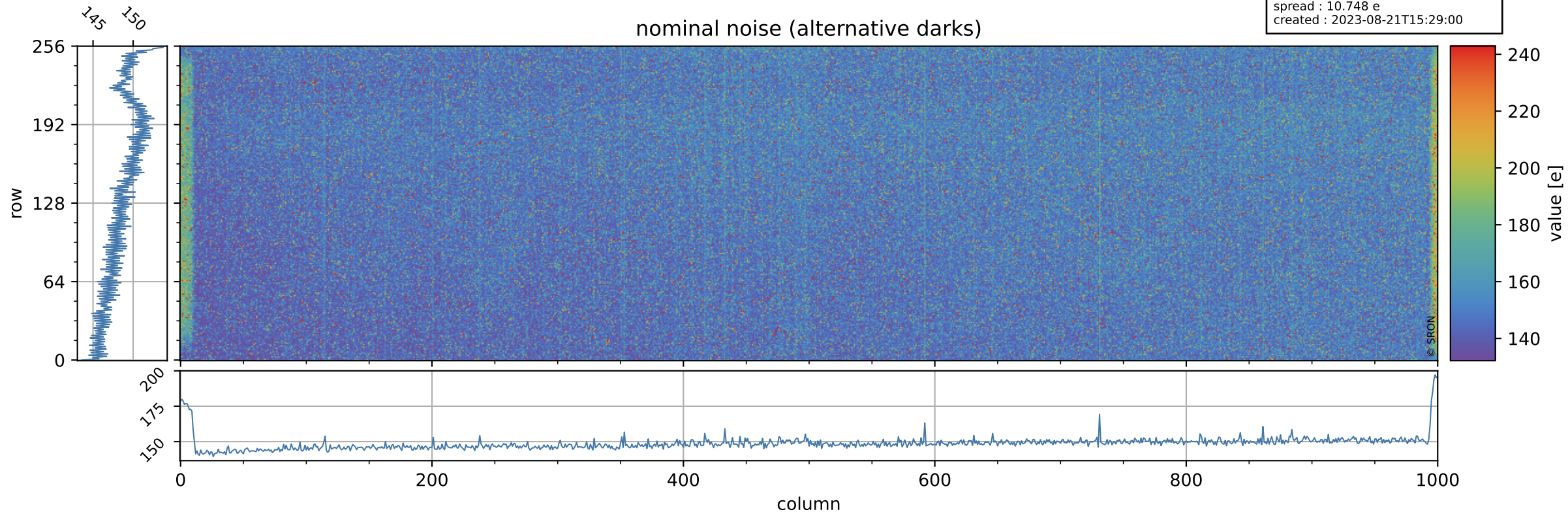


Tropomi SWIR background noise (swir)

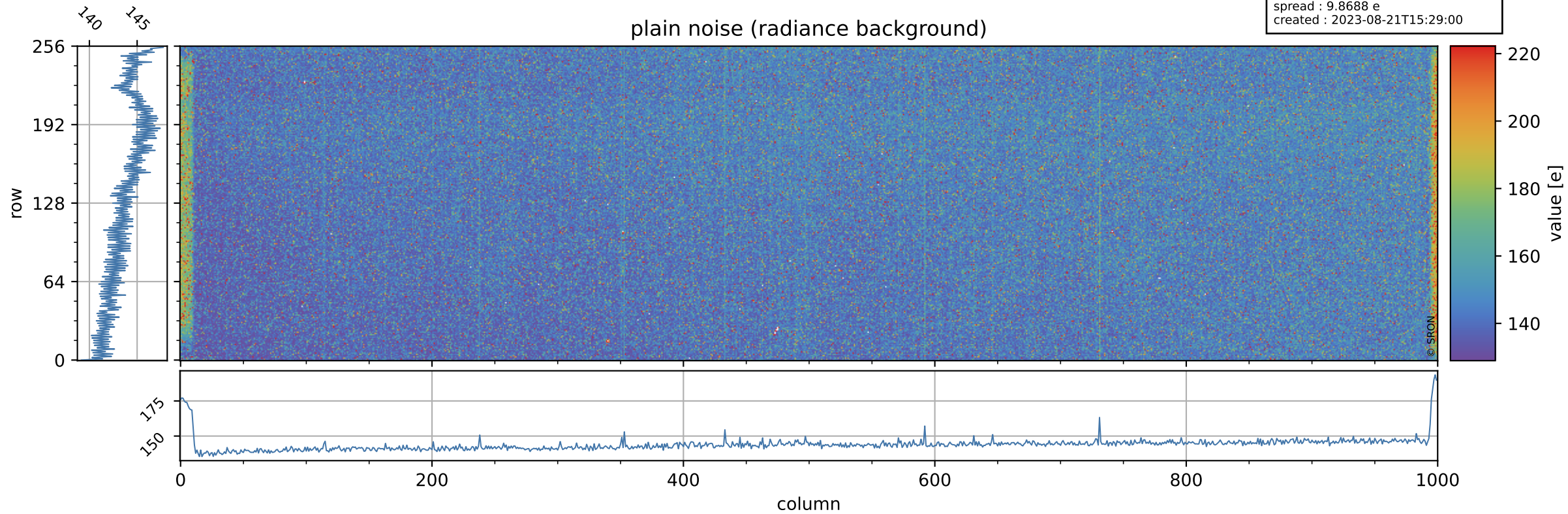
orbits : 12 in [12952, 13042]
coverage : 2020-04-13 / 2020-04-19
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.748 e
created : 2023-08-21T15:29:00



Tropomi SWIR background noise (swir)

orbits : 12 in [12952, 13042]
coverage : 2020-04-13 / 2020-04-19
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.8688 e
created : 2023-08-21T15:29:00

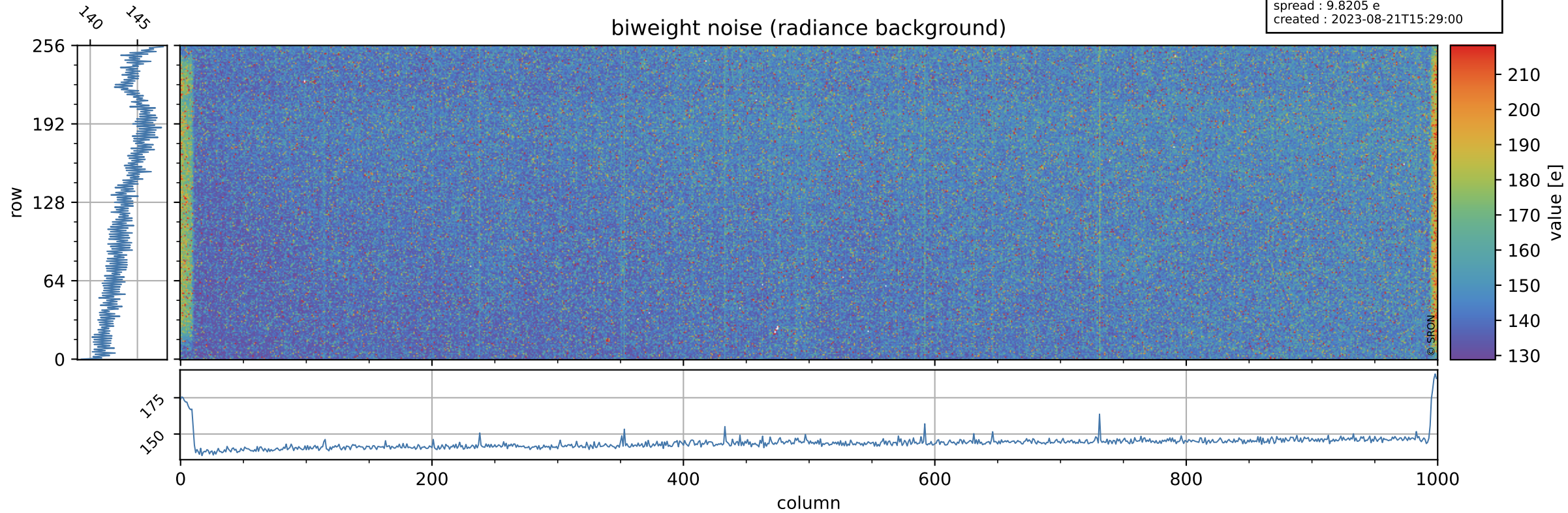
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12952, 13042]
coverage : 2020-04-13 / 2020-04-19
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.8205 e
created : 2023-08-21T15:29:00

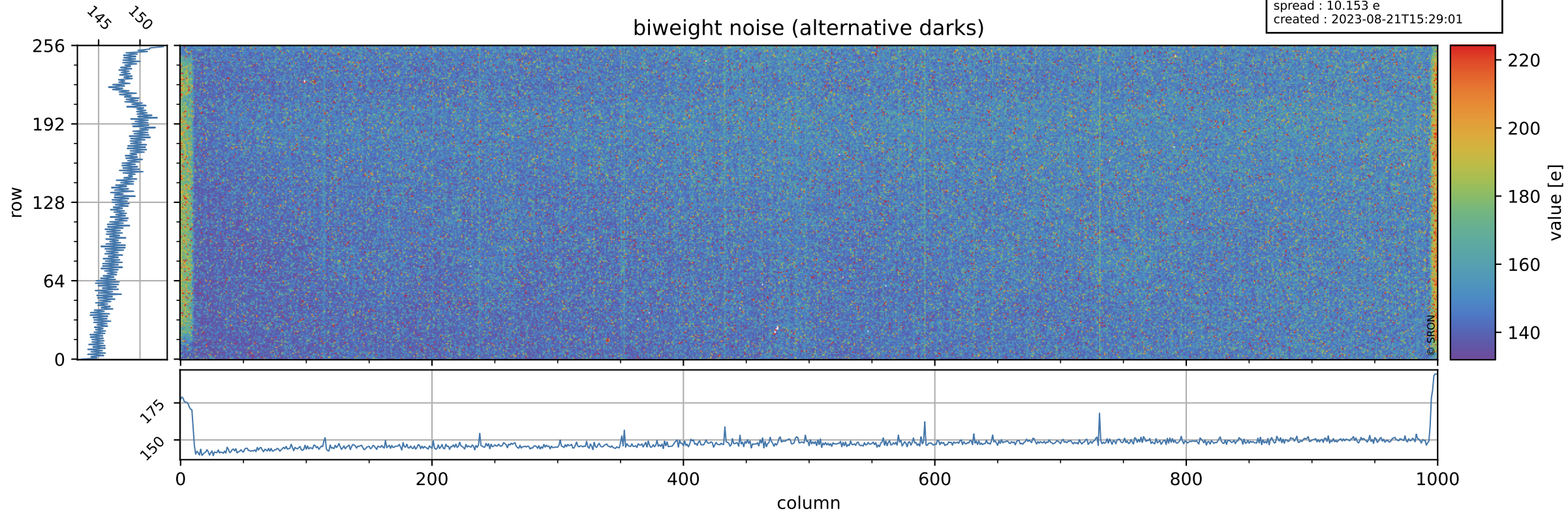
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12952, 13042]
coverage : 2020-04-13 / 2020-04-19
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.153 e
created : 2023-08-21T15:29:01

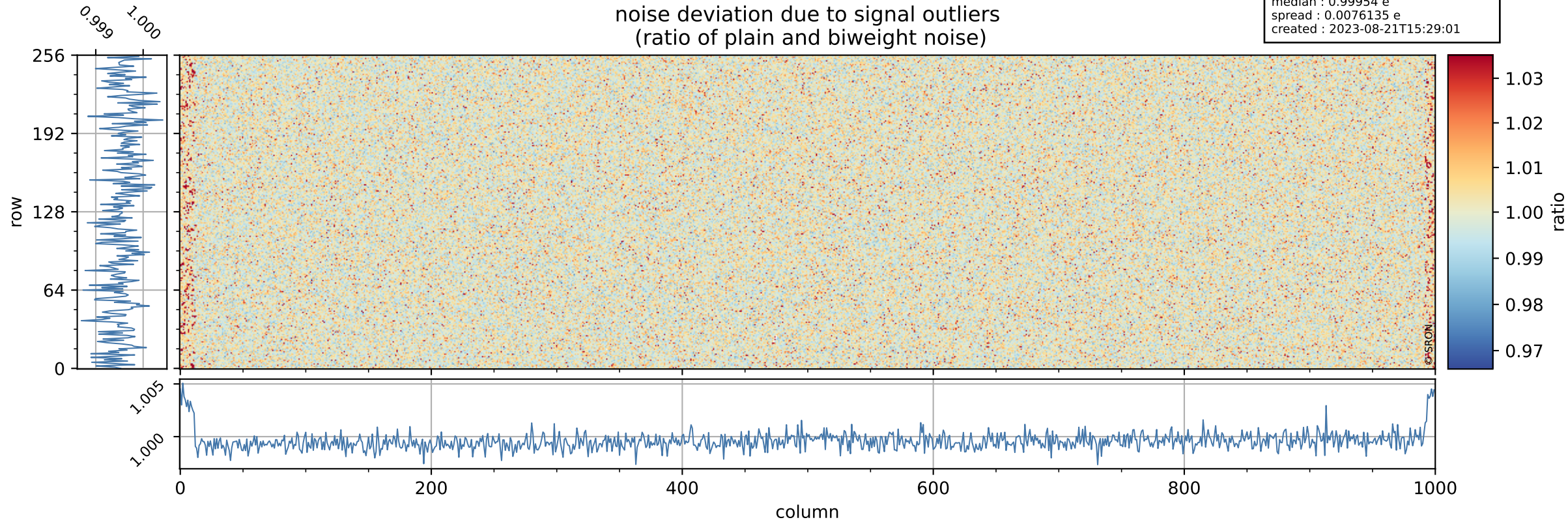
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

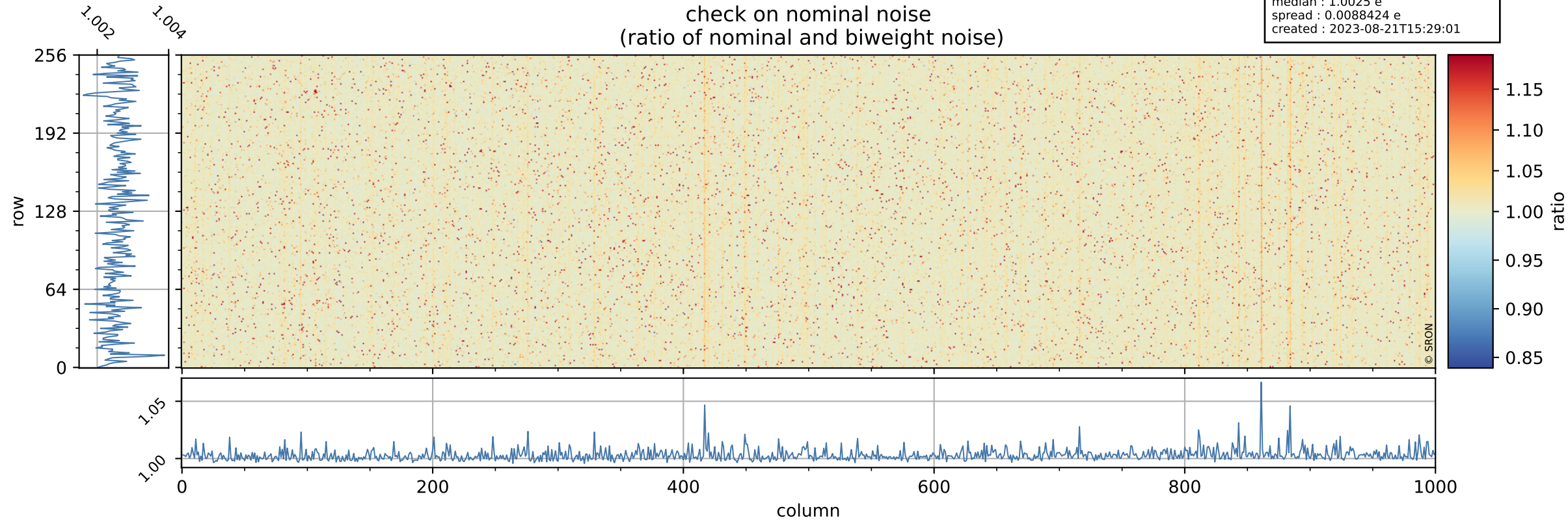
orbits : 12 in [12952, 13042]
coverage : 2020-04-13 / 2020-04-19
median : 0.99954 e
spread : 0.0076135 e
created : 2023-08-21T15:29:01



Tropomi SWIR background noise (swir)

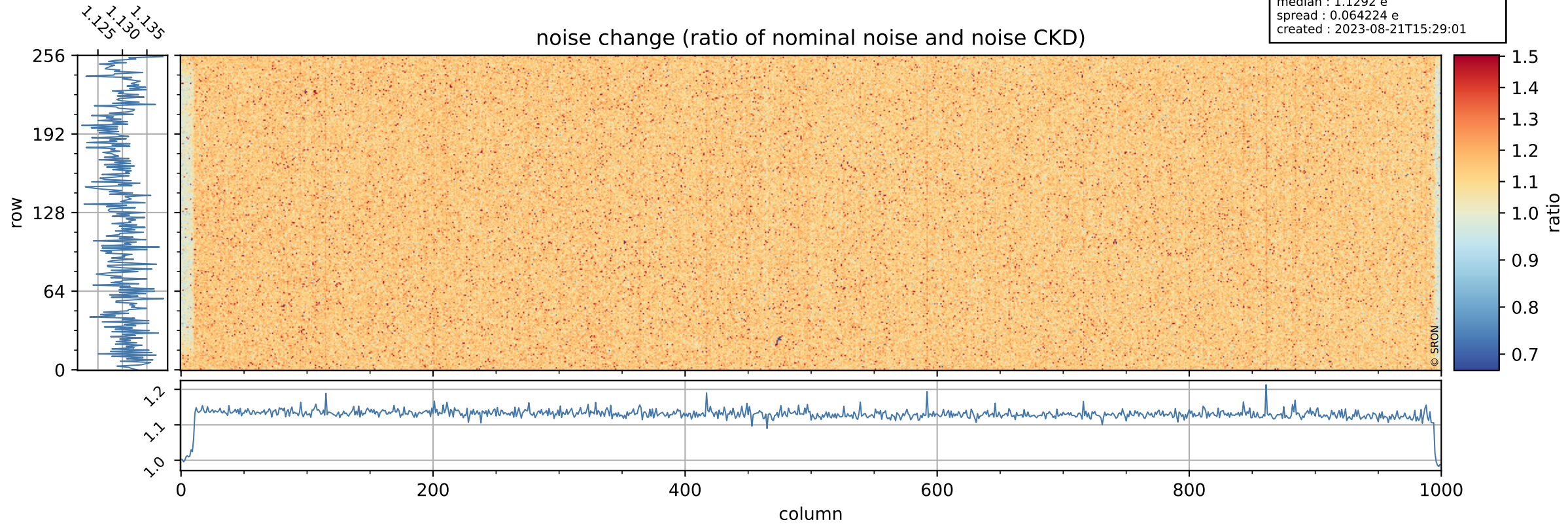
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12952, 13042]
coverage : 2020-04-13 / 2020-04-19
median : 1.0025 e
spread : 0.0088424 e
created : 2023-08-21T15:29:01



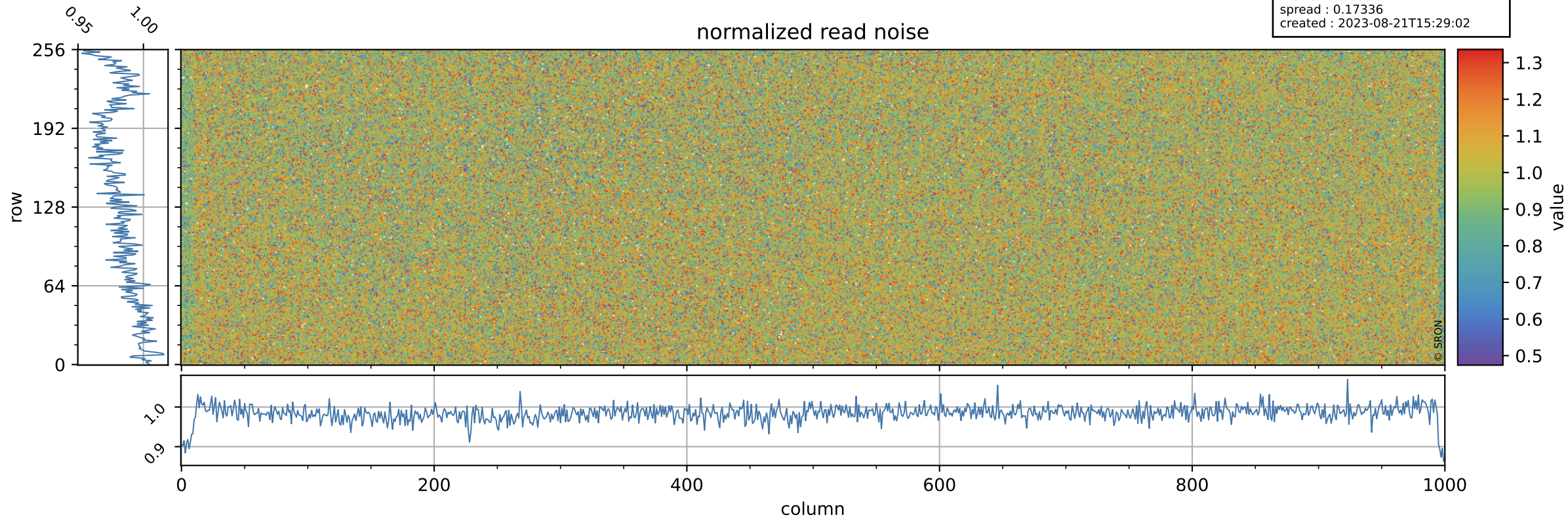
Tropomi SWIR background noise (swir)

orbits : 12 in [12952, 13042]
coverage : 2020-04-13 / 2020-04-19
median : 1.1292 e
spread : 0.064224 e
created : 2023-08-21T15:29:01



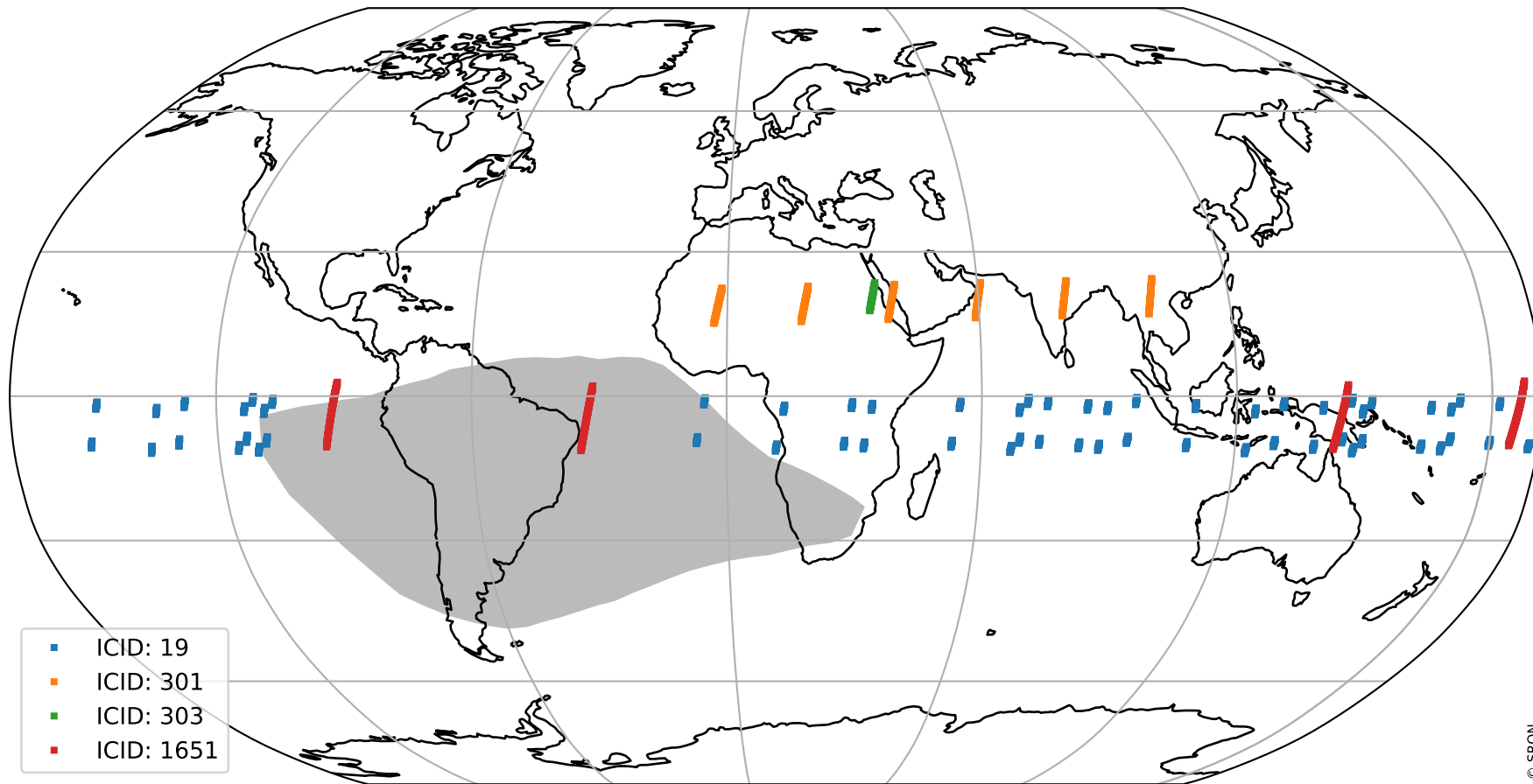
Tropomi SWIR background noise (swir)

orbits : 12 in [12952, 13042]
coverage : 2020-04-13 / 2020-04-19
median : 0.983
spread : 0.17336
created : 2023-08-21T15:29:02



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

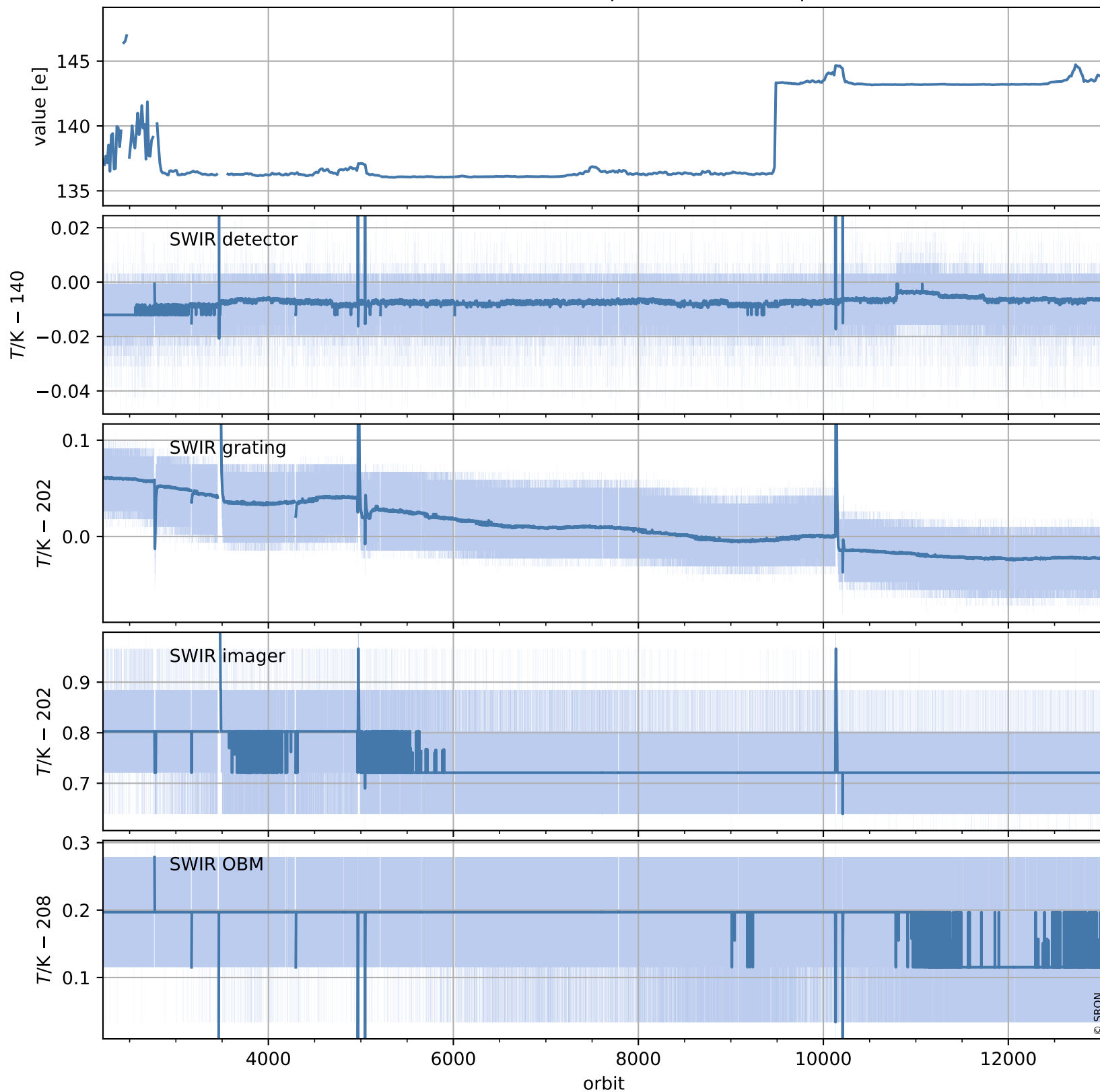
orbits : 12 in [12952, 13042]
coverage : 2020-04-13 / 2020-04-19
created : 2023-08-21T15:29:02



Tropomi SWIR background noise (swir)

orbits : [2212, 13042]
coverage : 2018-03-18 / 2020-04-19
created : 2023-08-21T15:29:02

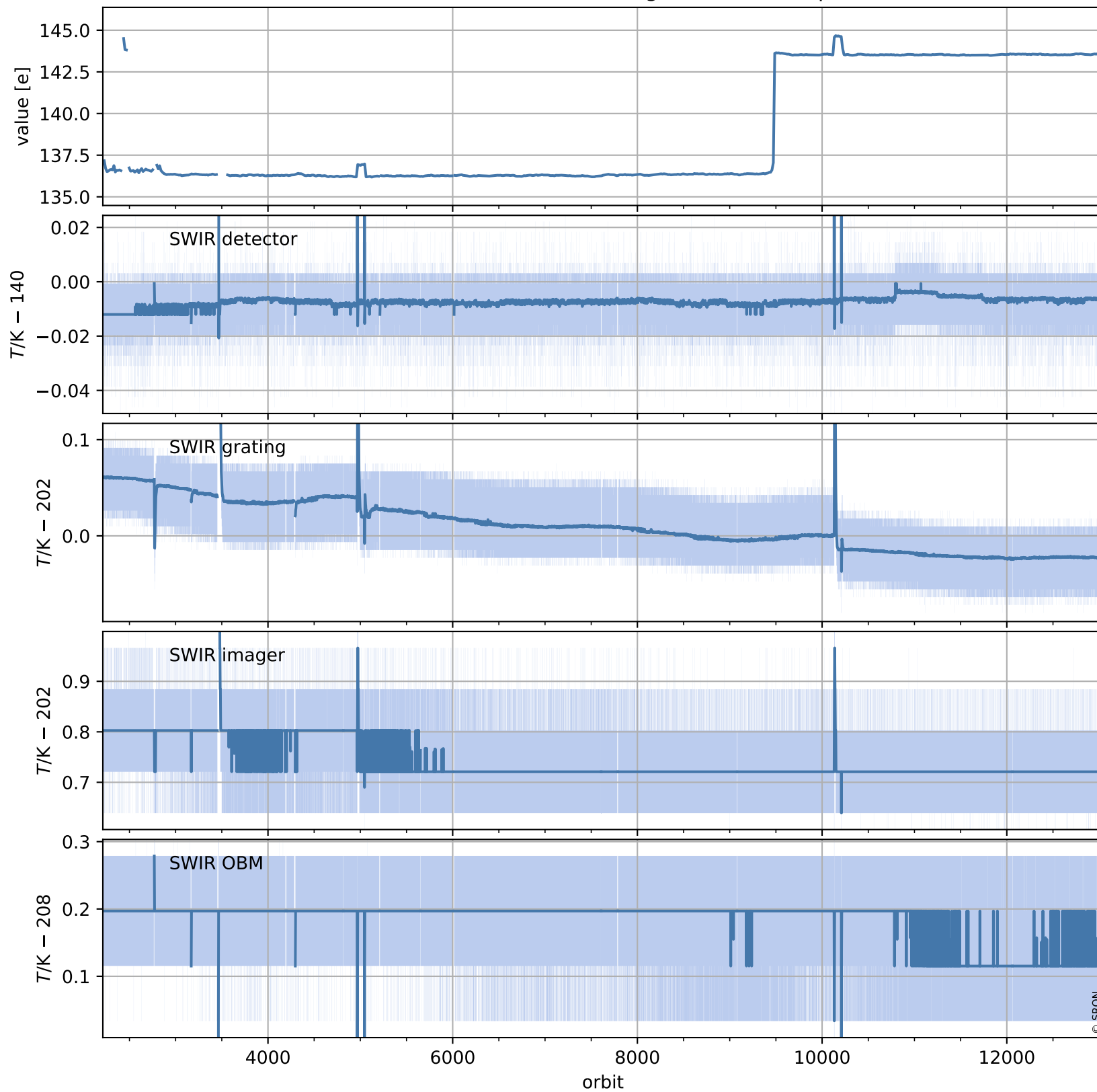
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13042]
coverage : 2018-03-18 / 2020-04-19
created : 2023-08-21T15:29:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13042]
coverage : 2018-03-18 / 2020-04-19
created : 2023-08-21T15:29:04

trend of normalized read-noise & temperatures

