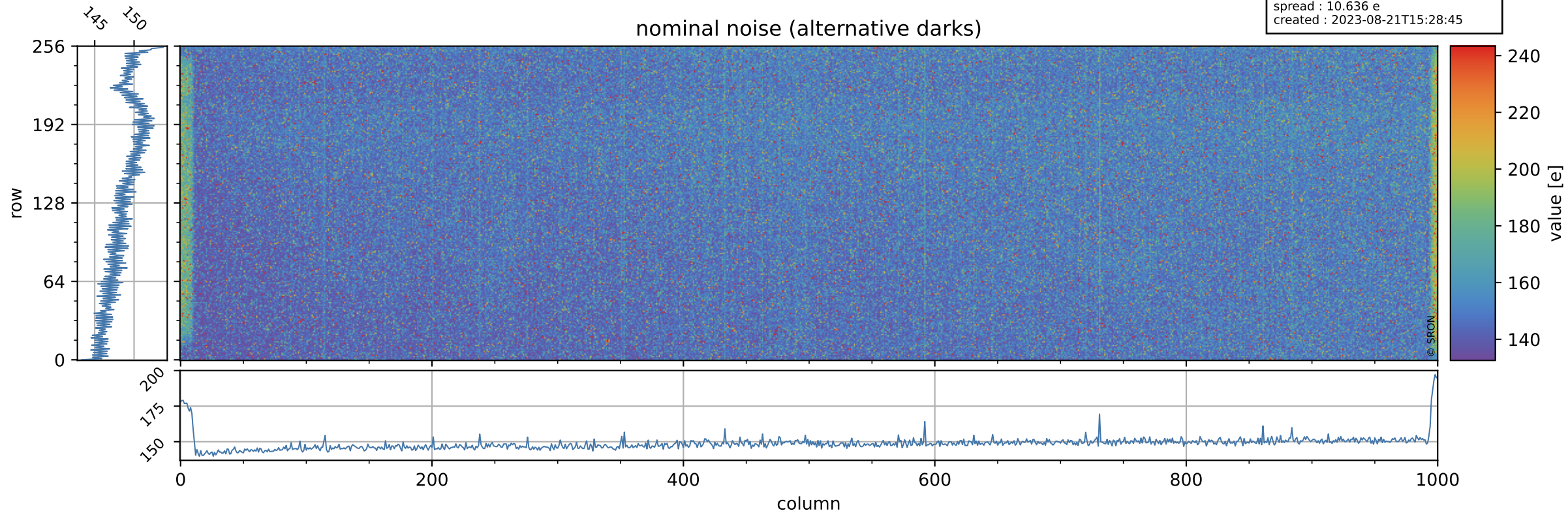


Tropomi SWIR background noise (swir)

orbits : 13 in [12907, 12997]
coverage : 2020-04-10 / 2020-04-16
n_coad, t_exp : 1, 1.0783
median : 148.54 e
spread : 10.636 e
created : 2023-08-21T15:28:45

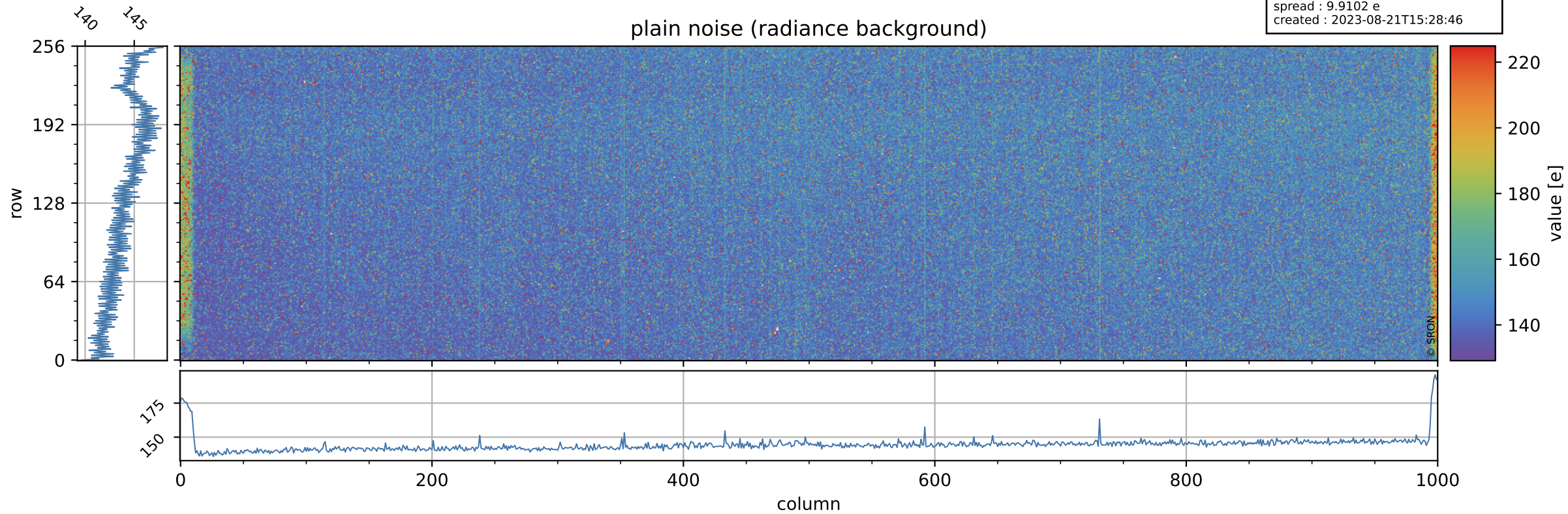
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [12907, 12997]
coverage : 2020-04-10 / 2020-04-16
n_coad, t_exp : 1, 0.8383
median : 143.99 e
spread : 9.9102 e
created : 2023-08-21T15:28:46

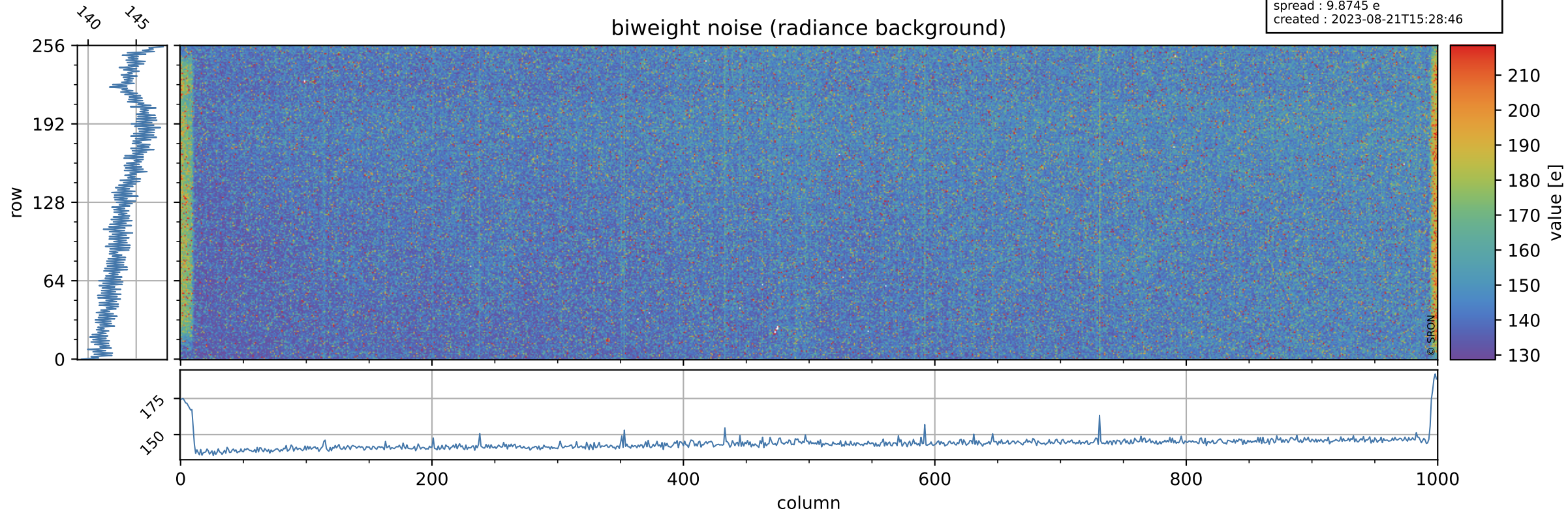
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12907, 12997]
coverage : 2020-04-10 / 2020-04-16
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.8745 e
created : 2023-08-21T15:28:46

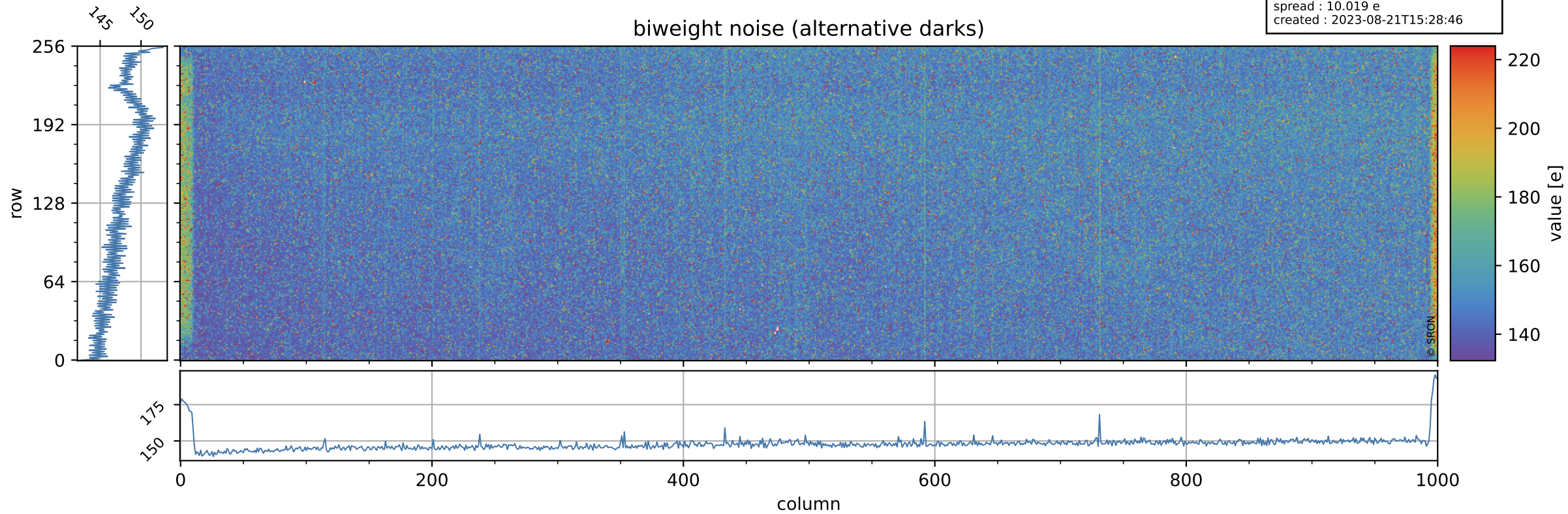
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12907, 12997]
coverage : 2020-04-10 / 2020-04-16
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 10.019 e
created : 2023-08-21T15:28:46

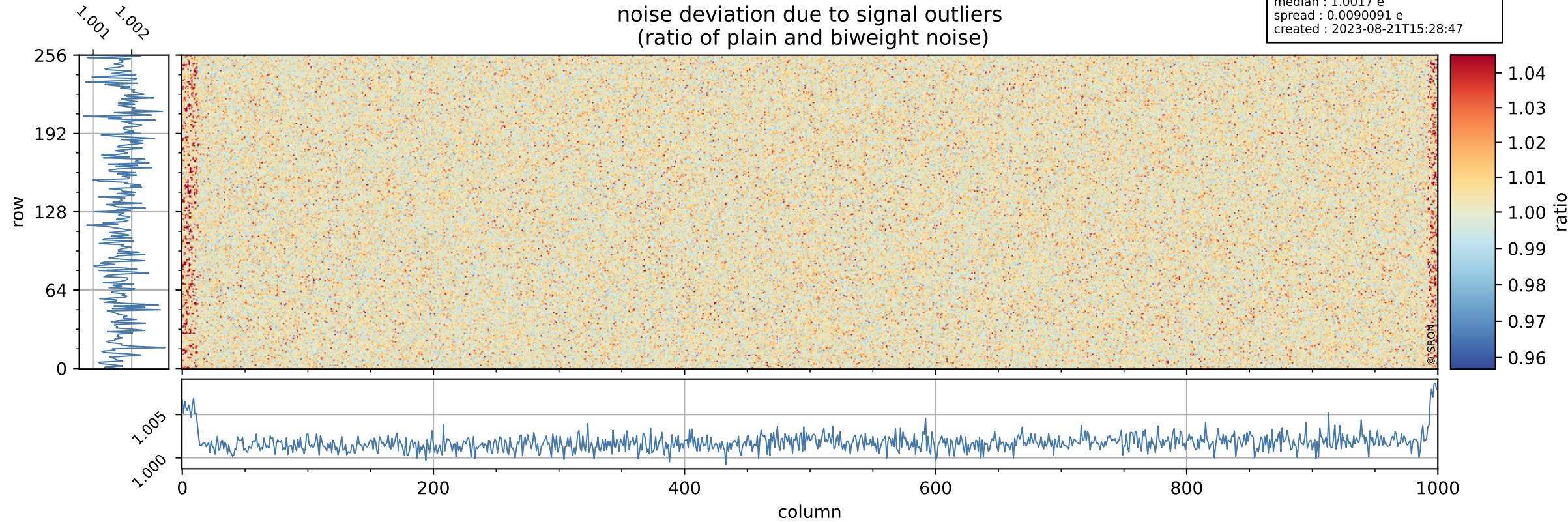
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

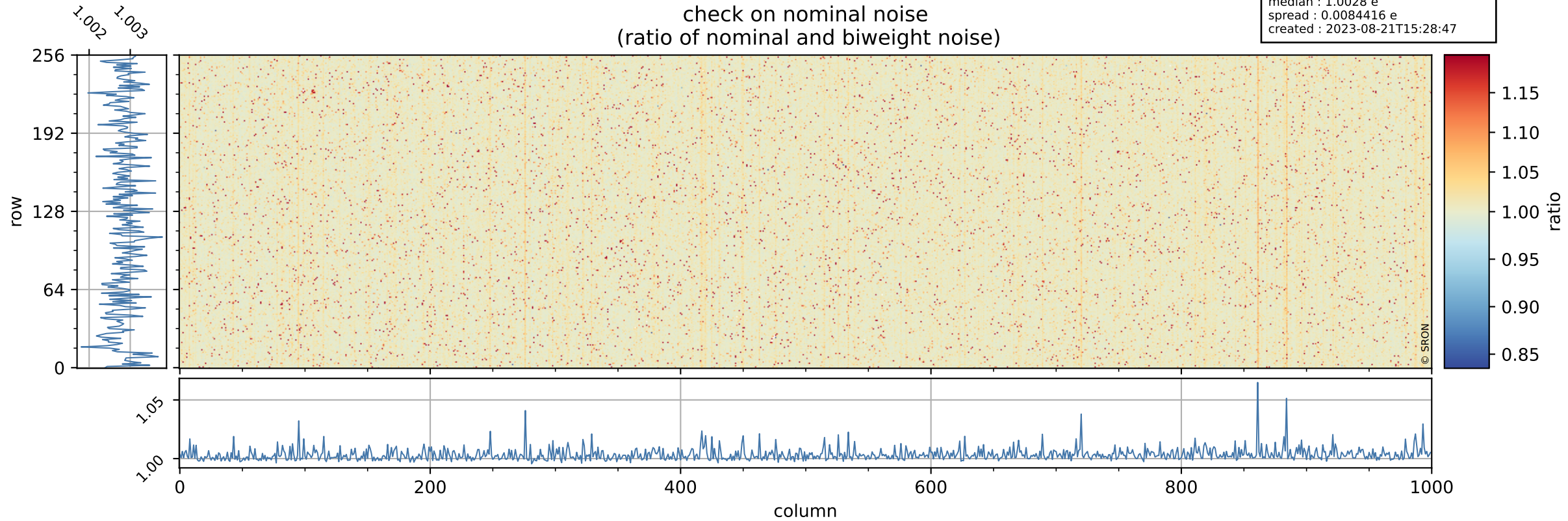
orbits : 13 in [12907, 12997]
coverage : 2020-04-10 / 2020-04-16
median : 1.0017 e
spread : 0.0090091 e
created : 2023-08-21T15:28:47



Tropomi SWIR background noise (swir)

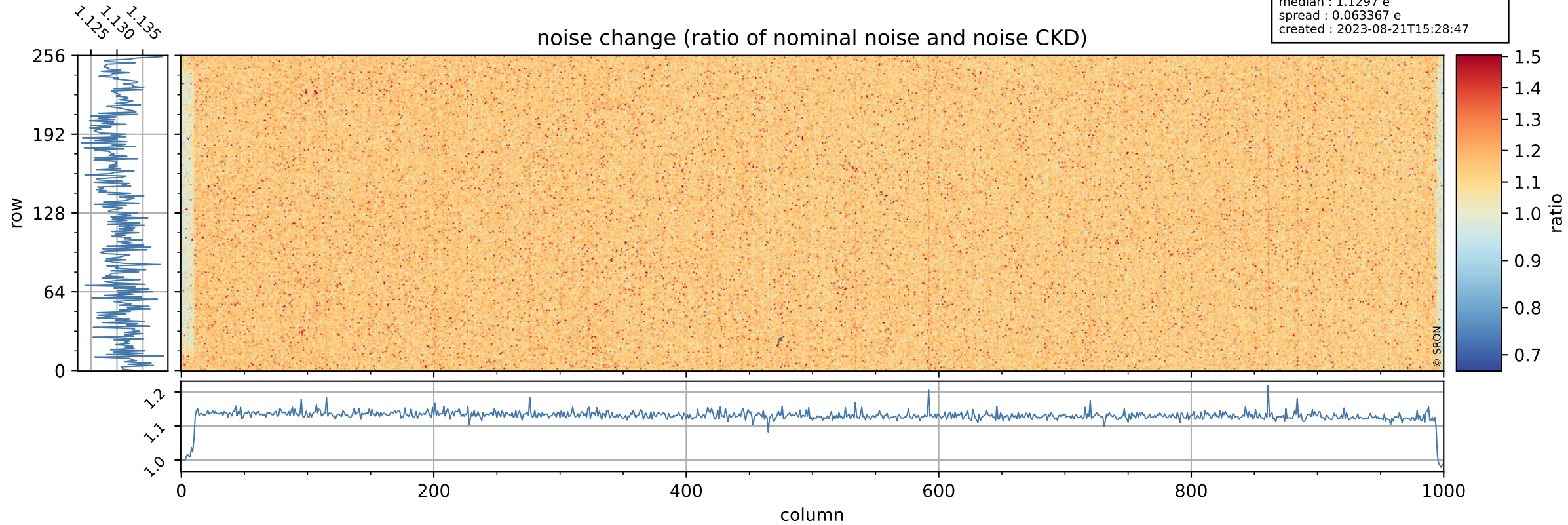
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [12907, 12997]
coverage : 2020-04-10 / 2020-04-16
median : 1.0028 e
spread : 0.0084416 e
created : 2023-08-21T15:28:47



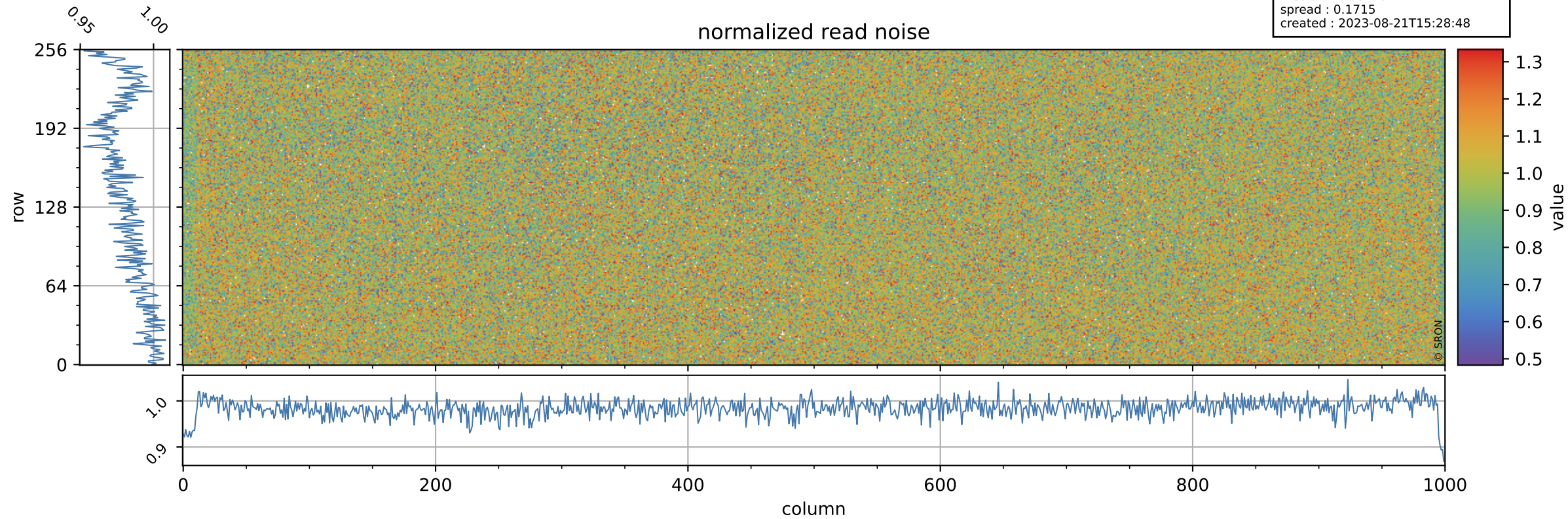
Tropomi SWIR background noise (swir)

orbits : 13 in [12907, 12997]
coverage : 2020-04-10 / 2020-04-16
median : 1.1297 e
spread : 0.063367 e
created : 2023-08-21T15:28:47



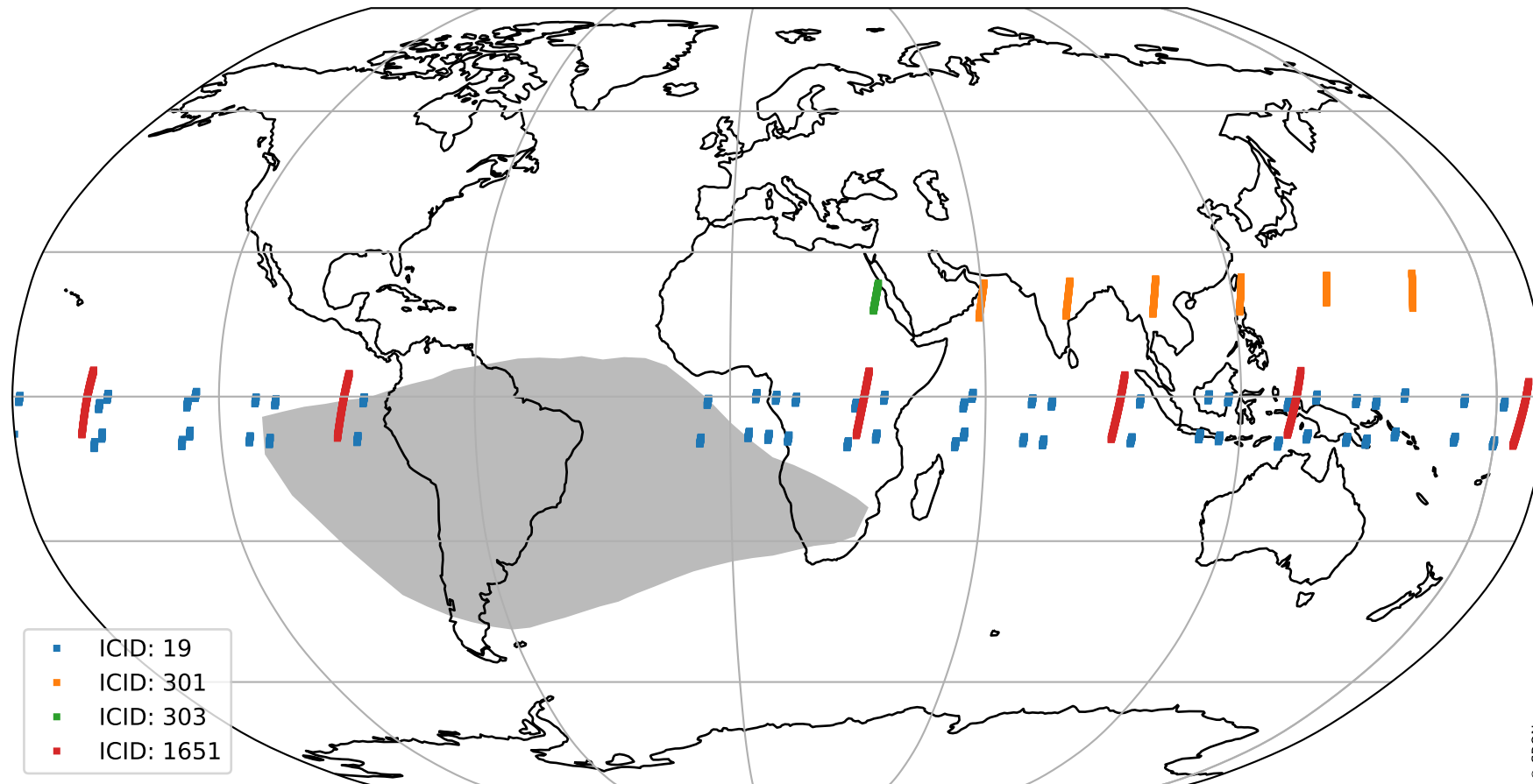
Tropomi SWIR background noise (swir)

orbits : 13 in [12907, 12997]
coverage : 2020-04-10 / 2020-04-16
median : 0.98219
spread : 0.1715
created : 2023-08-21T15:28:48



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

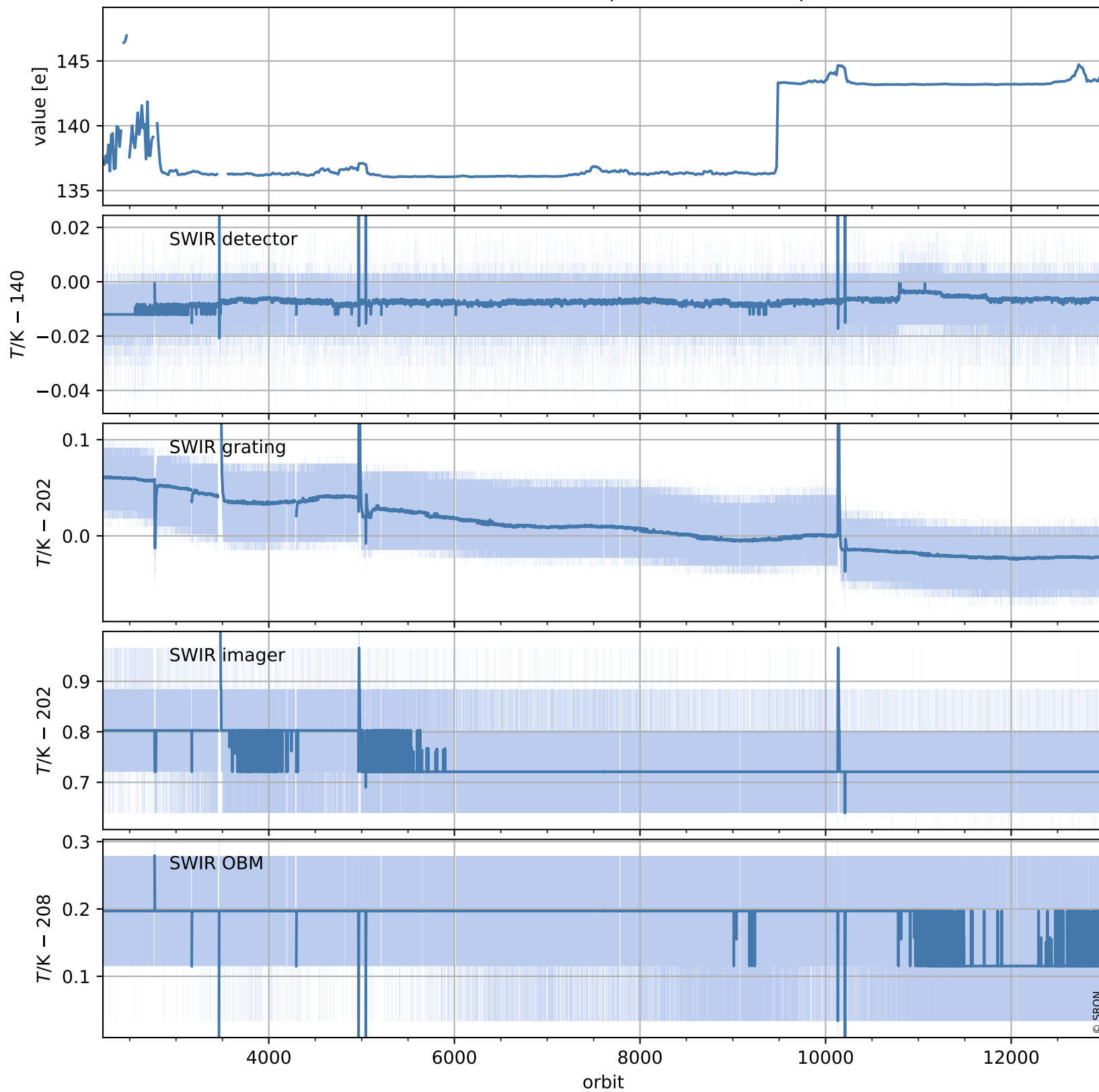
orbits : 13 in [12907, 12997]
coverage : 2020-04-10 / 2020-04-16
created : 2023-08-21T15:28:48



Tropomi SWIR background noise (swir)

orbits : [2212, 12997]
coverage : 2018-03-18 / 2020-04-16
created : 2023-08-21T15:28:48

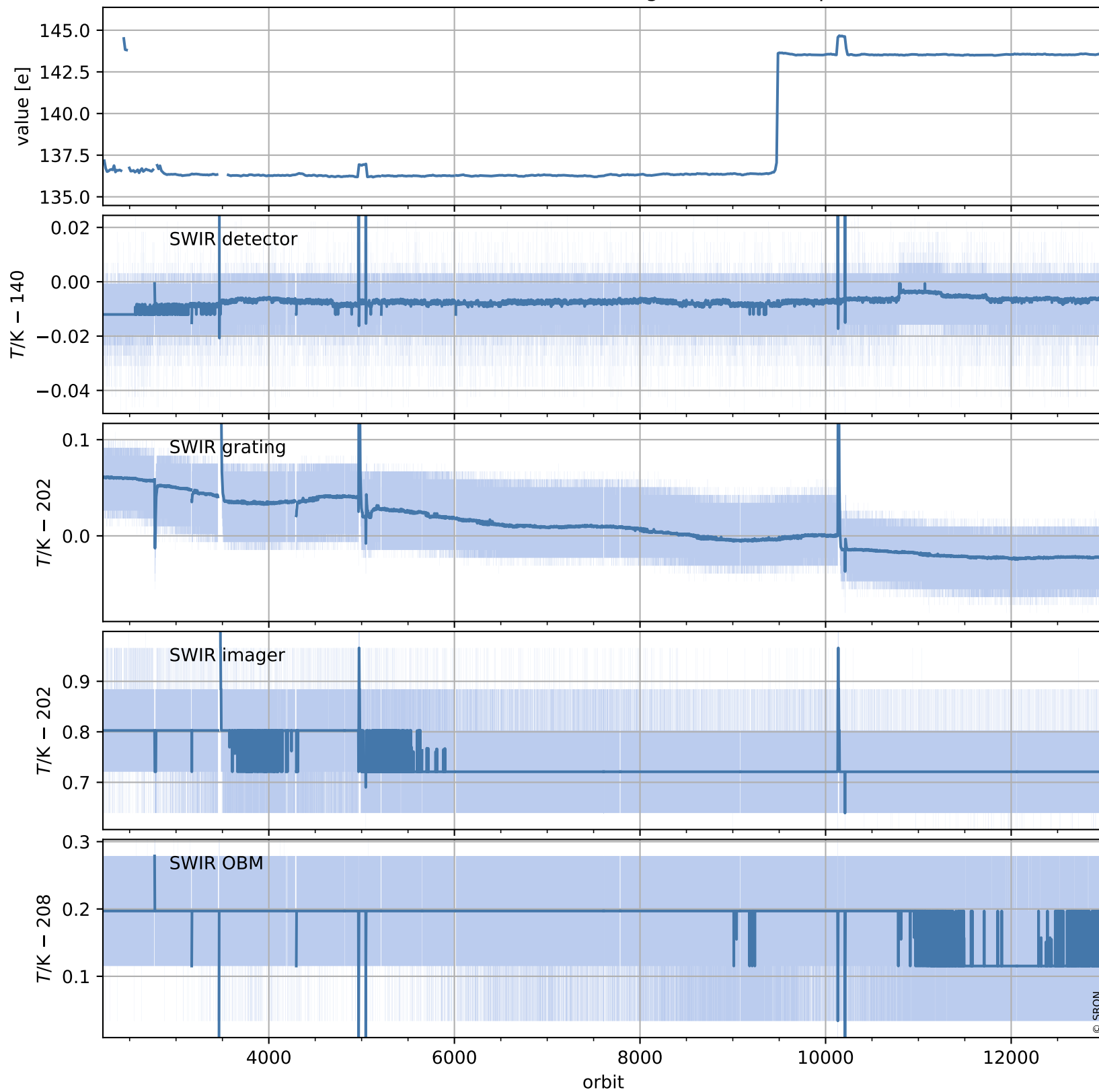
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12997]
coverage : 2018-03-18 / 2020-04-16
created : 2023-08-21T15:28:49

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12997]
coverage : 2018-03-18 / 2020-04-16
created : 2023-08-21T15:28:49

trend of normalized read-noise & temperatures

