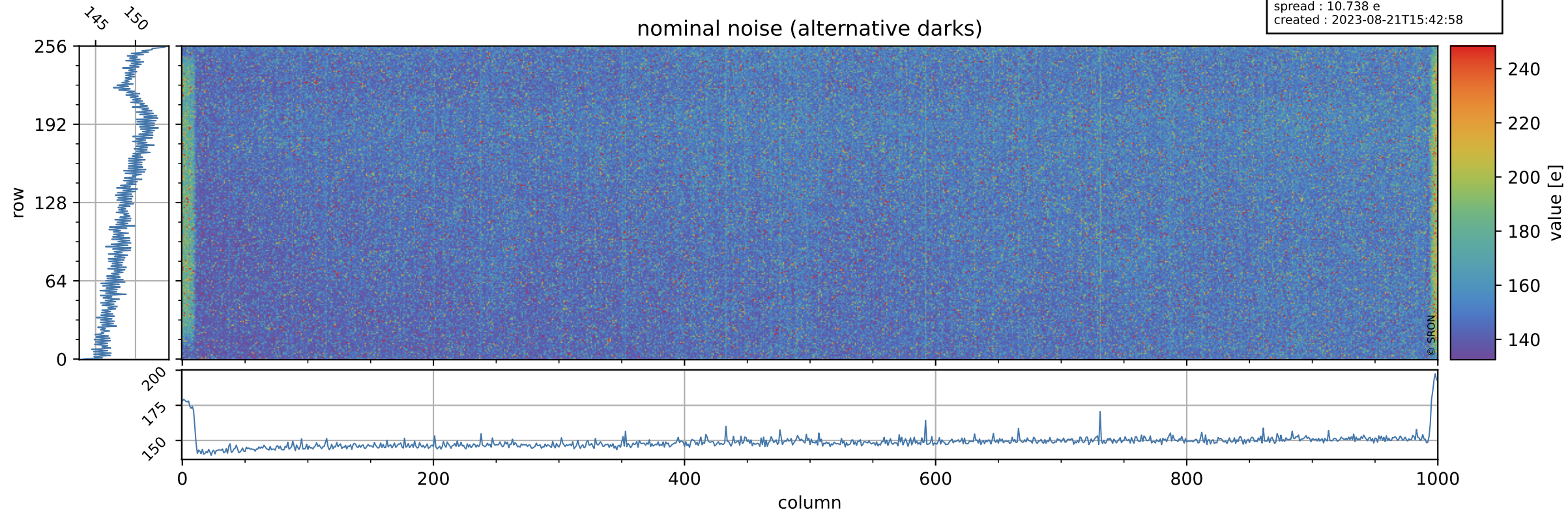


Tropomi SWIR background noise (swir)

orbits : 12 in [15517, 15607]
coverage : 2020-10-11 / 2020-10-17
n_coad, t_exp : 1, 1.0783
median : 148.68 e
spread : 10.738 e
created : 2023-08-21T15:42:58

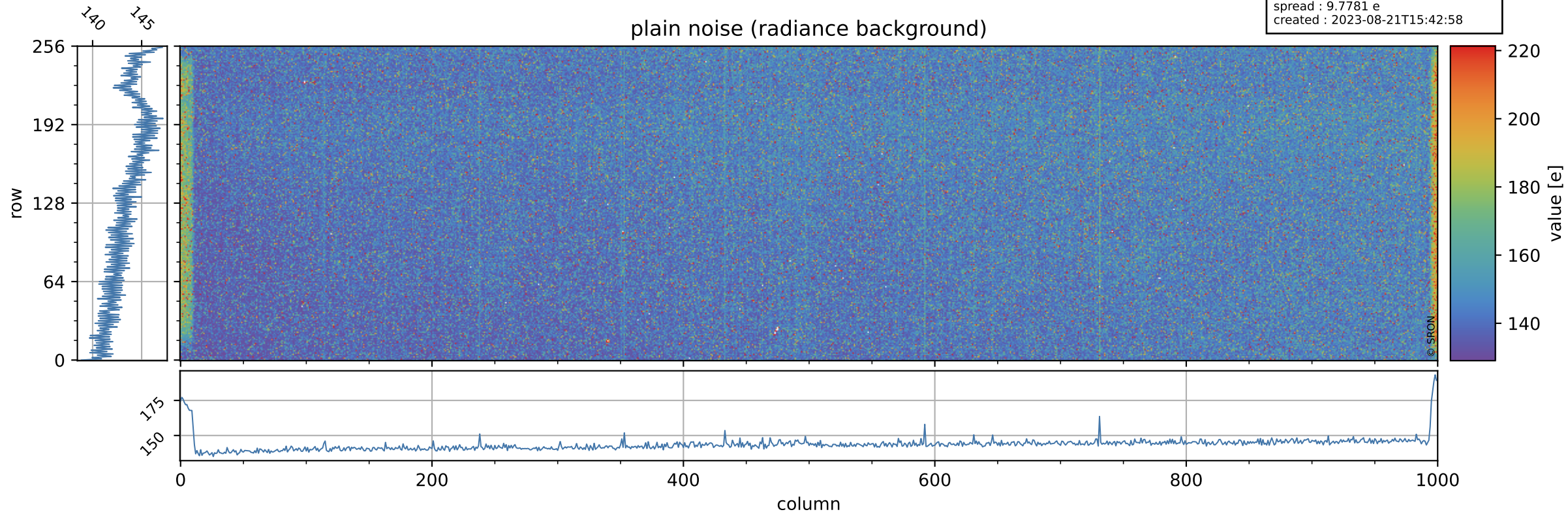
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15517, 15607]
coverage : 2020-10-11 / 2020-10-17
n_coad, t_exp : 1, 0.8383
median : 143.4 e
spread : 9.7781 e
created : 2023-08-21T15:42:58

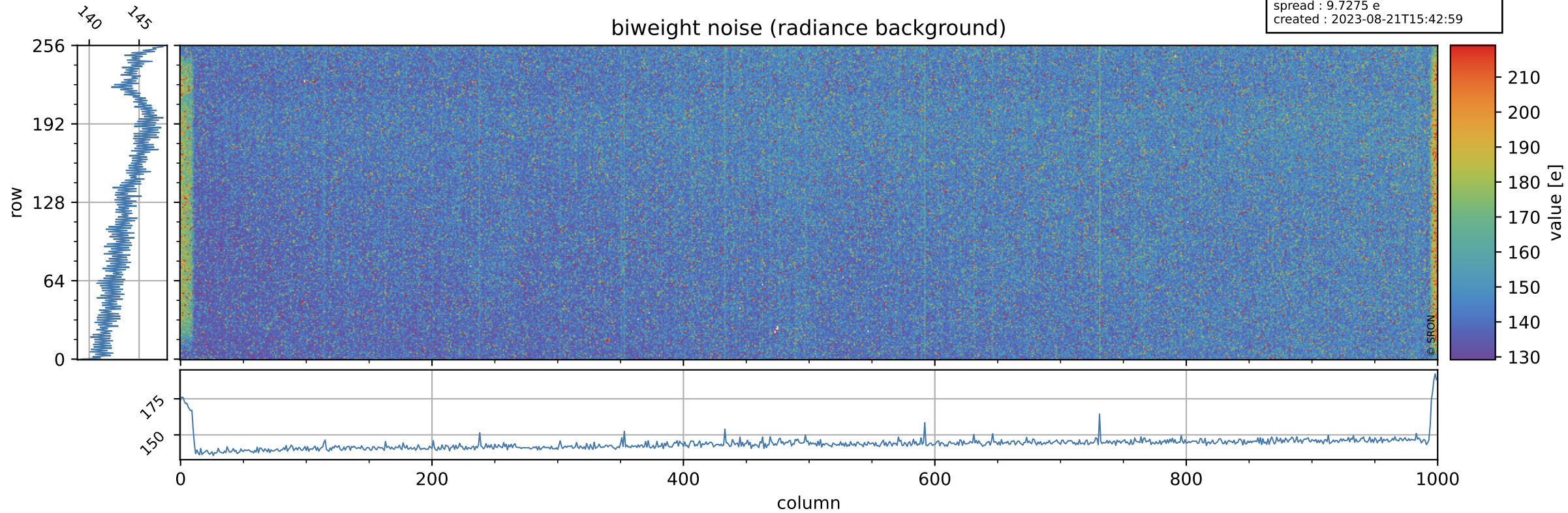
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15517, 15607]
coverage : 2020-10-11 / 2020-10-17
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.7275 e
created : 2023-08-21T15:42:59

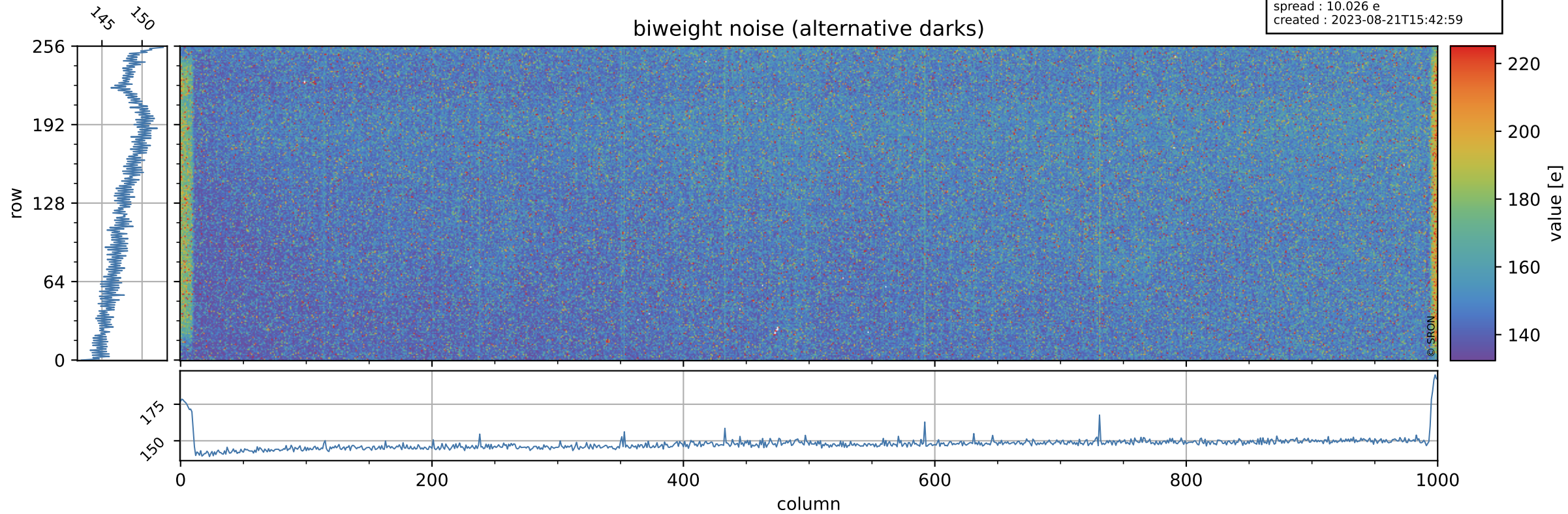
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15517, 15607]
coverage : 2020-10-11 / 2020-10-17
n_coad, t_exp : 1, 1.0783
median : 147.69 e
spread : 10.026 e
created : 2023-08-21T15:42:59

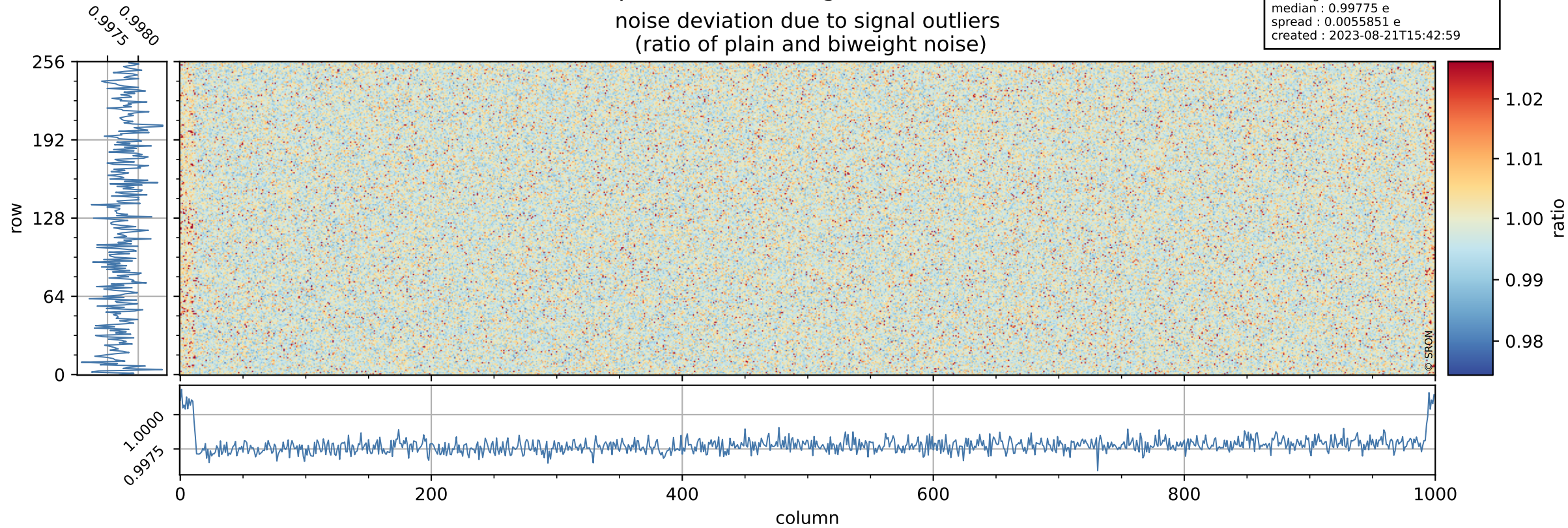
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

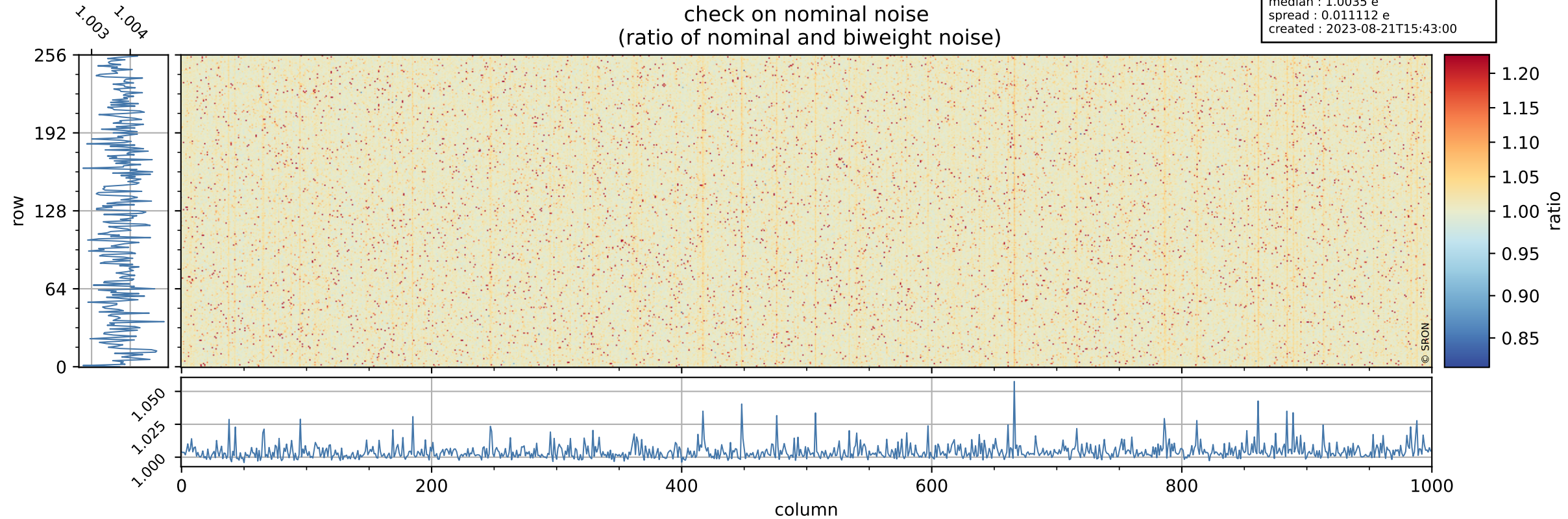
orbits : 12 in [15517, 15607]
coverage : 2020-10-11 / 2020-10-17
median : 0.99775 e
spread : 0.0055851 e
created : 2023-08-21T15:42:59



Tropomi SWIR background noise (swir)

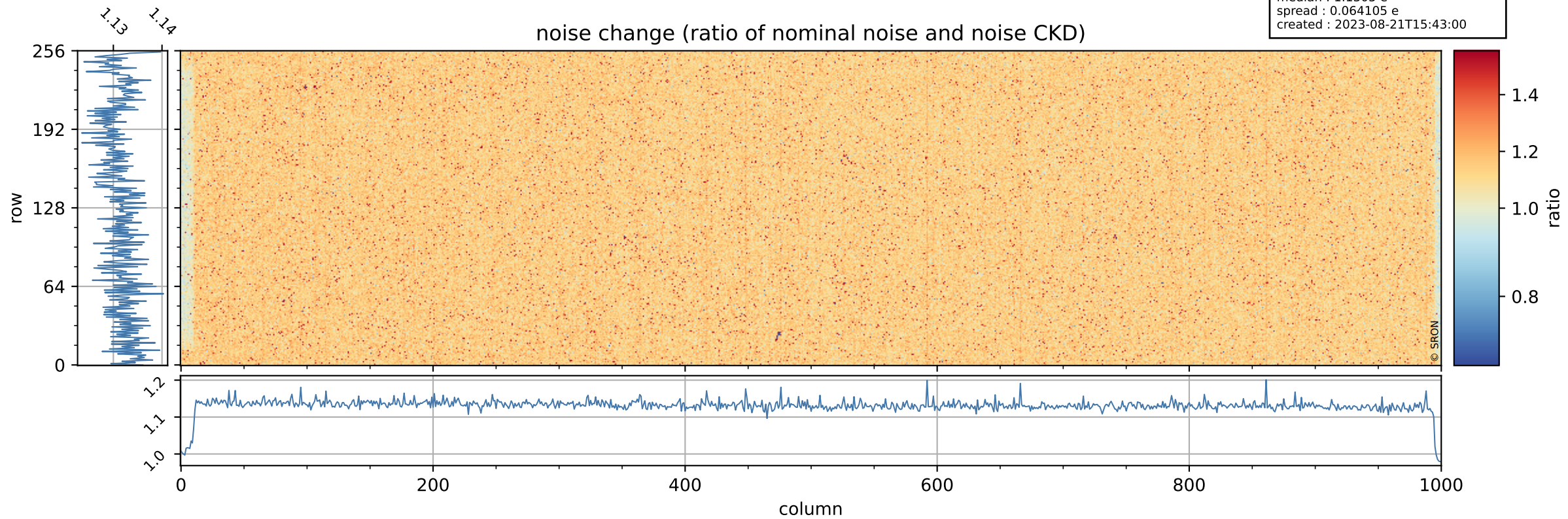
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15517, 15607]
coverage : 2020-10-11 / 2020-10-17
median : 1.0035 e
spread : 0.011112 e
created : 2023-08-21T15:43:00



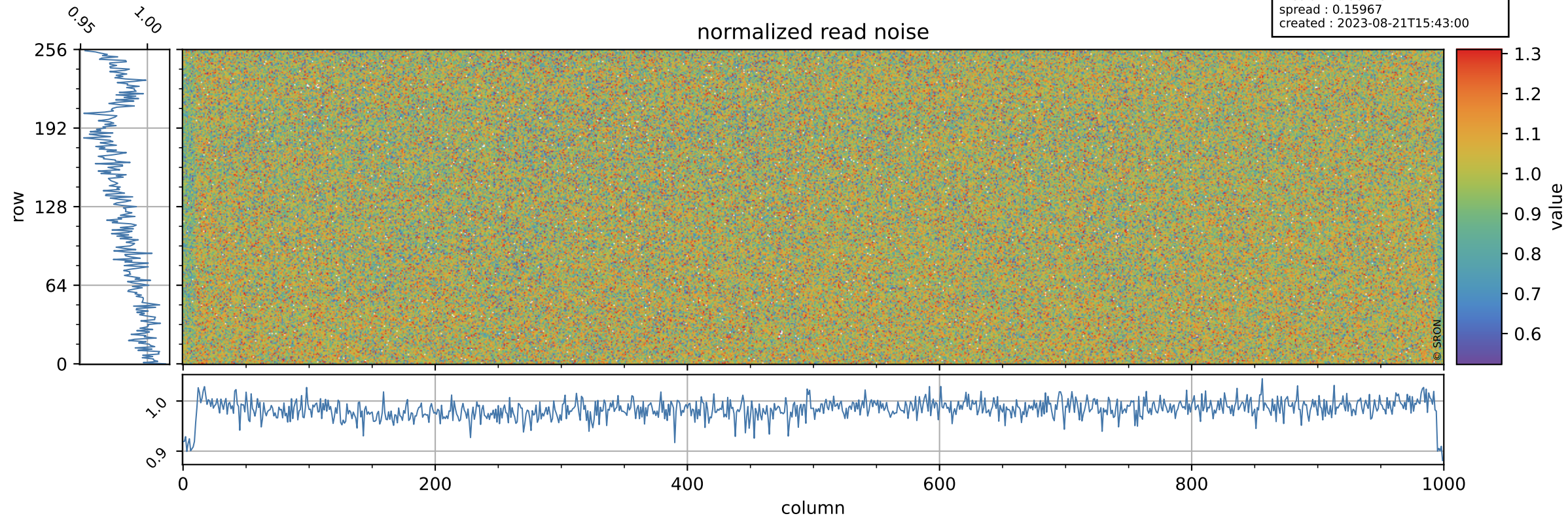
Tropomi SWIR background noise (swir)

orbits : 12 in [15517, 15607]
coverage : 2020-10-11 / 2020-10-17
median : 1.1305 e
spread : 0.064105 e
created : 2023-08-21T15:43:00



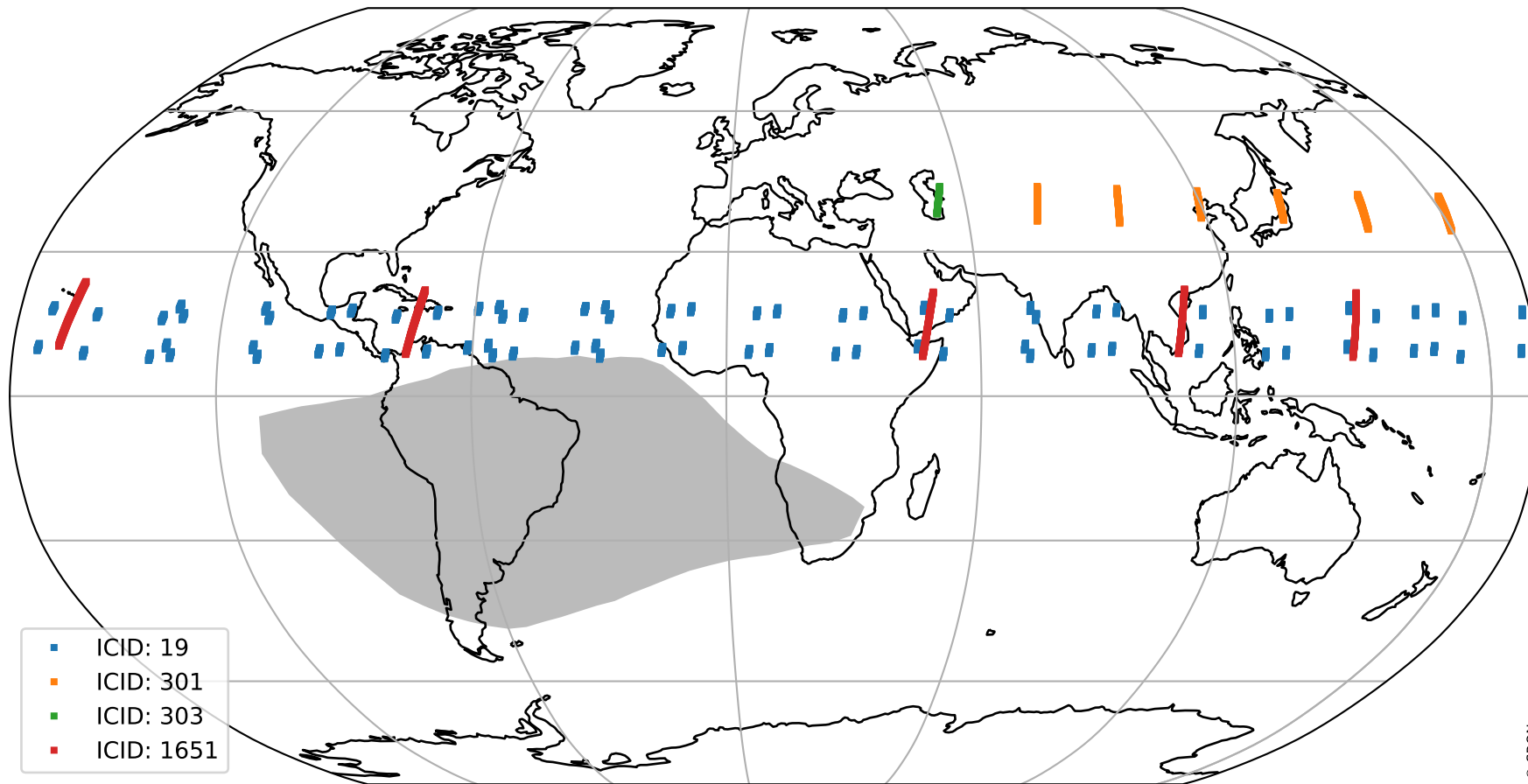
Tropomi SWIR background noise (swir)

orbits : 12 in [15517, 15607]
coverage : 2020-10-11 / 2020-10-17
median : 0.98218
spread : 0.15967
created : 2023-08-21T15:43:00



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

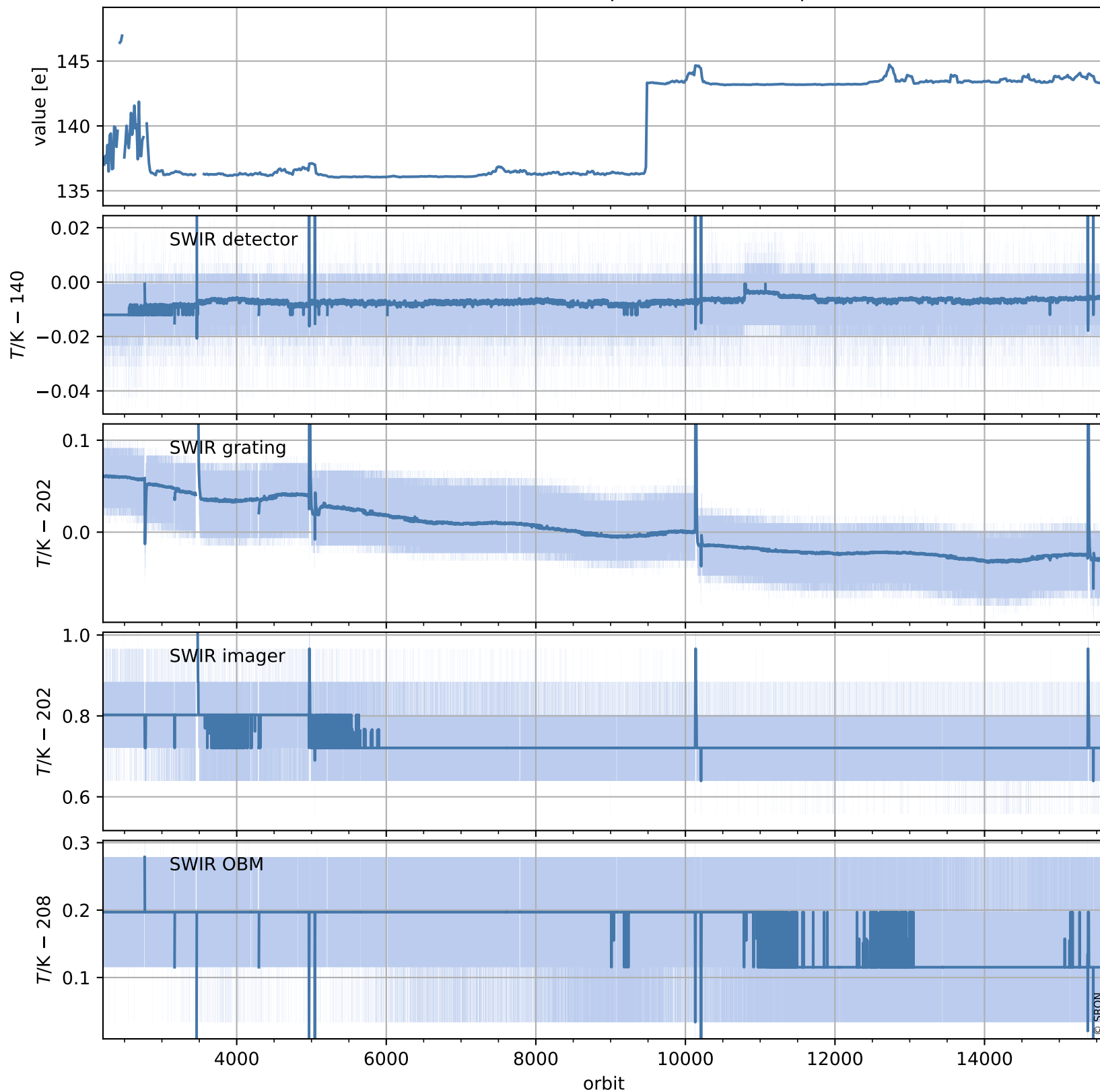
orbits : 12 in [15517, 15607]
coverage : 2020-10-11 / 2020-10-17
created : 2023-08-21T15:43:00



Tropomi SWIR background noise (swir)

orbits : [2212, 15607]
coverage : 2018-03-18 / 2020-10-17
created : 2023-08-21T15:43:01

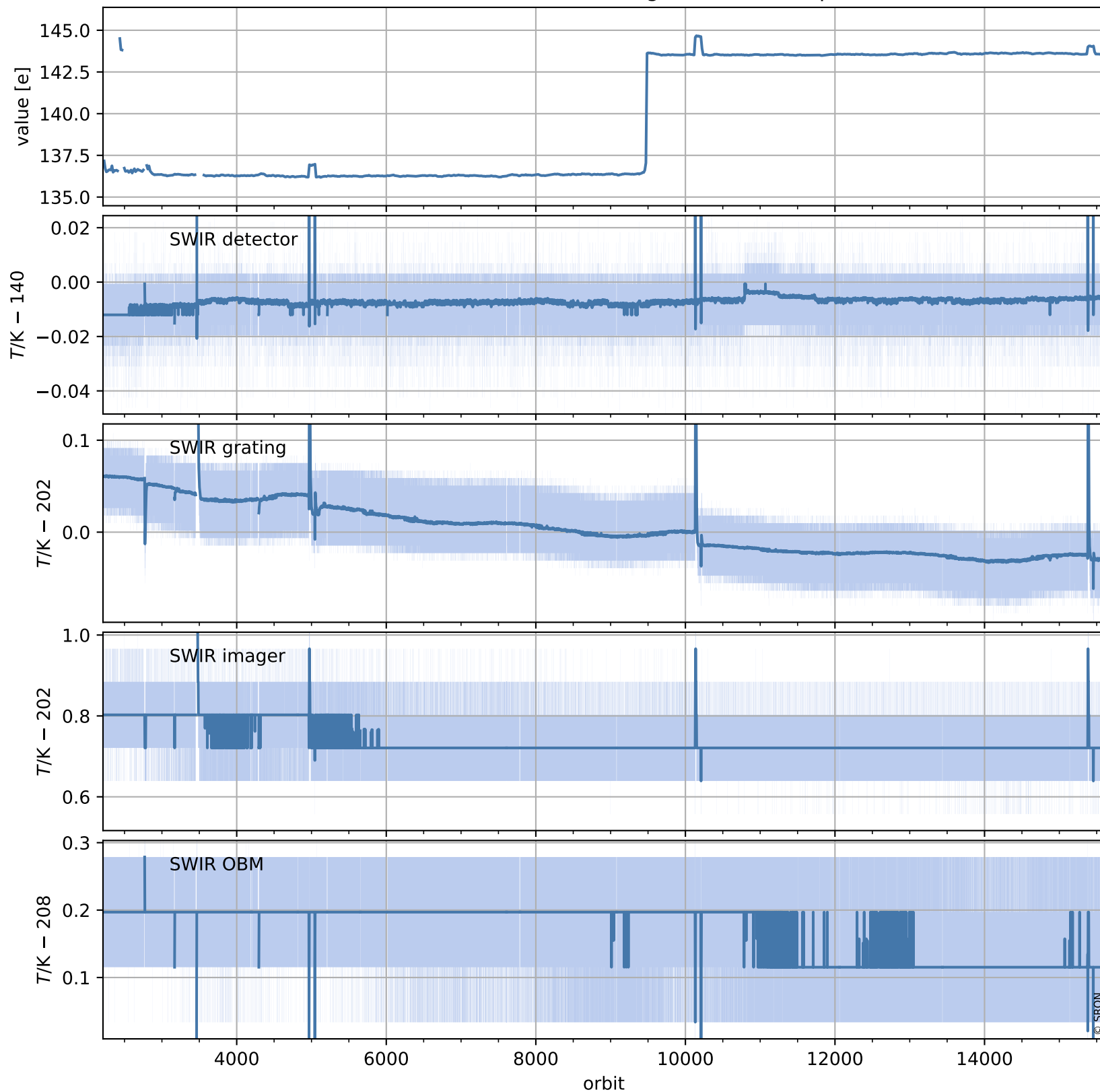
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15607]
coverage : 2018-03-18 / 2020-10-17
created : 2023-08-21T15:43:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15607]
coverage : 2018-03-18 / 2020-10-17
created : 2023-08-21T15:43:02

trend of normalized read-noise & temperatures

