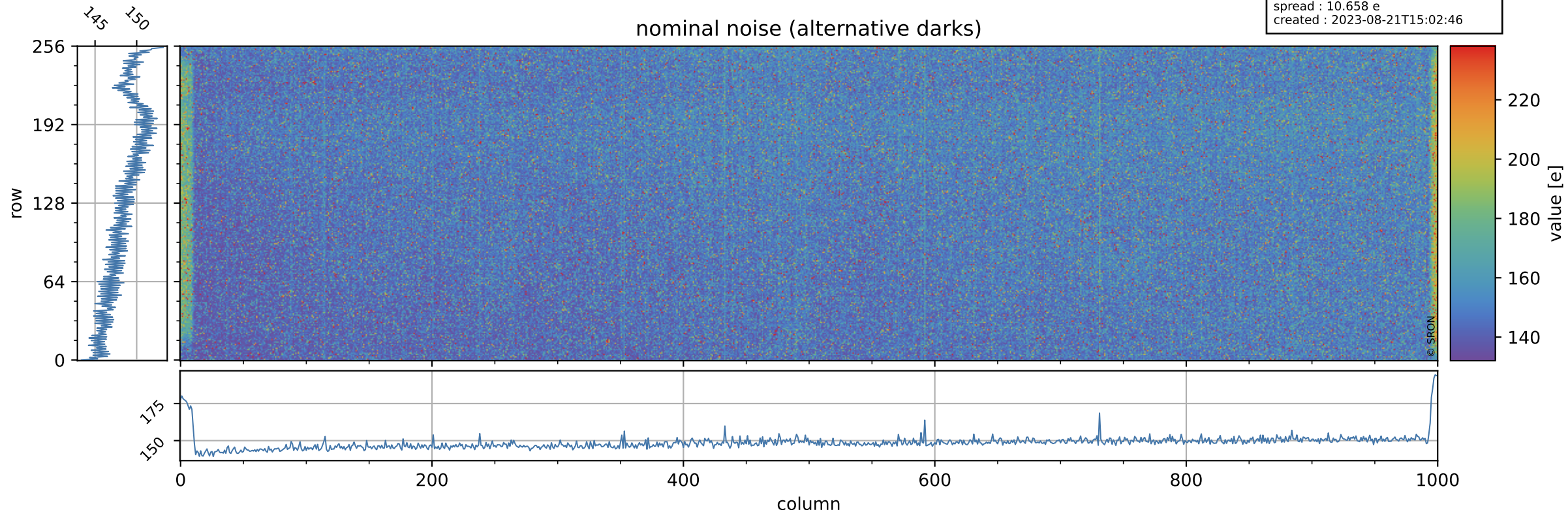


Tropomi SWIR background noise (swir)

orbits : 12 in [9172, 9262]
coverage : 2019-07-22 / 2019-07-27
n_coad, t_exp : 1, 1.0783
median : 148.42 e
spread : 10.658 e
created : 2023-08-21T15:02:46

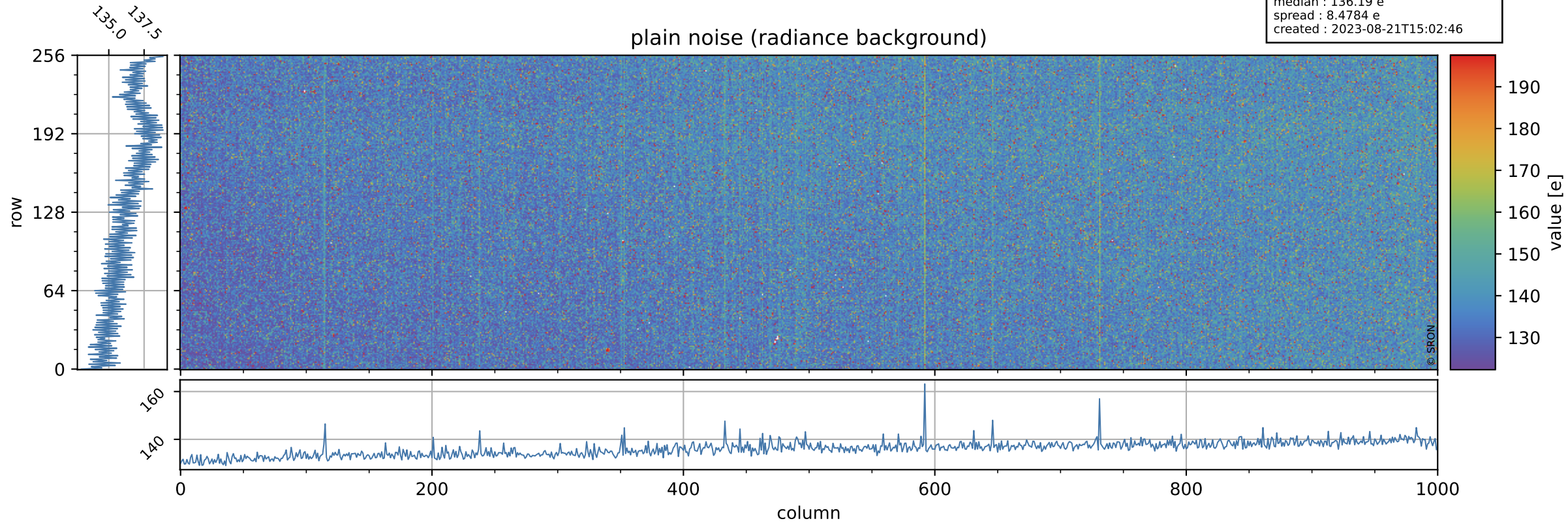
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9172, 9262]
coverage : 2019-07-22 / 2019-07-27
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.4784 e
created : 2023-08-21T15:02:46

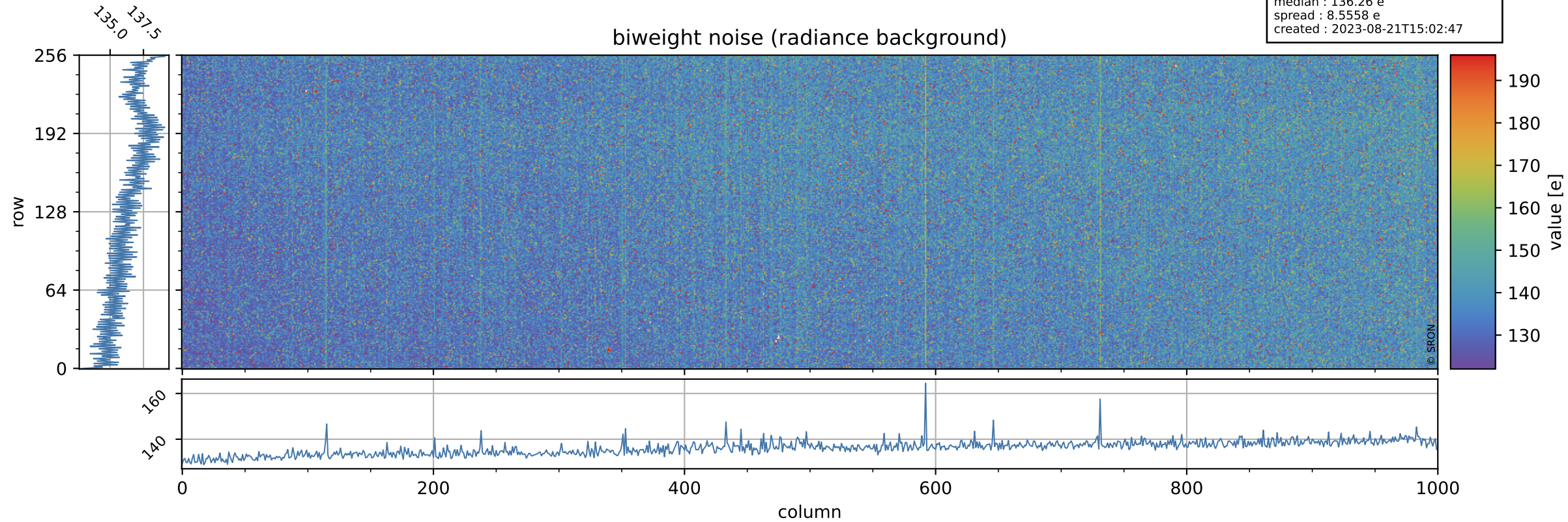
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9172, 9262]
coverage : 2019-07-22 / 2019-07-27
n_coad, t_exp : 2, 0.5383
median : 136.26 e
spread : 8.5558 e
created : 2023-08-21T15:02:47

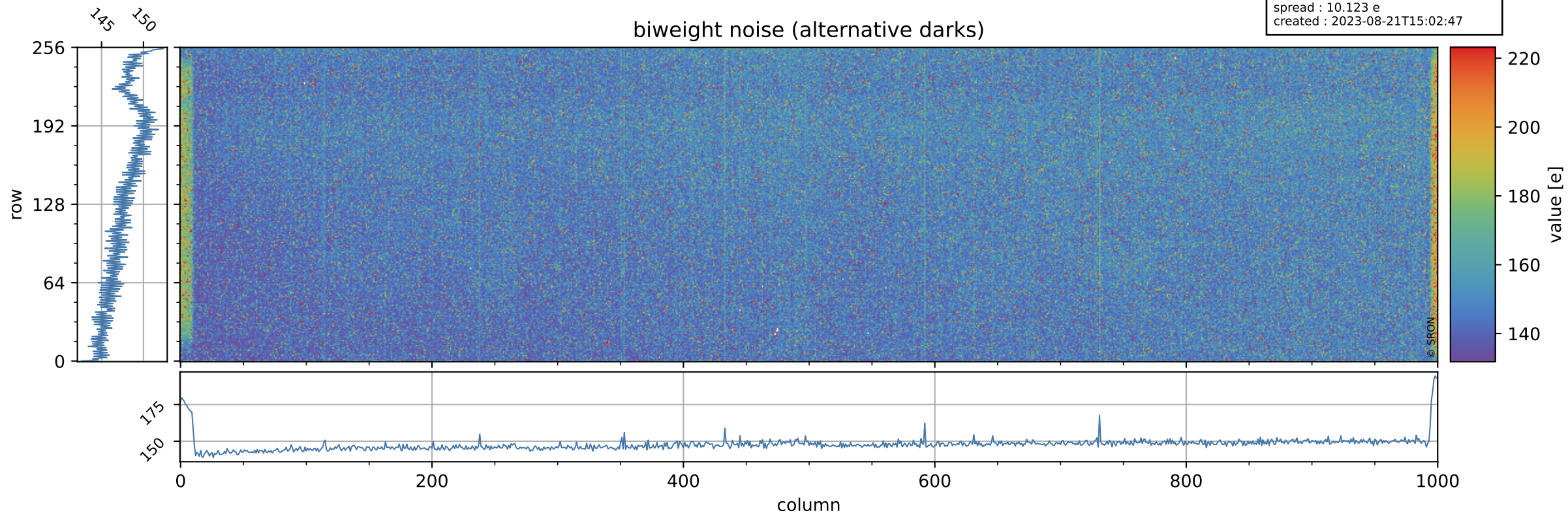
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9172, 9262]
coverage : 2019-07-22 / 2019-07-27
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.123 e
created : 2023-08-21T15:02:47

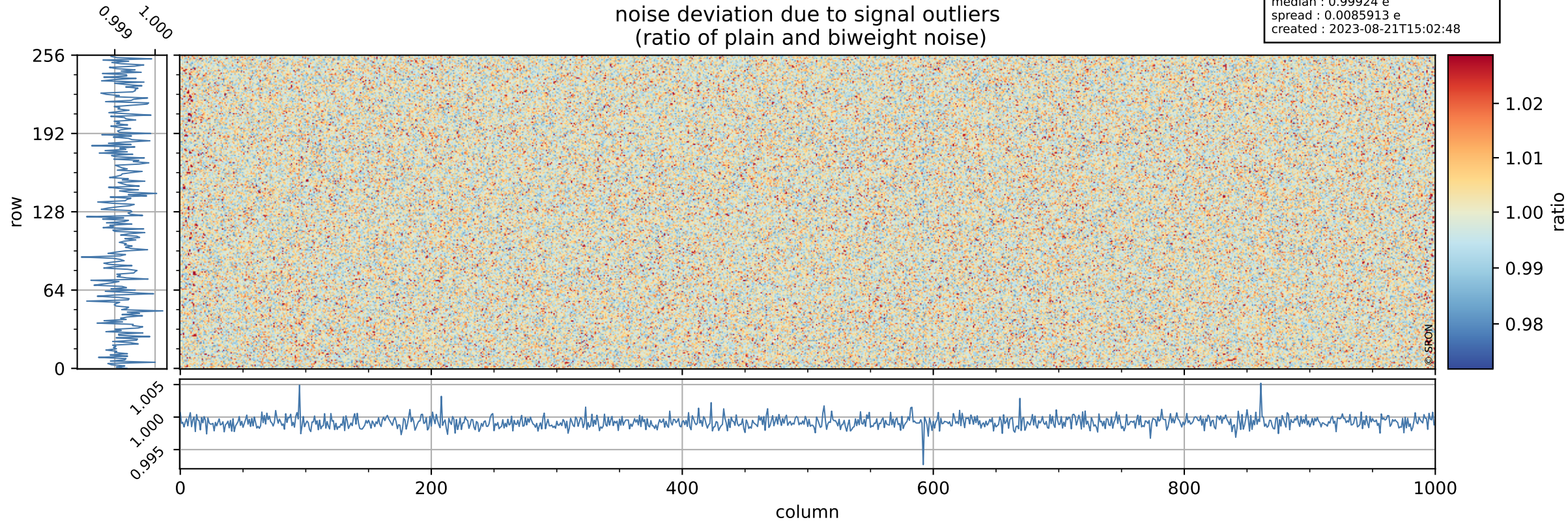
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

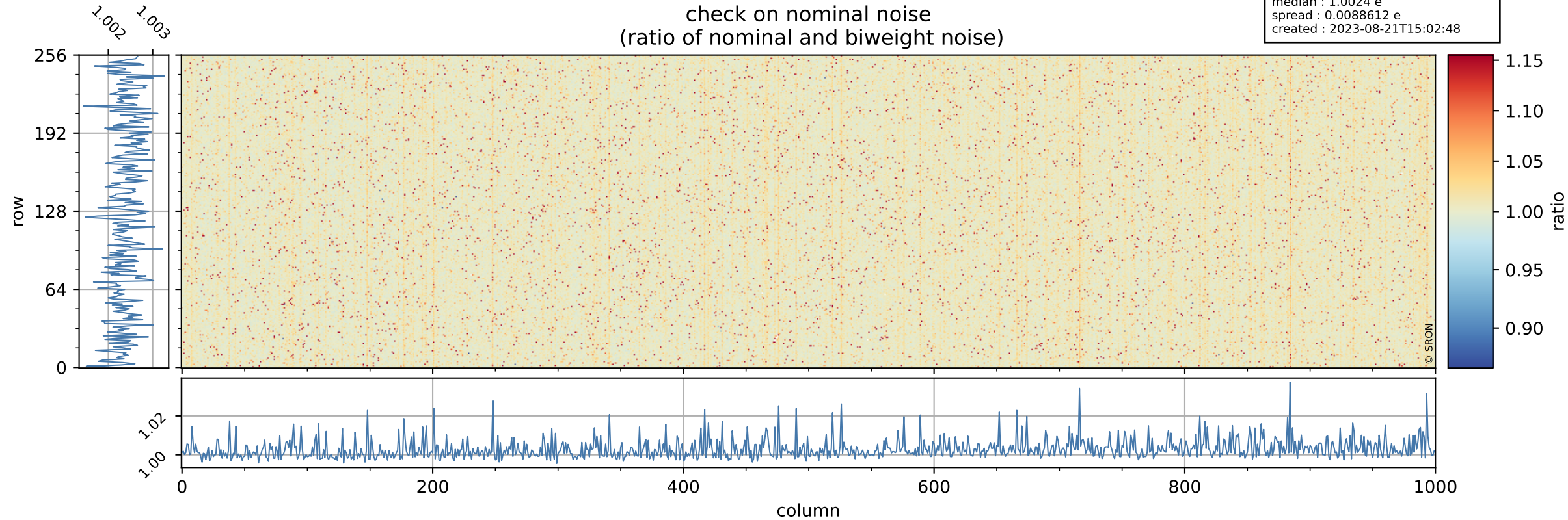
orbits : 12 in [9172, 9262]
coverage : 2019-07-22 / 2019-07-27
median : 0.99924 e
spread : 0.0085913 e
created : 2023-08-21T15:02:48



Tropomi SWIR background noise (swir)

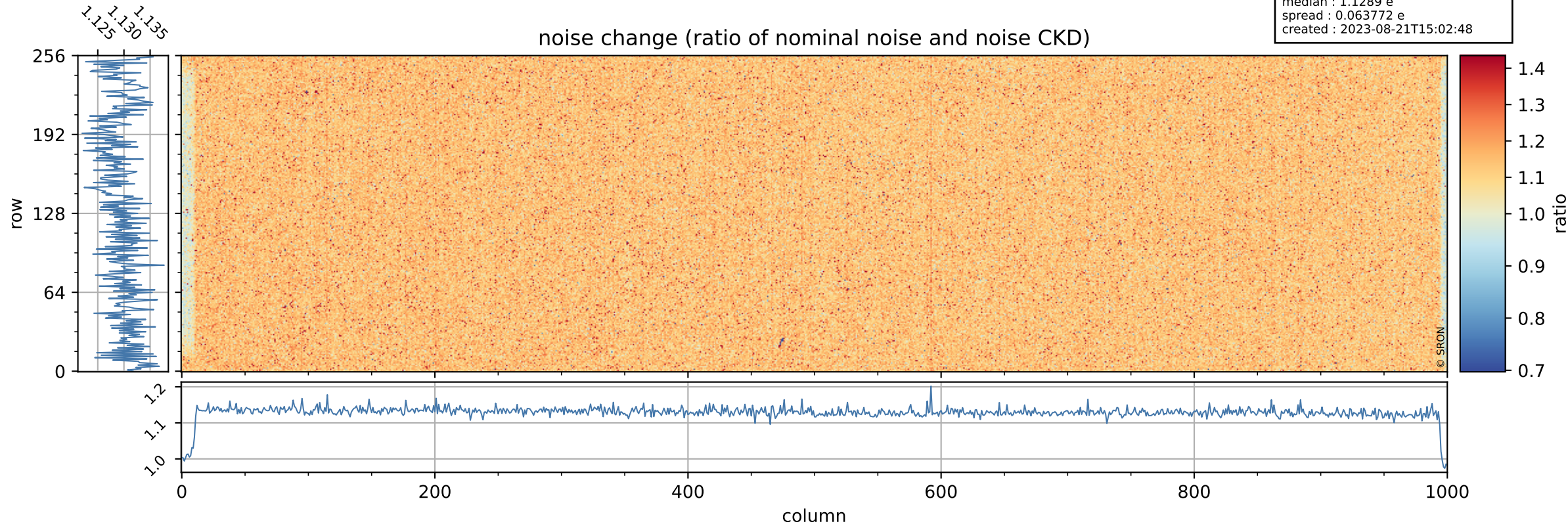
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9172, 9262]
coverage : 2019-07-22 / 2019-07-27
median : 1.0024 e
spread : 0.0088612 e
created : 2023-08-21T15:02:48



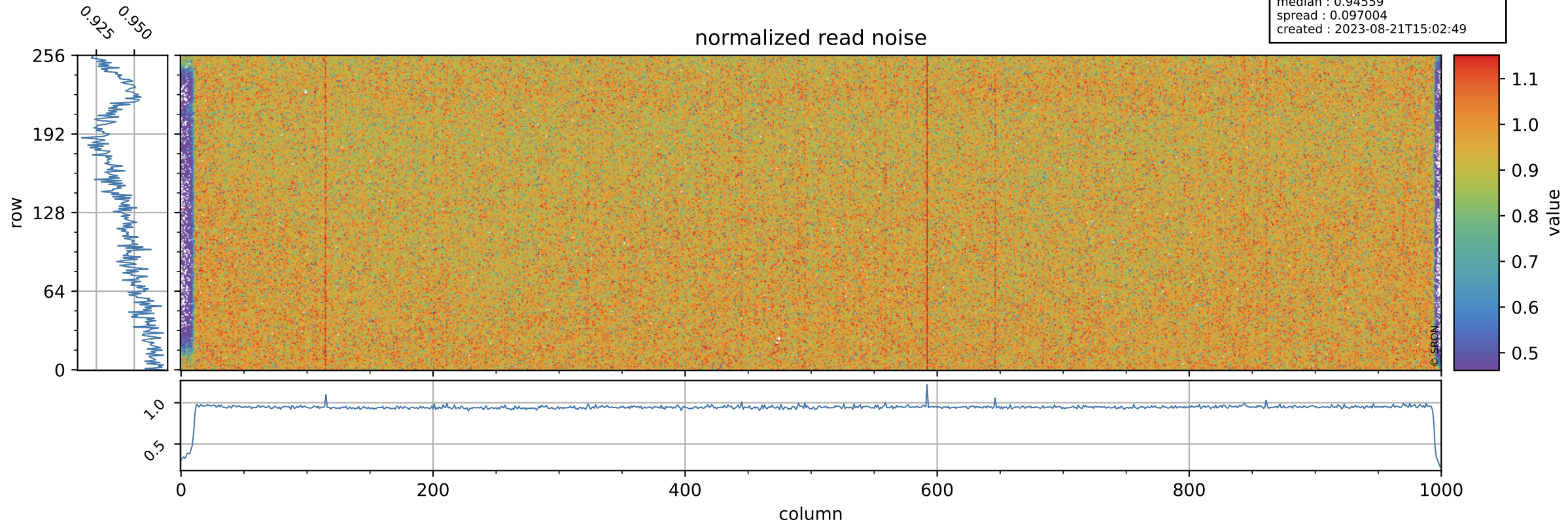
Tropomi SWIR background noise (swir)

orbits : 12 in [9172, 9262]
coverage : 2019-07-22 / 2019-07-27
median : 1.1289 e
spread : 0.063772 e
created : 2023-08-21T15:02:48



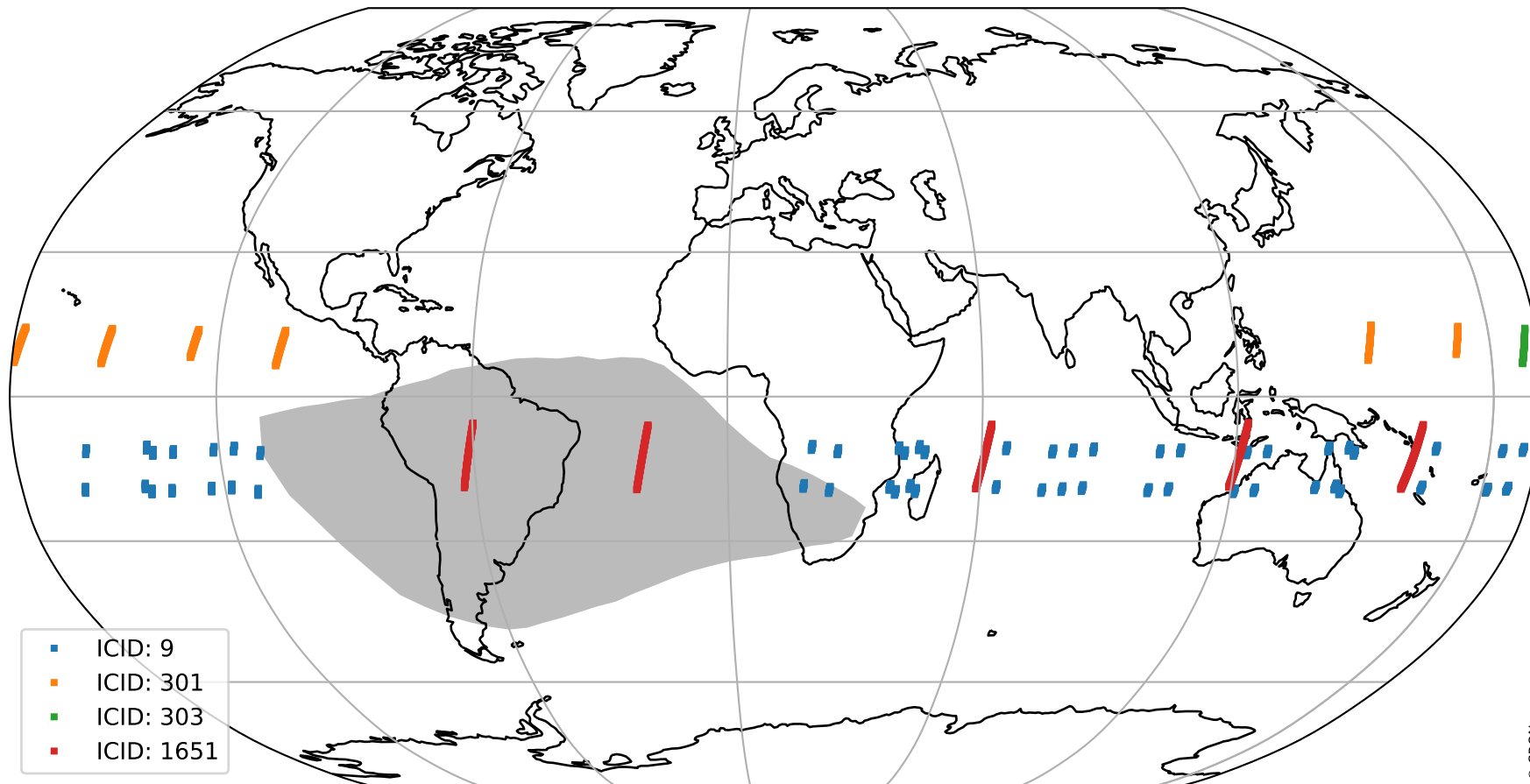
Tropomi SWIR background noise (swir)

orbits : 12 in [9172, 9262]
coverage : 2019-07-22 / 2019-07-27
median : 0.94559
spread : 0.097004
created : 2023-08-21T15:02:49



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

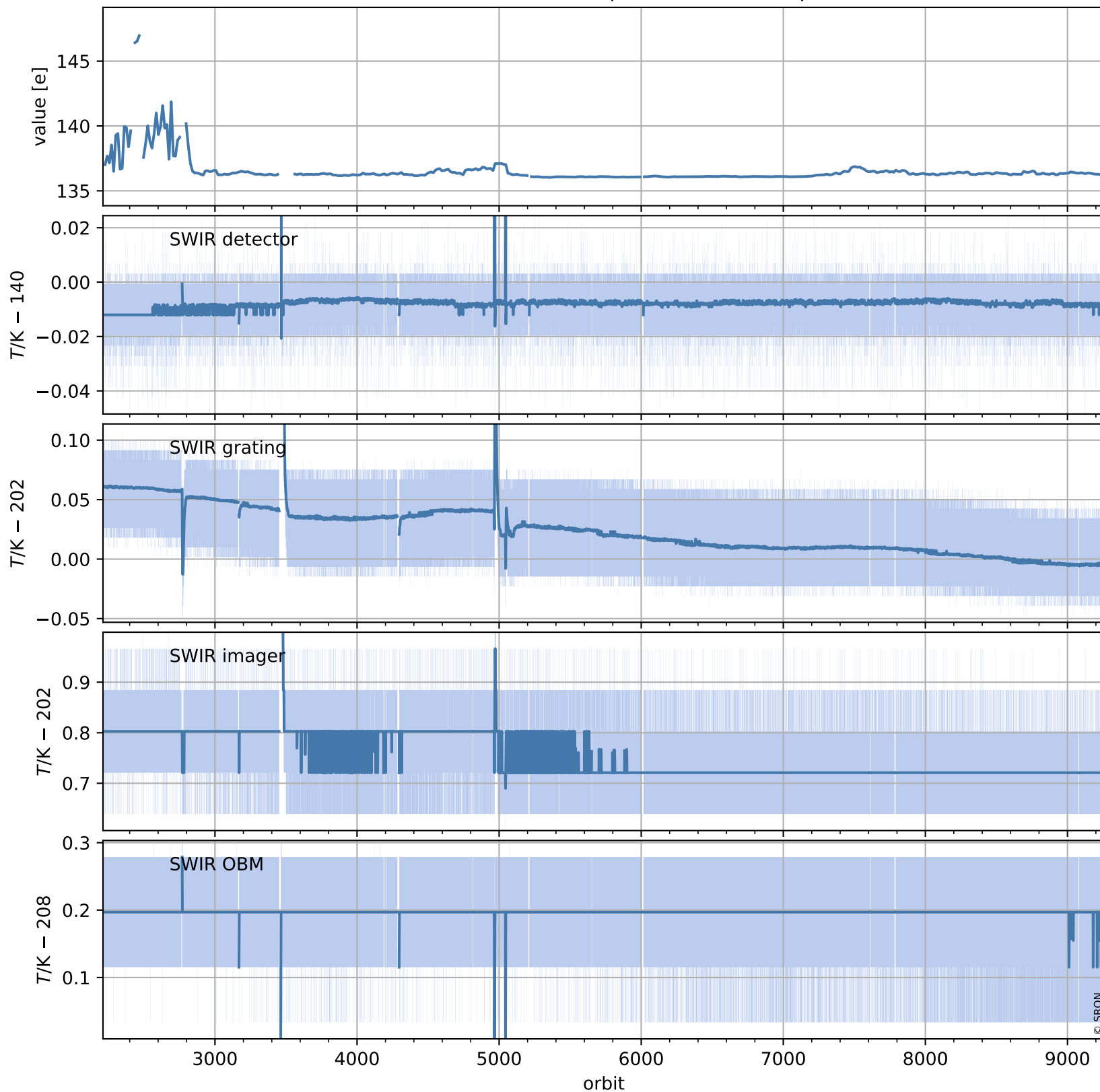
orbits : 12 in [9172, 9262]
coverage : 2019-07-22 / 2019-07-27
created : 2023-08-21T15:02:49



Tropomi SWIR background noise (swir)

orbits : [2212, 9262]
coverage : 2018-03-18 / 2019-07-27
created : 2023-08-21T15:02:50

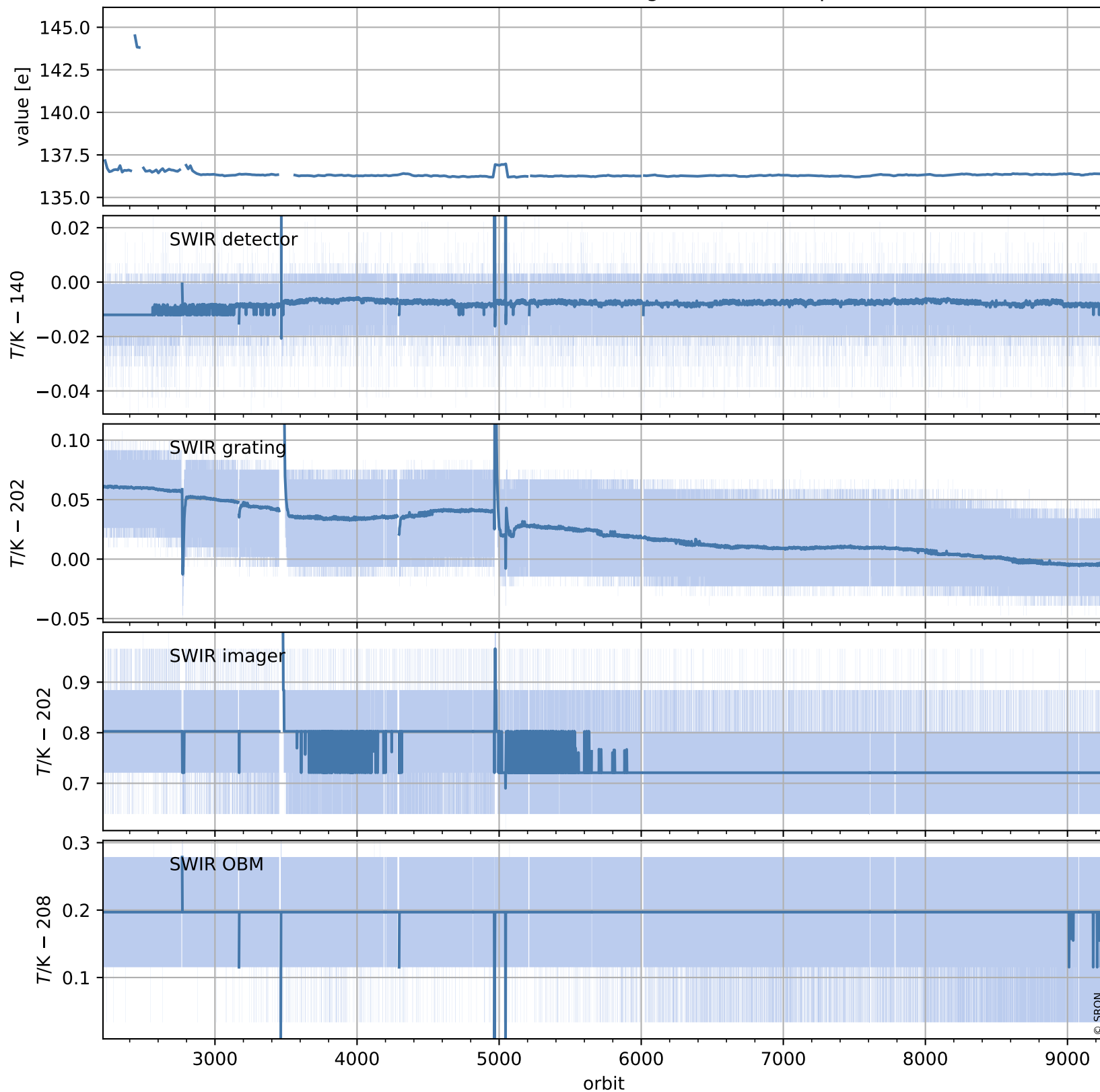
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9262]
coverage : 2018-03-18 / 2019-07-27
created : 2023-08-21T15:02:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9262]
coverage : 2018-03-18 / 2019-07-27
created : 2023-08-21T15:02:51

trend of normalized read-noise & temperatures

