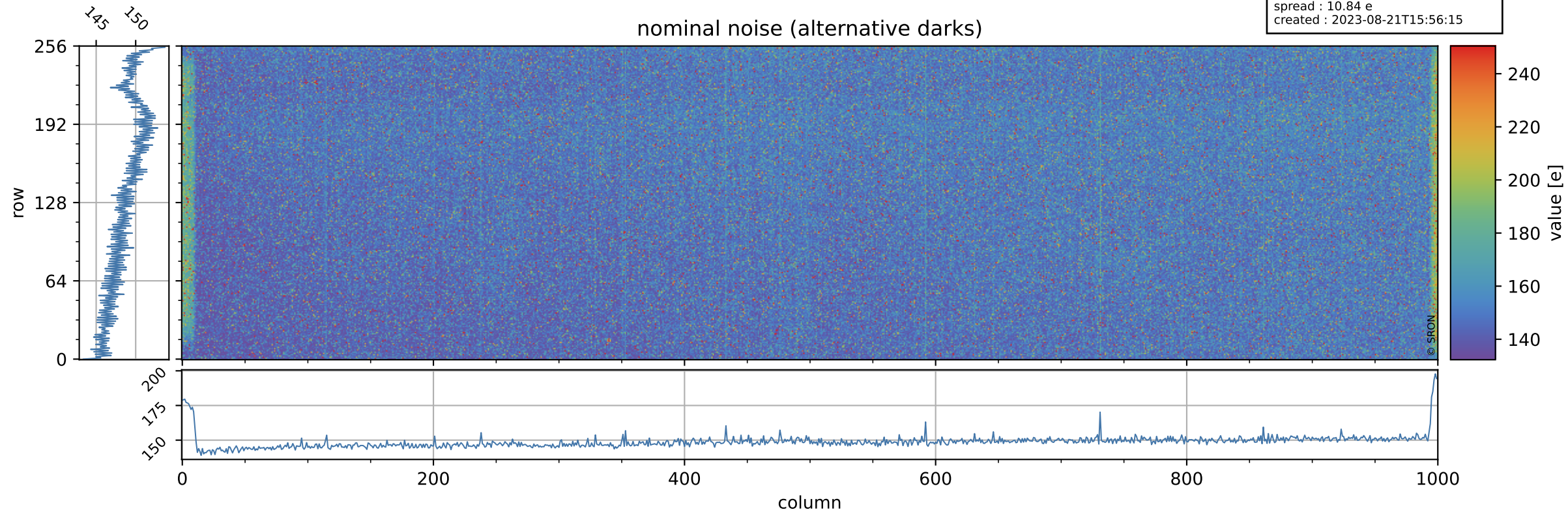


Tropomi SWIR background noise (swir)

orbits : 12 in [17842, 17917]
coverage : 2021-03-23 / 2021-03-28
n_coad, t_exp : 1, 1.0783
median : 148.6 e
spread : 10.84 e
created : 2023-08-21T15:56:15

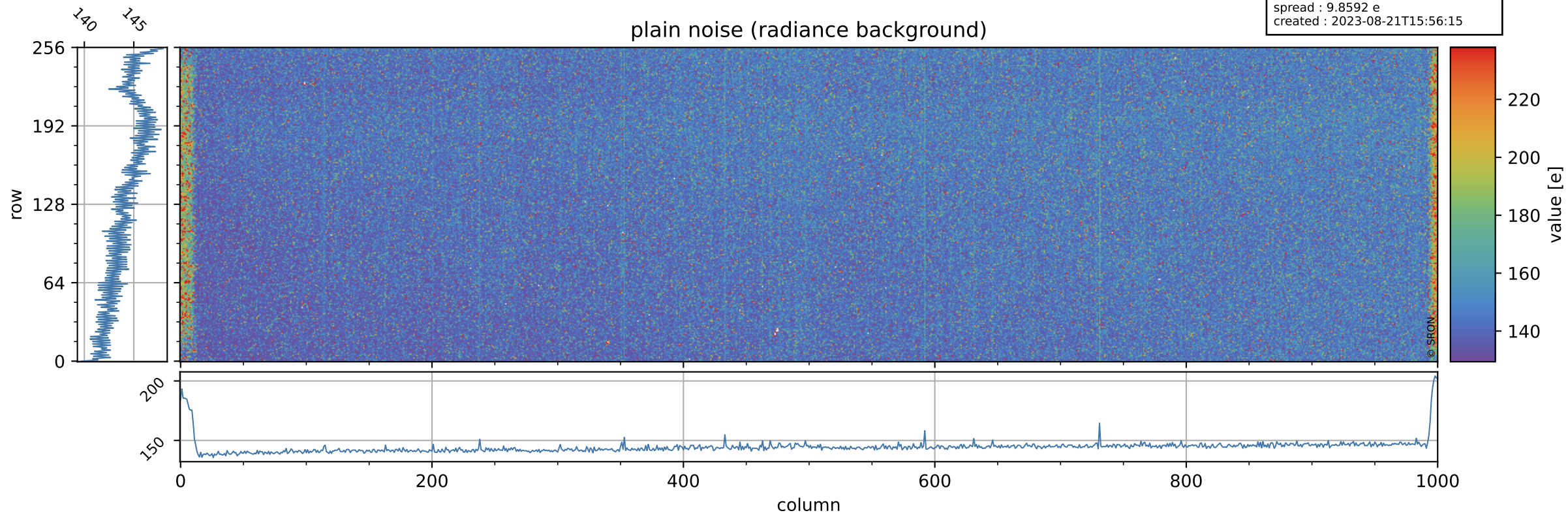
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17842, 17917]
coverage : 2021-03-23 / 2021-03-28
n_coad, t_exp : 1, 0.8383
median : 144.04 e
spread : 9.8592 e
created : 2023-08-21T15:56:15

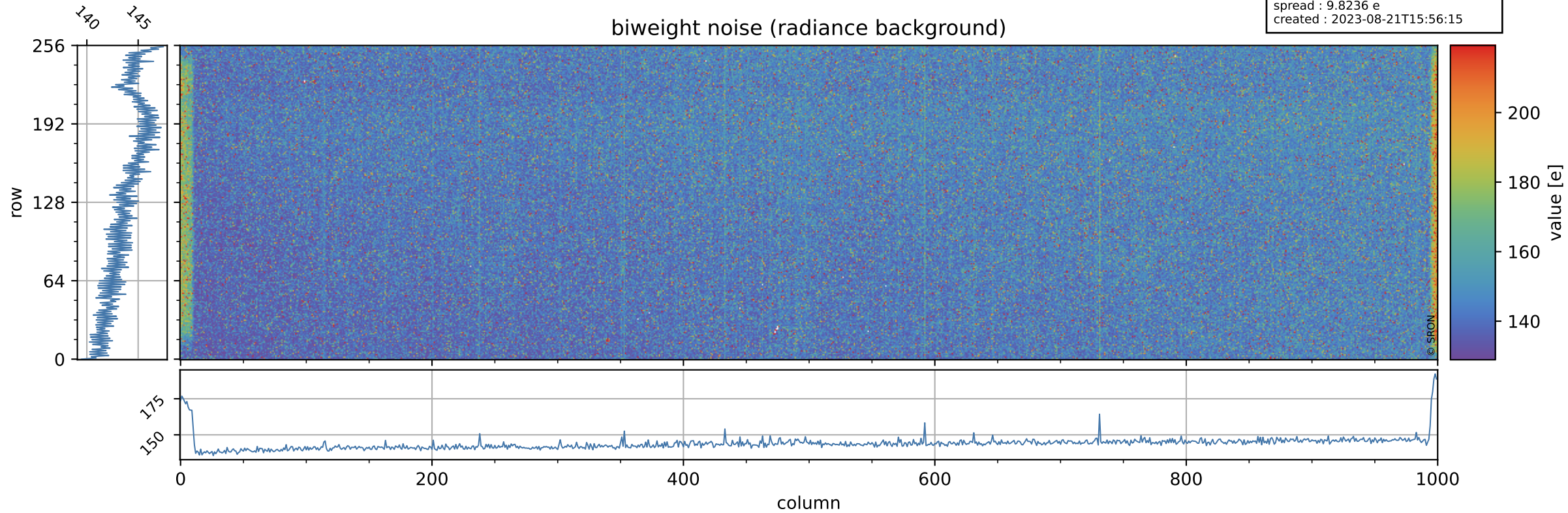
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17842, 17917]
coverage : 2021-03-23 / 2021-03-28
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.8236 e
created : 2023-08-21T15:56:15

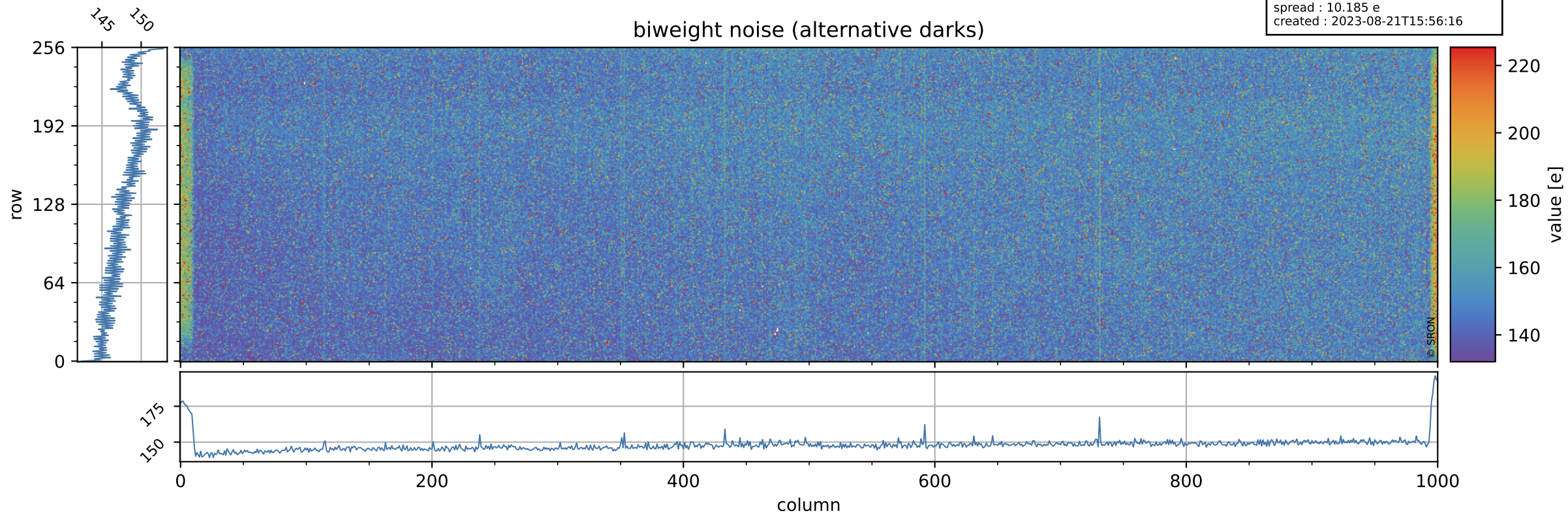
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17842, 17917]
coverage : 2021-03-23 / 2021-03-28
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.185 e
created : 2023-08-21T15:56:16

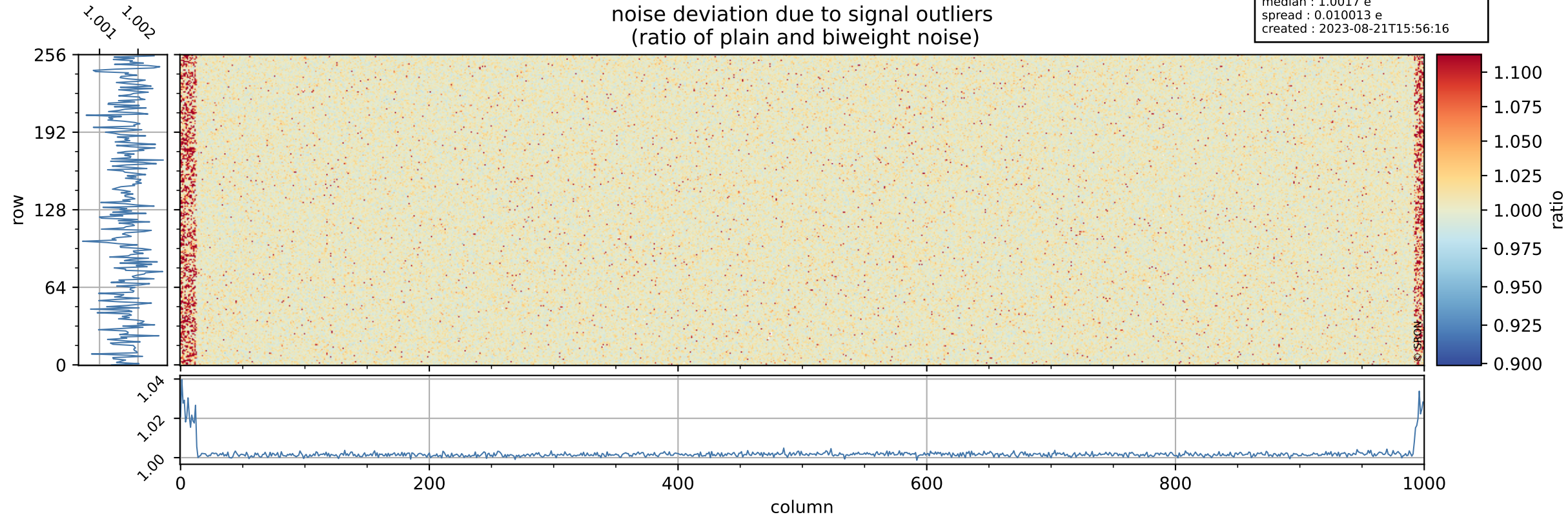
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

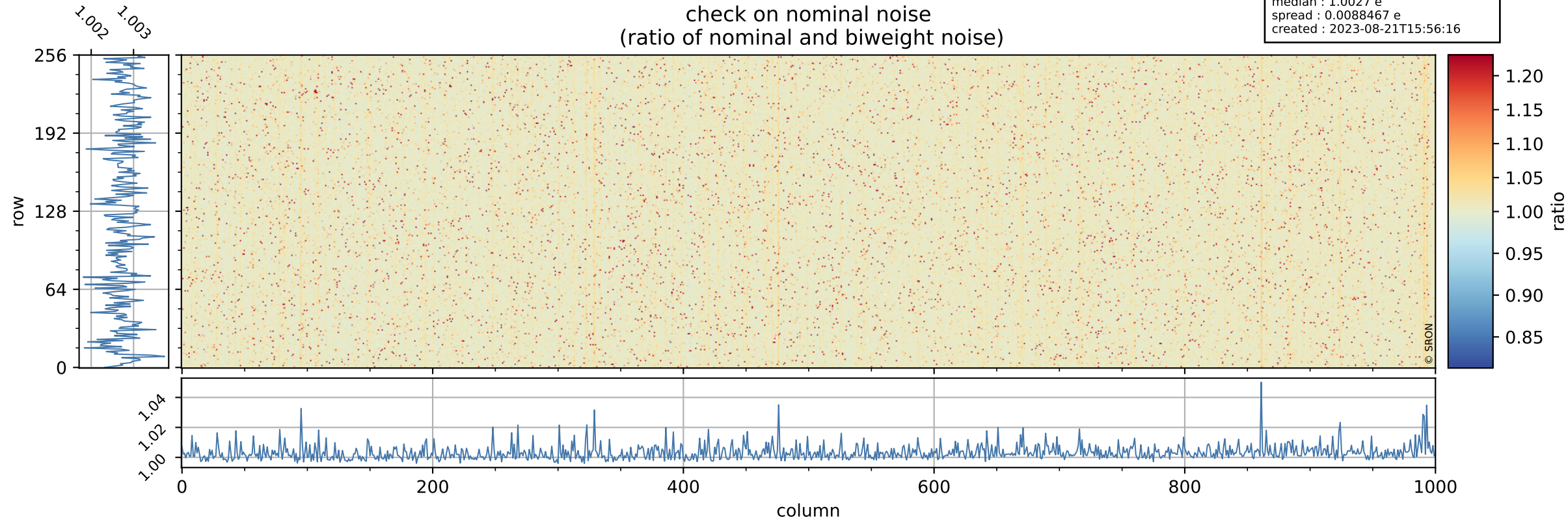
orbits : 12 in [17842, 17917]
coverage : 2021-03-23 / 2021-03-28
median : 1.0017 e
spread : 0.010013 e
created : 2023-08-21T15:56:16



Tropomi SWIR background noise (swir)

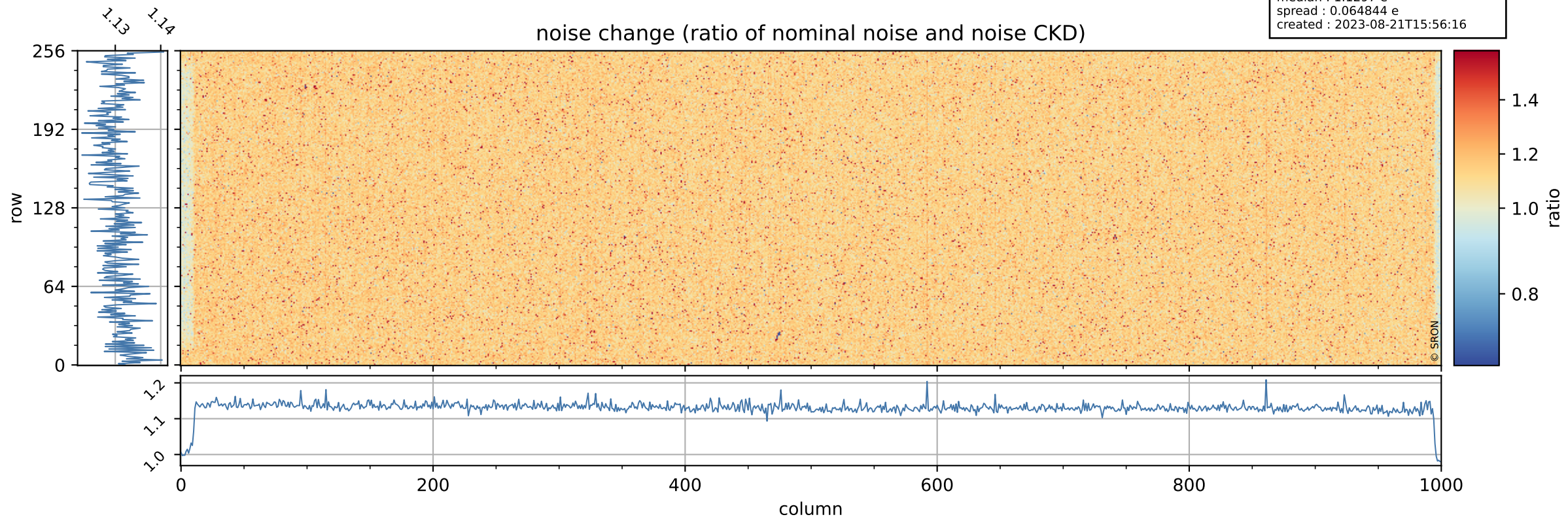
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17842, 17917]
coverage : 2021-03-23 / 2021-03-28
median : 1.0027 e
spread : 0.0088467 e
created : 2023-08-21T15:56:16



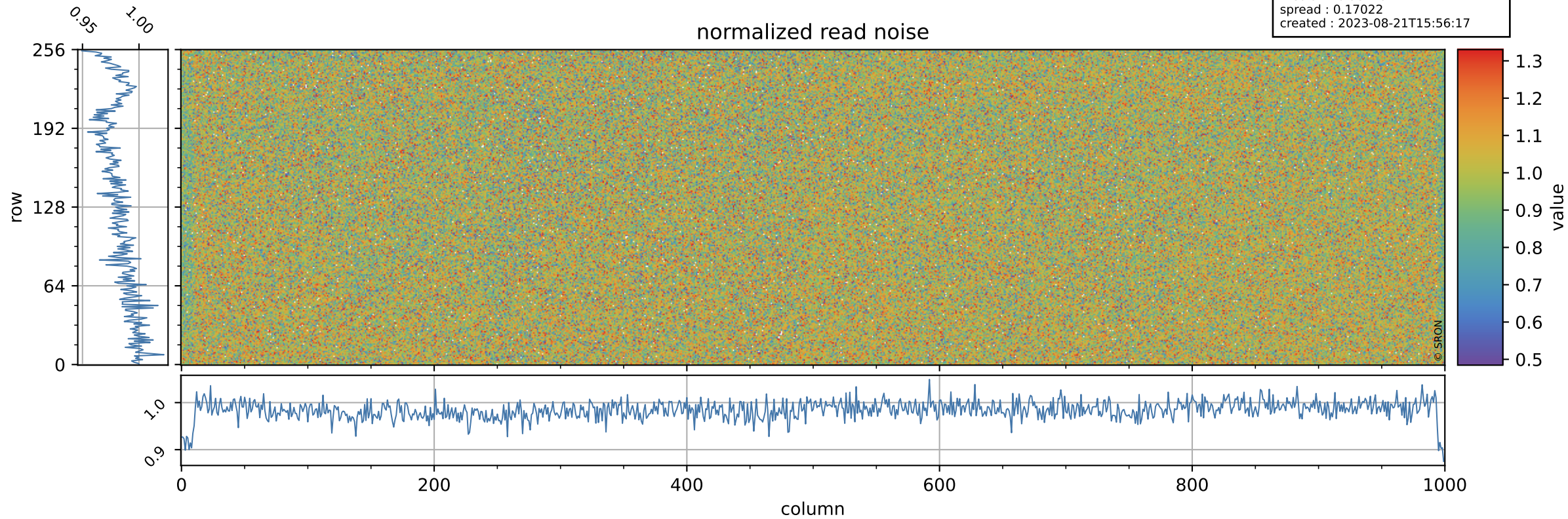
Tropomi SWIR background noise (swir)

orbits : 12 in [17842, 17917]
coverage : 2021-03-23 / 2021-03-28
median : 1.1297 e
spread : 0.064844 e
created : 2023-08-21T15:56:16



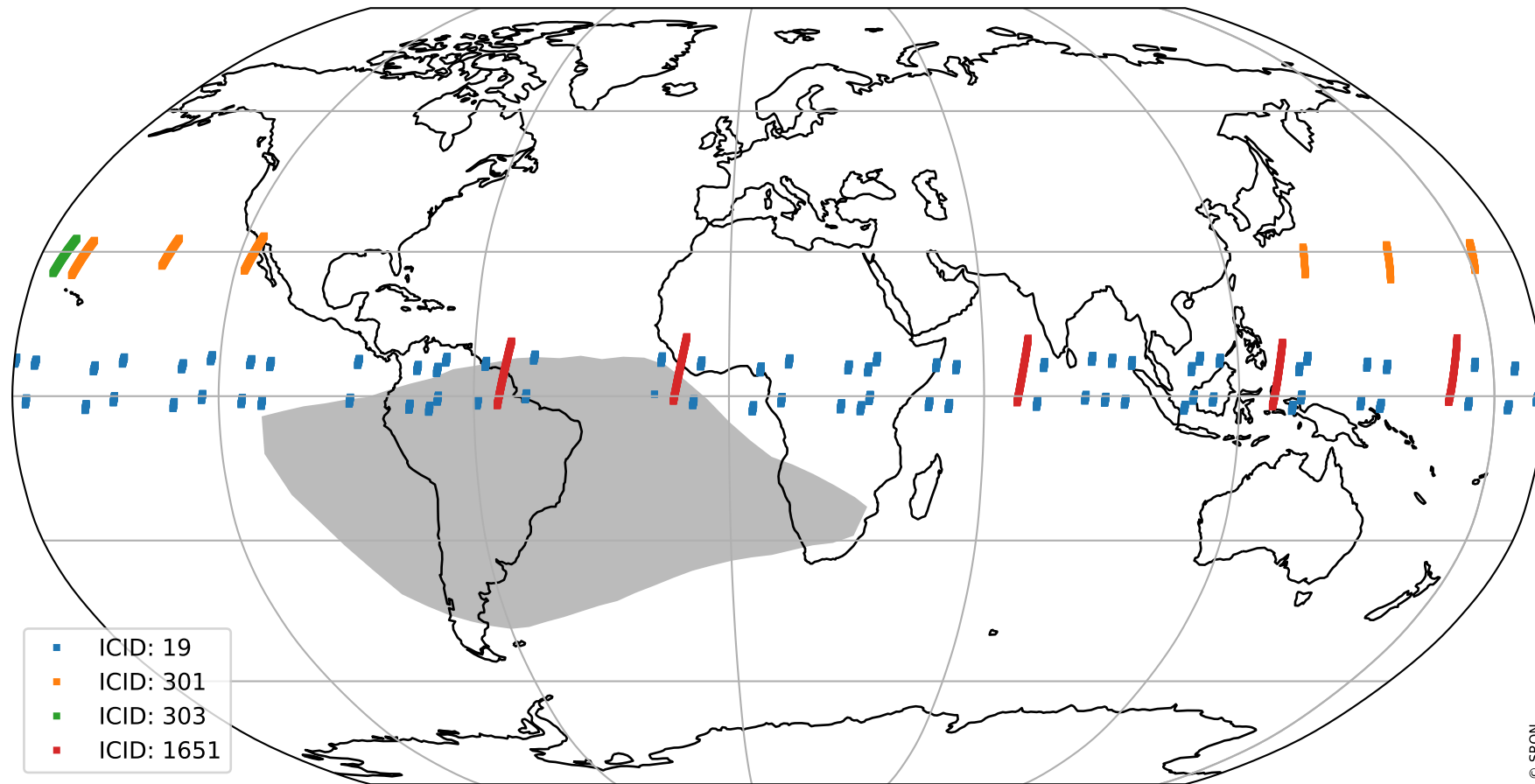
Tropomi SWIR background noise (swir)

orbits : 12 in [17842, 17917]
coverage : 2021-03-23 / 2021-03-28
median : 0.98229
spread : 0.17022
created : 2023-08-21T15:56:17



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

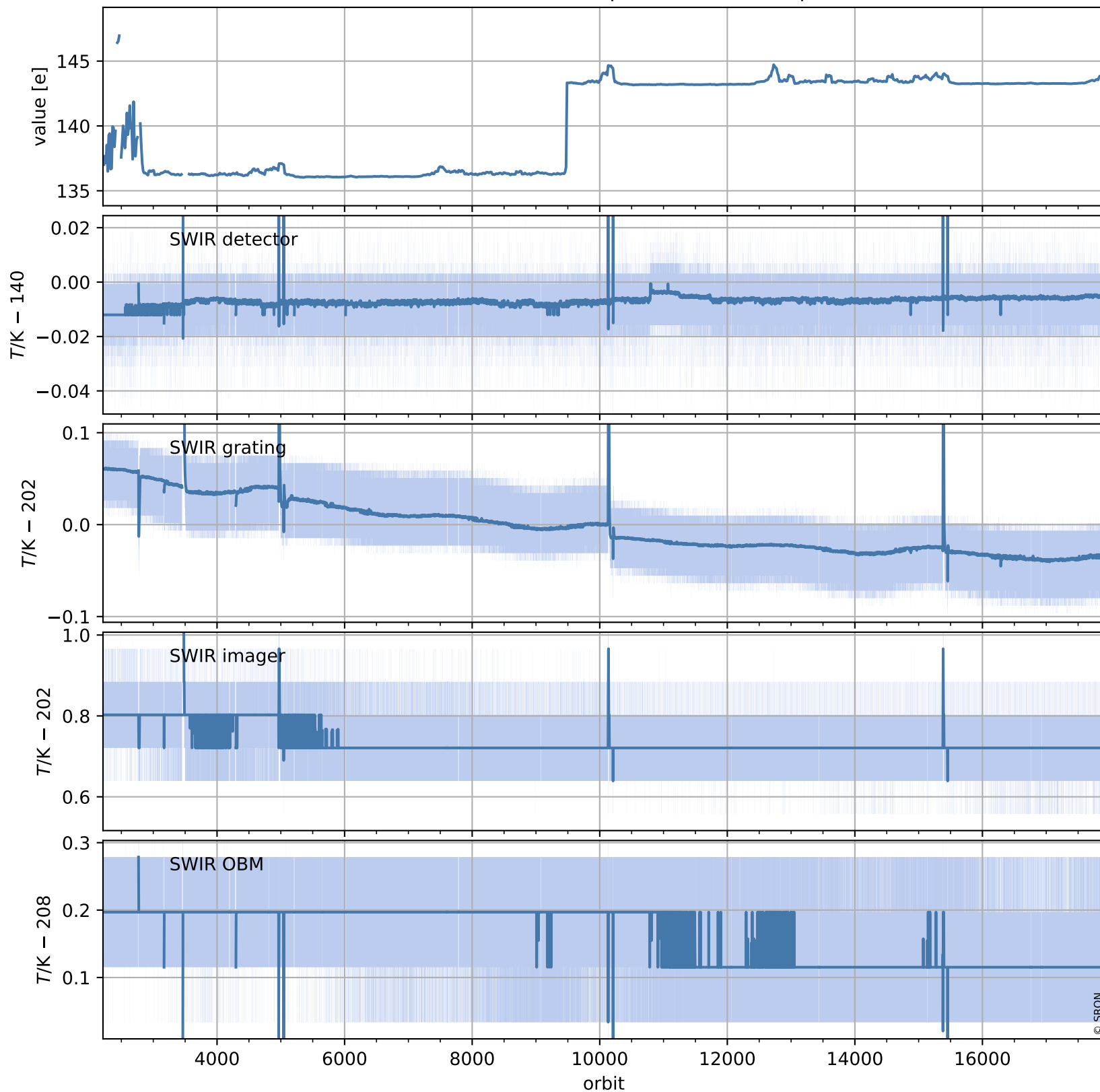
orbits : 12 in [17842, 17917]
coverage : 2021-03-23 / 2021-03-28
created : 2023-08-21T15:56:17



Tropomi SWIR background noise (swir)

orbits : [2212, 17917]
coverage : 2018-03-18 / 2021-03-28
created : 2023-08-21T15:56:18

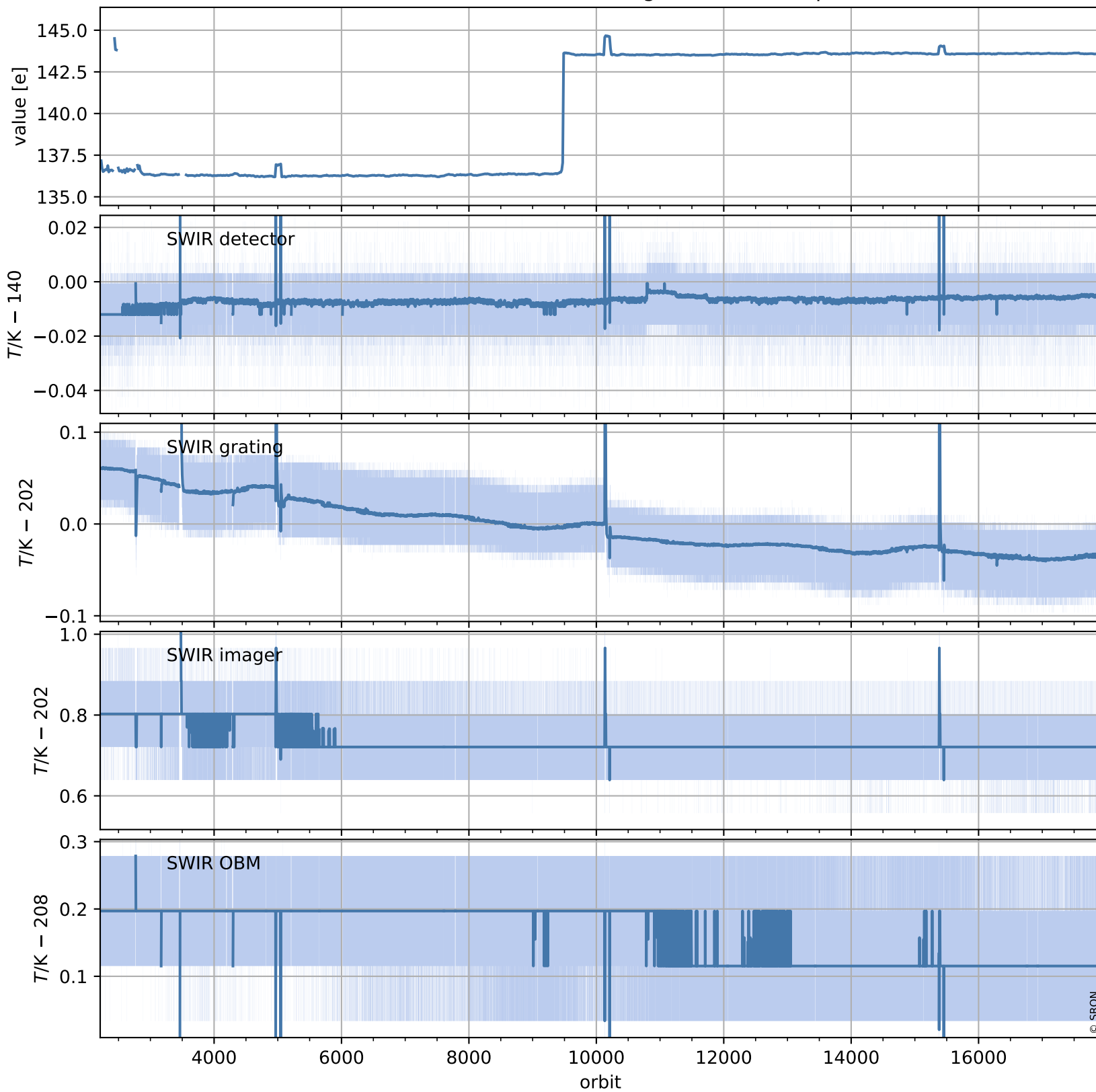
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17917]
coverage : 2018-03-18 / 2021-03-28
created : 2023-08-21T15:56:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17917]
coverage : 2018-03-18 / 2021-03-28
created : 2023-08-21T15:56:19

trend of normalized read-noise & temperatures

