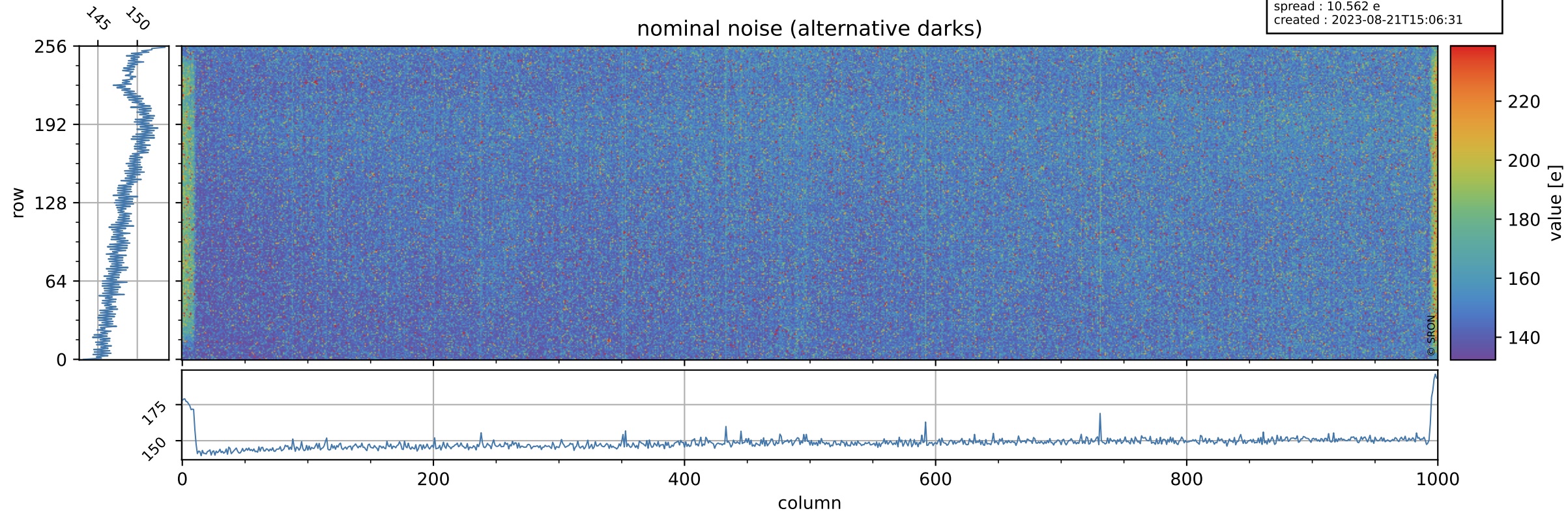


Tropomi SWIR background noise (swir)

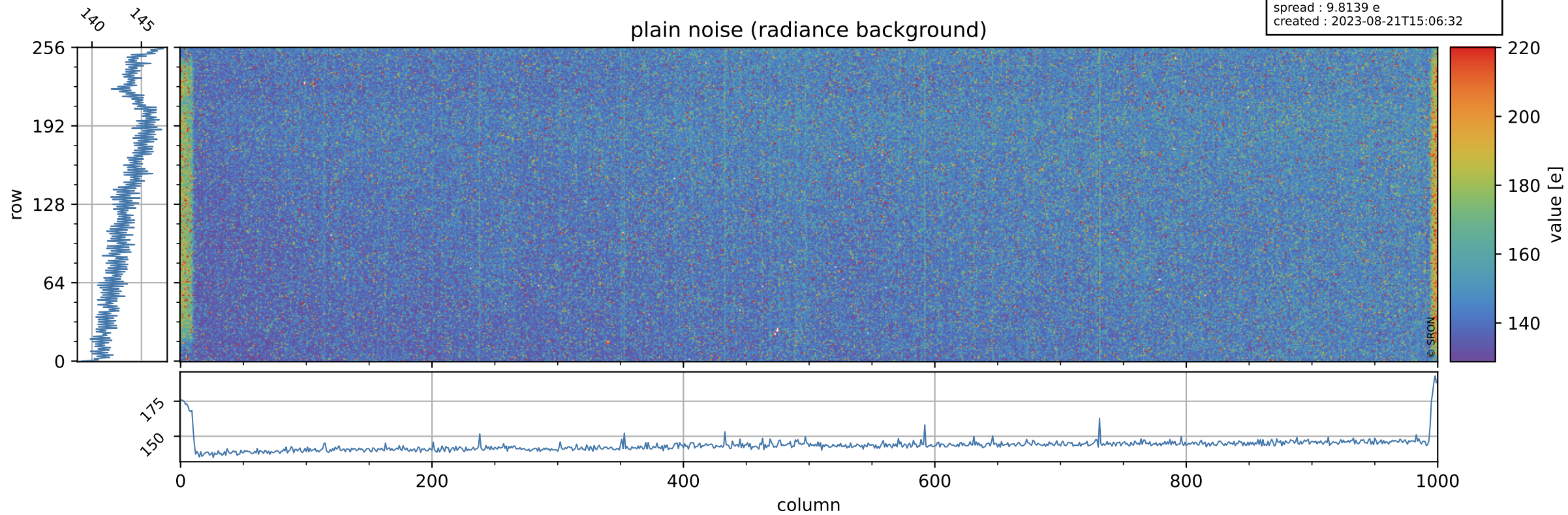
orbits : 13 in [9667, 9742]
coverage : 2019-08-25 / 2019-08-30
n_coad, t_exp : 1, 1.0783
median : 148.36 e
spread : 10.562 e
created : 2023-08-21T15:06:31



Tropomi SWIR background noise (swir)

orbits : 13 in [9667, 9742]
coverage : 2019-08-25 / 2019-08-30
n_coad, t_exp : 1, 0.8383
median : 143.39 e
spread : 9.8139 e
created : 2023-08-21T15:06:32

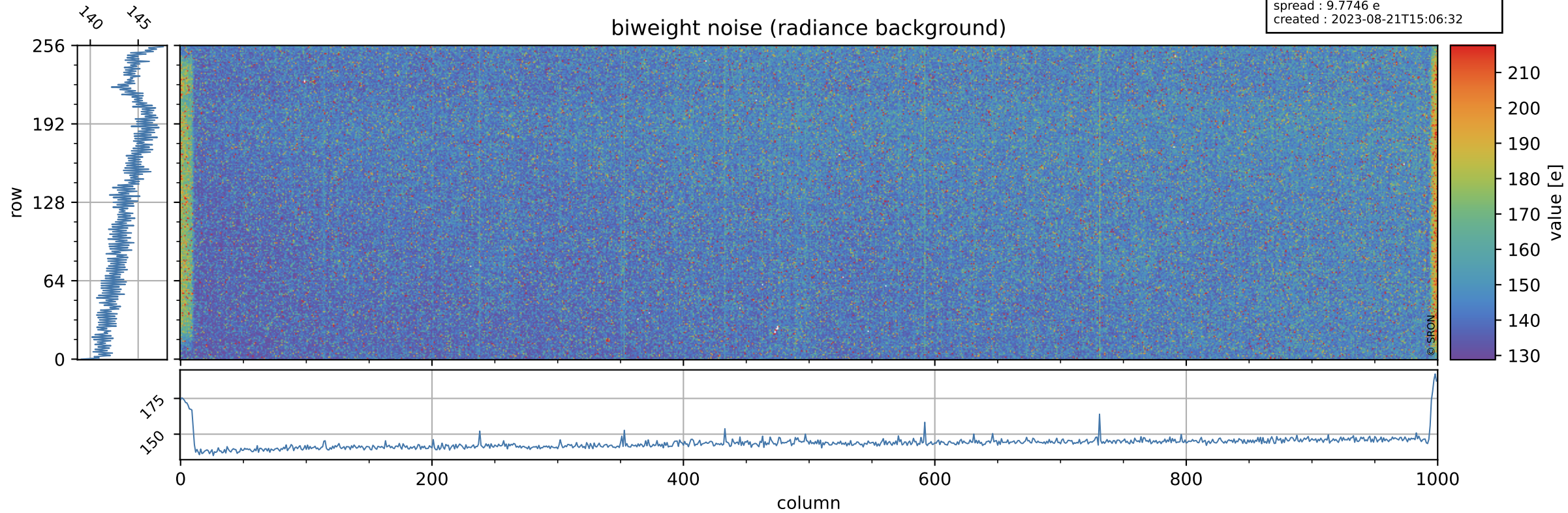
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9667, 9742]
coverage : 2019-08-25 / 2019-08-30
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.7746 e
created : 2023-08-21T15:06:32

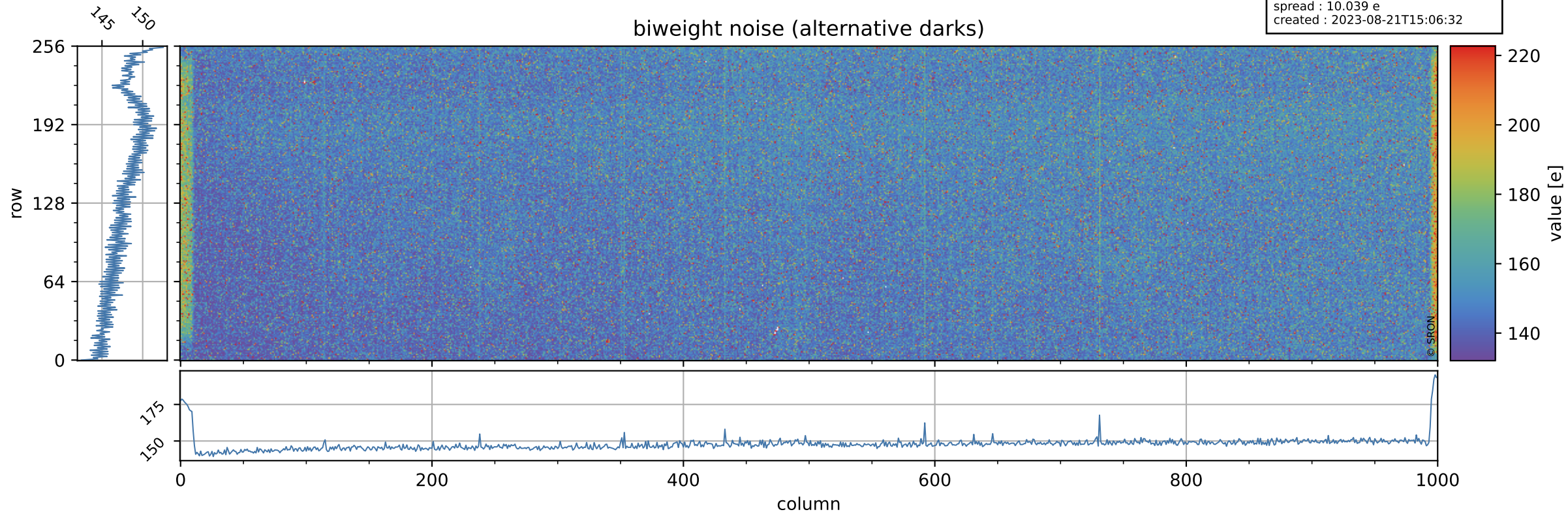
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9667, 9742]
coverage : 2019-08-25 / 2019-08-30
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.039 e
created : 2023-08-21T15:06:32

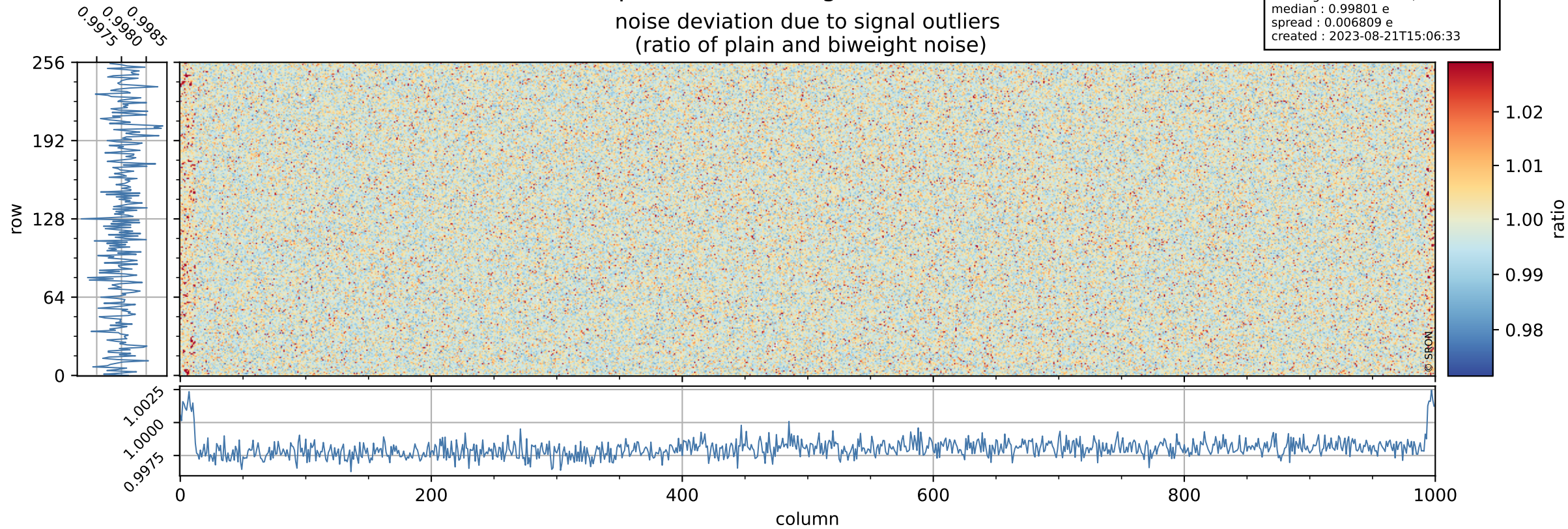
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

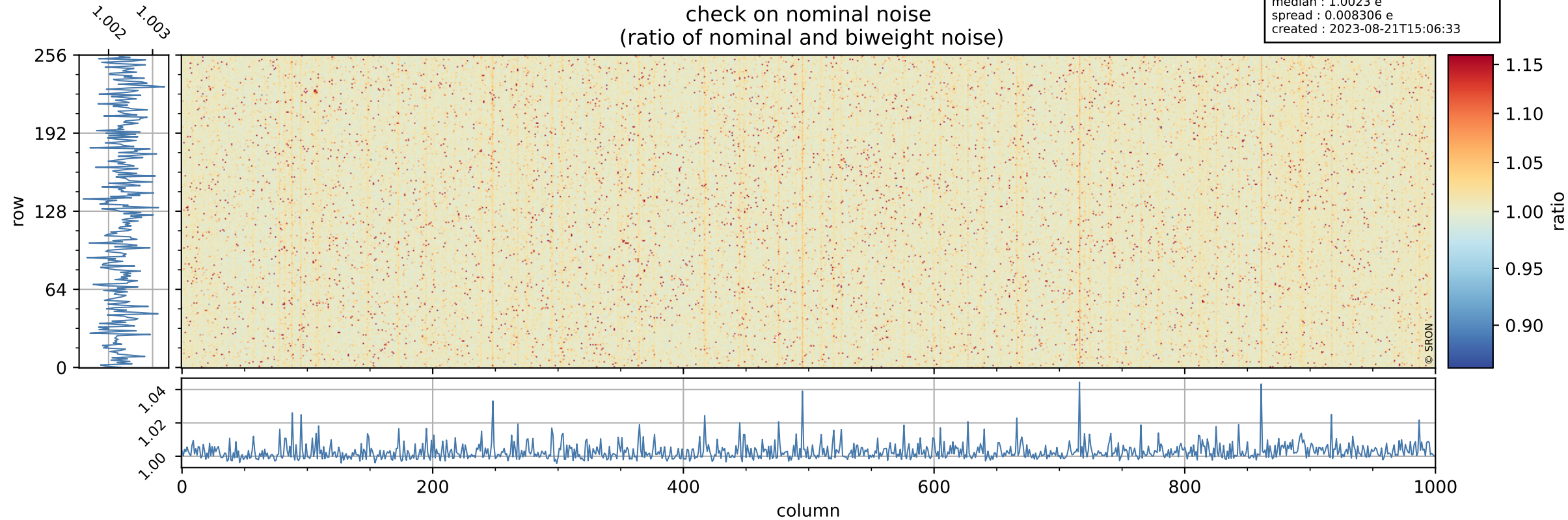
orbits : 13 in [9667, 9742]
coverage : 2019-08-25 / 2019-08-30
median : 0.99801 e
spread : 0.006809 e
created : 2023-08-21T15:06:33



Tropomi SWIR background noise (swir)

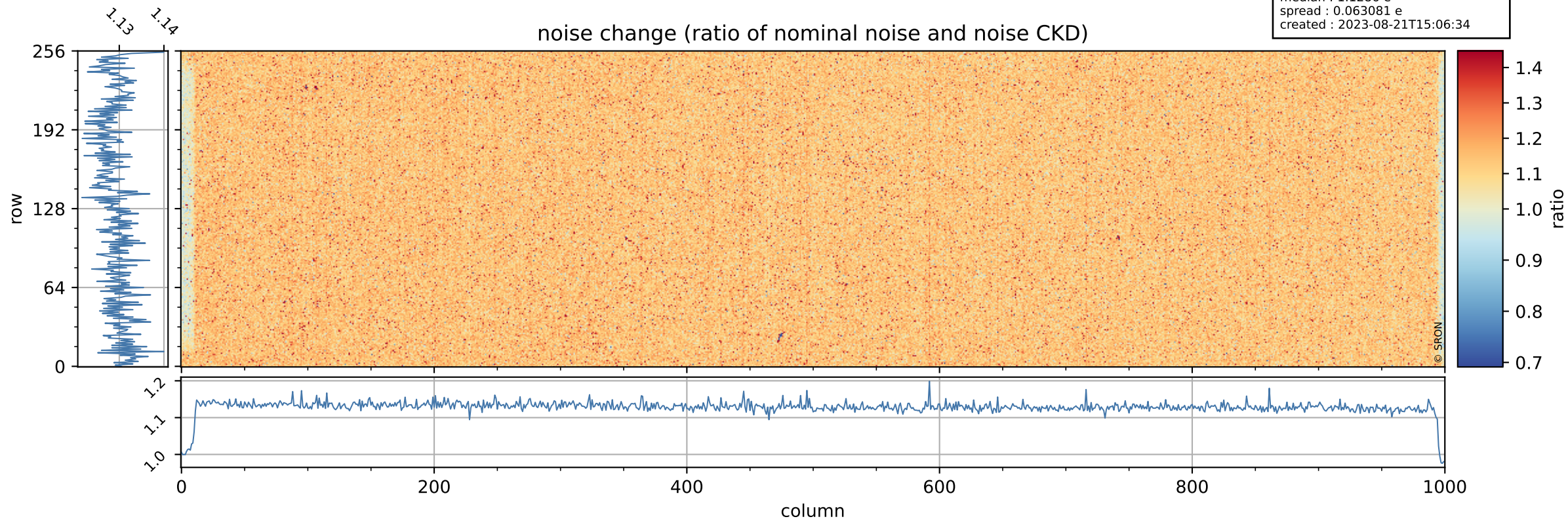
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [9667, 9742]
coverage : 2019-08-25 / 2019-08-30
median : 1.0023 e
spread : 0.008306 e
created : 2023-08-21T15:06:33



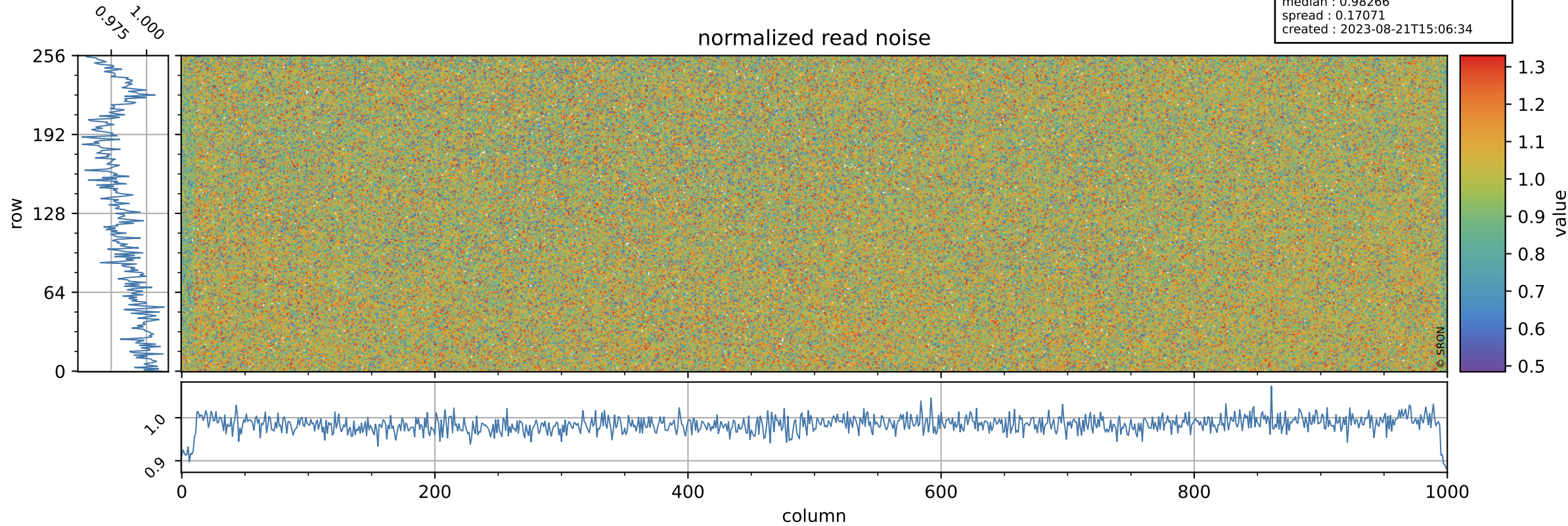
Tropomi SWIR background noise (swir)

orbits : 13 in [9667, 9742]
coverage : 2019-08-25 / 2019-08-30
median : 1.1286 e
spread : 0.063081 e
created : 2023-08-21T15:06:34



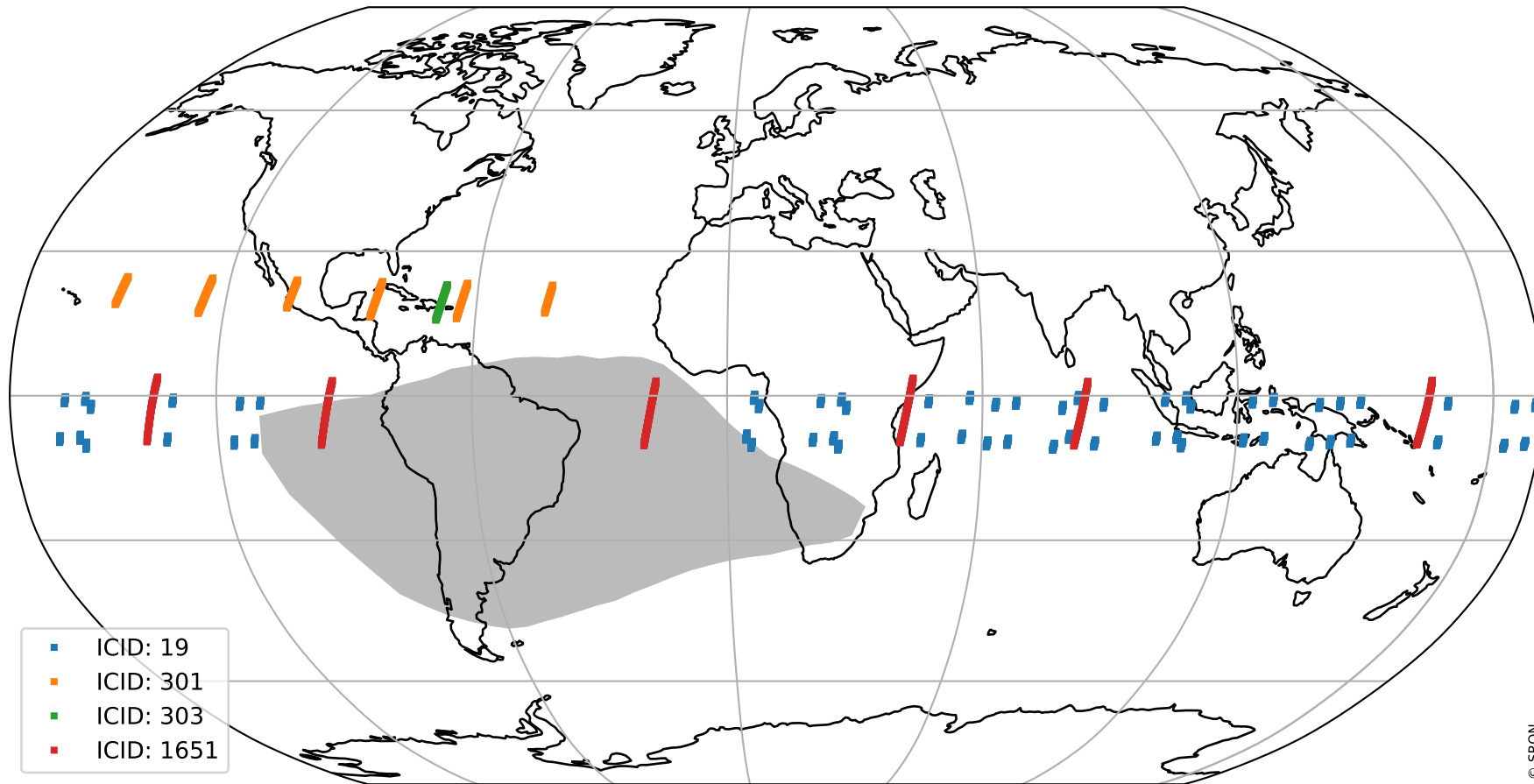
Tropomi SWIR background noise (swir)

orbits : 13 in [9667, 9742]
coverage : 2019-08-25 / 2019-08-30
median : 0.98266
spread : 0.17071
created : 2023-08-21T15:06:34



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

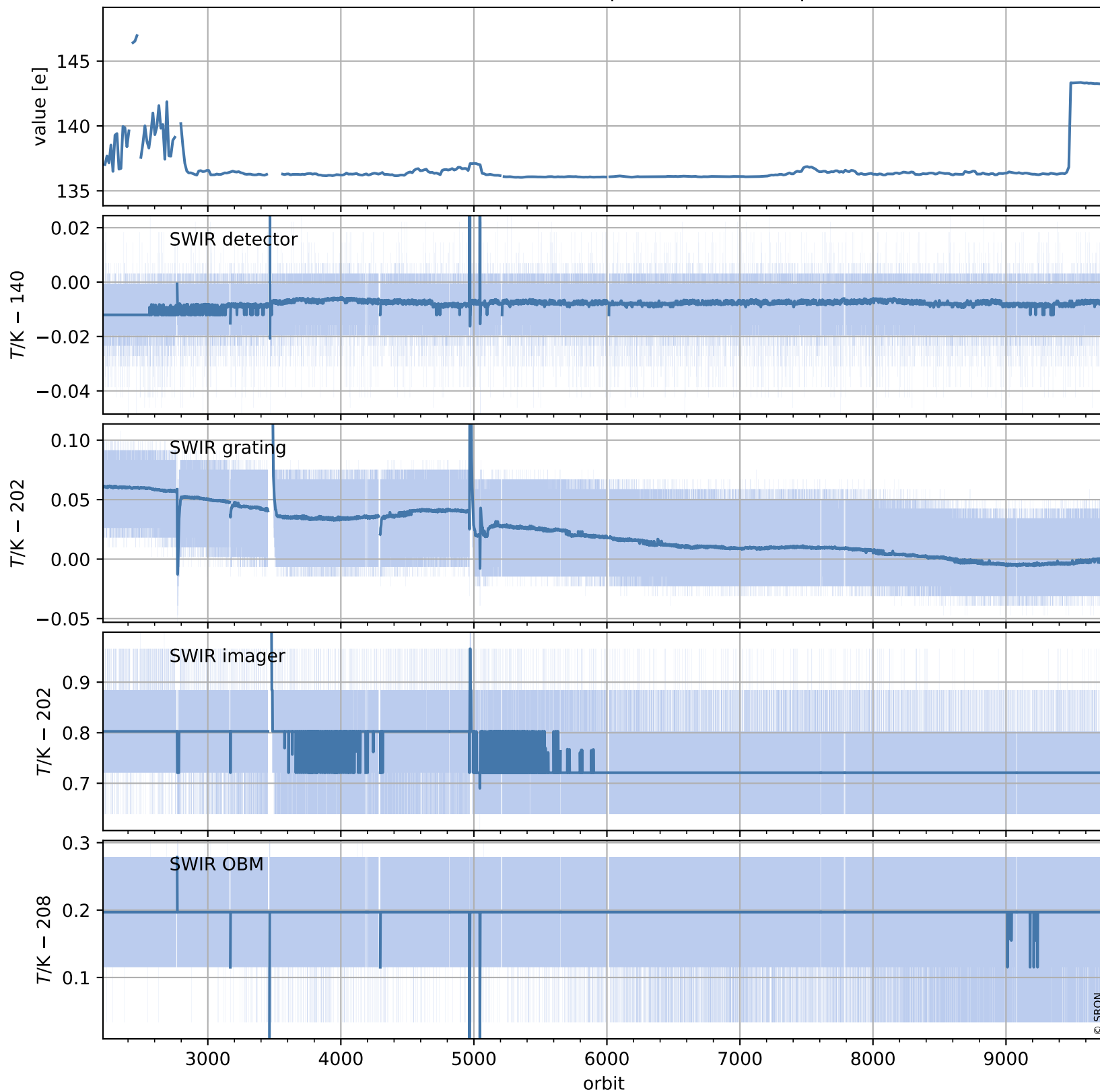
orbits : 13 in [9667, 9742]
coverage : 2019-08-25 / 2019-08-30
created : 2023-08-21T15:06:34



Tropomi SWIR background noise (swir)

orbits : [2212, 9742]
coverage : 2018-03-18 / 2019-08-30
created : 2023-08-21T15:06:35

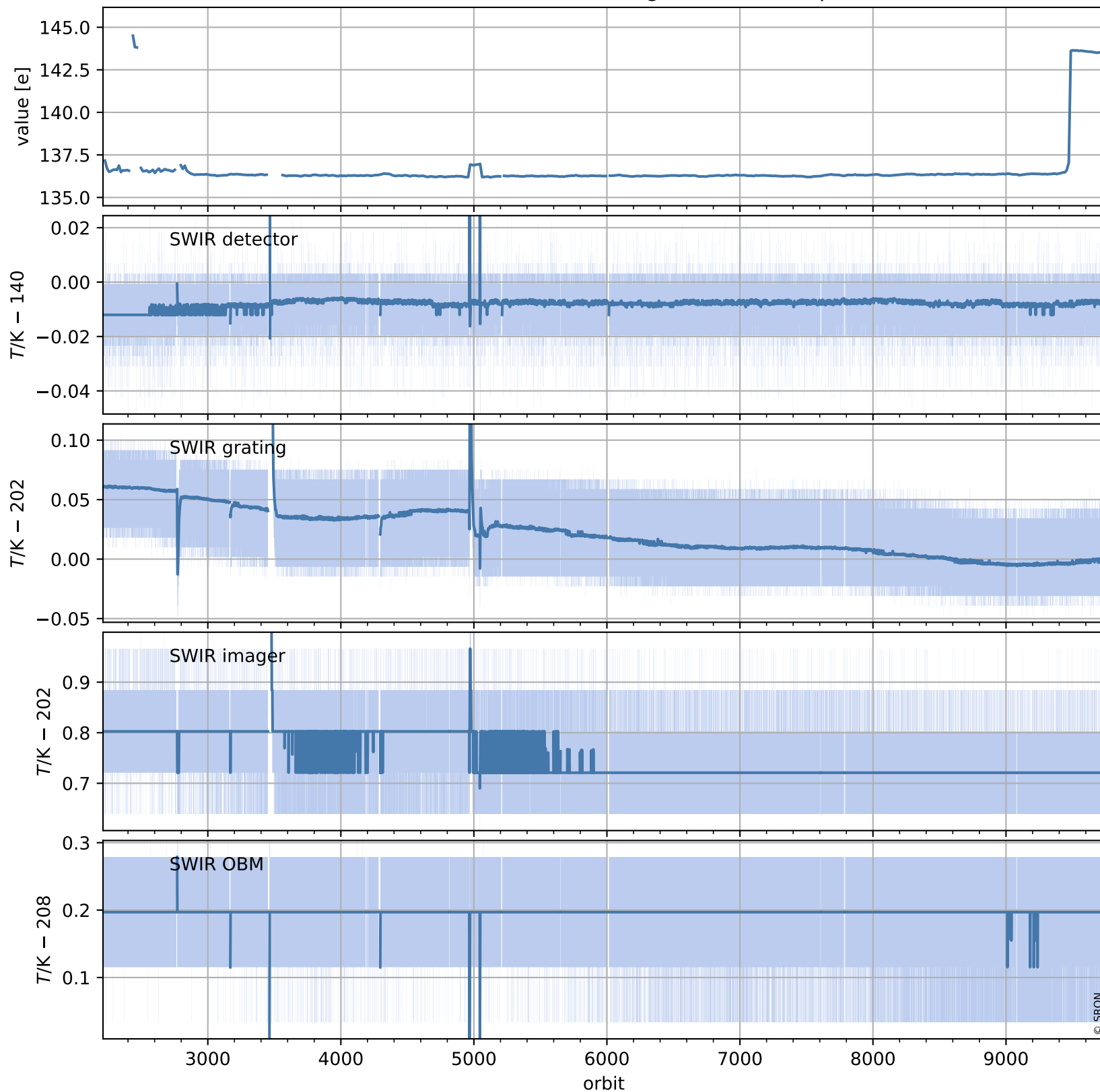
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9742]
coverage : 2018-03-18 / 2019-08-30
created : 2023-08-21T15:06:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9742]
coverage : 2018-03-18 / 2019-08-30
created : 2023-08-21T15:06:37

trend of normalized read-noise & temperatures

