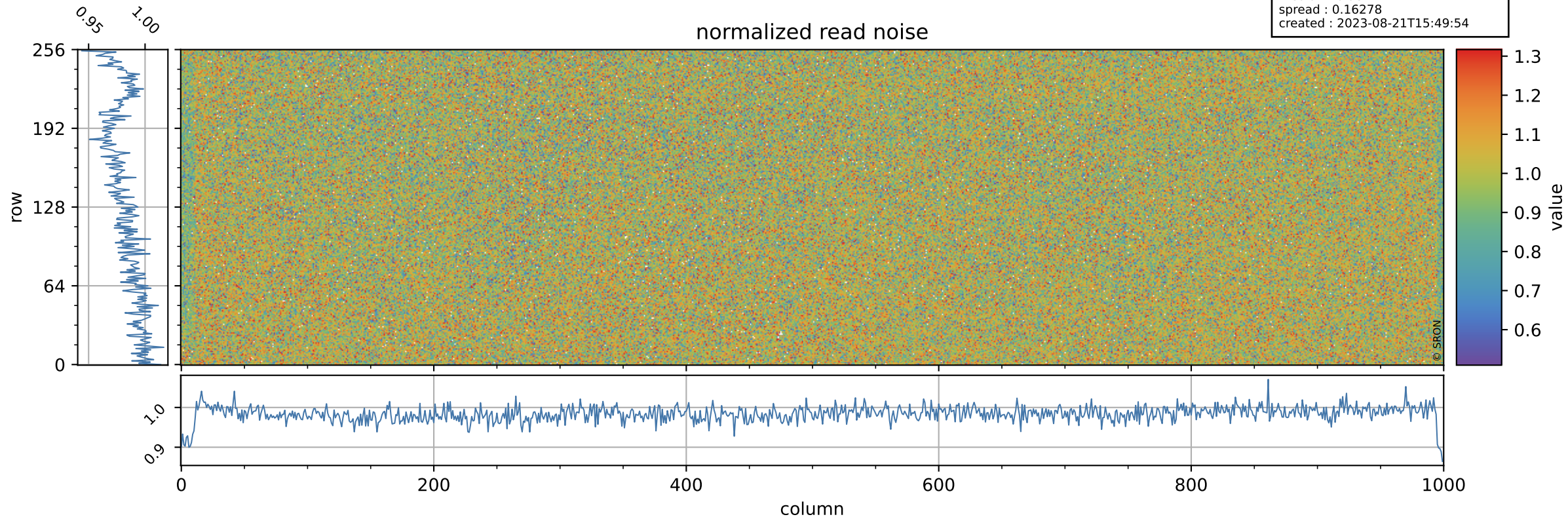
Tropomi SWIR background noise (swir)

orbits : 12 in [16732, 16822]
coverage : 2021-01-05 / 2021-01-10
median : 1.1297 e
spread : 0.064079 e
created : 2023-08-21T15:49:54



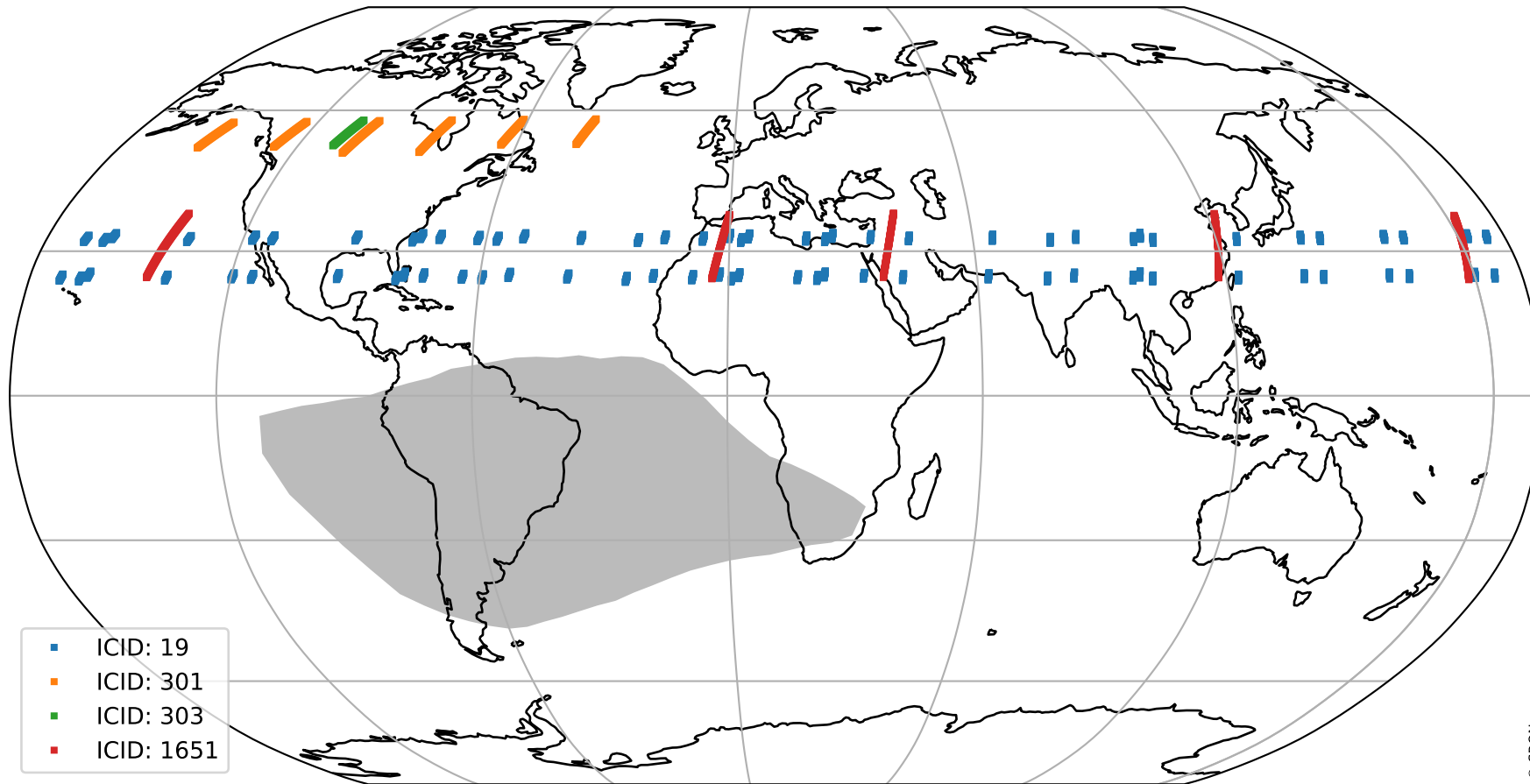
Tropomi SWIR background noise (swir)

orbits : 12 in [16732, 16822]
coverage : 2021-01-05 / 2021-01-10
median : 0.98217
spread : 0.16278
created : 2023-08-21T15:49:54



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

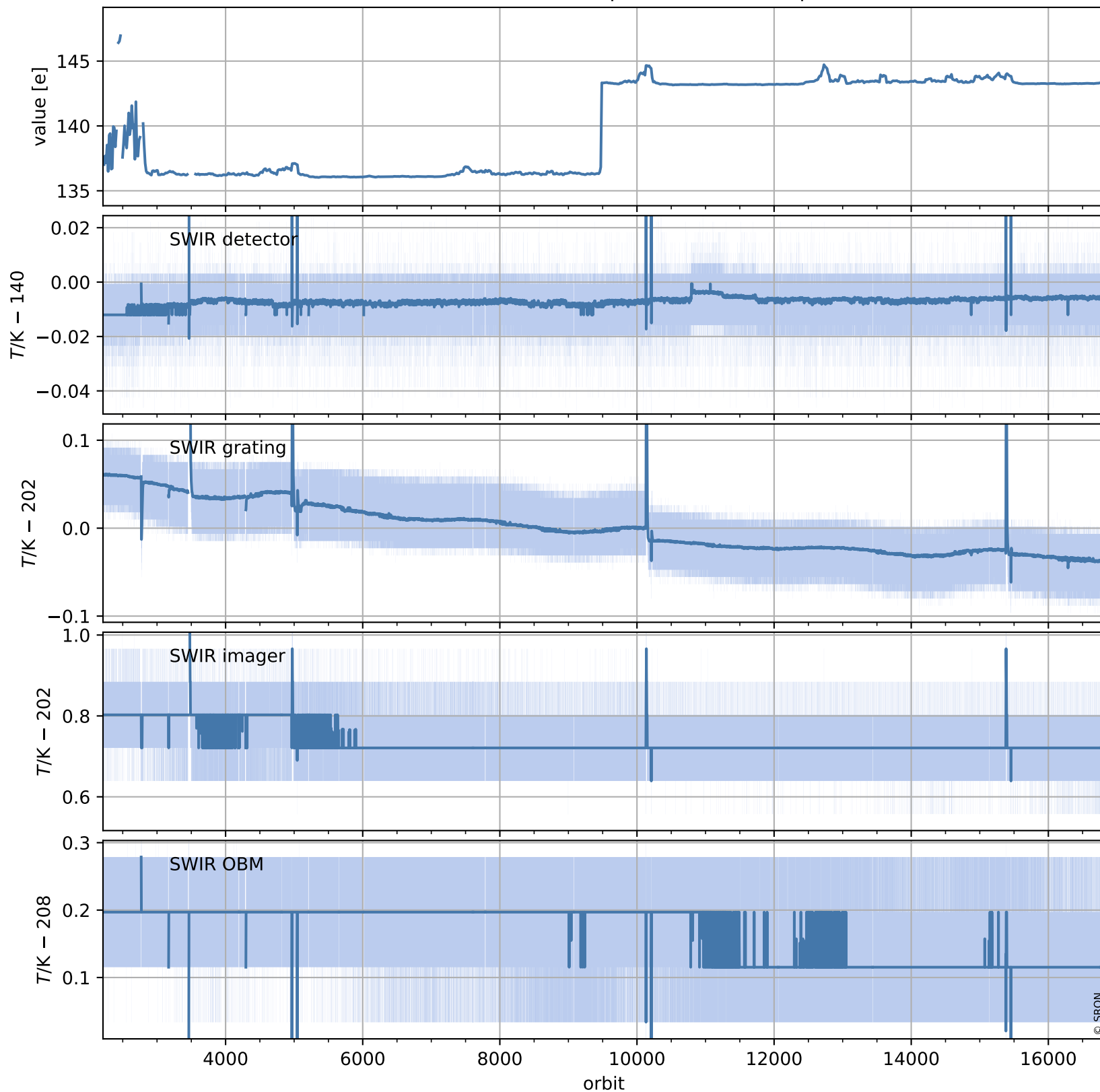
orbits : 12 in [16732, 16822]
coverage : 2021-01-05 / 2021-01-10
created : 2023-08-21T15:49:54



Tropomi SWIR background noise (swir)

orbits : [2212, 16822]
coverage : 2018-03-18 / 2021-01-10
created : 2023-08-21T15:49:55

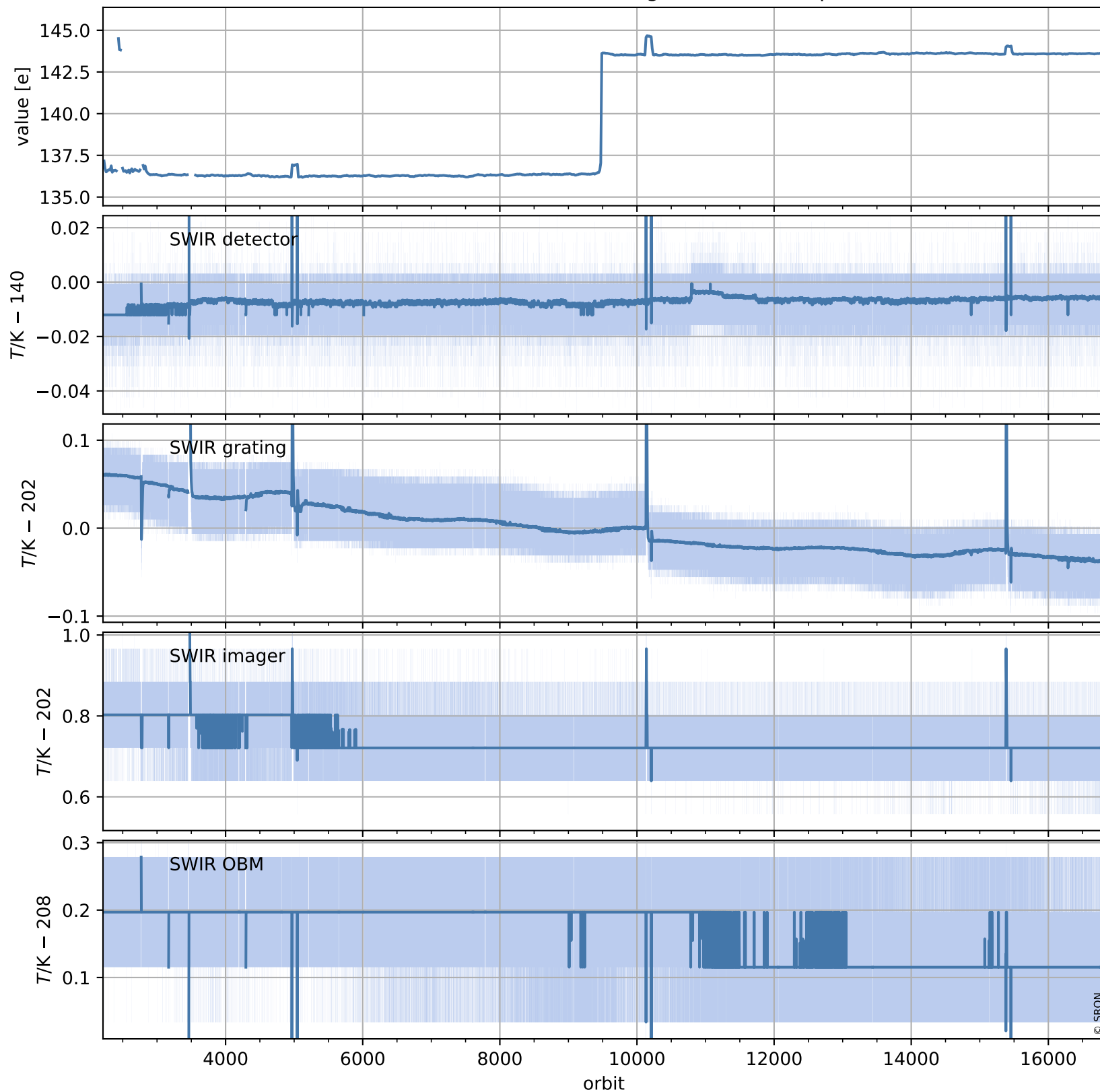
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16822]
coverage : 2018-03-18 / 2021-01-10
created : 2023-08-21T15:49:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16822]
coverage : 2018-03-18 / 2021-01-10
created : 2023-08-21T15:49:56

trend of normalized read-noise & temperatures

