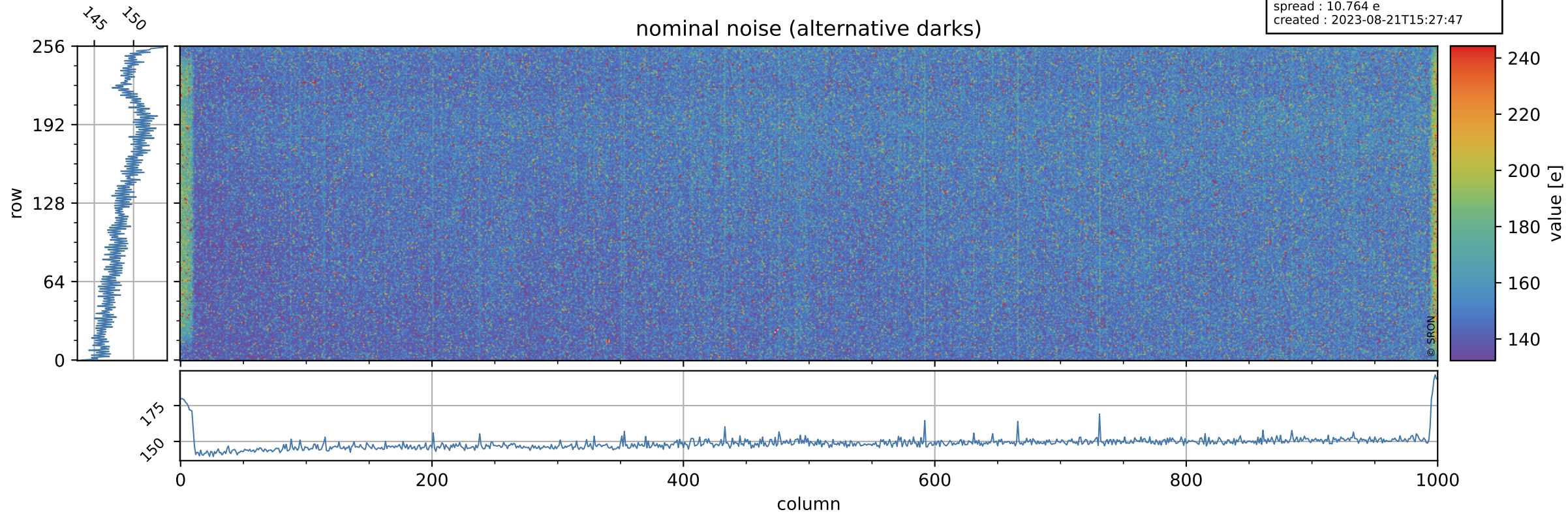


Tropomi SWIR background noise (swir)

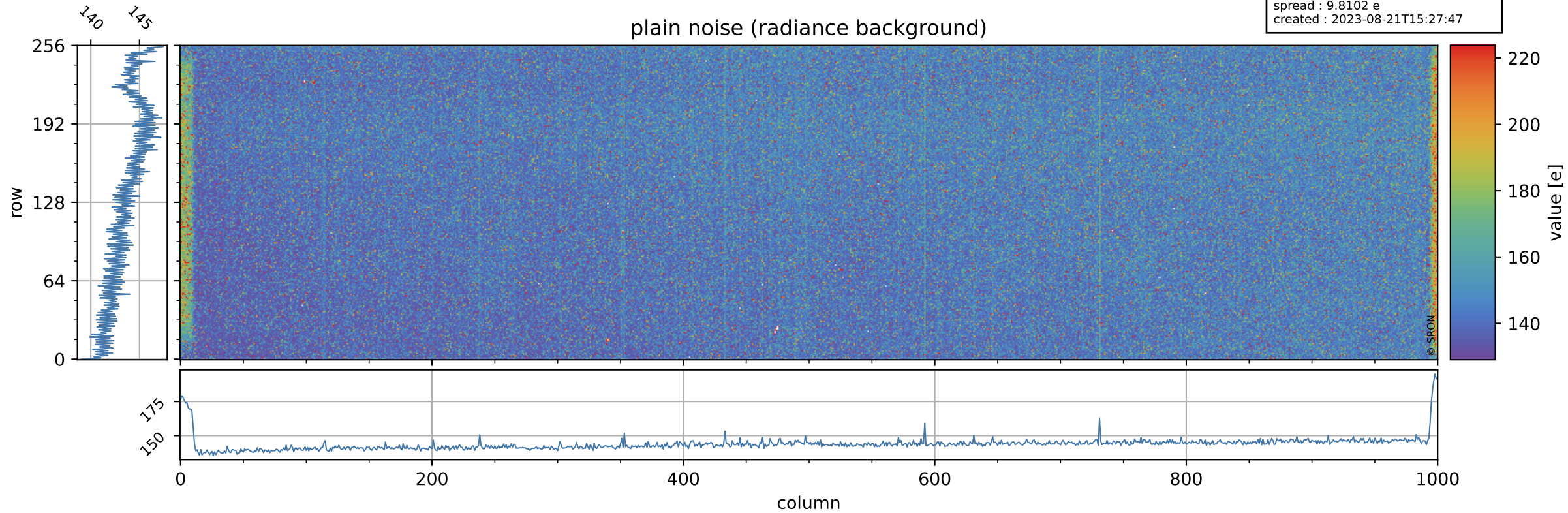
orbits : 12 in [12727, 12817]
coverage : 2020-03-28 / 2020-04-03
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.764 e
created : 2023-08-21T15:27:47



Tropomi SWIR background noise (swir)

orbits : 12 in [12727, 12817]
coverage : 2020-03-28 / 2020-04-03
n_coad, t_exp : 1, 0.8383
median : 143.57 e
spread : 9.8102 e
created : 2023-08-21T15:27:47

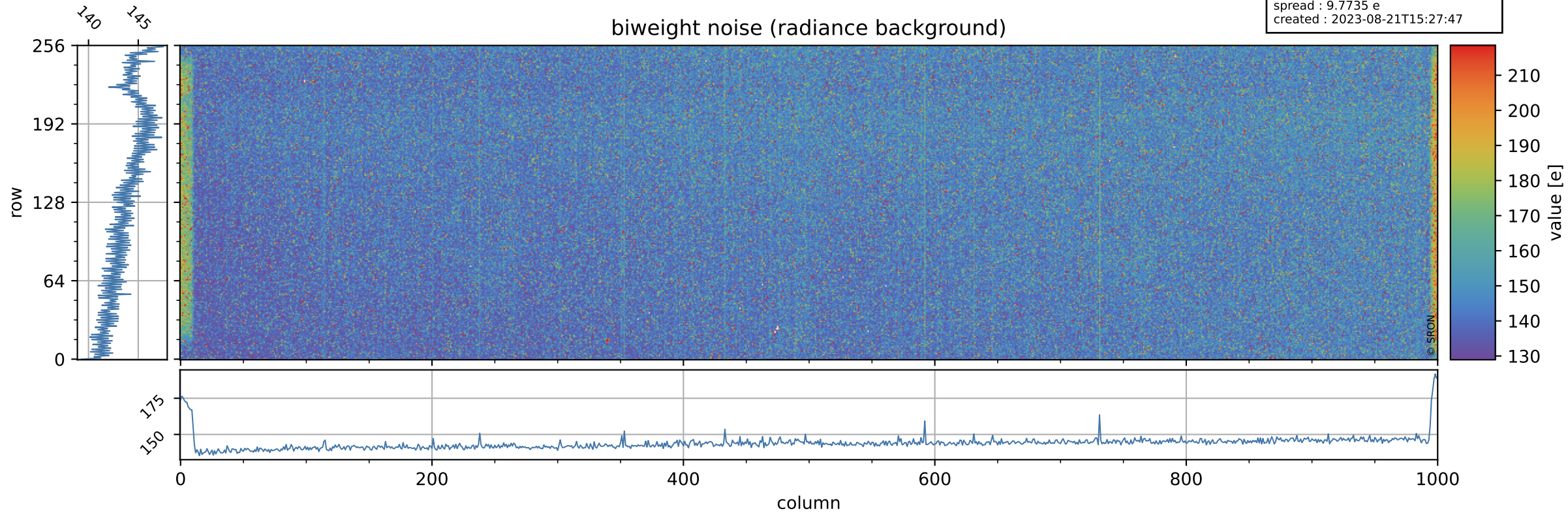
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12727, 12817]
coverage : 2020-03-28 / 2020-04-03
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.7735 e
created : 2023-08-21T15:27:47

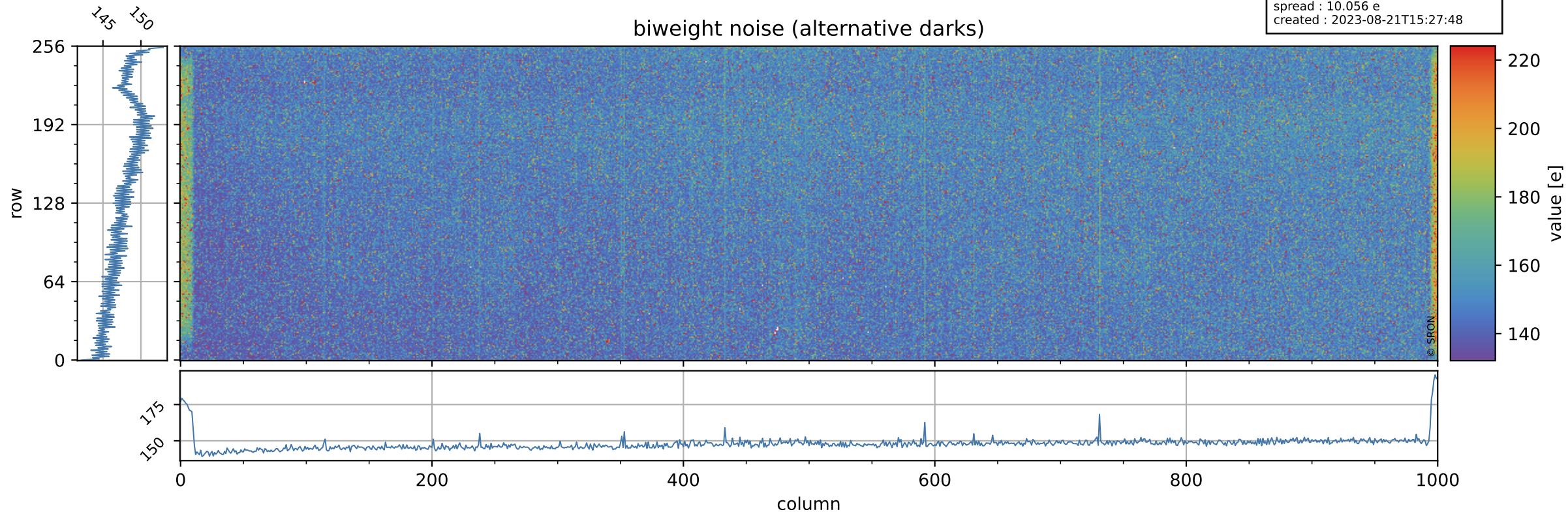
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12727, 12817]
coverage : 2020-03-28 / 2020-04-03
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.056 e
created : 2023-08-21T15:27:48

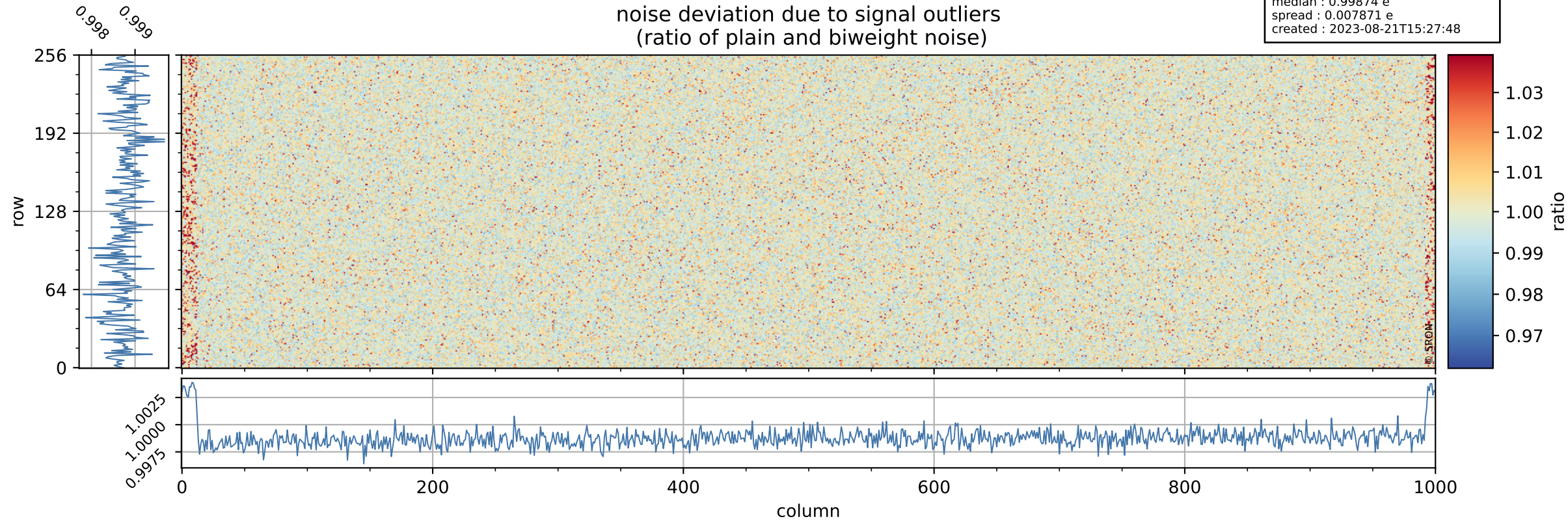
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

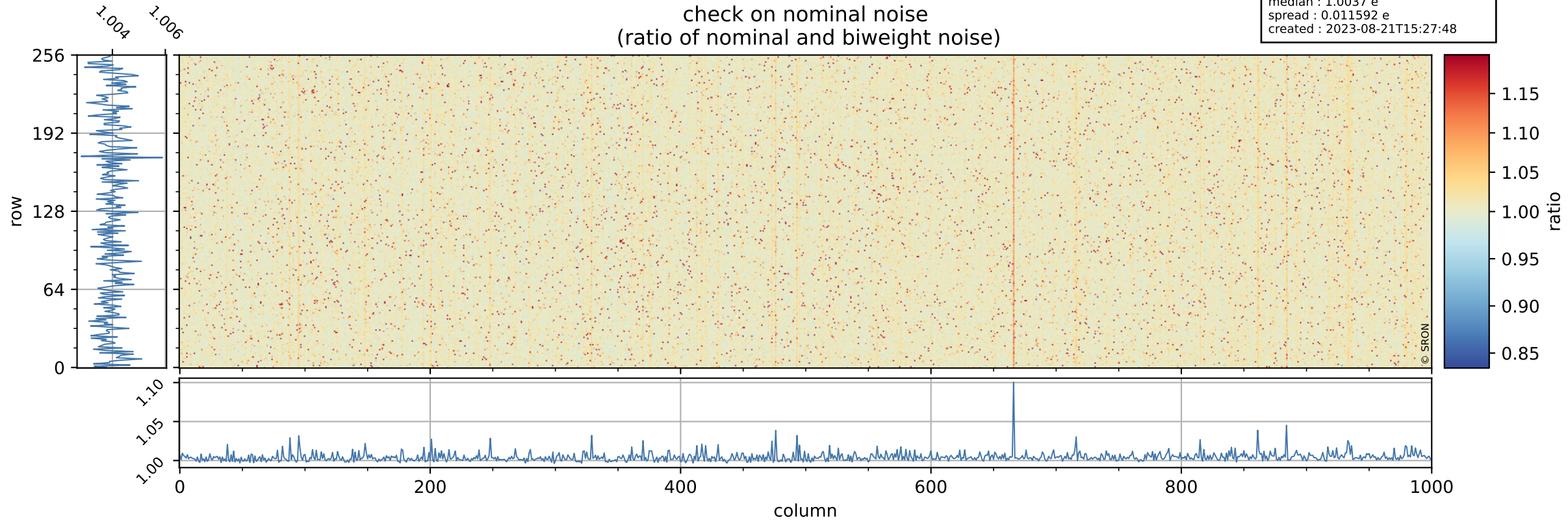
orbits : 12 in [12727, 12817]
coverage : 2020-03-28 / 2020-04-03
median : 0.99874 e
spread : 0.007871 e
created : 2023-08-21T15:27:48



Tropomi SWIR background noise (swir)

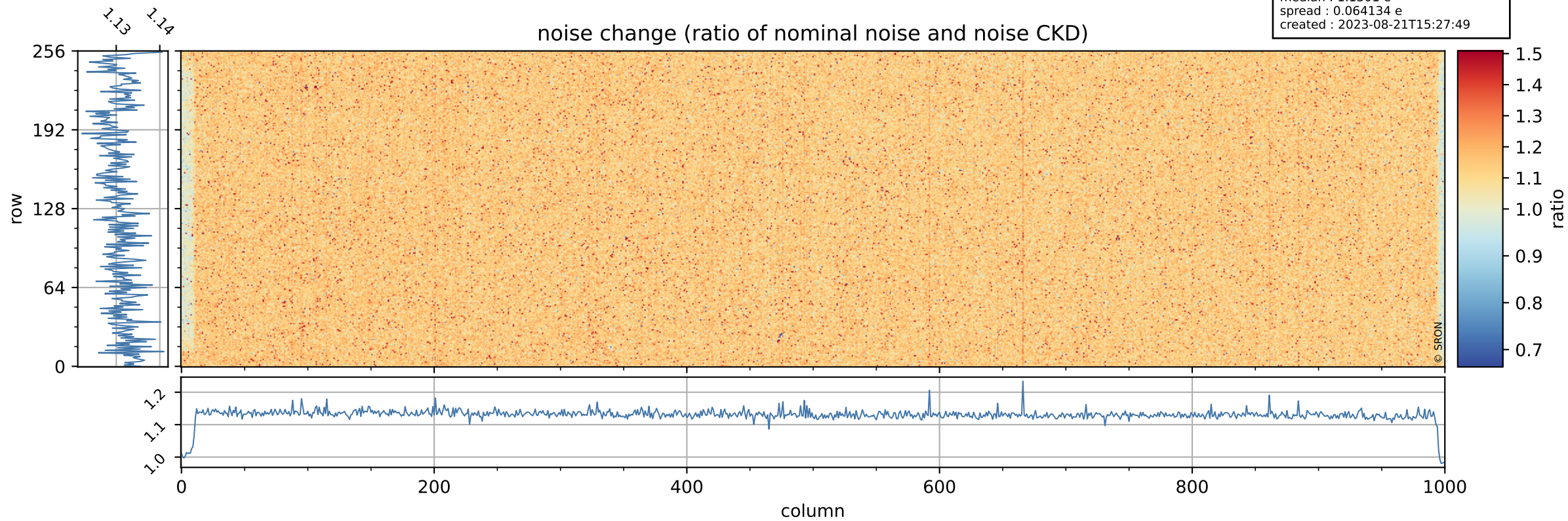
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12727, 12817]
coverage : 2020-03-28 / 2020-04-03
median : 1.0037 e
spread : 0.011592 e
created : 2023-08-21T15:27:48



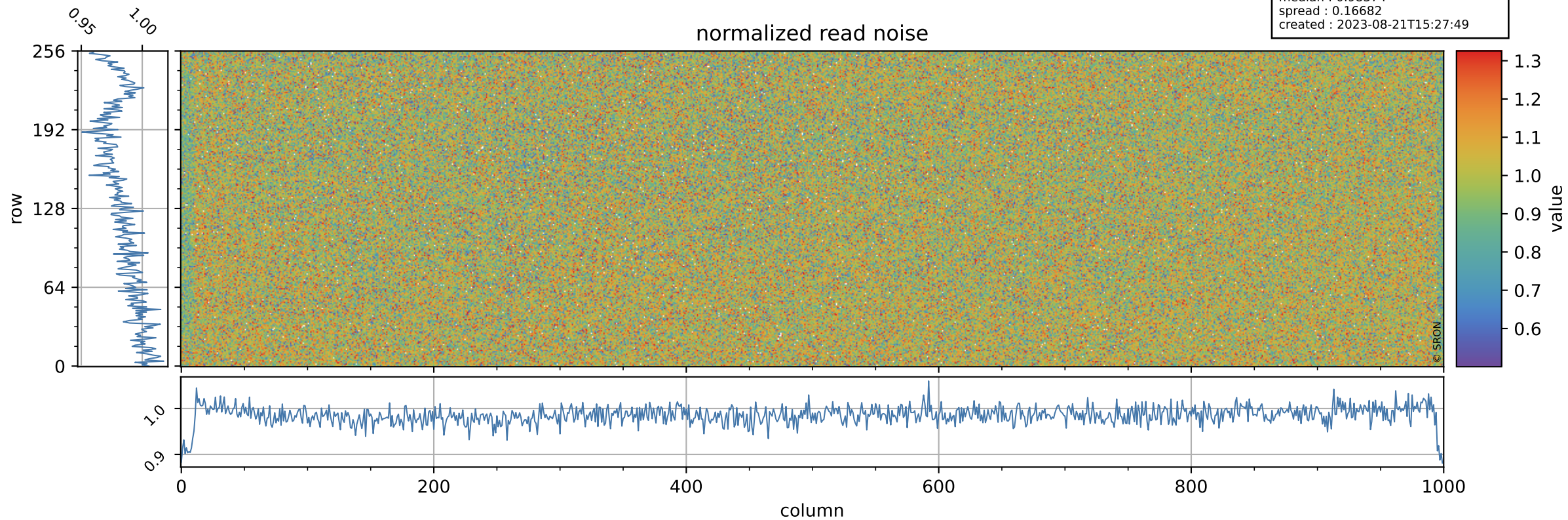
Tropomi SWIR background noise (swir)

orbits : 12 in [12727, 12817]
coverage : 2020-03-28 / 2020-04-03
median : 1.1301 e
spread : 0.064134 e
created : 2023-08-21T15:27:49



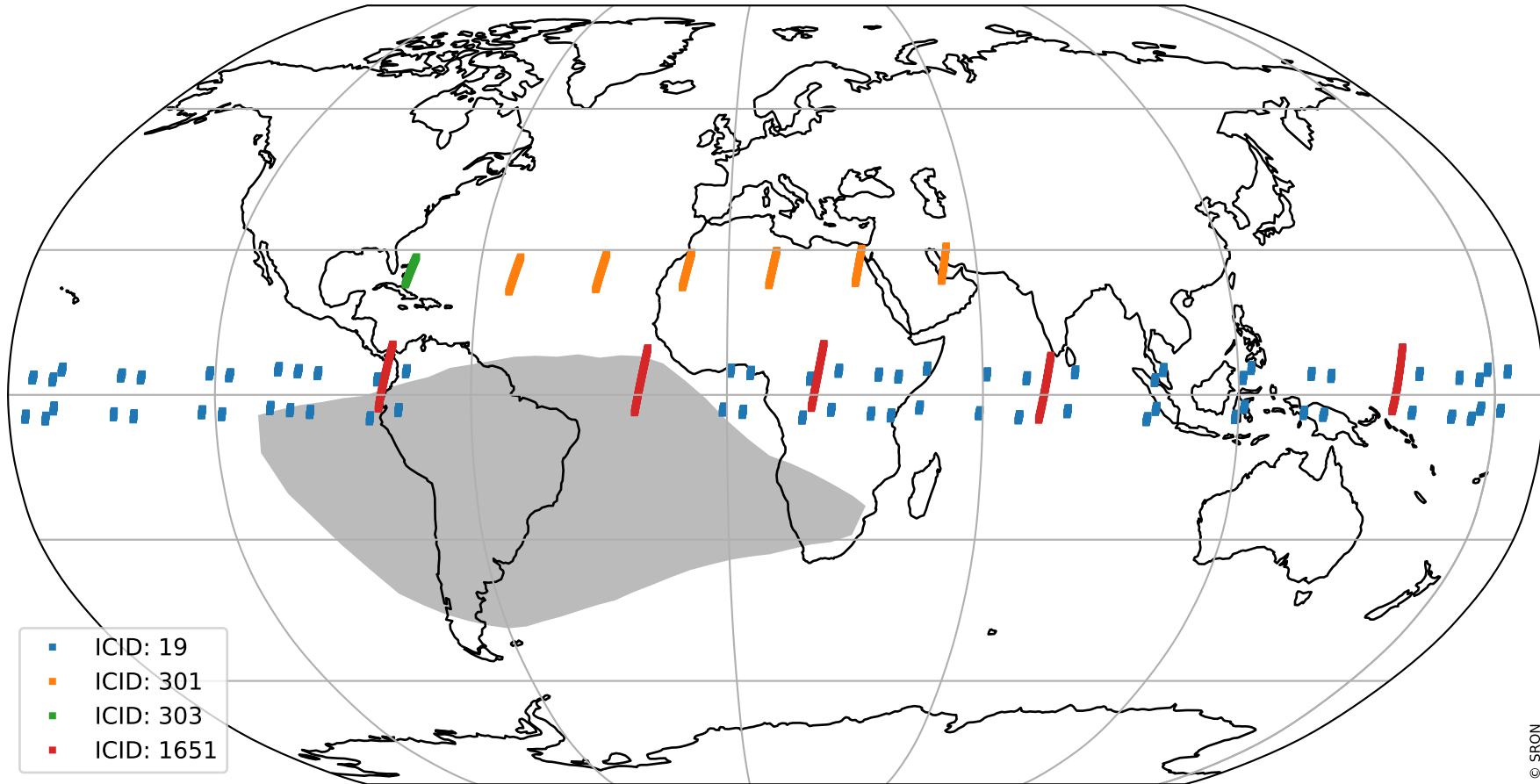
Tropomi SWIR background noise (swir)

orbits : 12 in [12727, 12817]
coverage : 2020-03-28 / 2020-04-03
median : 0.98374
spread : 0.16682
created : 2023-08-21T15:27:49



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

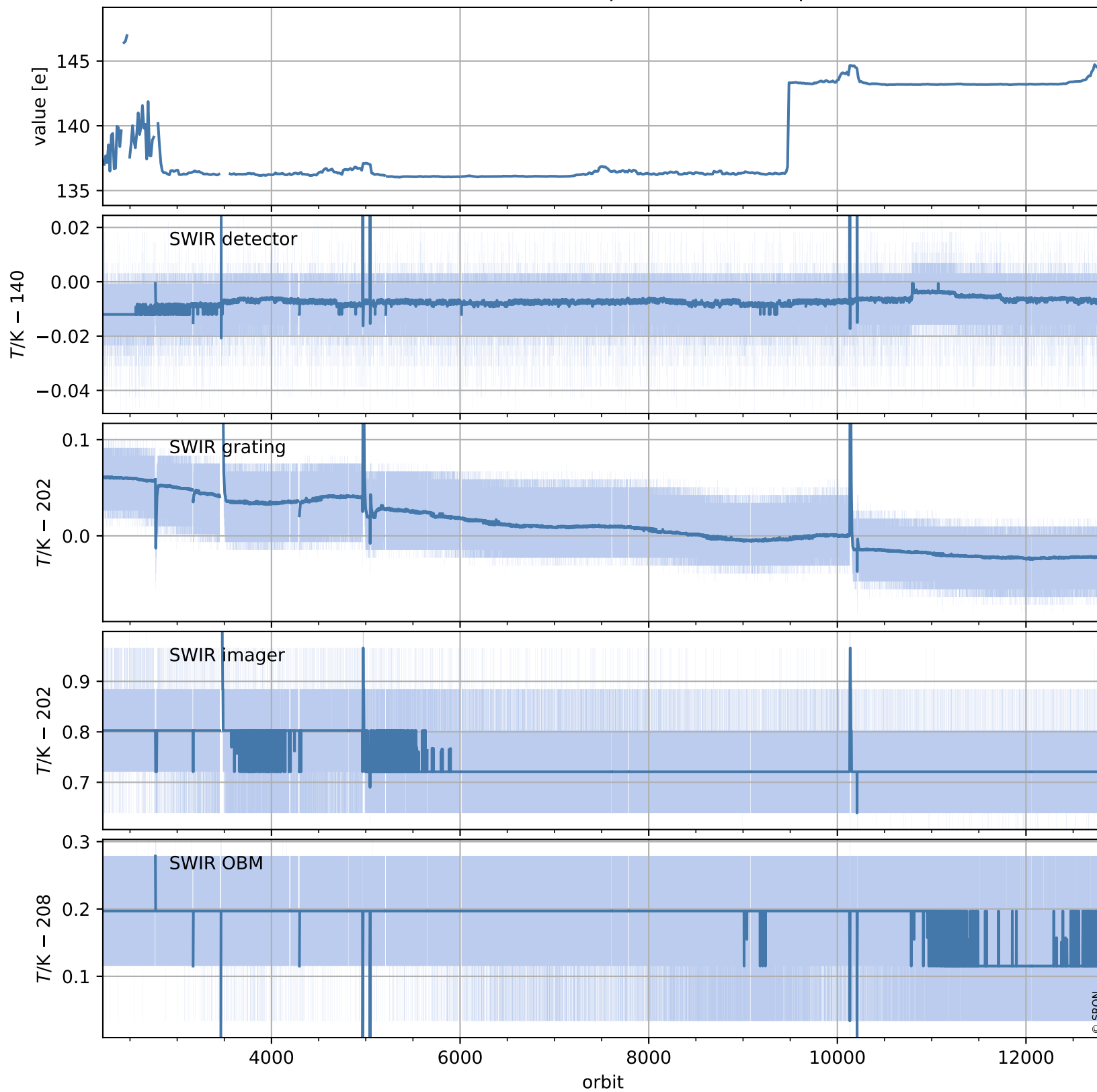
orbits : 12 in [12727, 12817]
coverage : 2020-03-28 / 2020-04-03
created : 2023-08-21T15:27:49



Tropomi SWIR background noise (swir)

orbits : [2212, 12817]
coverage : 2018-03-18 / 2020-04-03
created : 2023-08-21T15:27:49

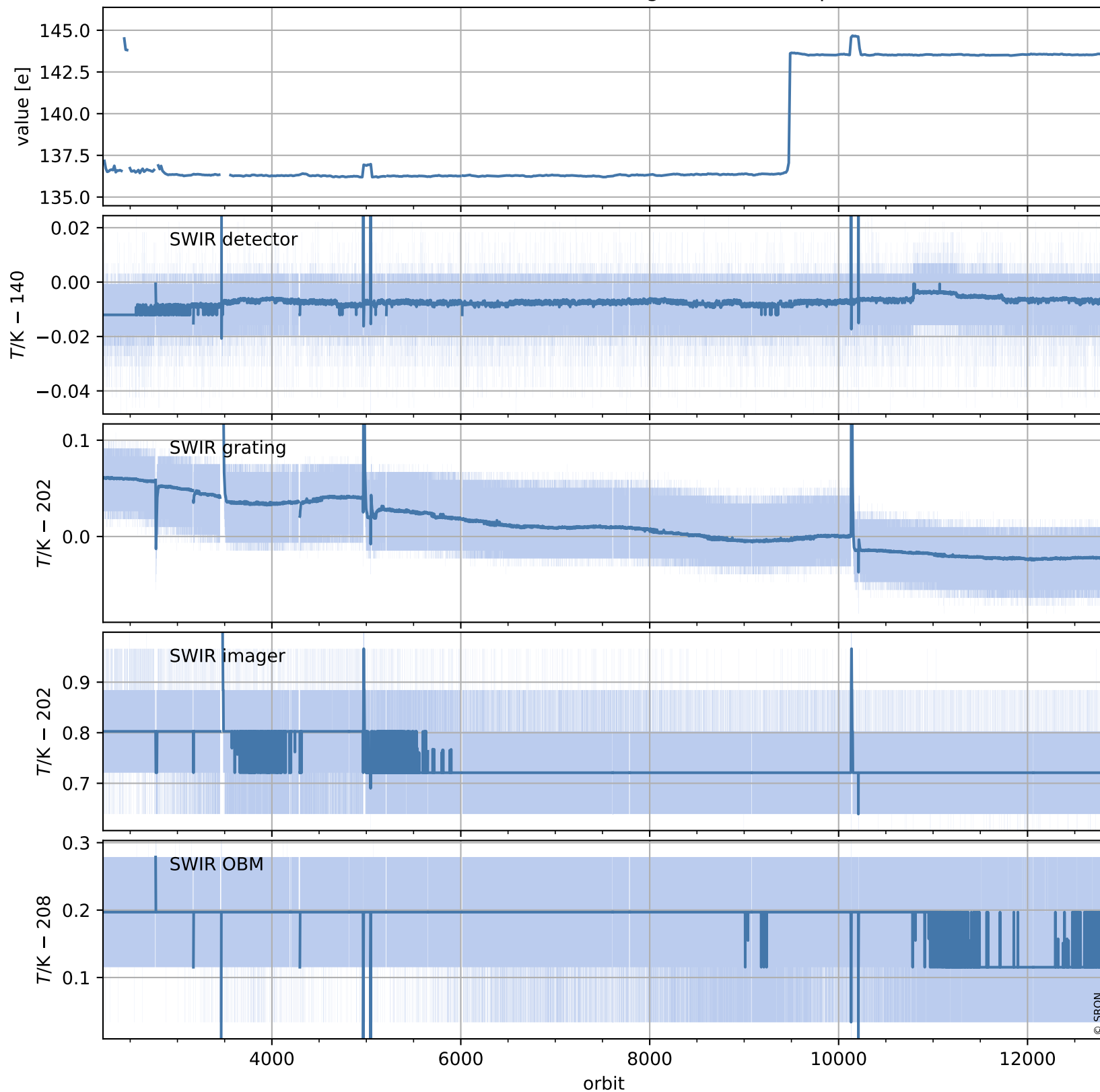
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12817]
coverage : 2018-03-18 / 2020-04-03
created : 2023-08-21T15:27:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12817]
coverage : 2018-03-18 / 2020-04-03
created : 2023-08-21T15:27:51

trend of normalized read-noise & temperatures

