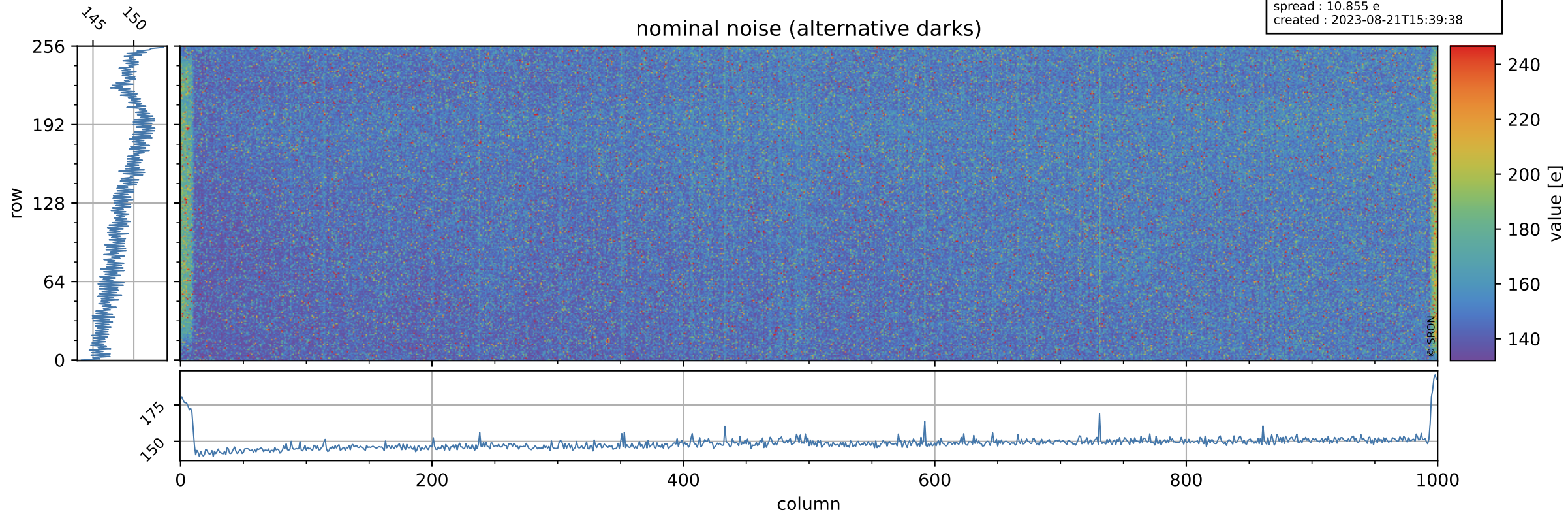


Tropomi SWIR background noise (swir)

orbits : 12 in [14917, 15007]
coverage : 2020-08-30 / 2020-09-05
n_coad, t_exp : 1, 1.0783
median : 148.58 e
spread : 10.855 e
created : 2023-08-21T15:39:38

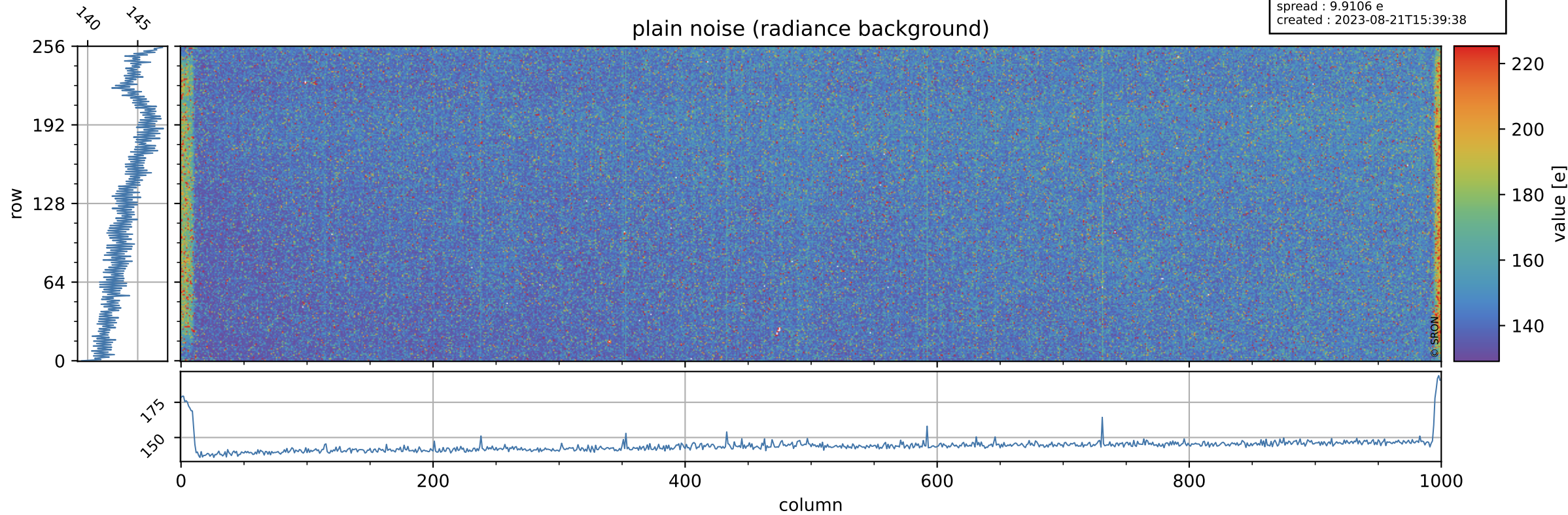
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14917, 15007]
coverage : 2020-08-30 / 2020-09-05
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.9106 e
created : 2023-08-21T15:39:38

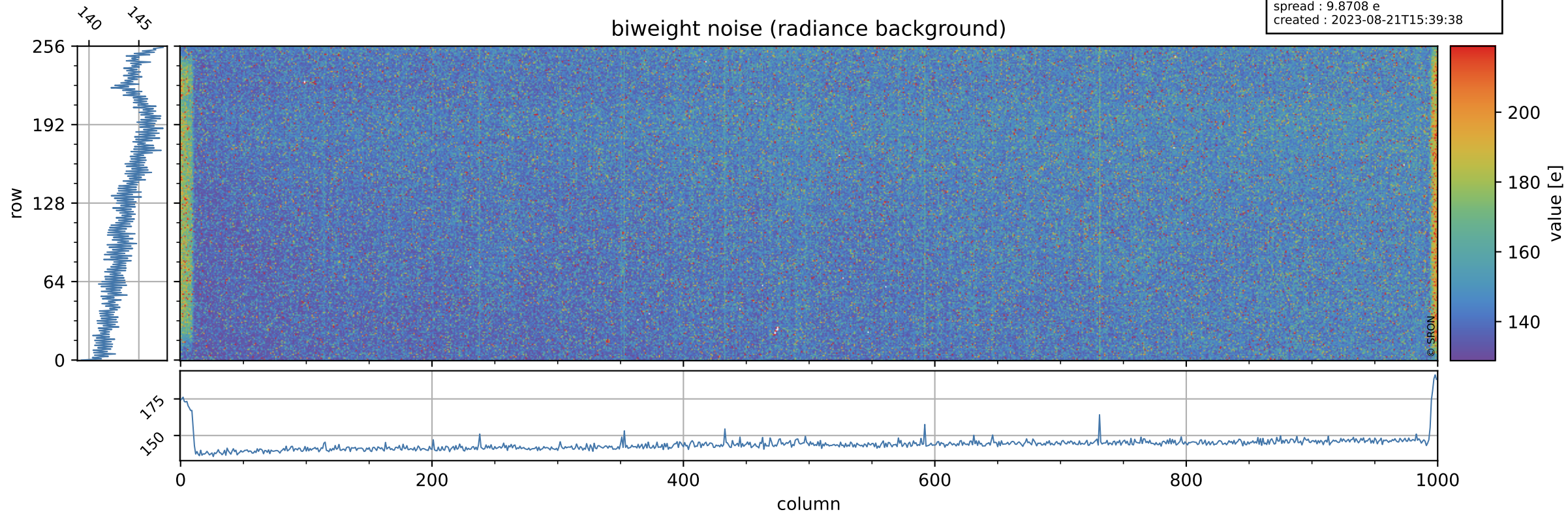
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14917, 15007]
coverage : 2020-08-30 / 2020-09-05
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.8708 e
created : 2023-08-21T15:39:38

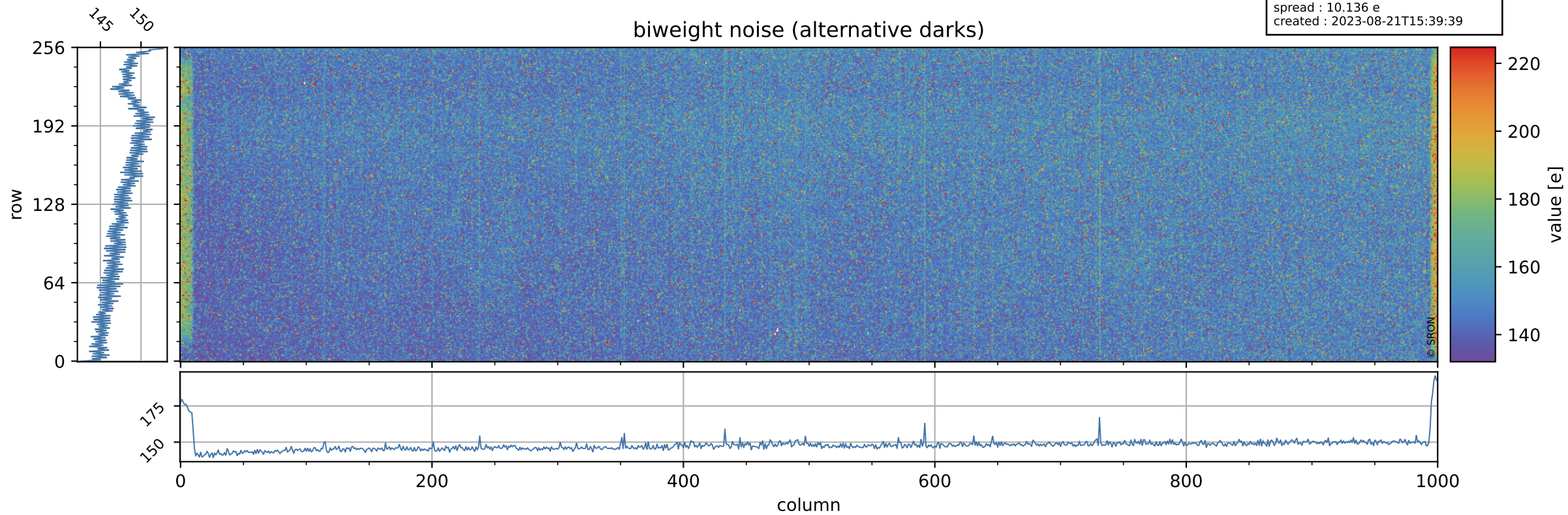
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14917, 15007]
coverage : 2020-08-30 / 2020-09-05
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.136 e
created : 2023-08-21T15:39:39

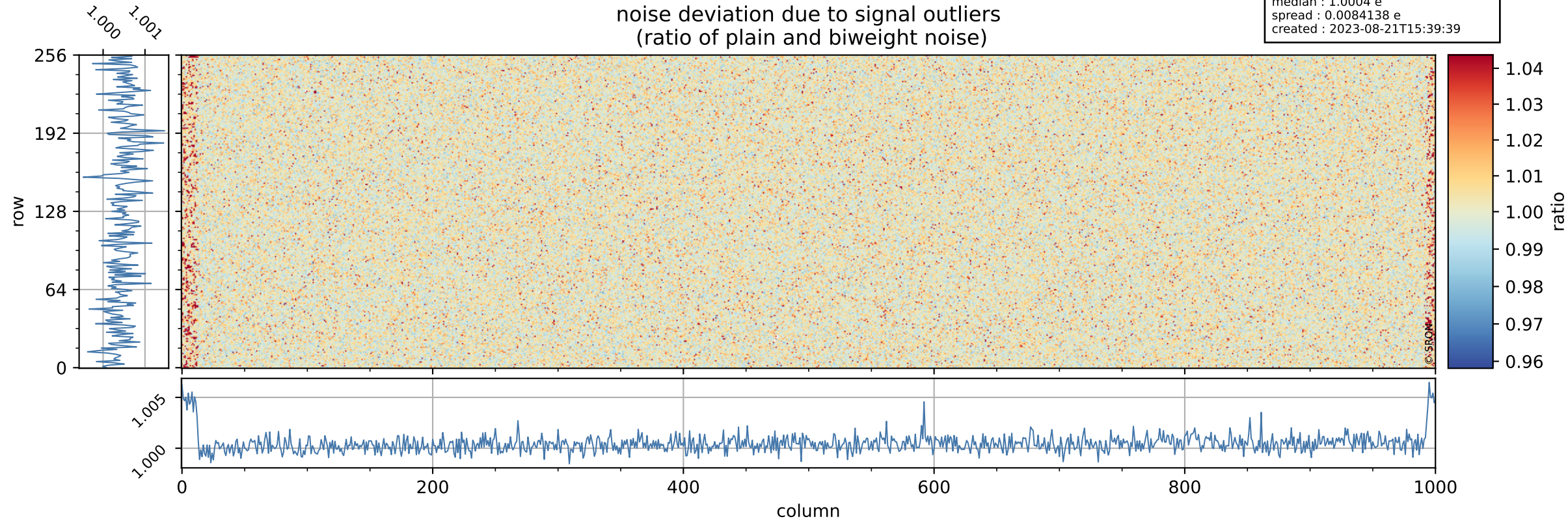
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

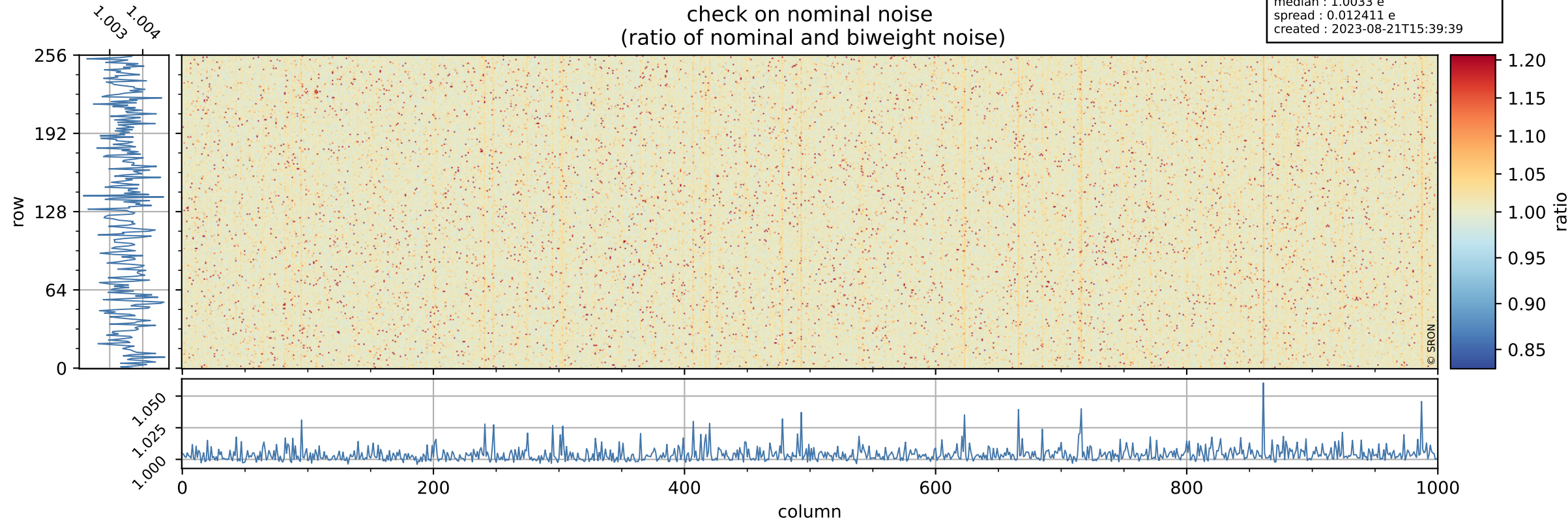
orbits : 12 in [14917, 15007]
coverage : 2020-08-30 / 2020-09-05
median : 1.0004 e
spread : 0.0084138 e
created : 2023-08-21T15:39:39



Tropomi SWIR background noise (swir)

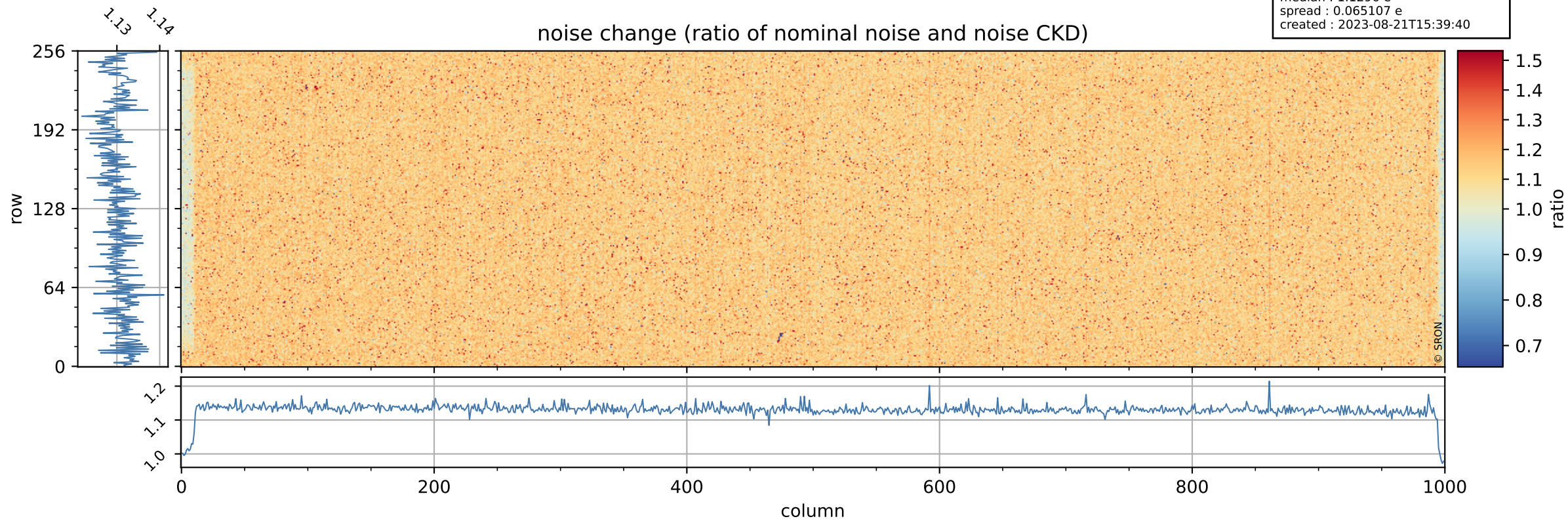
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14917, 15007]
coverage : 2020-08-30 / 2020-09-05
median : 1.0033 e
spread : 0.012411 e
created : 2023-08-21T15:39:39



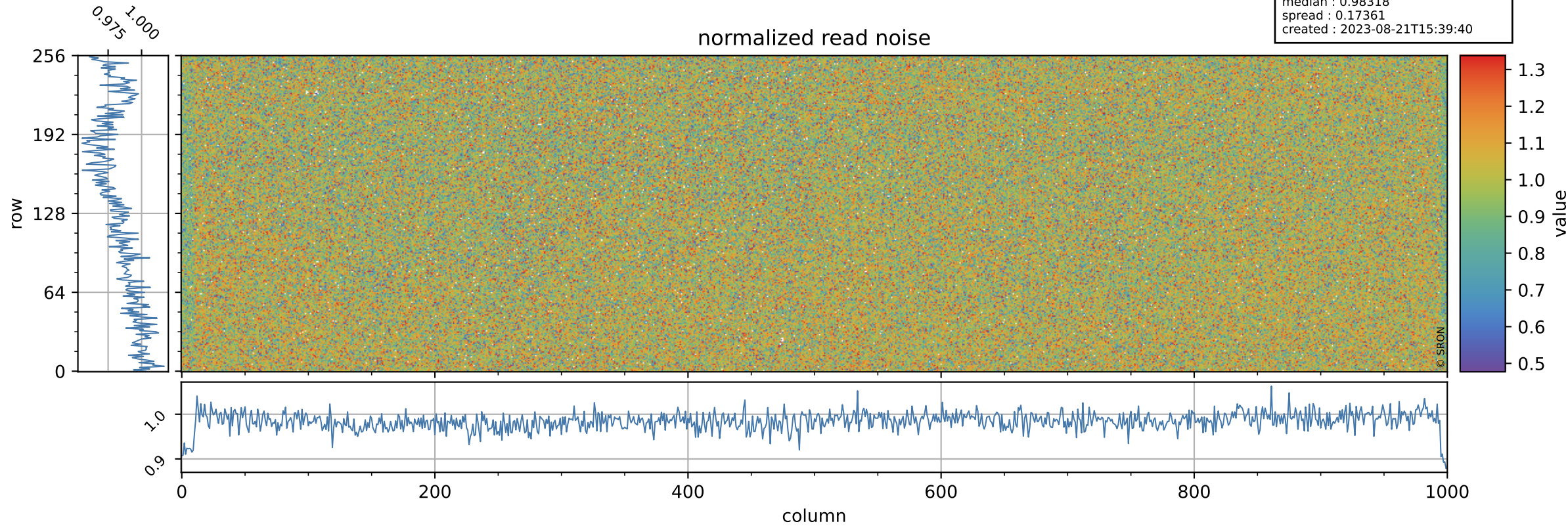
Tropomi SWIR background noise (swir)

orbits : 12 in [14917, 15007]
coverage : 2020-08-30 / 2020-09-05
median : 1.1296 e
spread : 0.065107 e
created : 2023-08-21T15:39:40



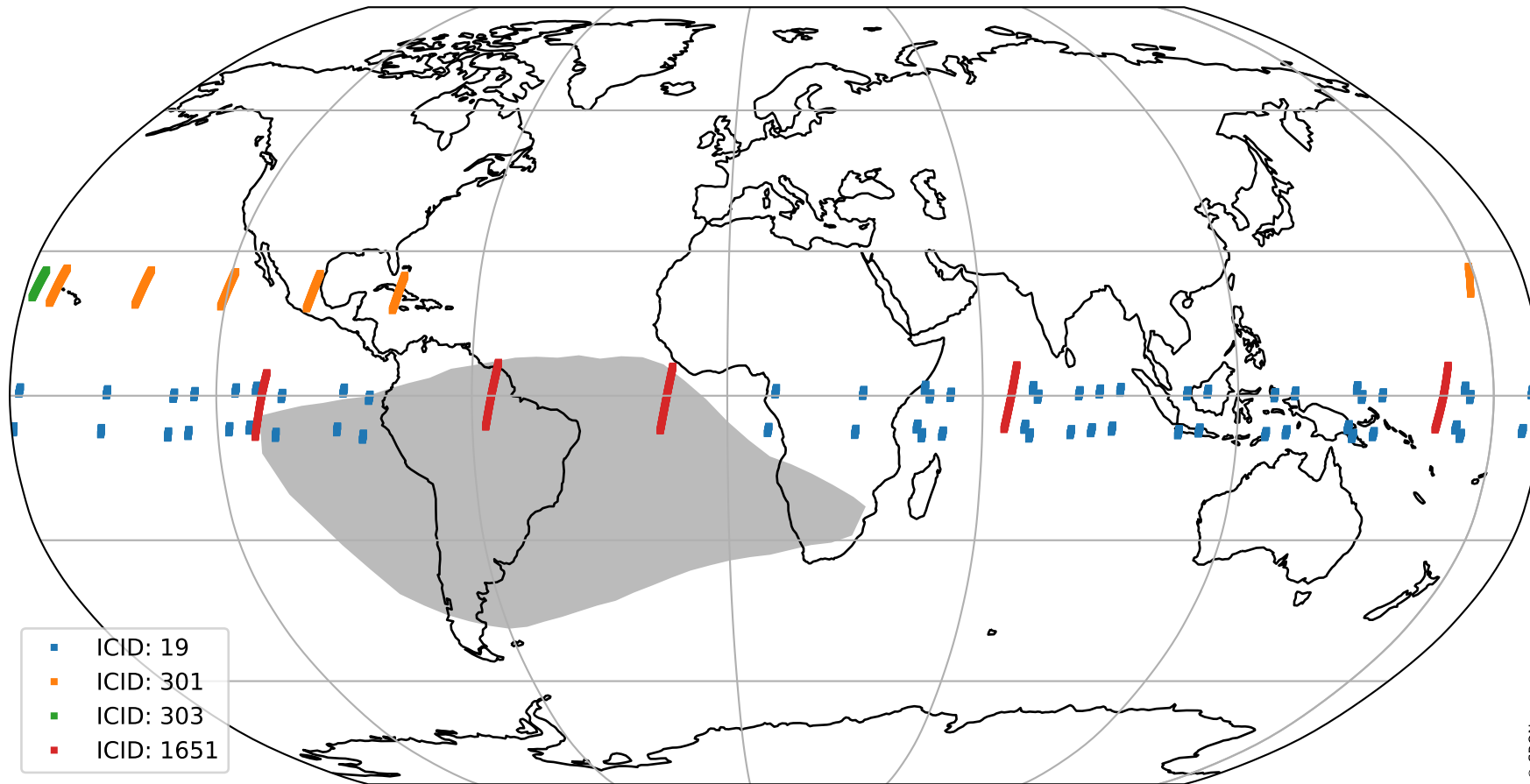
Tropomi SWIR background noise (swir)

orbits : 12 in [14917, 15007]
coverage : 2020-08-30 / 2020-09-05
median : 0.98318
spread : 0.17361
created : 2023-08-21T15:39:40



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

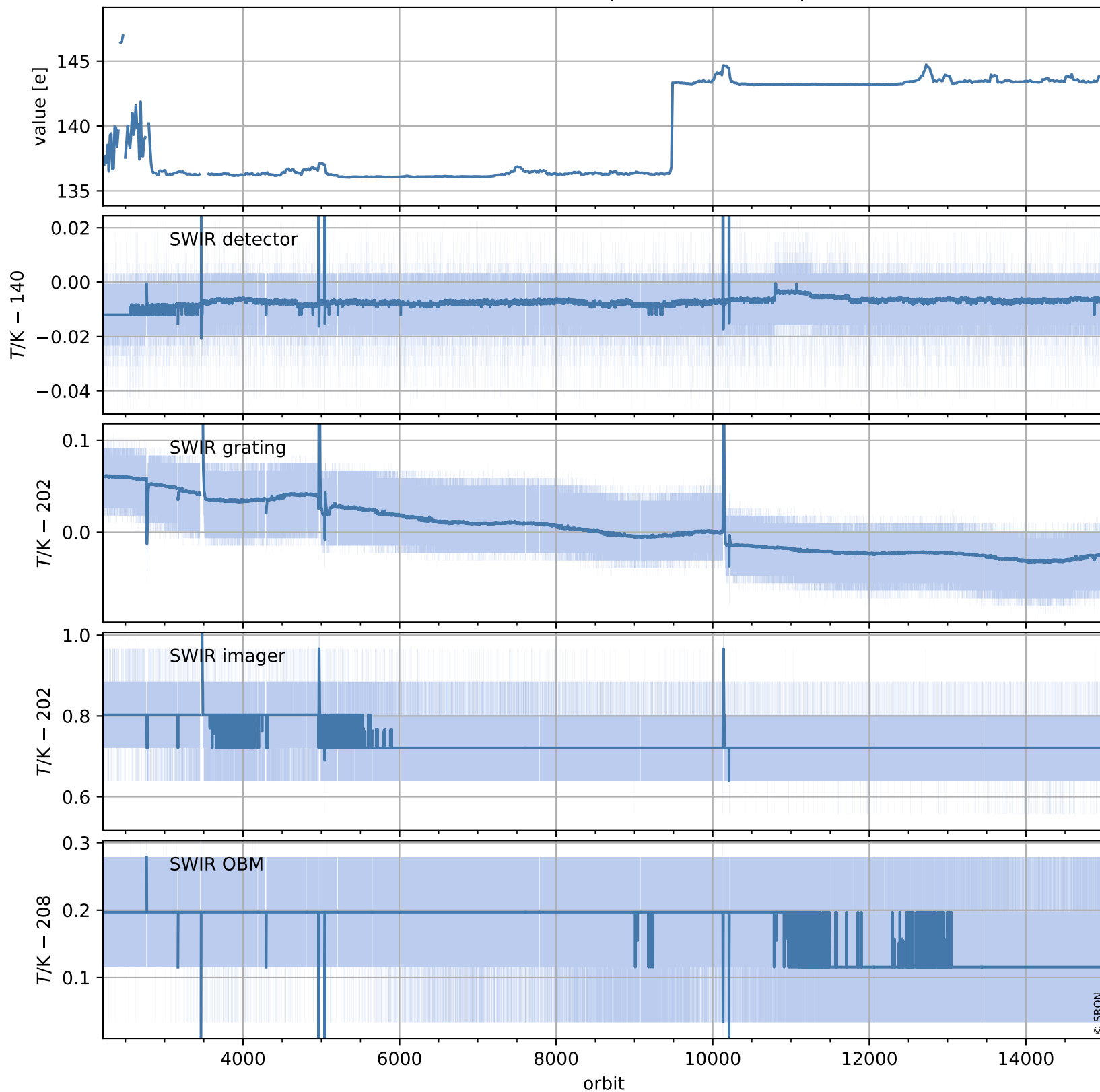
orbits : 12 in [14917, 15007]
coverage : 2020-08-30 / 2020-09-05
created : 2023-08-21T15:39:40



Tropomi SWIR background noise (swir)

orbits : [2212, 15007]
coverage : 2018-03-18 / 2020-09-05
created : 2023-08-21T15:39:41

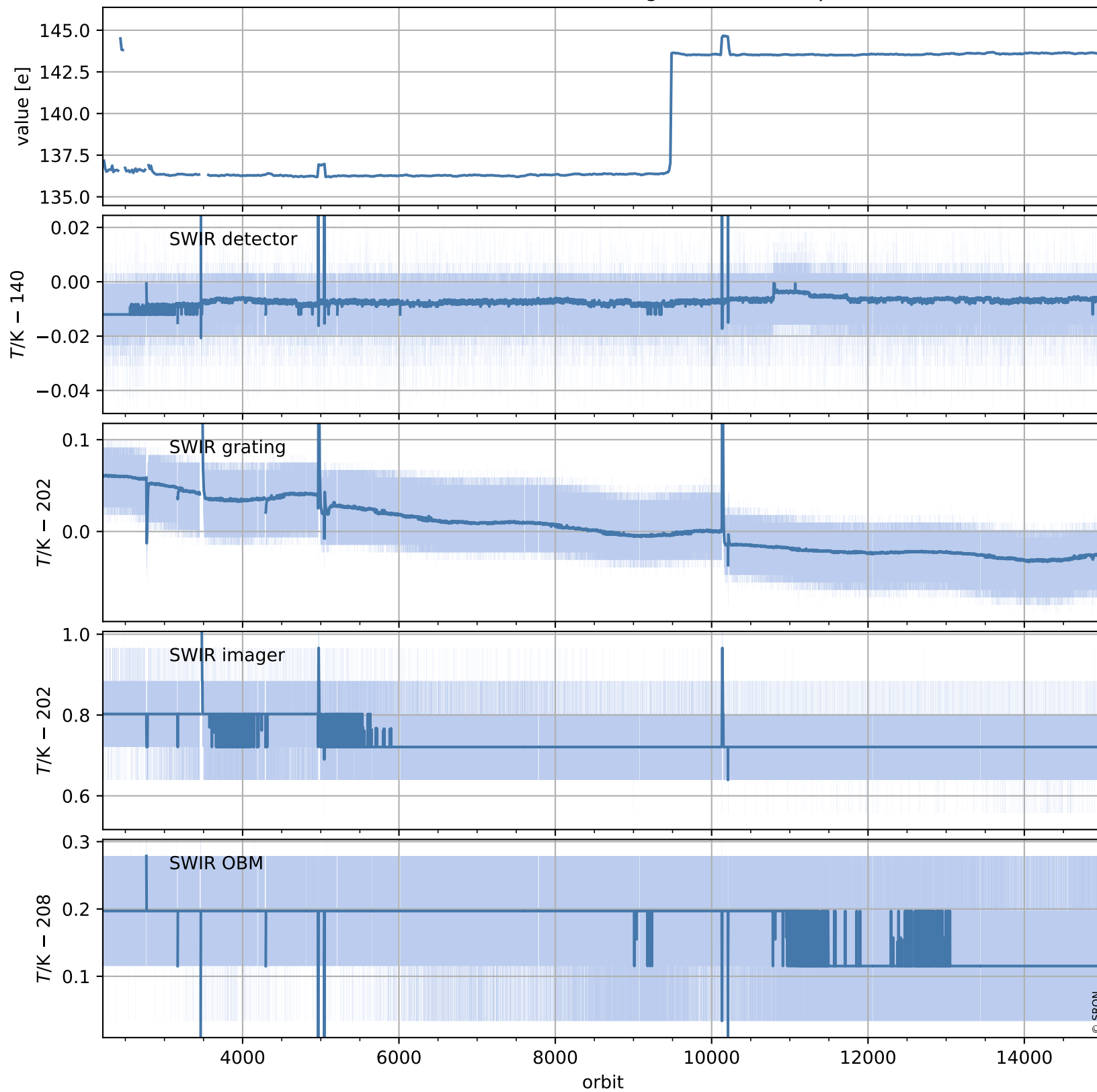
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15007]
coverage : 2018-03-18 / 2020-09-05
created : 2023-08-21T15:39:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15007]
coverage : 2018-03-18 / 2020-09-05
created : 2023-08-21T15:39:42

trend of normalized read-noise & temperatures

