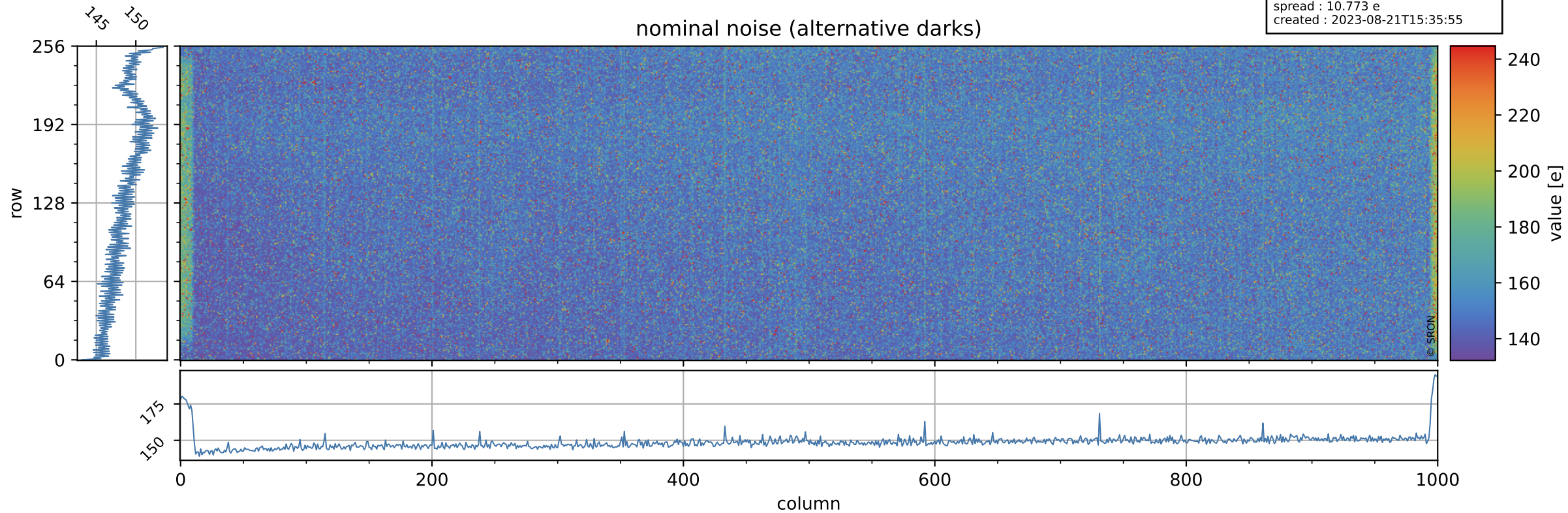


Tropomi SWIR background noise (swir)

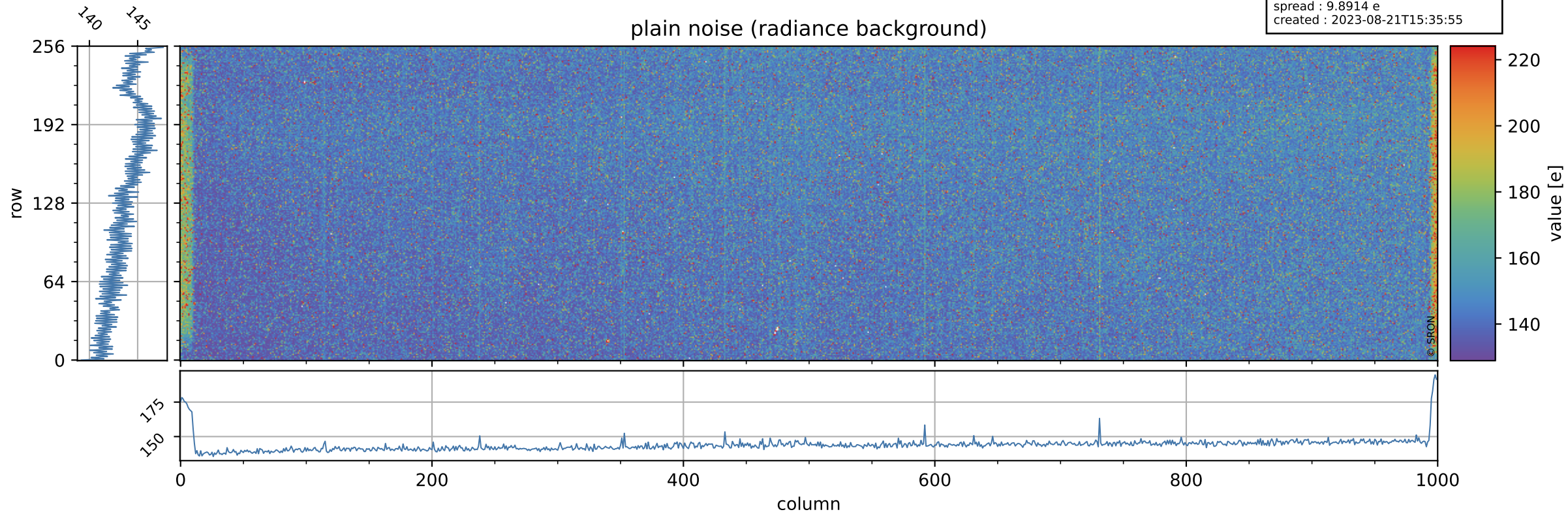
orbits : 12 in [14257, 14332]
coverage : 2020-07-13 / 2020-07-19
n_coad, t_exp : 1, 1.0783
median : 148.52 e
spread : 10.773 e
created : 2023-08-21T15:35:55



Tropomi SWIR background noise (swir)

orbits : 12 in [14257, 14332]
coverage : 2020-07-13 / 2020-07-19
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.8914 e
created : 2023-08-21T15:35:55

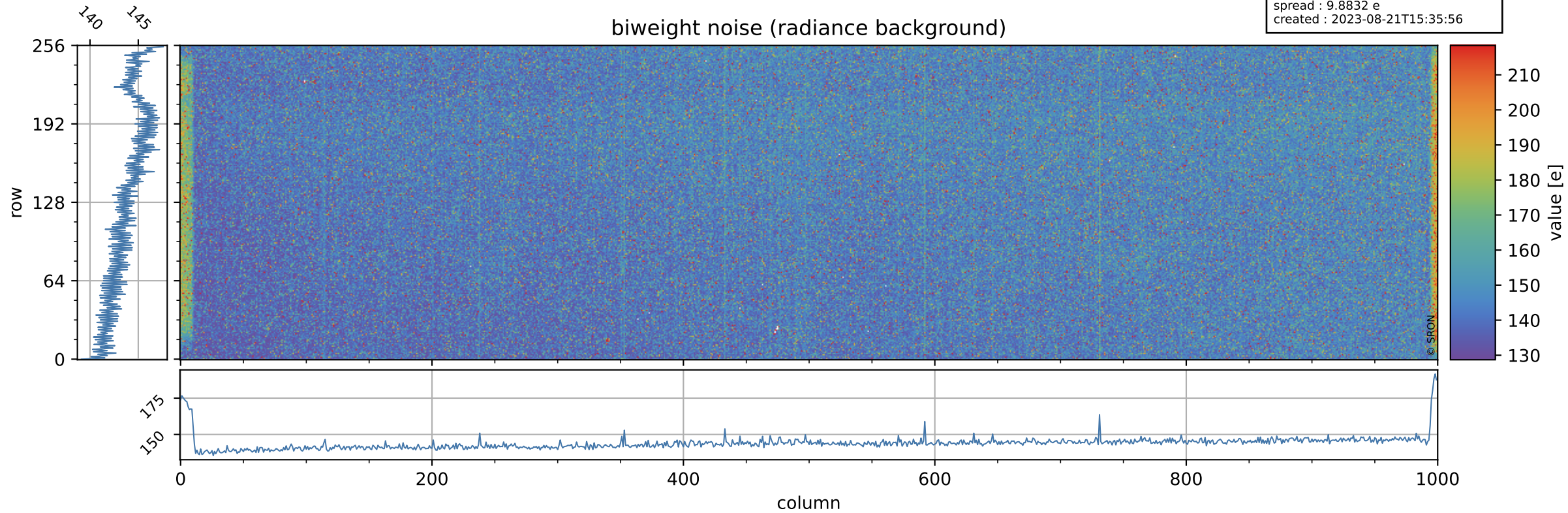
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14257, 14332]
coverage : 2020-07-13 / 2020-07-19
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.8832 e
created : 2023-08-21T15:35:56

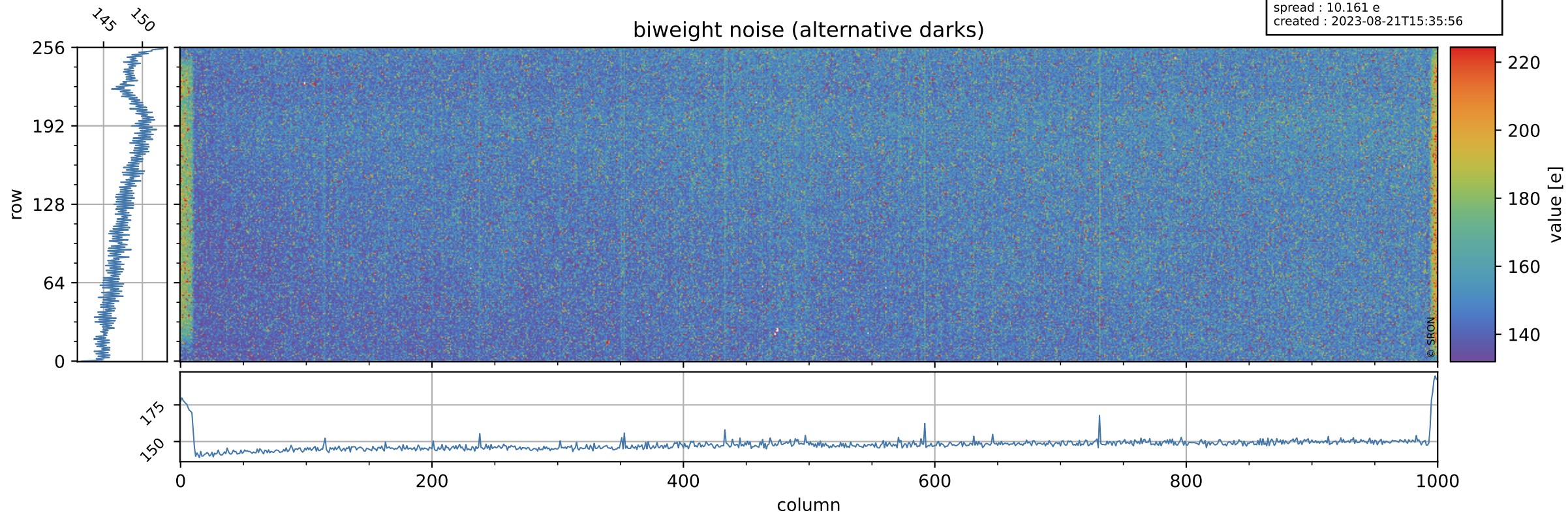
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14257, 14332]
coverage : 2020-07-13 / 2020-07-19
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.161 e
created : 2023-08-21T15:35:56

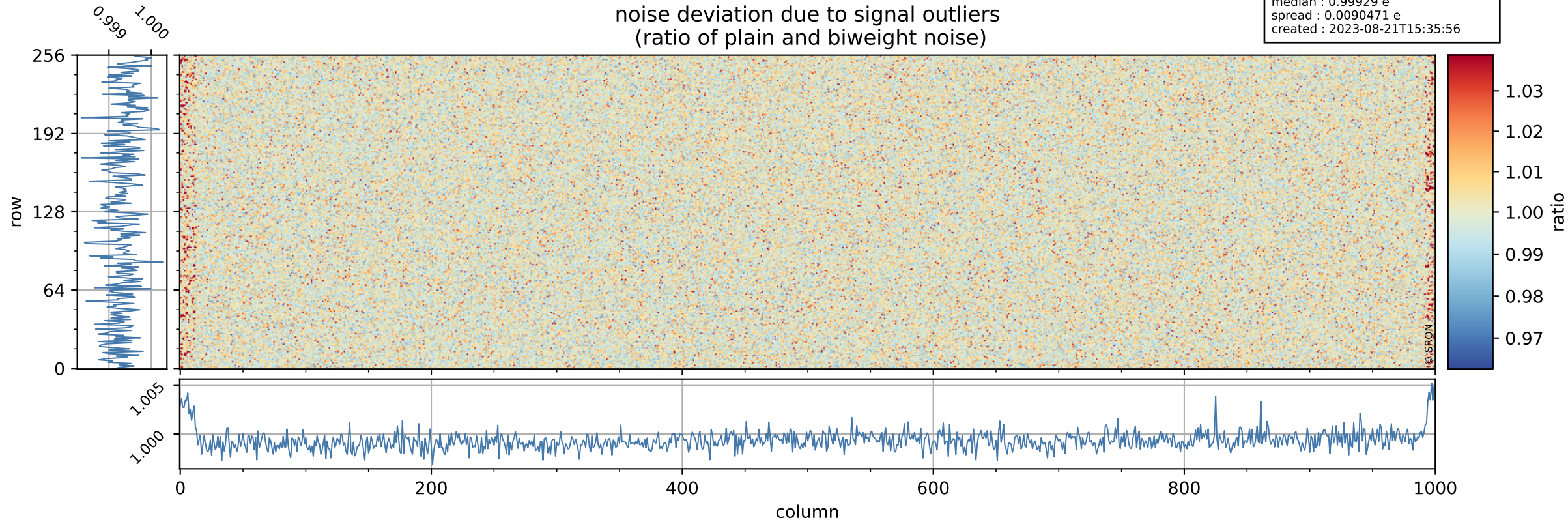
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

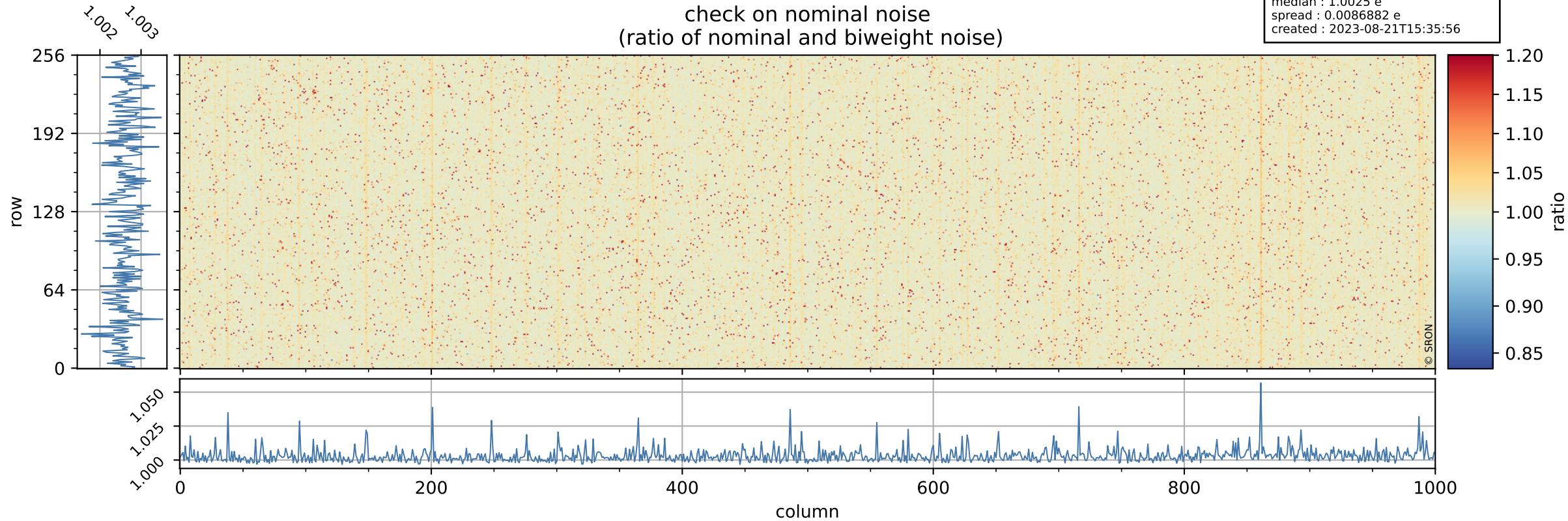
orbits : 12 in [14257, 14332]
coverage : 2020-07-13 / 2020-07-19
median : 0.99929 e
spread : 0.0090471 e
created : 2023-08-21T15:35:56



Tropomi SWIR background noise (swir)

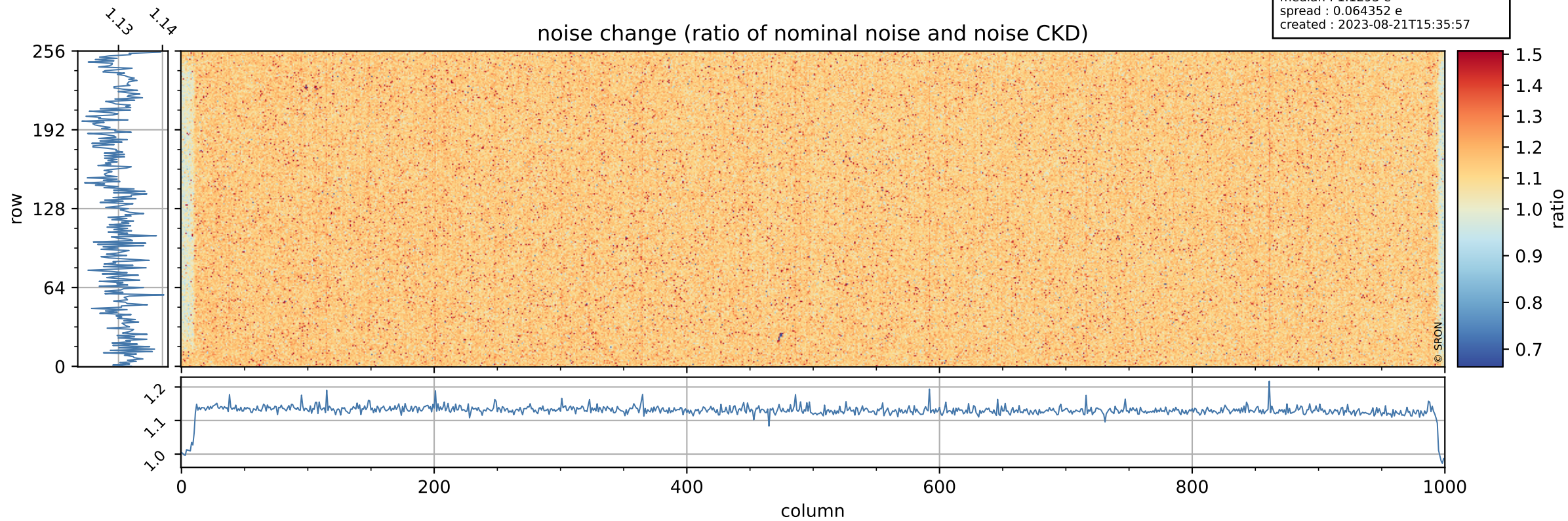
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14257, 14332]
coverage : 2020-07-13 / 2020-07-19
median : 1.0025 e
spread : 0.0086882 e
created : 2023-08-21T15:35:56



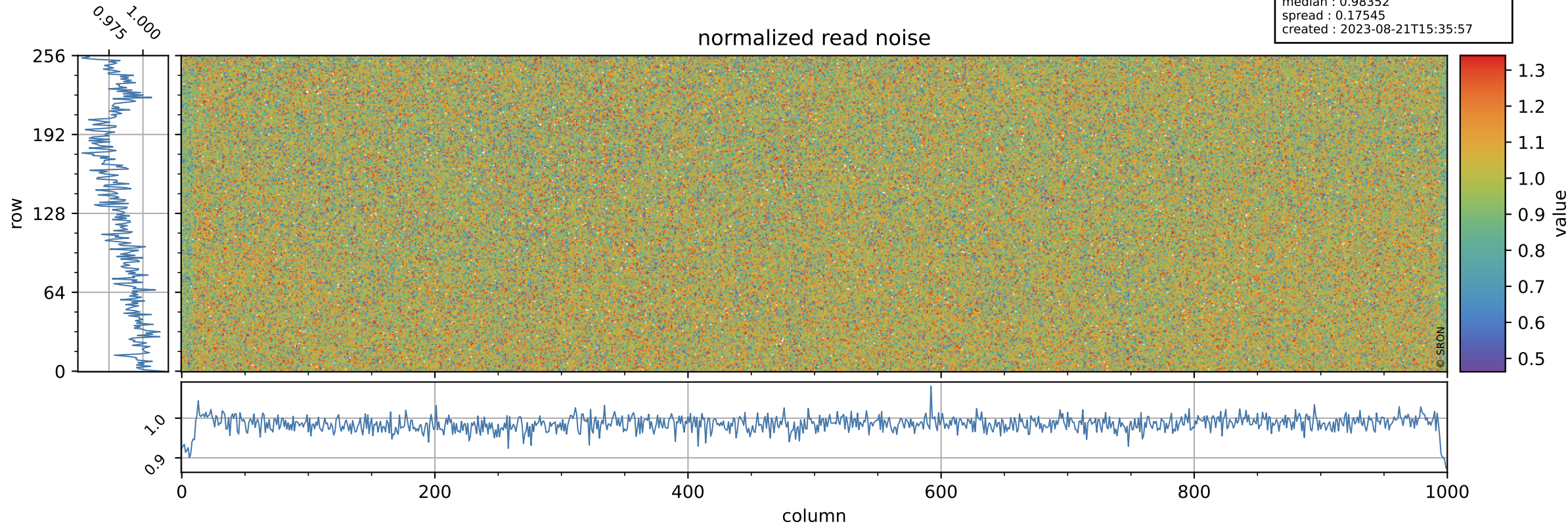
Tropomi SWIR background noise (swir)

orbits : 12 in [14257, 14332]
coverage : 2020-07-13 / 2020-07-19
median : 1.1293 e
spread : 0.064352 e
created : 2023-08-21T15:35:57



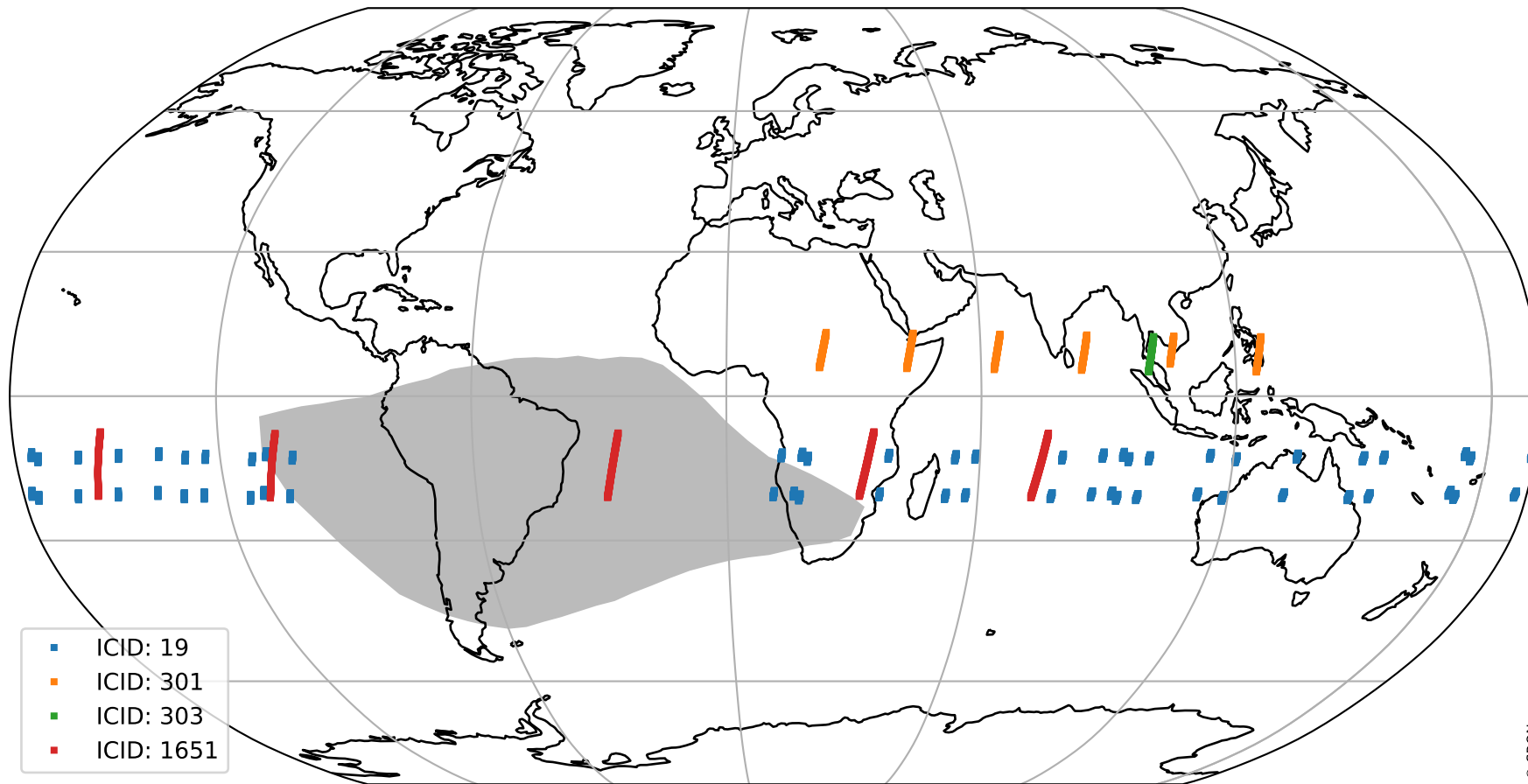
Tropomi SWIR background noise (swir)

orbits : 12 in [14257, 14332]
coverage : 2020-07-13 / 2020-07-19
median : 0.98352
spread : 0.17545
created : 2023-08-21T15:35:57



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

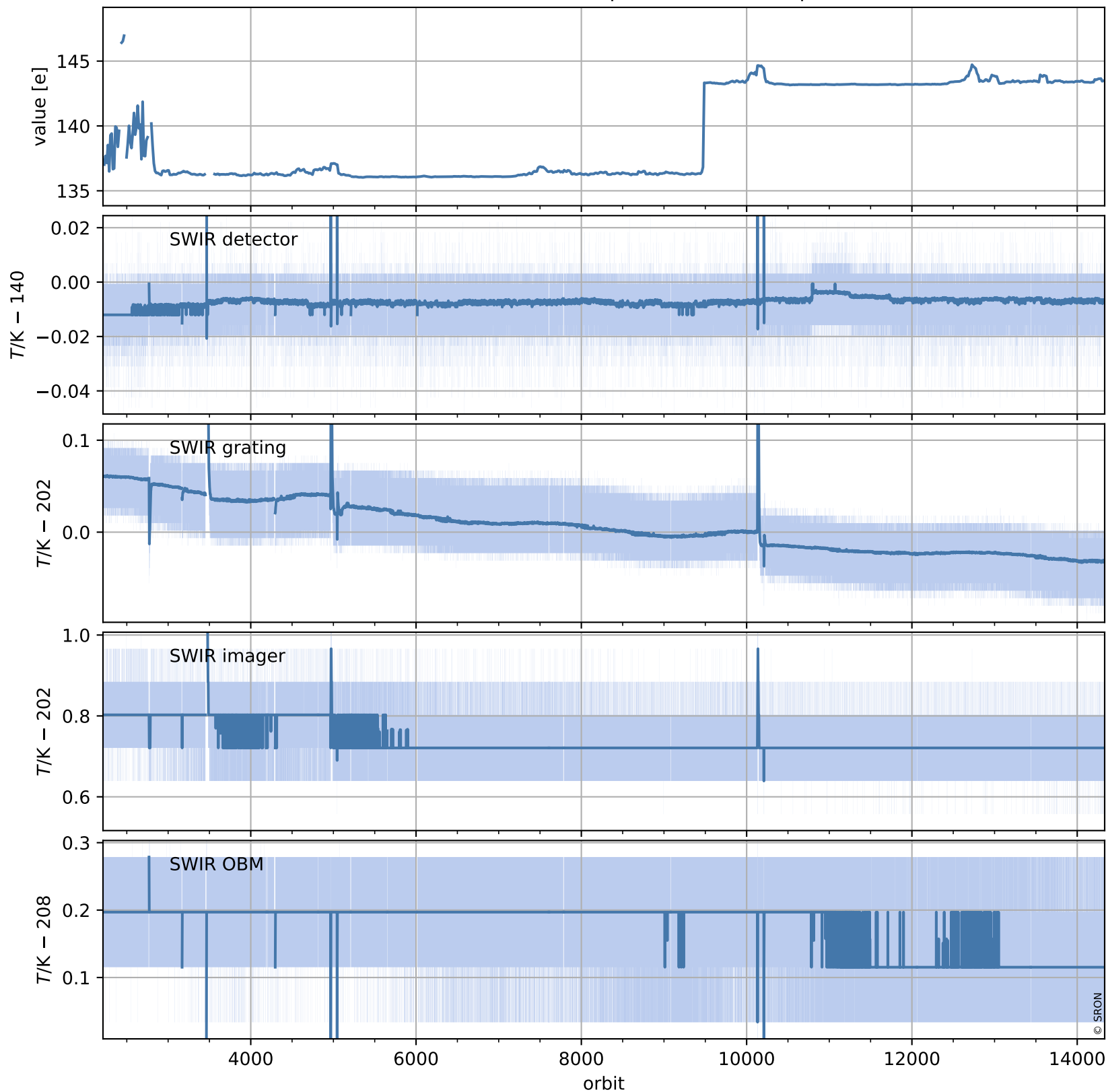
orbits : 12 in [14257, 14332]
coverage : 2020-07-13 / 2020-07-19
created : 2023-08-21T15:35:58



Tropomi SWIR background noise (swir)

orbits : [2212, 14332]
coverage : 2018-03-18 / 2020-07-19
created : 2023-08-21T15:35:58

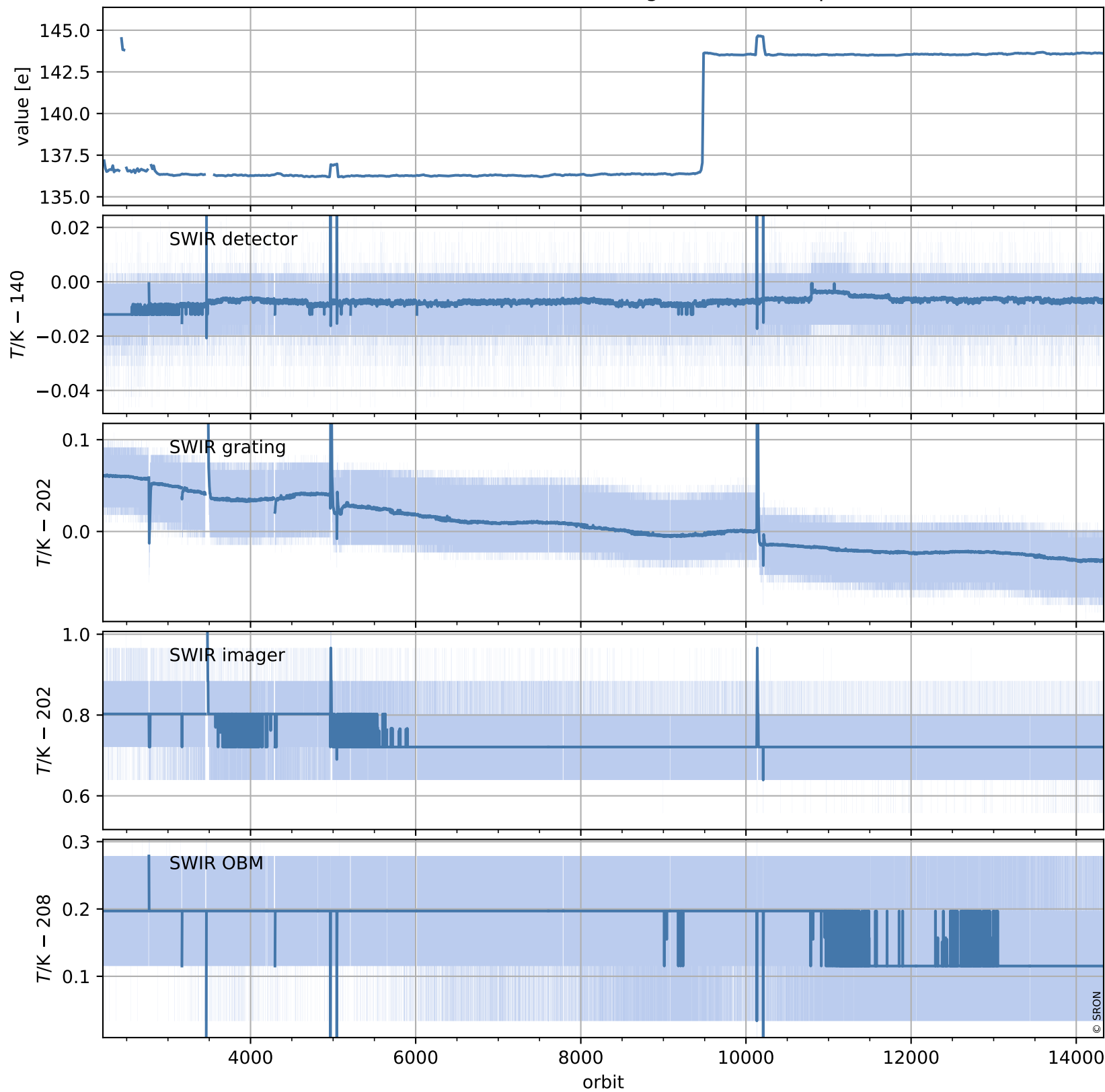
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14332]
coverage : 2018-03-18 / 2020-07-19
created : 2023-08-21T15:35:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14332]
coverage : 2018-03-18 / 2020-07-19
created : 2023-08-21T15:35:59

trend of normalized read-noise & temperatures

