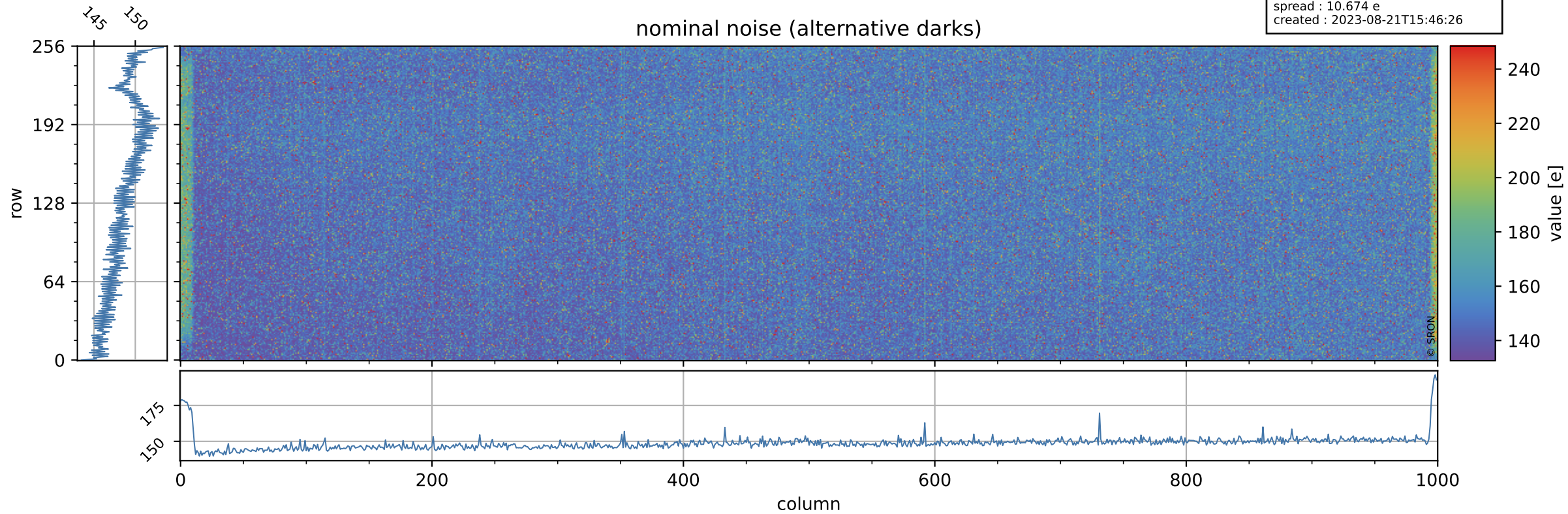


Tropomi SWIR background noise (swir)

orbits : 13 in [16147, 16222]
coverage : 2020-11-23 / 2020-11-29
n_coad, t_exp : 1, 1.0783
median : 148.55 e
spread : 10.674 e
created : 2023-08-21T15:46:26

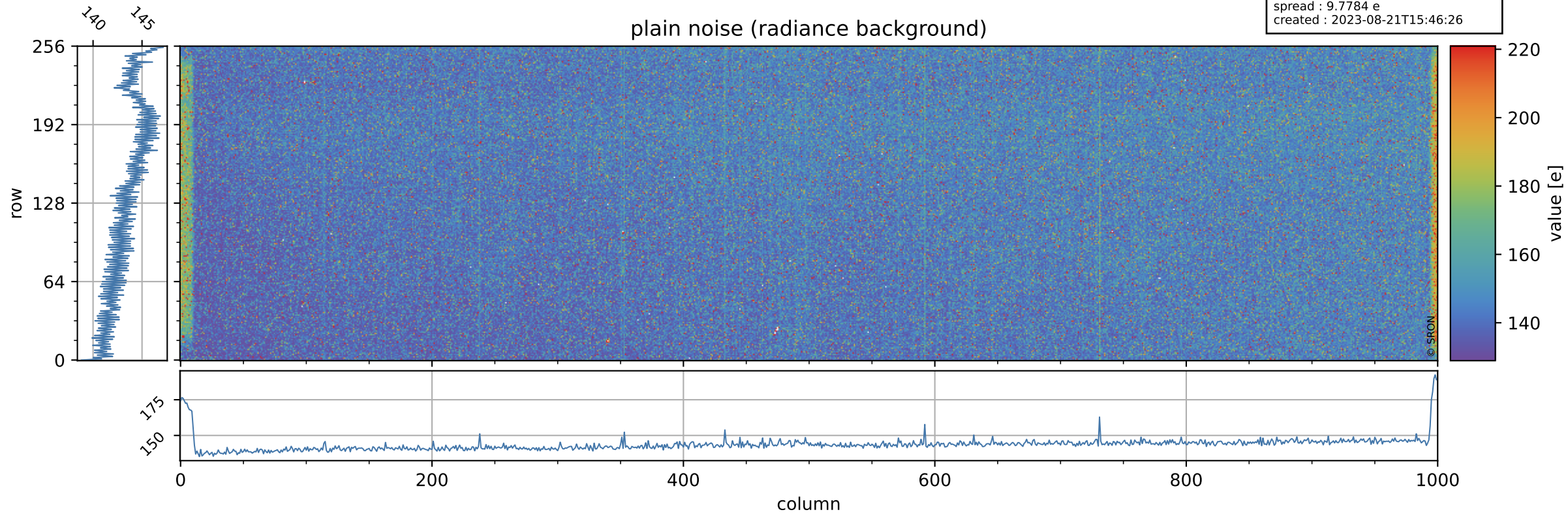
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [16147, 16222]
coverage : 2020-11-23 / 2020-11-29
n_coad, t_exp : 1, 0.8383
median : 143.4 e
spread : 9.7784 e
created : 2023-08-21T15:46:26

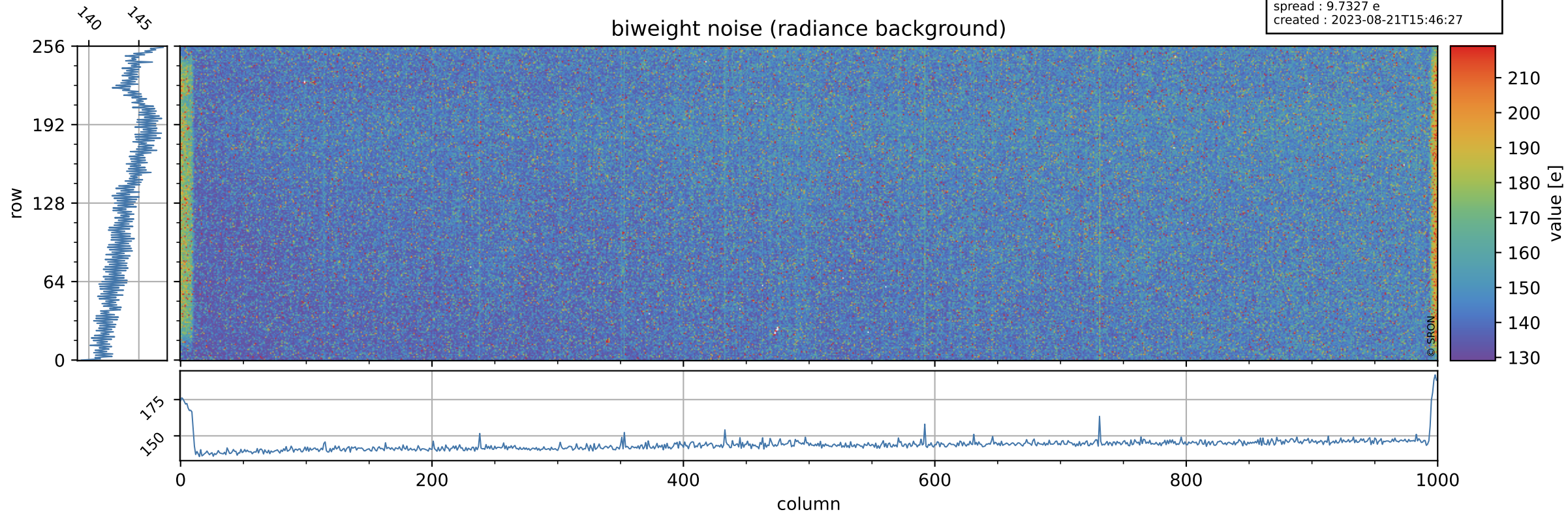
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16147, 16222]
coverage : 2020-11-23 / 2020-11-29
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.7327 e
created : 2023-08-21T15:46:27

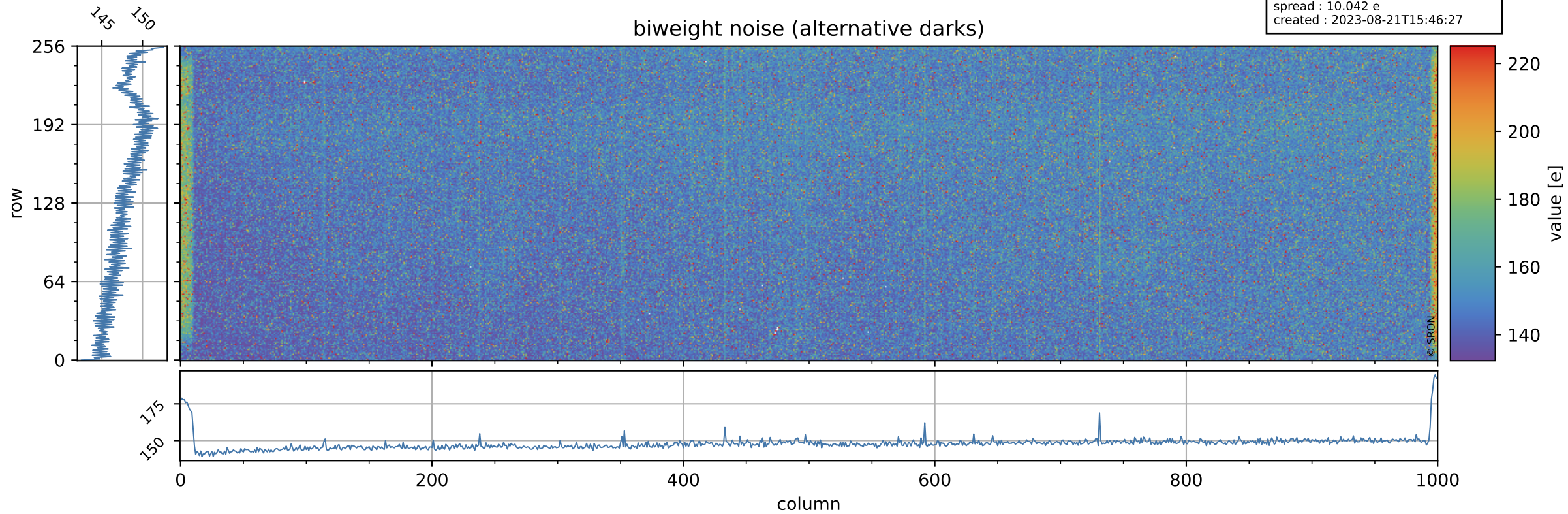
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16147, 16222]
coverage : 2020-11-23 / 2020-11-29
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.042 e
created : 2023-08-21T15:46:27

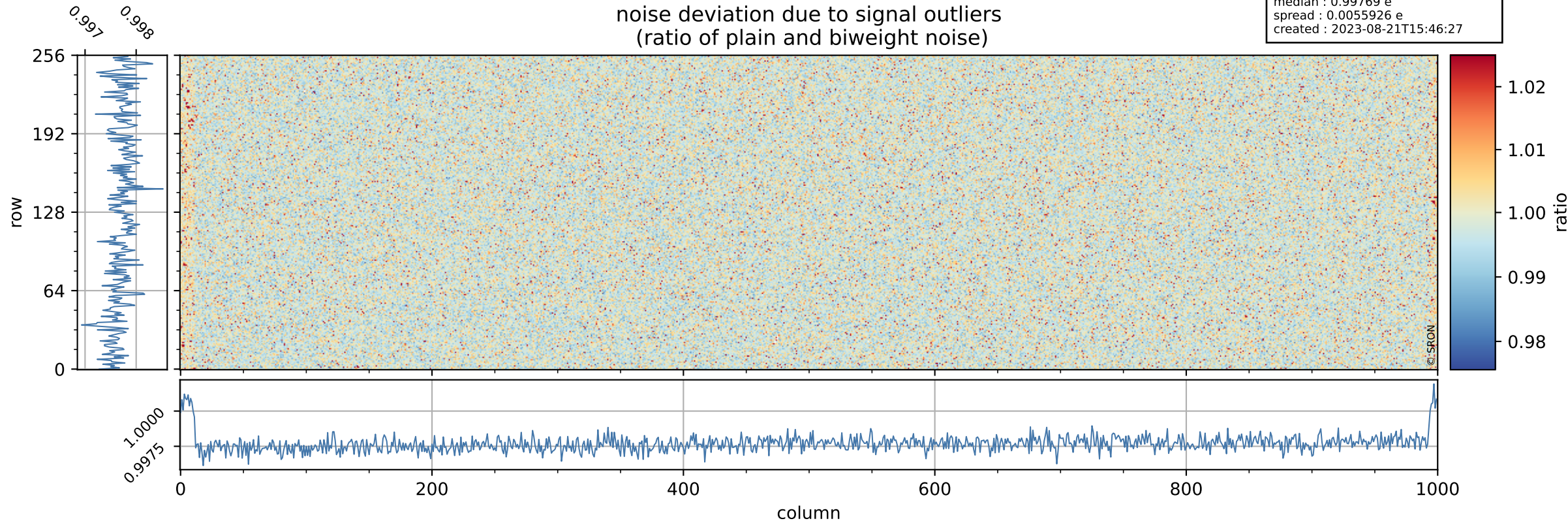
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

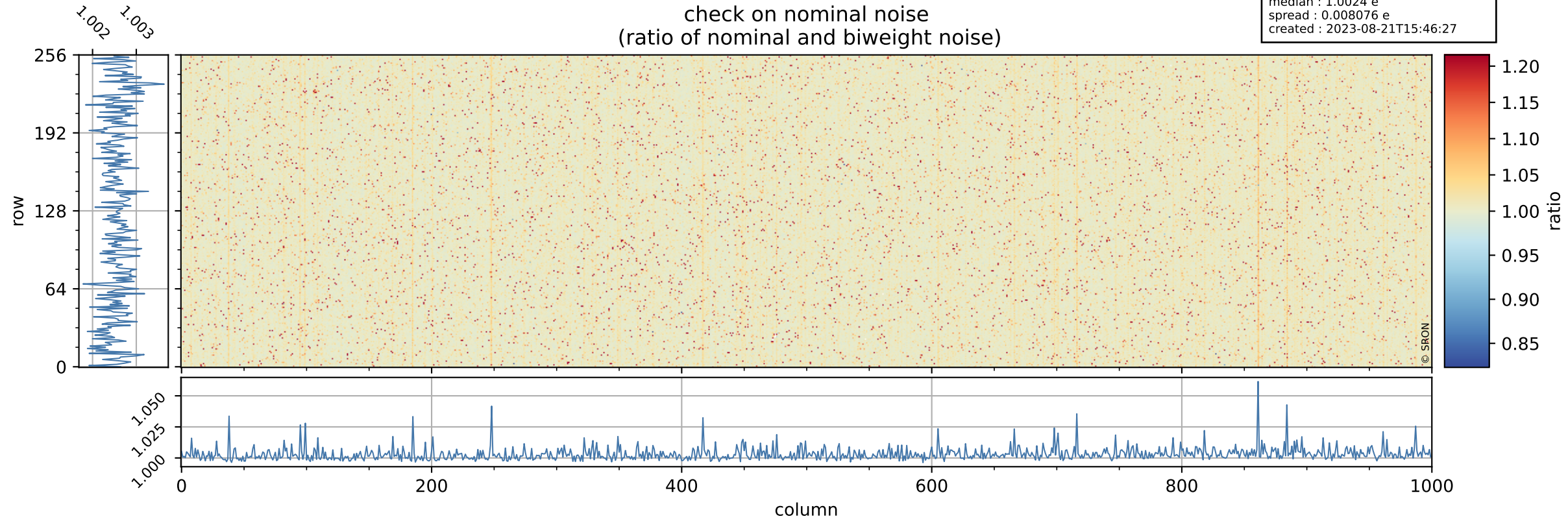
orbits : 13 in [16147, 16222]
coverage : 2020-11-23 / 2020-11-29
median : 0.99769 e
spread : 0.0055926 e
created : 2023-08-21T15:46:27



Tropomi SWIR background noise (swir)

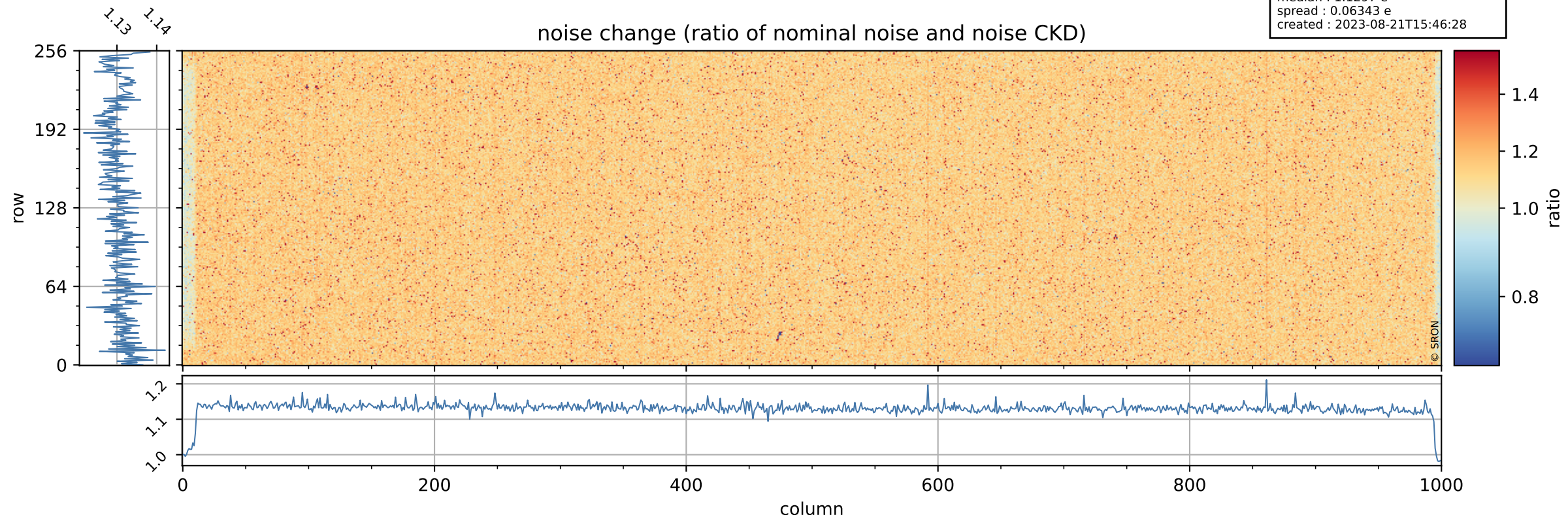
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [16147, 16222]
coverage : 2020-11-23 / 2020-11-29
median : 1.0024 e
spread : 0.008076 e
created : 2023-08-21T15:46:27



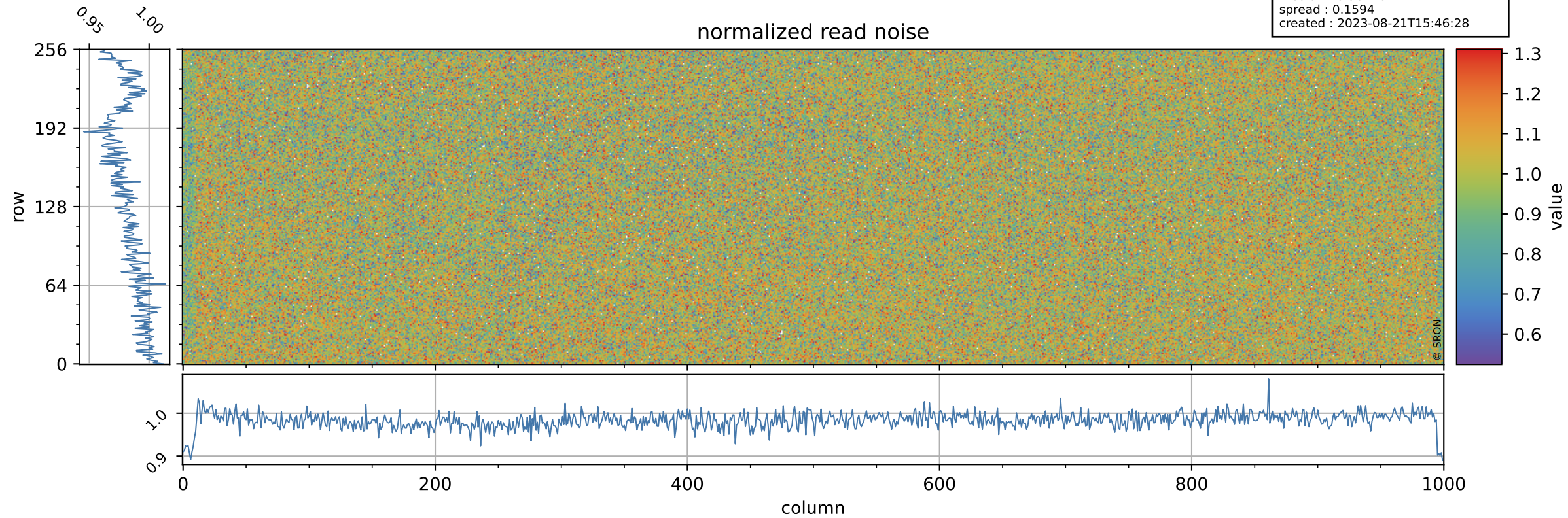
Tropomi SWIR background noise (swir)

orbits : 13 in [16147, 16222]
coverage : 2020-11-23 / 2020-11-29
median : 1.1297 e
spread : 0.06343 e
created : 2023-08-21T15:46:28



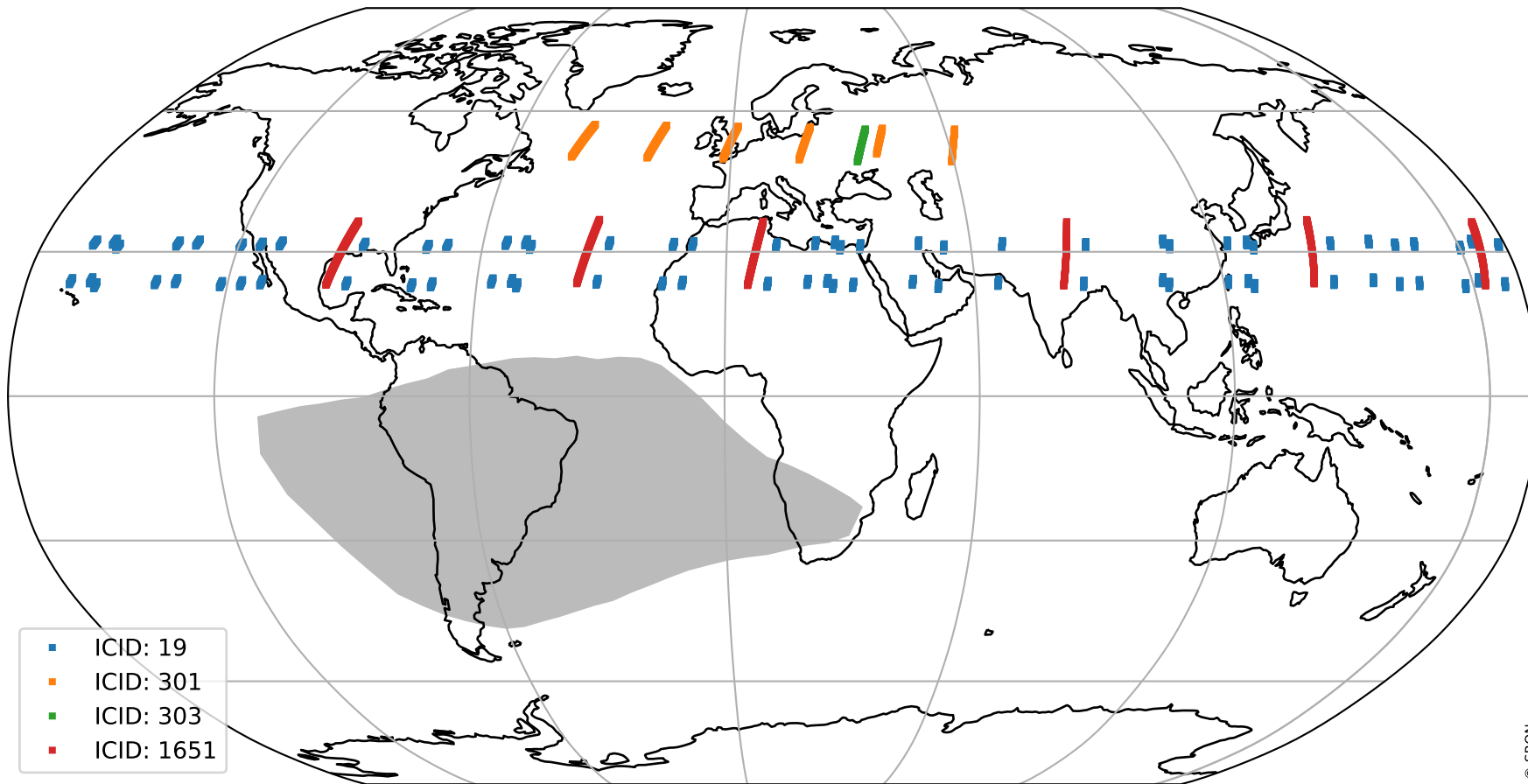
Tropomi SWIR background noise (swir)

orbits : 13 in [16147, 16222]
coverage : 2020-11-23 / 2020-11-29
median : 0.98226
spread : 0.1594
created : 2023-08-21T15:46:28



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

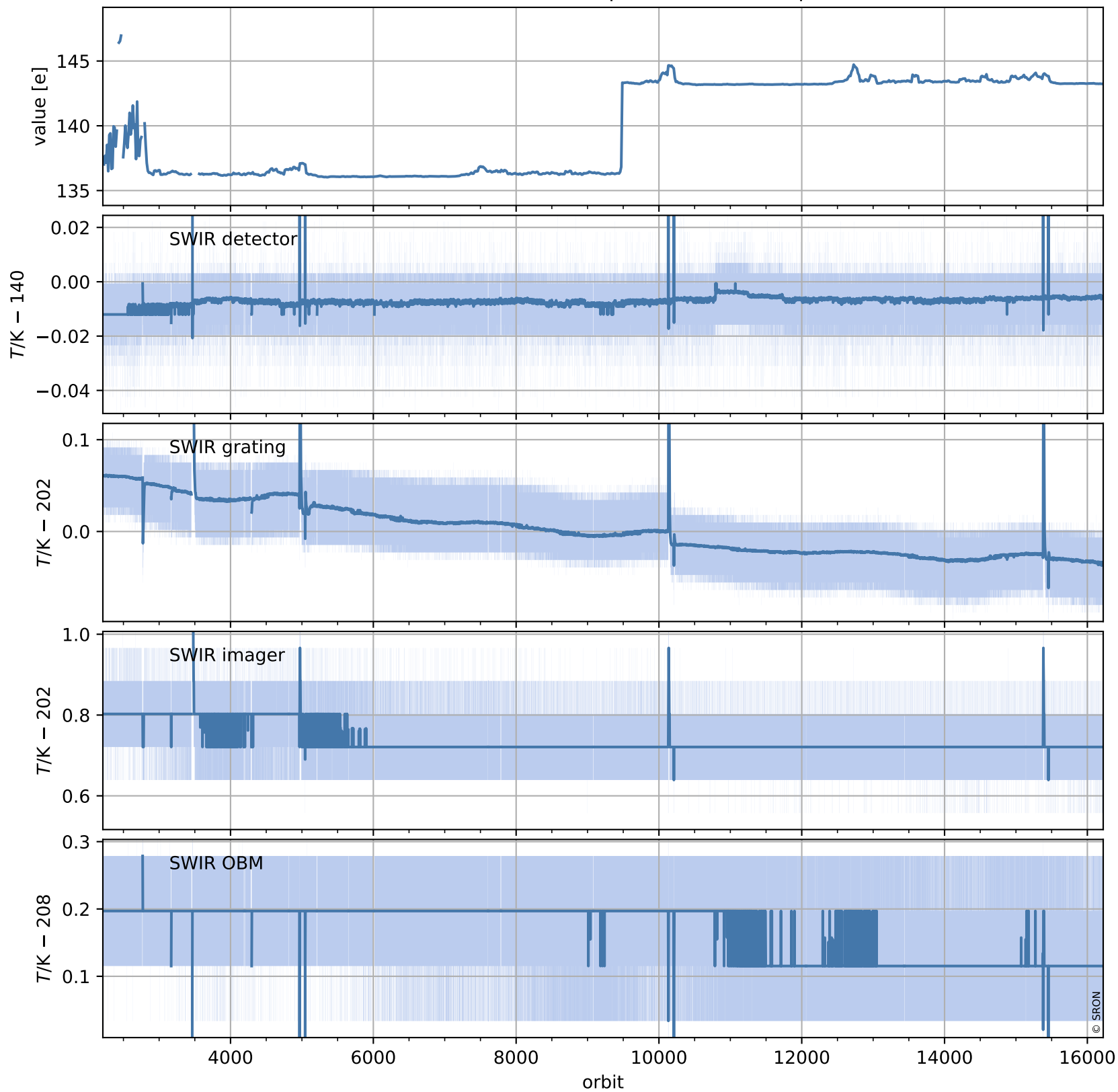
orbits : 13 in [16147, 16222]
coverage : 2020-11-23 / 2020-11-29
created : 2023-08-21T15:46:28



Tropomi SWIR background noise (swir)

orbits : [2212, 16222]
coverage : 2018-03-18 / 2020-11-29
created : 2023-08-21T15:46:29

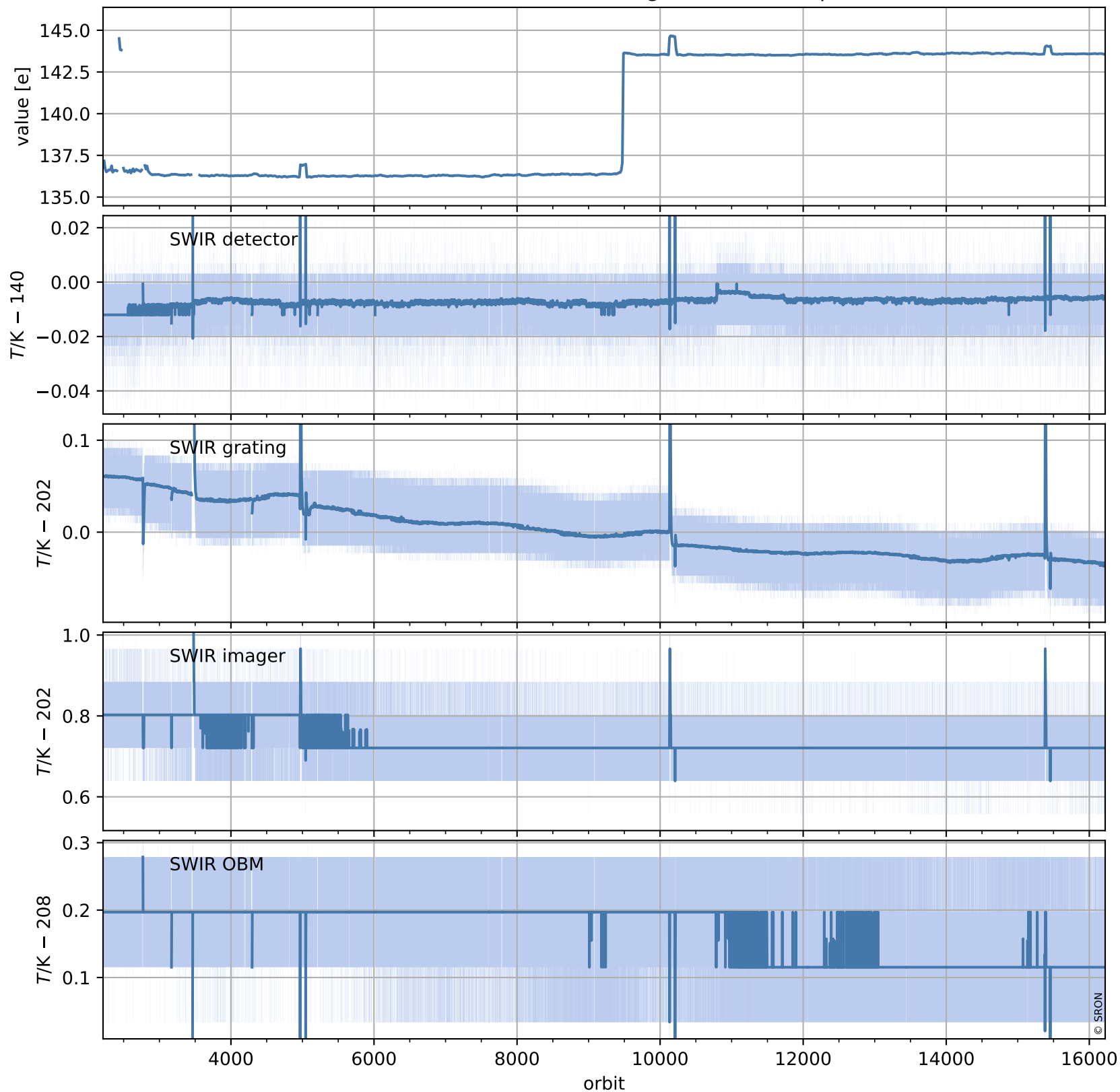
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16222]
coverage : 2018-03-18 / 2020-11-29
created : 2023-08-21T15:46:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16222]
coverage : 2018-03-18 / 2020-11-29
created : 2023-08-21T15:46:30

trend of normalized read-noise & temperatures

