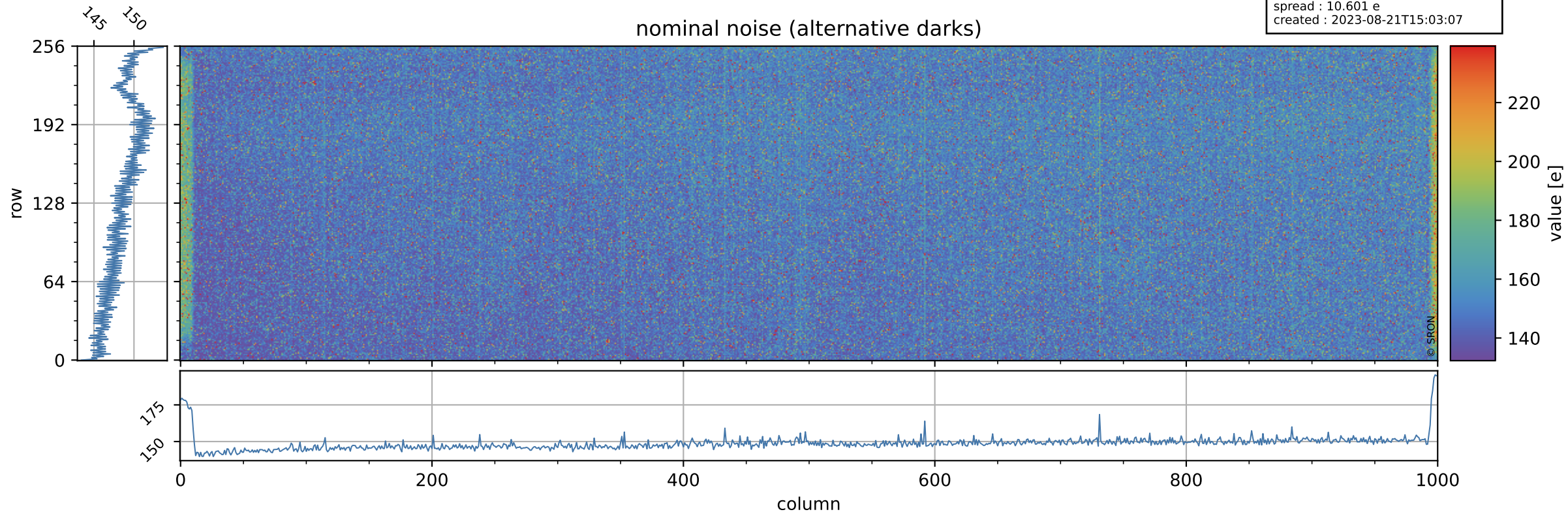


Tropomi SWIR background noise (swir)

orbits : 12 in [9217, 9307]
coverage : 2019-07-25 / 2019-07-31
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.601 e
created : 2023-08-21T15:03:07

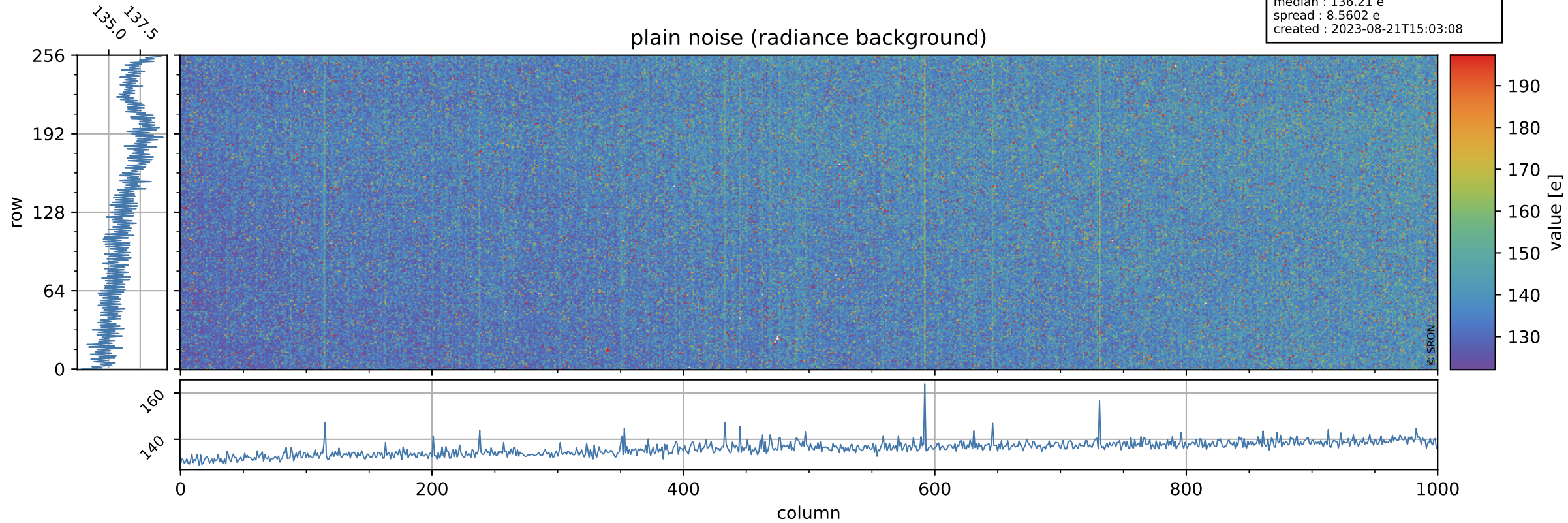
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9217, 9307]
coverage : 2019-07-25 / 2019-07-31
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.5602 e
created : 2023-08-21T15:03:08

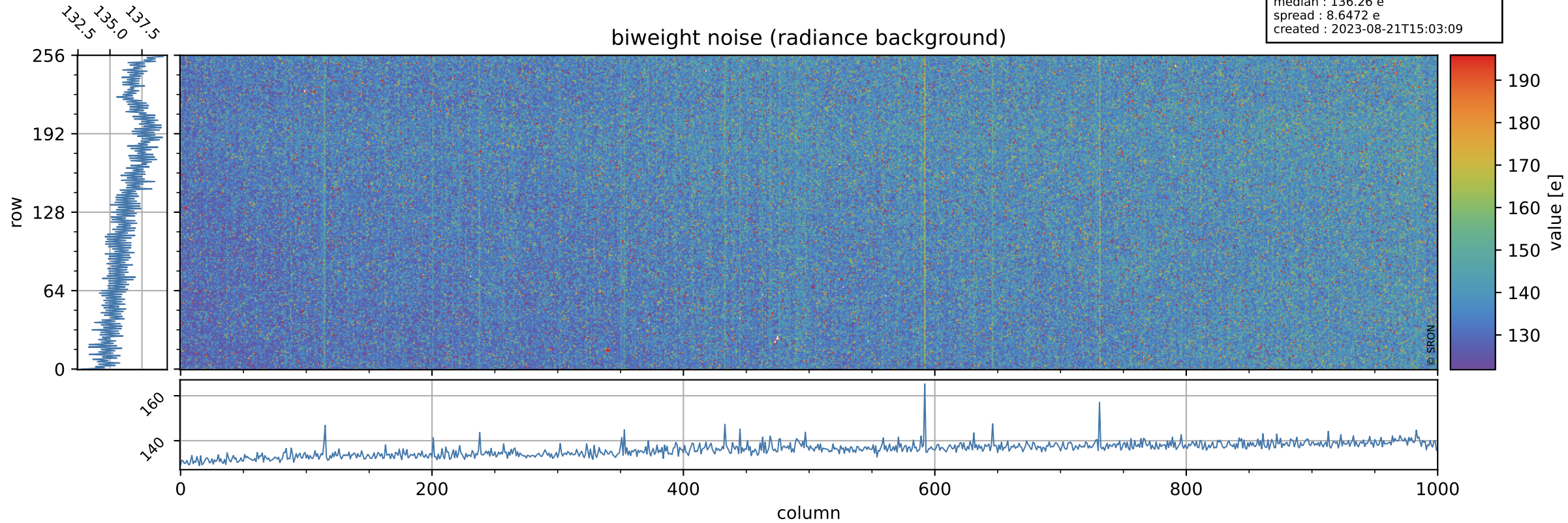
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9217, 9307]
coverage : 2019-07-25 / 2019-07-31
n_coad, t_exp : 2, 0.5383
median : 136.26 e
spread : 8.6472 e
created : 2023-08-21T15:03:09

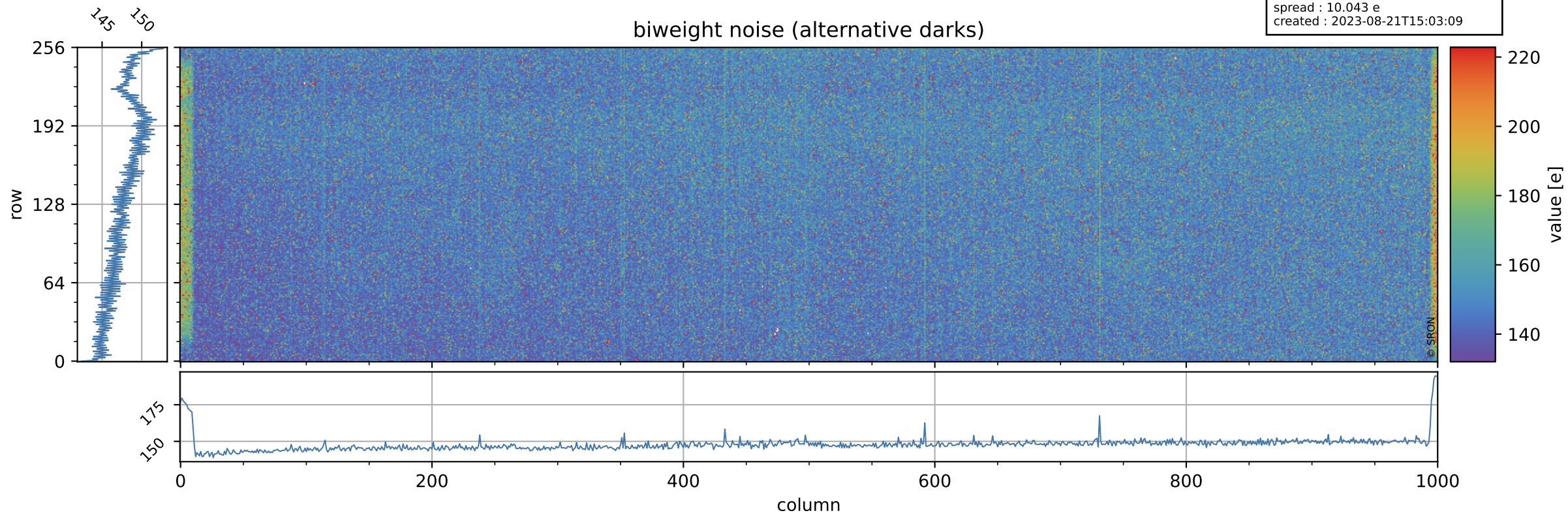
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9217, 9307]
coverage : 2019-07-25 / 2019-07-31
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.043 e
created : 2023-08-21T15:03:09

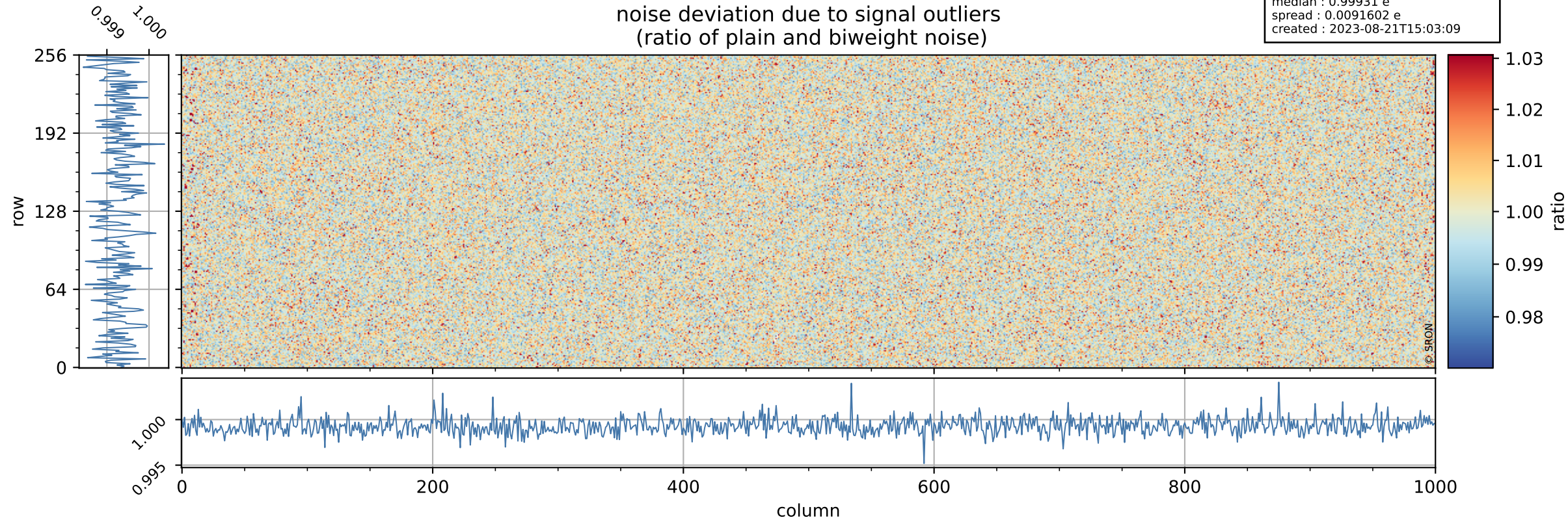
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

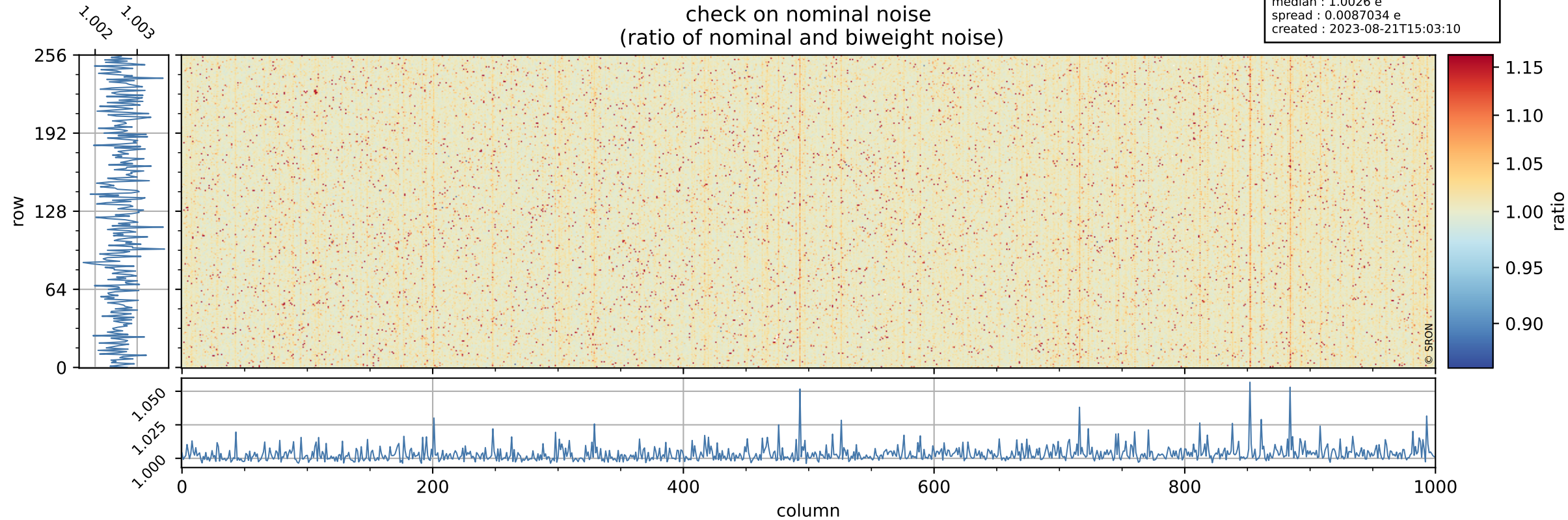
orbits : 12 in [9217, 9307]
coverage : 2019-07-25 / 2019-07-31
median : 0.99931 e
spread : 0.0091602 e
created : 2023-08-21T15:03:09



Tropomi SWIR background noise (swir)

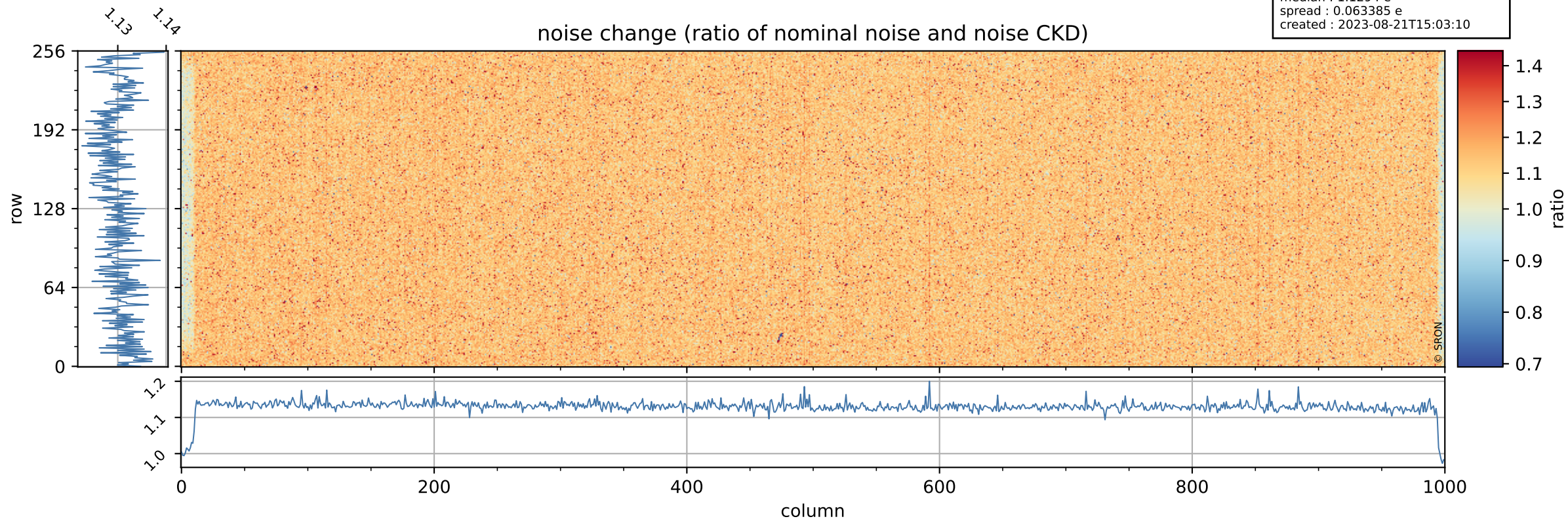
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9217, 9307]
coverage : 2019-07-25 / 2019-07-31
median : 1.0026 e
spread : 0.0087034 e
created : 2023-08-21T15:03:10



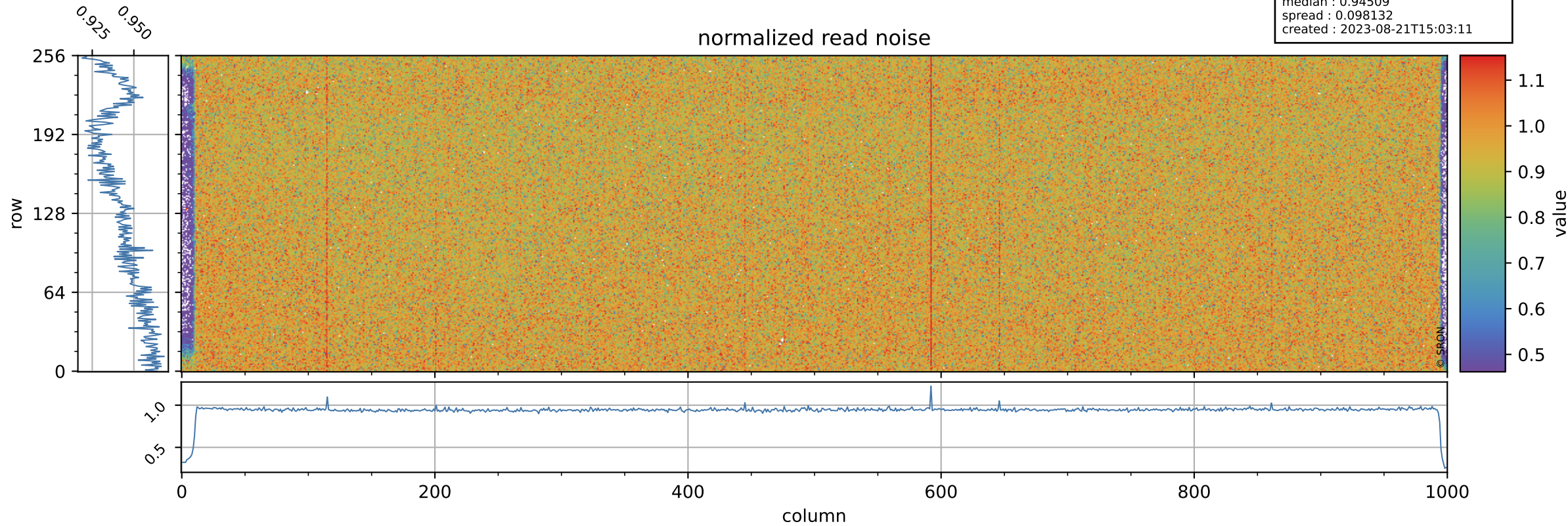
Tropomi SWIR background noise (swir)

orbits : 12 in [9217, 9307]
coverage : 2019-07-25 / 2019-07-31
median : 1.1294 e
spread : 0.063385 e
created : 2023-08-21T15:03:10



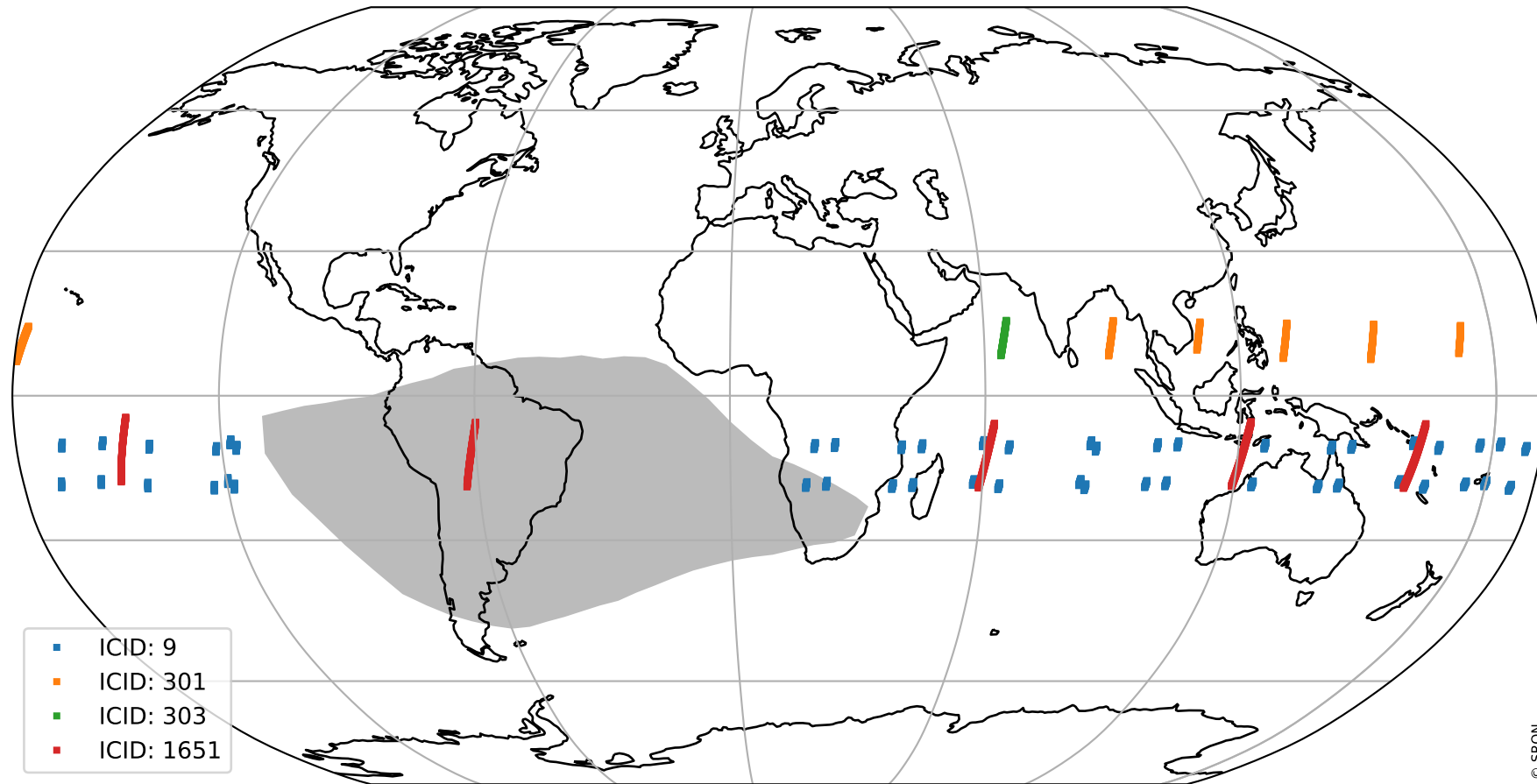
Tropomi SWIR background noise (swir)

orbits : 12 in [9217, 9307]
coverage : 2019-07-25 / 2019-07-31
median : 0.94509
spread : 0.098132
created : 2023-08-21T15:03:11



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

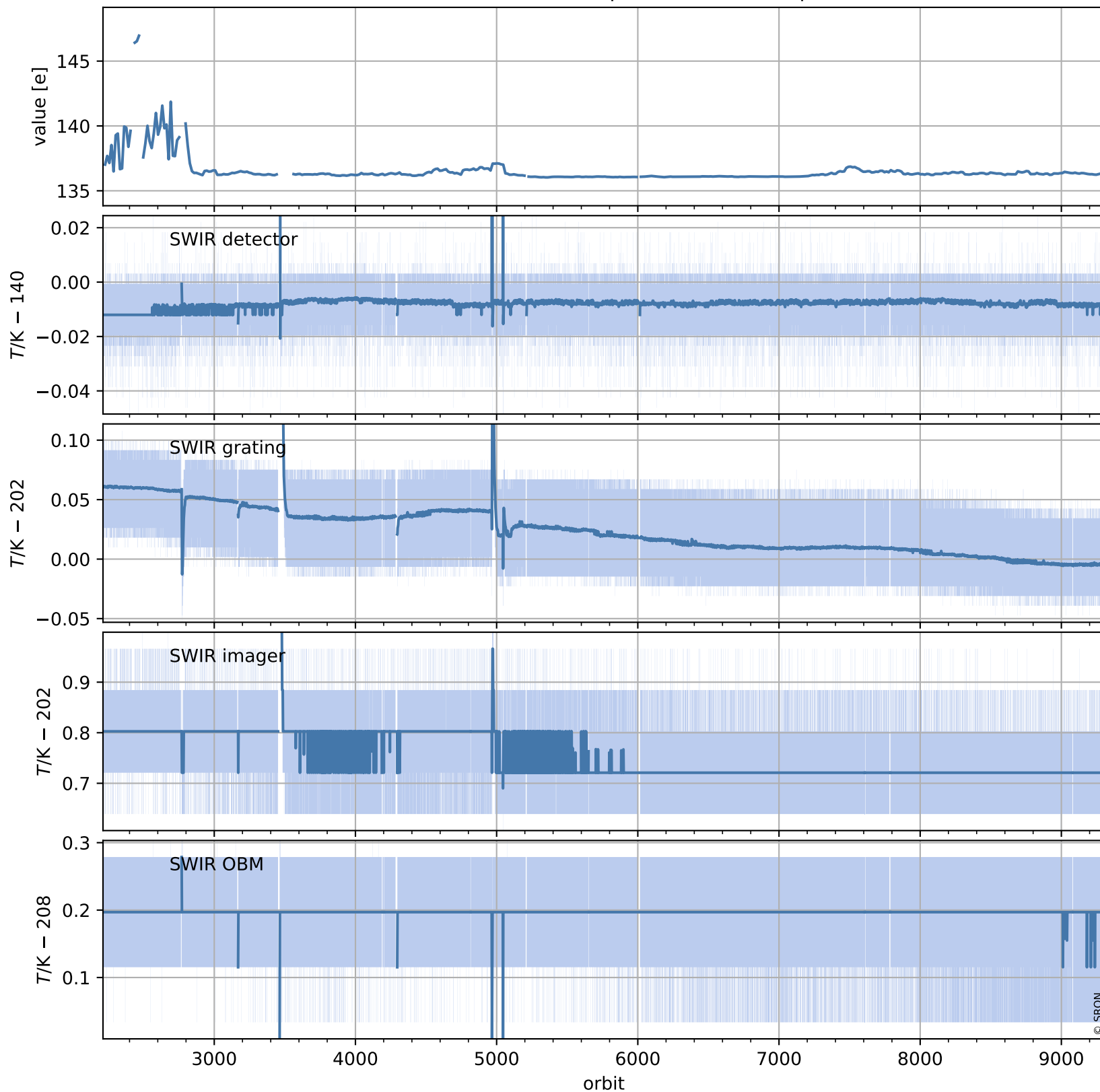
orbits : 12 in [9217, 9307]
coverage : 2019-07-25 / 2019-07-31
created : 2023-08-21T15:03:11



Tropomi SWIR background noise (swir)

orbits : [2212, 9307]
coverage : 2018-03-18 / 2019-07-31
created : 2023-08-21T15:03:11

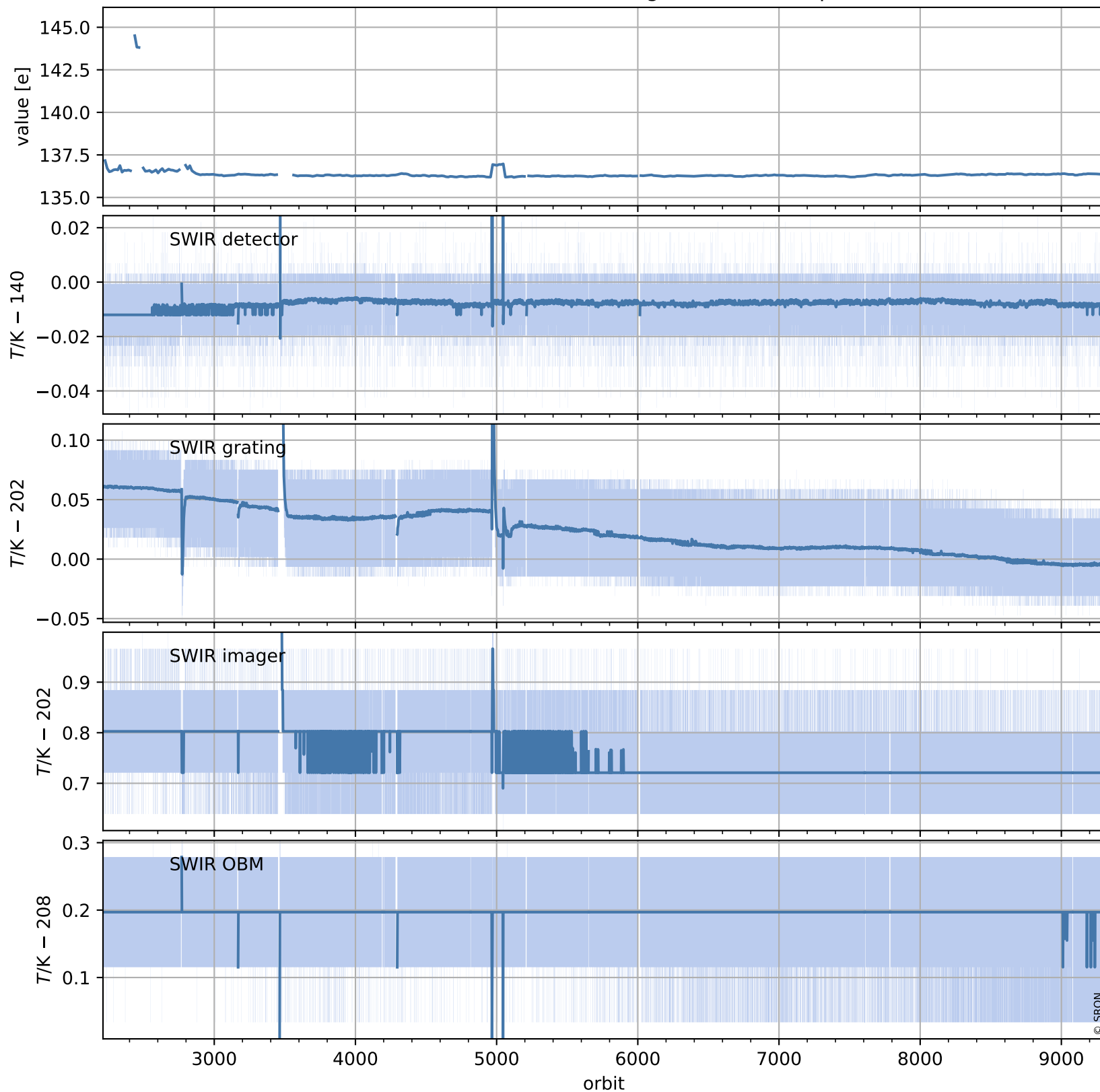
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9307]
coverage : 2018-03-18 / 2019-07-31
created : 2023-08-21T15:03:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9307]
coverage : 2018-03-18 / 2019-07-31
created : 2023-08-21T15:03:13

trend of normalized read-noise & temperatures

