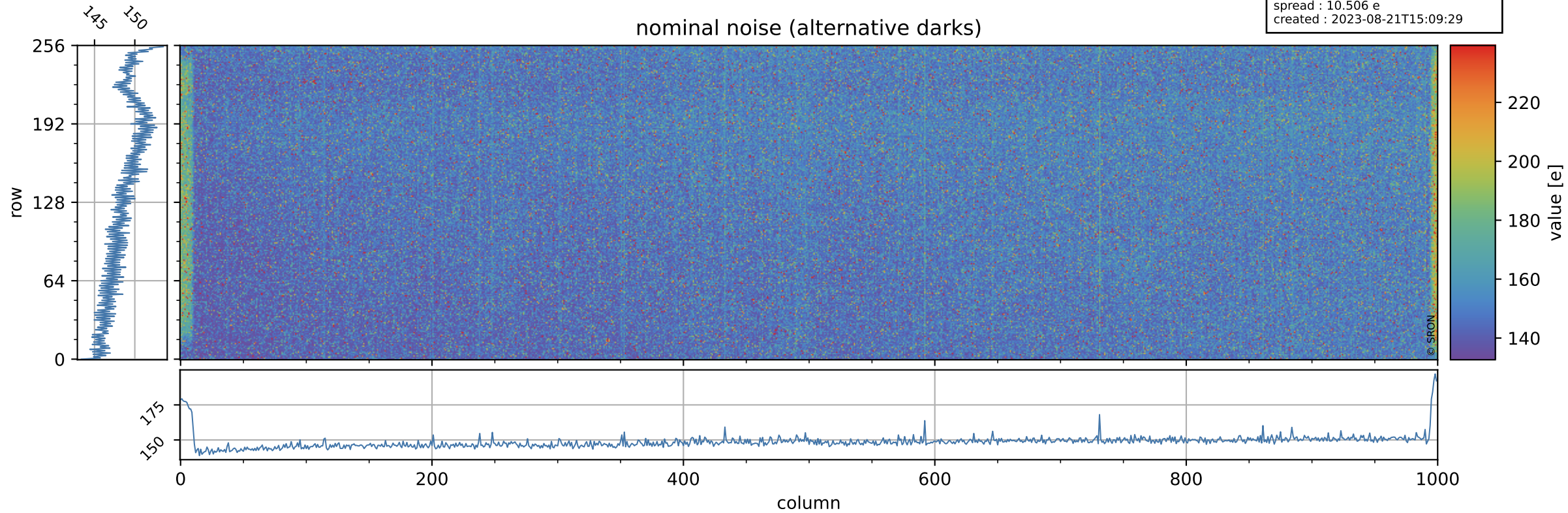


Tropomi SWIR background noise (swir)

orbits : 13 in [10027, 10117]
coverage : 2019-09-20 / 2019-09-26
n_coad, t_exp : 1, 1.0783
median : 148.49 e
spread : 10.506 e
created : 2023-08-21T15:09:29

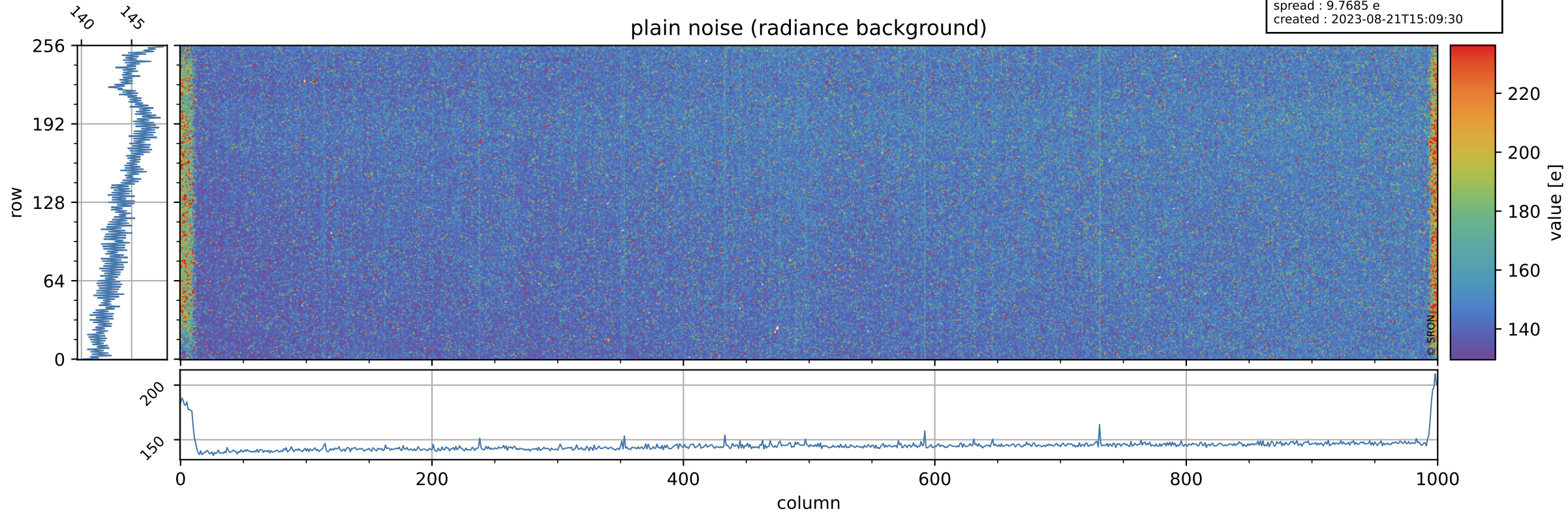
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [10027, 10117]
coverage : 2019-09-20 / 2019-09-26
n_coad, t_exp : 1, 0.8383
median : 144.07 e
spread : 9.7685 e
created : 2023-08-21T15:09:30

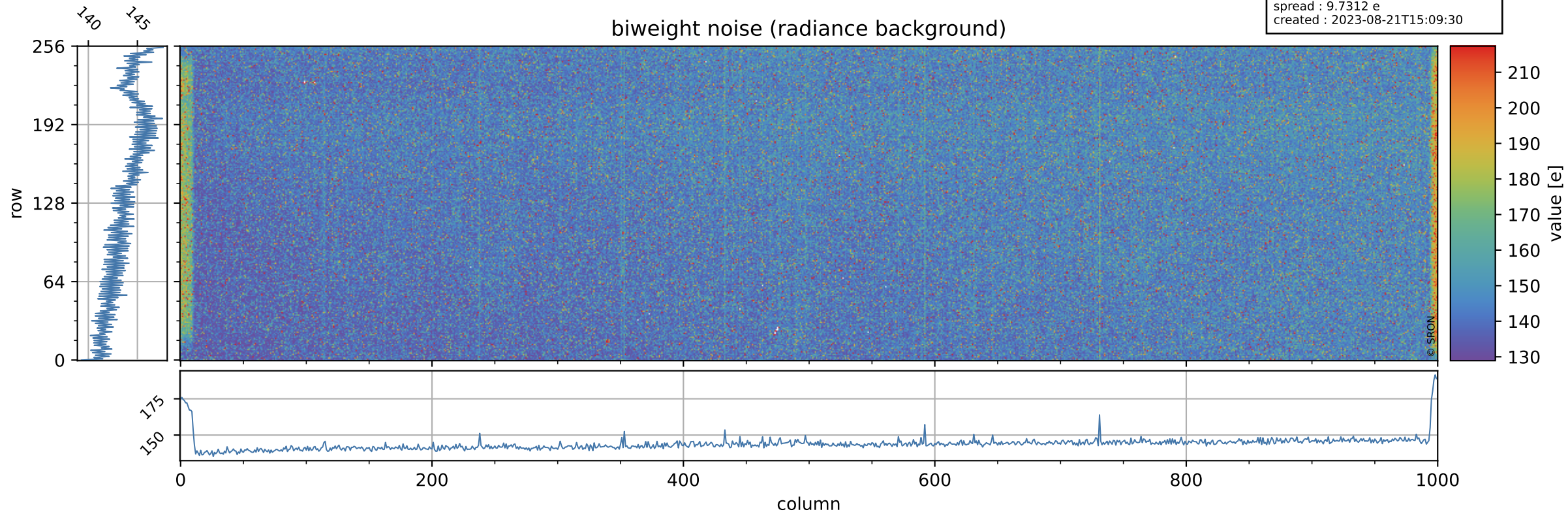
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [10027, 10117]
coverage : 2019-09-20 / 2019-09-26
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.7312 e
created : 2023-08-21T15:09:30

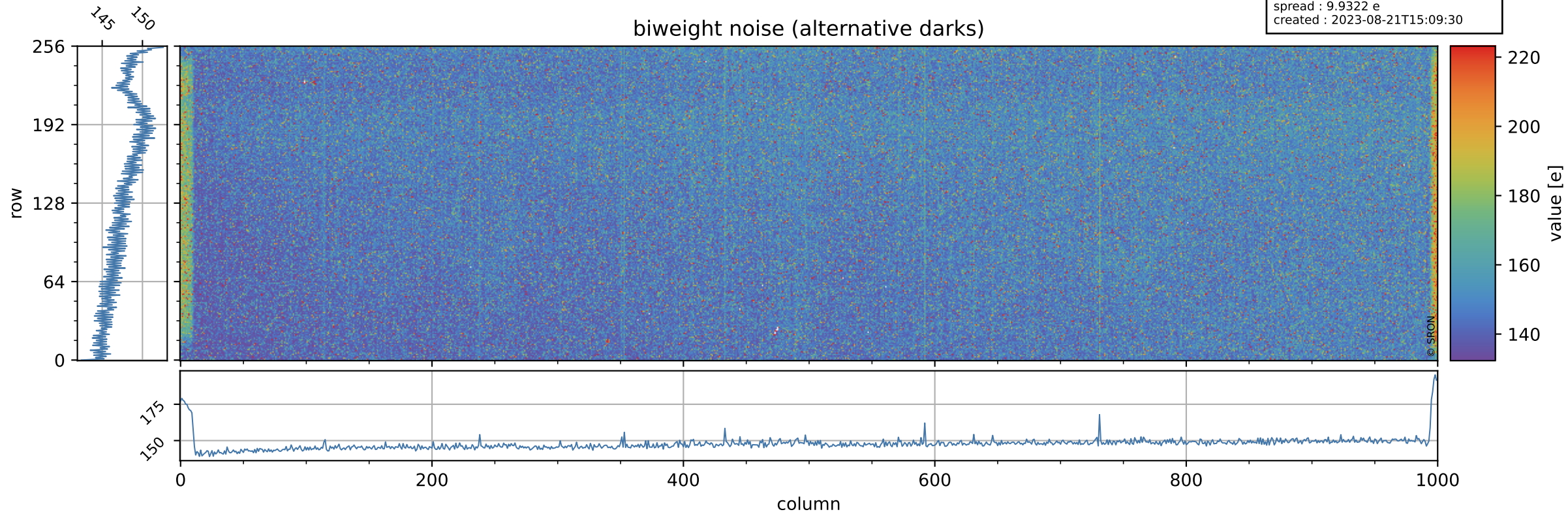
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [10027, 10117]
coverage : 2019-09-20 / 2019-09-26
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 9.9322 e
created : 2023-08-21T15:09:30

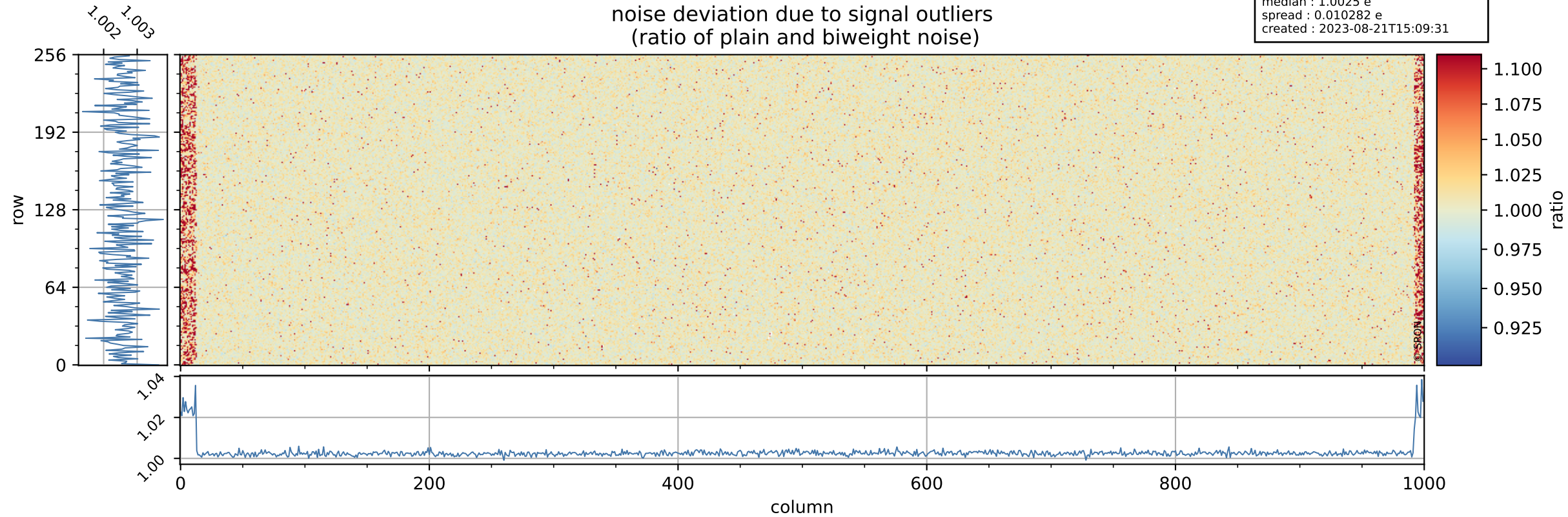
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

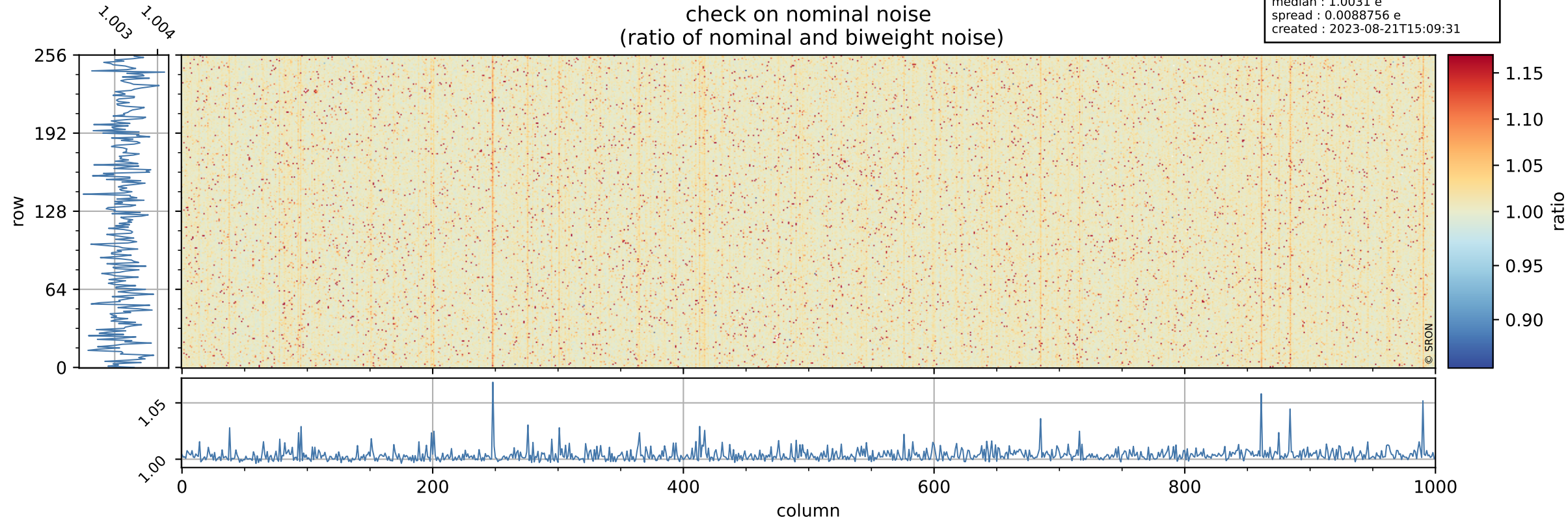
orbits : 13 in [10027, 10117]
coverage : 2019-09-20 / 2019-09-26
median : 1.0025 e
spread : 0.010282 e
created : 2023-08-21T15:09:31



Tropomi SWIR background noise (swir)

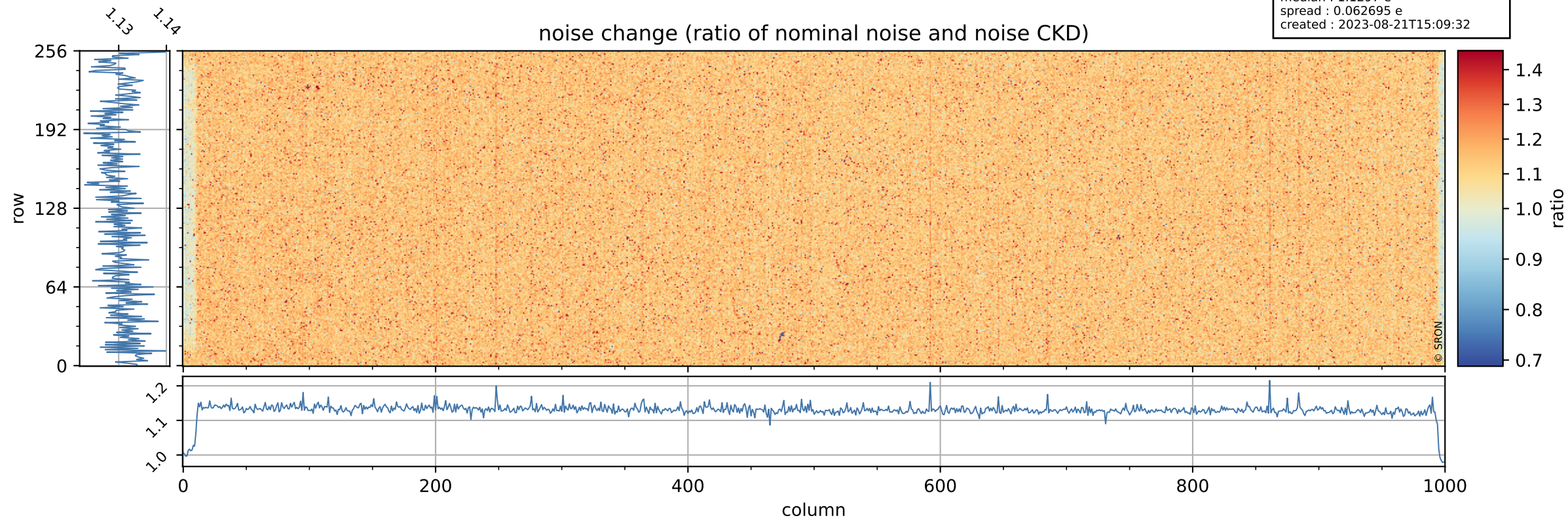
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [10027, 10117]
coverage : 2019-09-20 / 2019-09-26
median : 1.0031 e
spread : 0.0088756 e
created : 2023-08-21T15:09:31



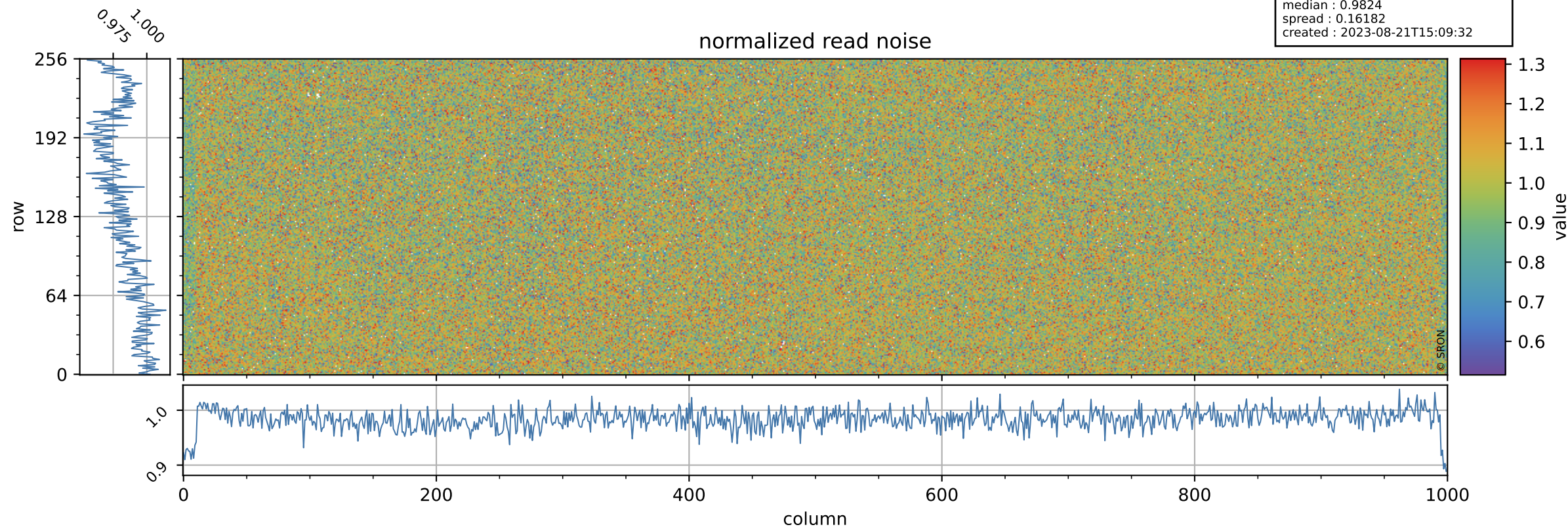
Tropomi SWIR background noise (swir)

orbits : 13 in [10027, 10117]
coverage : 2019-09-20 / 2019-09-26
median : 1.1297 e
spread : 0.062695 e
created : 2023-08-21T15:09:32



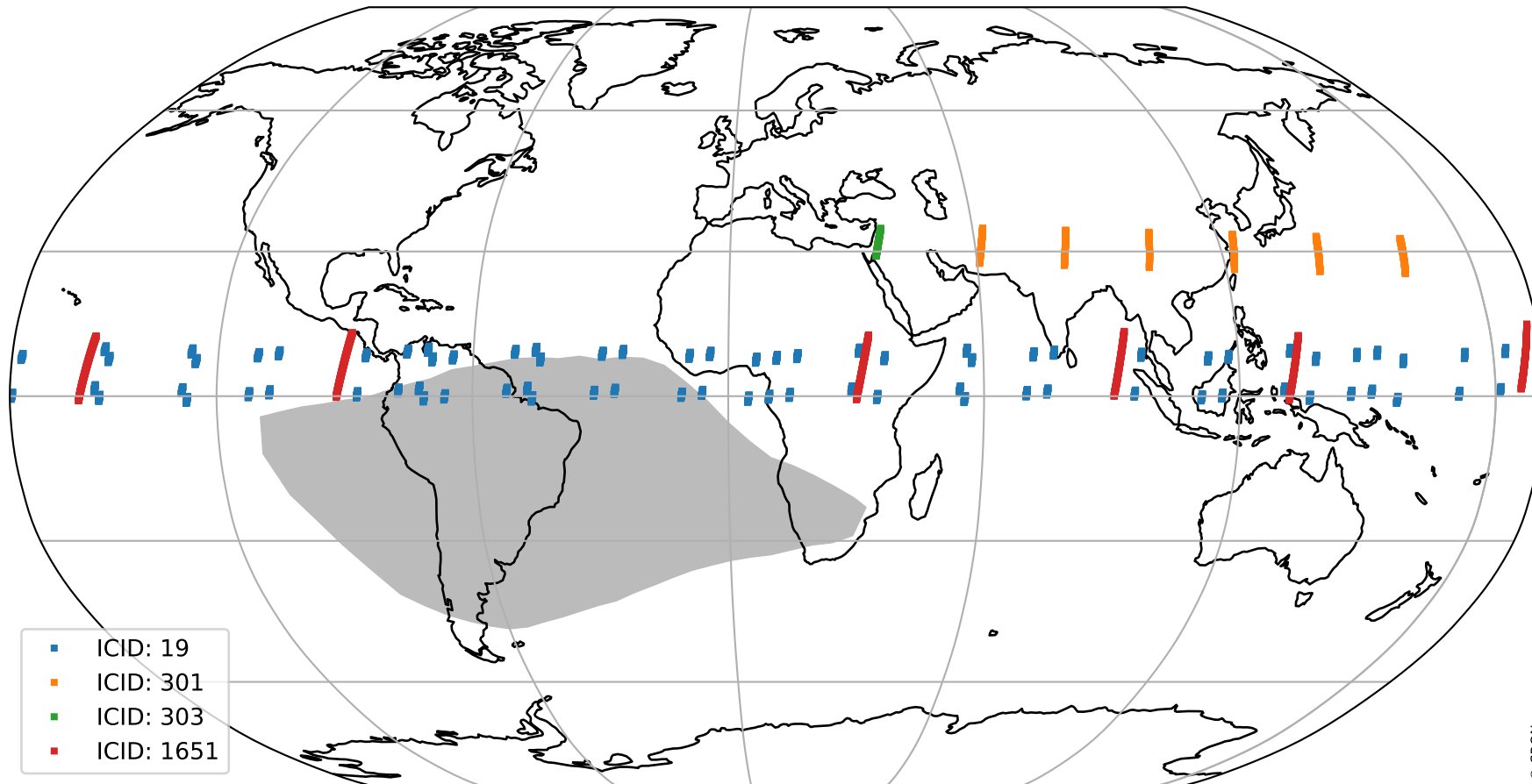
Tropomi SWIR background noise (swir)

orbits : 13 in [10027, 10117]
coverage : 2019-09-20 / 2019-09-26
median : 0.9824
spread : 0.16182
created : 2023-08-21T15:09:32



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

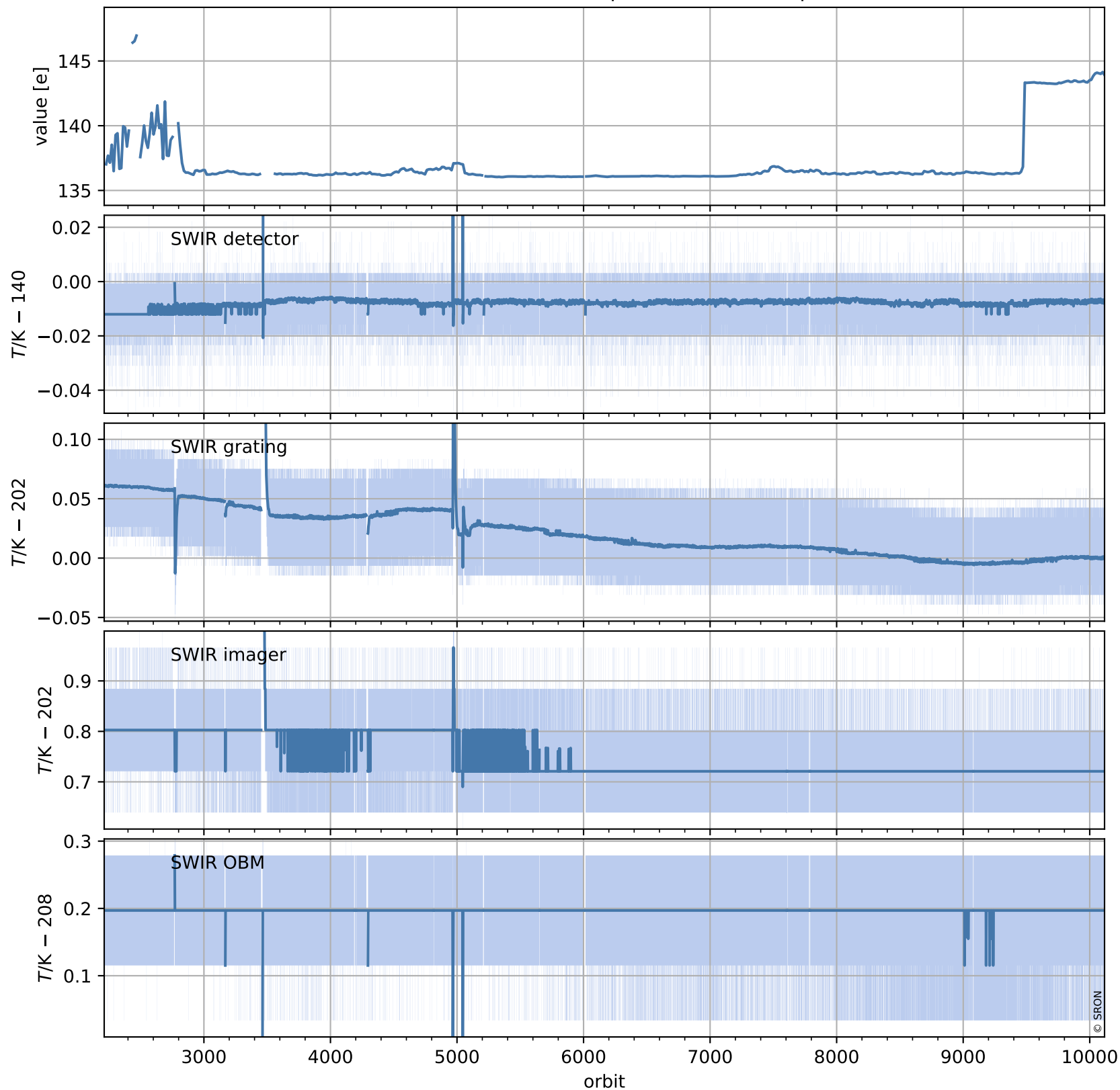
orbits : 13 in [10027, 10117]
coverage : 2019-09-20 / 2019-09-26
created : 2023-08-21T15:09:33



Tropomi SWIR background noise (swir)

orbits : [2212, 10117]
coverage : 2018-03-18 / 2019-09-26
created : 2023-08-21T15:09:33

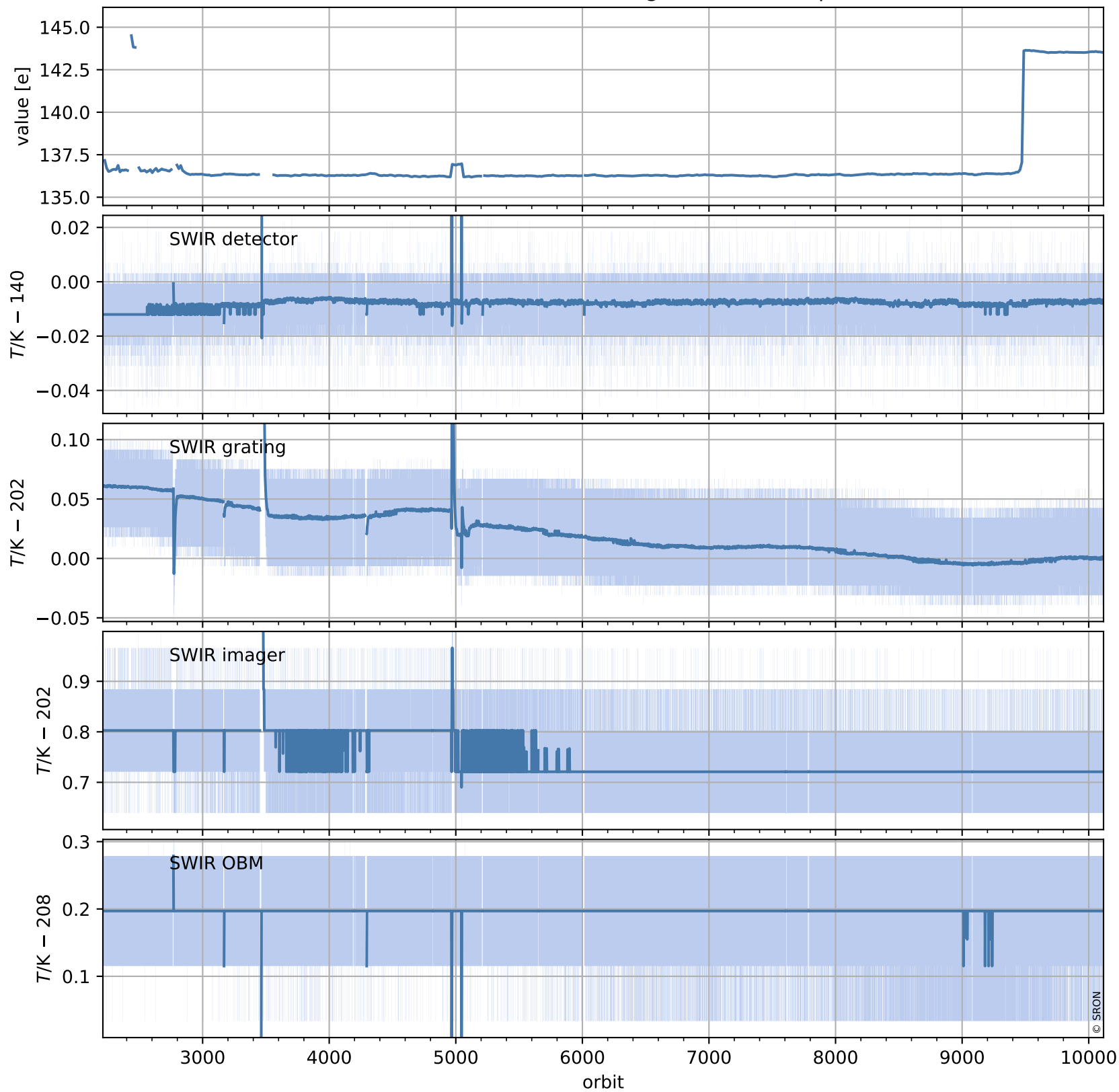
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10117]
coverage : 2018-03-18 / 2019-09-26
created : 2023-08-21T15:09:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10117]
coverage : 2018-03-18 / 2019-09-26
created : 2023-08-21T15:09:35

trend of normalized read-noise & temperatures

