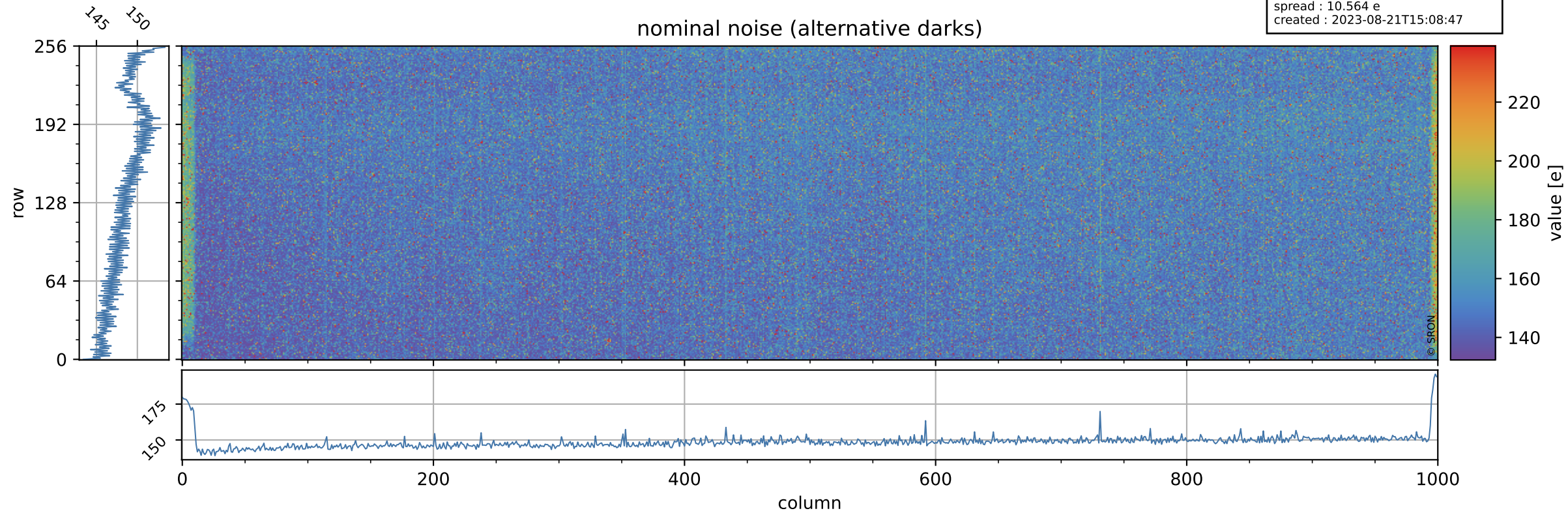


Tropomi SWIR background noise (swir)

orbits : 12 in [9937, 10027]
coverage : 2019-09-14 / 2019-09-20
n_coad, t_exp : 1, 1.0783
median : 148.42 e
spread : 10.564 e
created : 2023-08-21T15:08:47

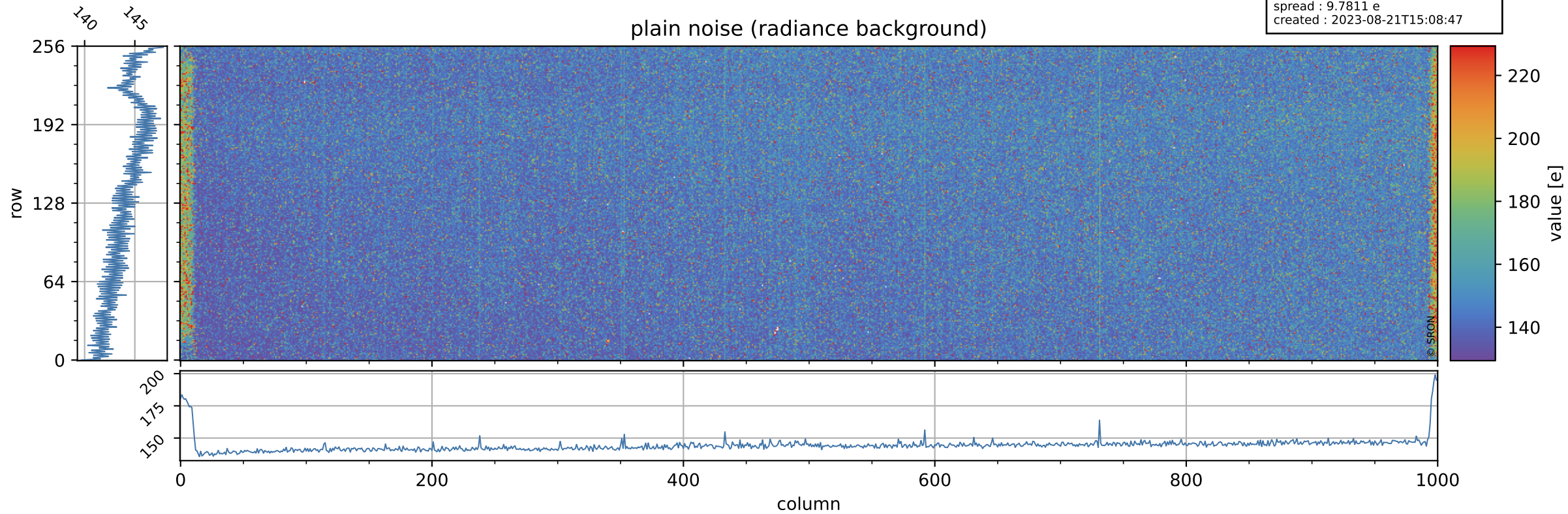
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9937, 10027]
coverage : 2019-09-14 / 2019-09-20
n_coad, t_exp : 1, 0.8383
median : 143.96 e
spread : 9.7811 e
created : 2023-08-21T15:08:47

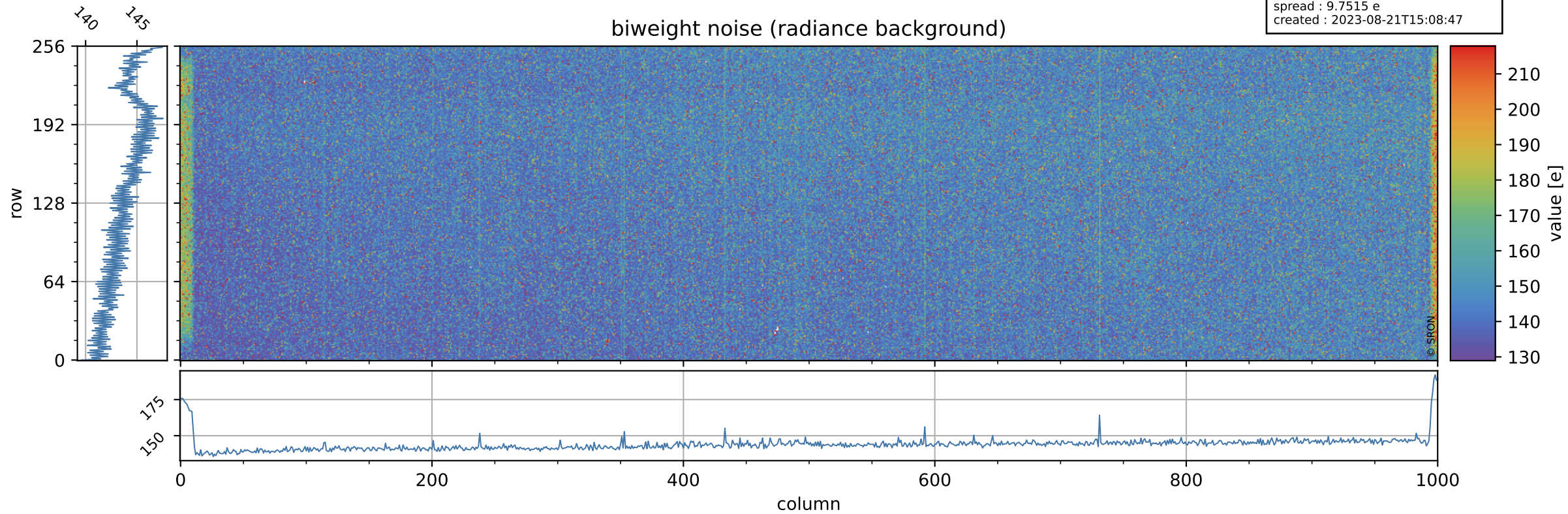
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9937, 10027]
coverage : 2019-09-14 / 2019-09-20
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.7515 e
created : 2023-08-21T15:08:47

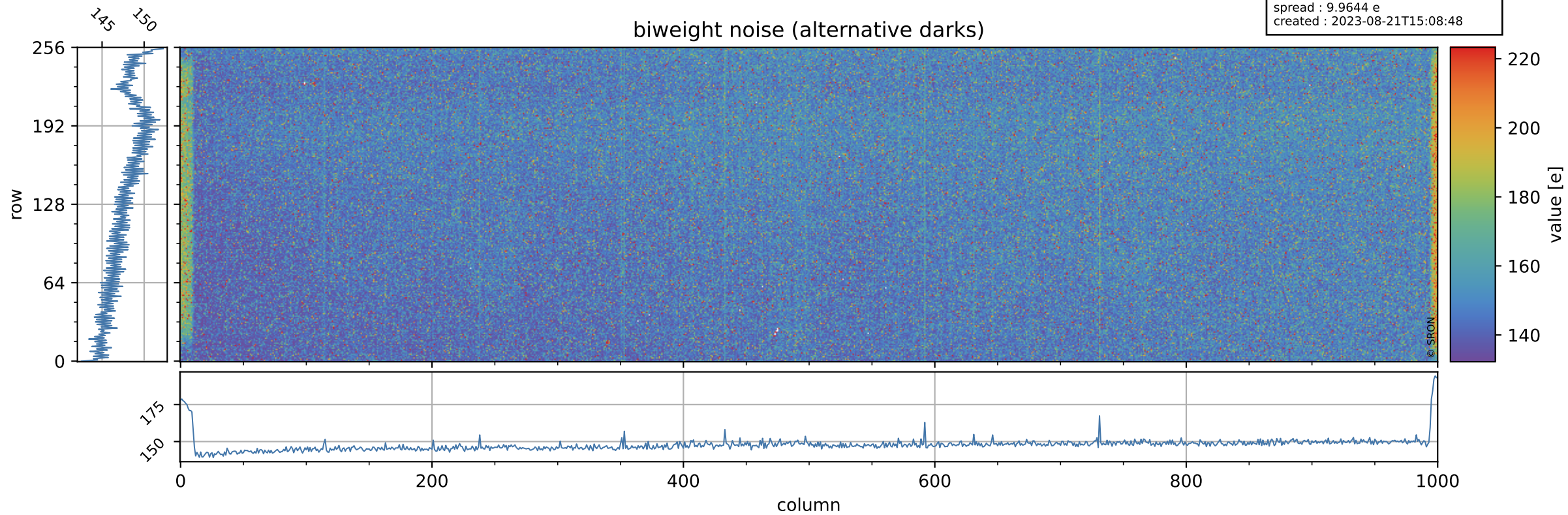
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9937, 10027]
coverage : 2019-09-14 / 2019-09-20
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.9644 e
created : 2023-08-21T15:08:48

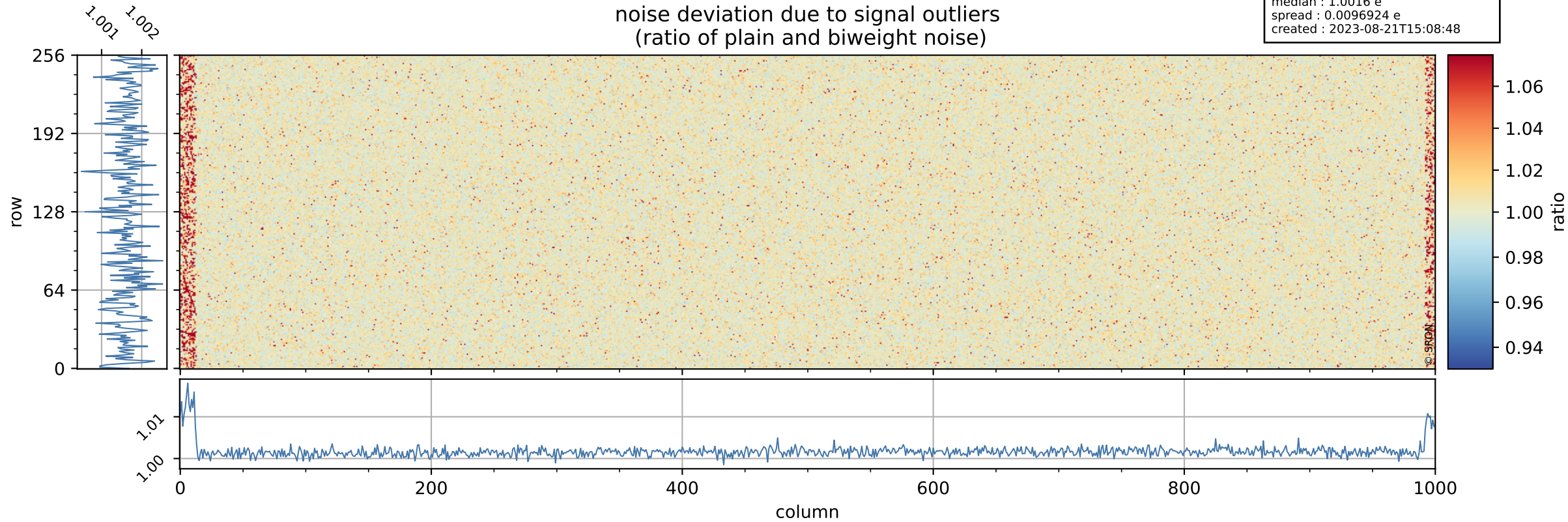
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

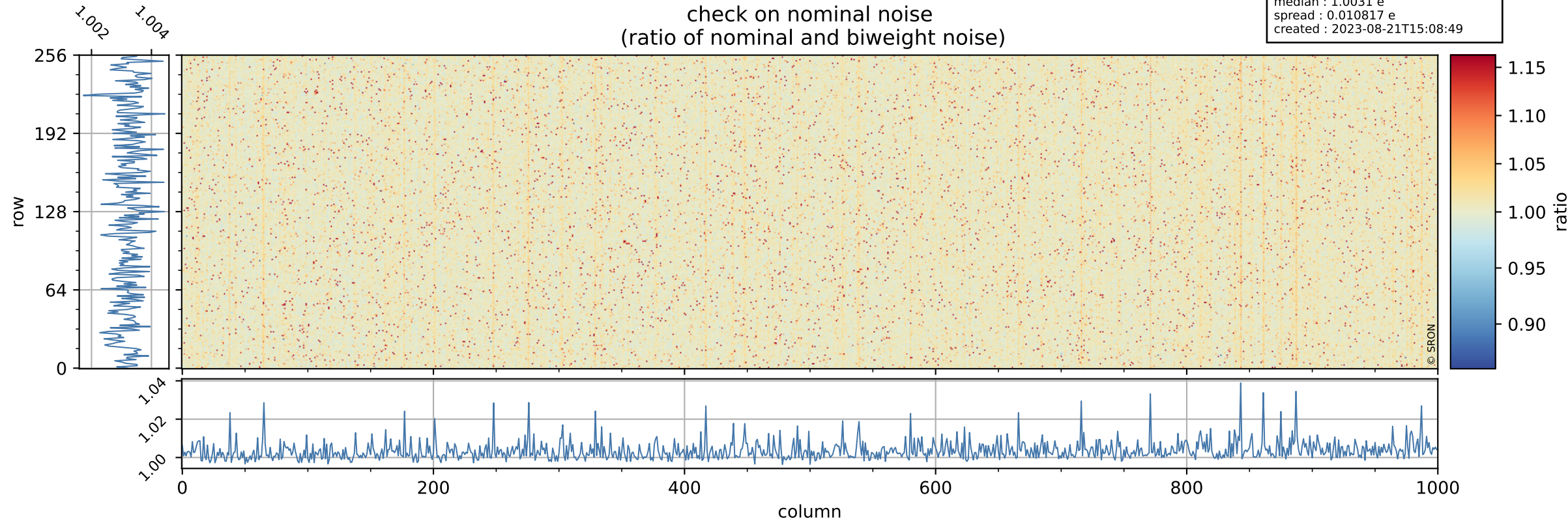
orbits : 12 in [9937, 10027]
coverage : 2019-09-14 / 2019-09-20
median : 1.0016 e
spread : 0.0096924 e
created : 2023-08-21T15:08:48



Tropomi SWIR background noise (swir)

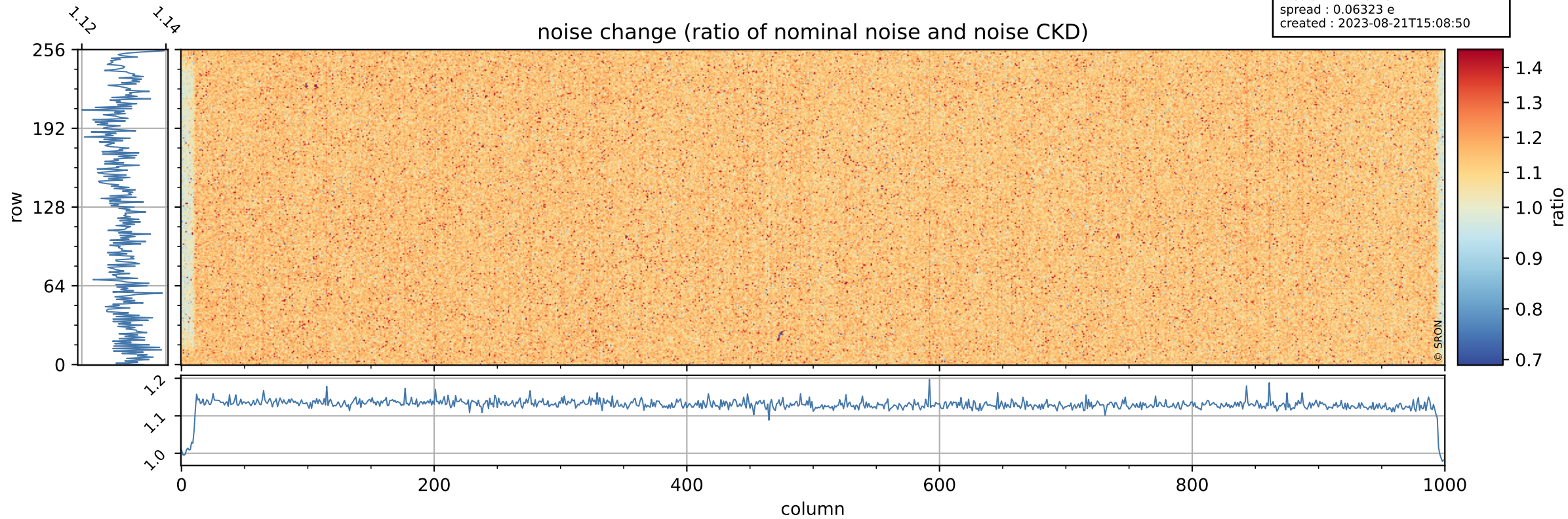
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9937, 10027]
coverage : 2019-09-14 / 2019-09-20
median : 1.0031 e
spread : 0.010817 e
created : 2023-08-21T15:08:49



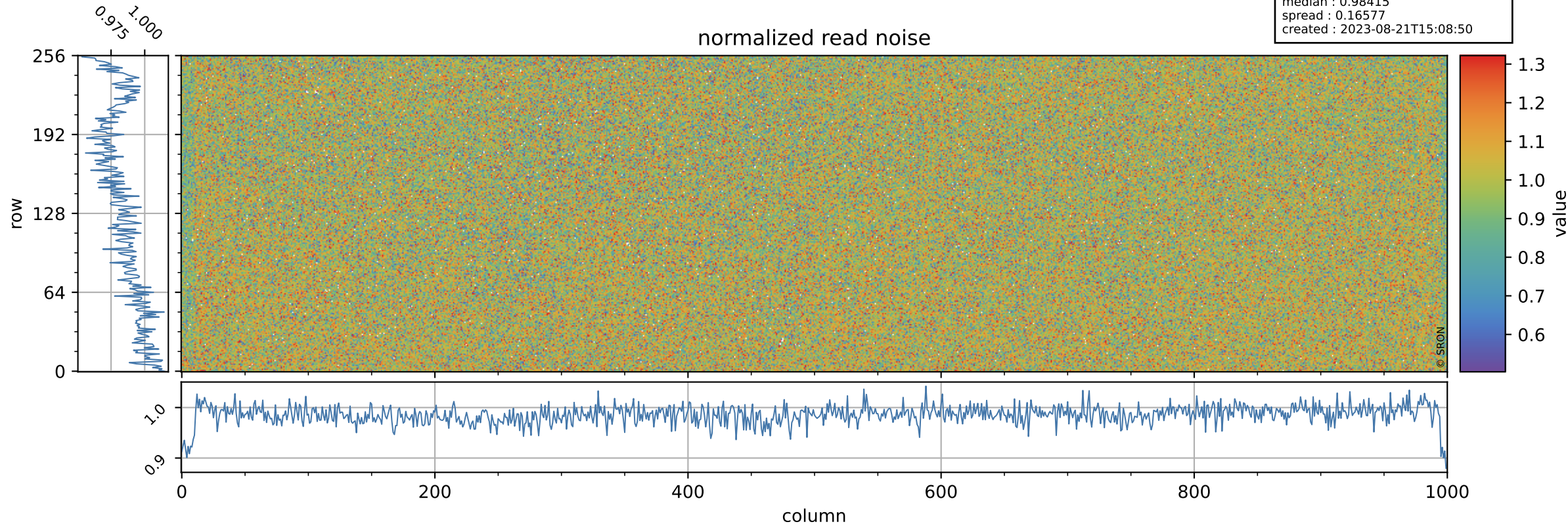
Tropomi SWIR background noise (swir)

orbits : 12 in [9937, 10027]
coverage : 2019-09-14 / 2019-09-20
median : 1.1291 e
spread : 0.06323 e
created : 2023-08-21T15:08:50



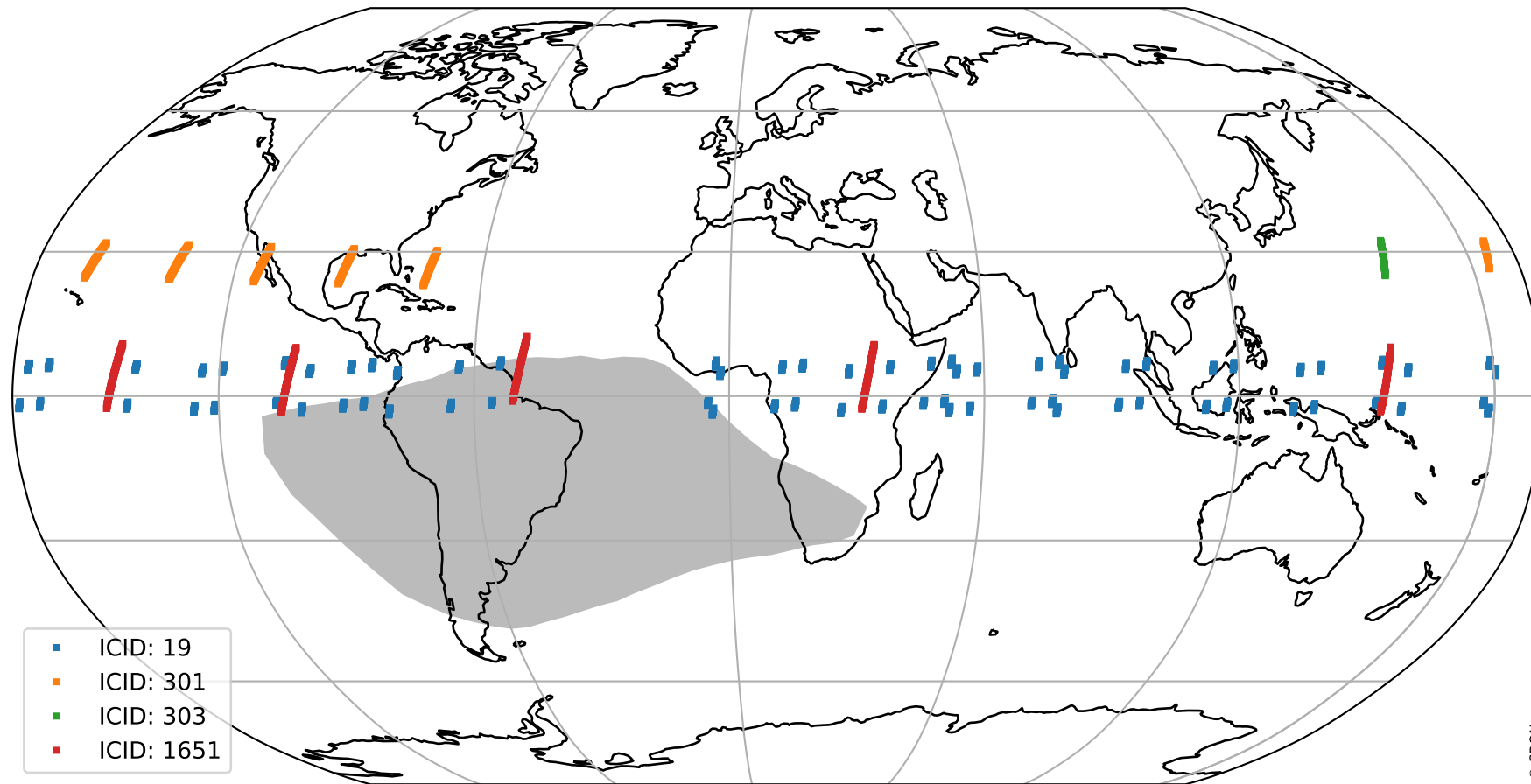
Tropomi SWIR background noise (swir)

orbits : 12 in [9937, 10027]
coverage : 2019-09-14 / 2019-09-20
median : 0.98415
spread : 0.16577
created : 2023-08-21T15:08:50



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

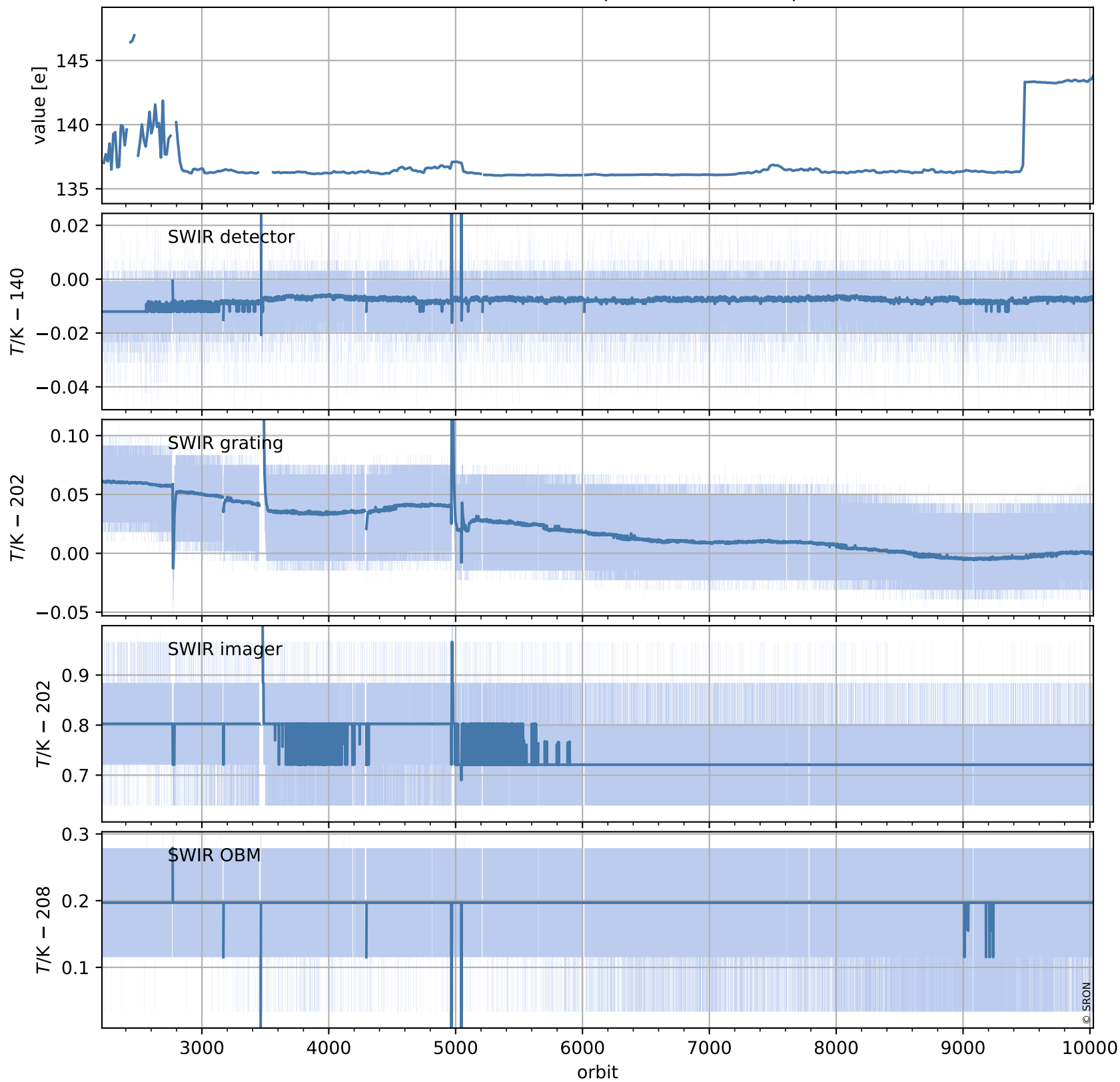
orbits : 12 in [9937, 10027]
coverage : 2019-09-14 / 2019-09-20
created : 2023-08-21T15:08:50



Tropomi SWIR background noise (swir)

orbits : [2212, 10027]
coverage : 2018-03-18 / 2019-09-20
created : 2023-08-21T15:08:51

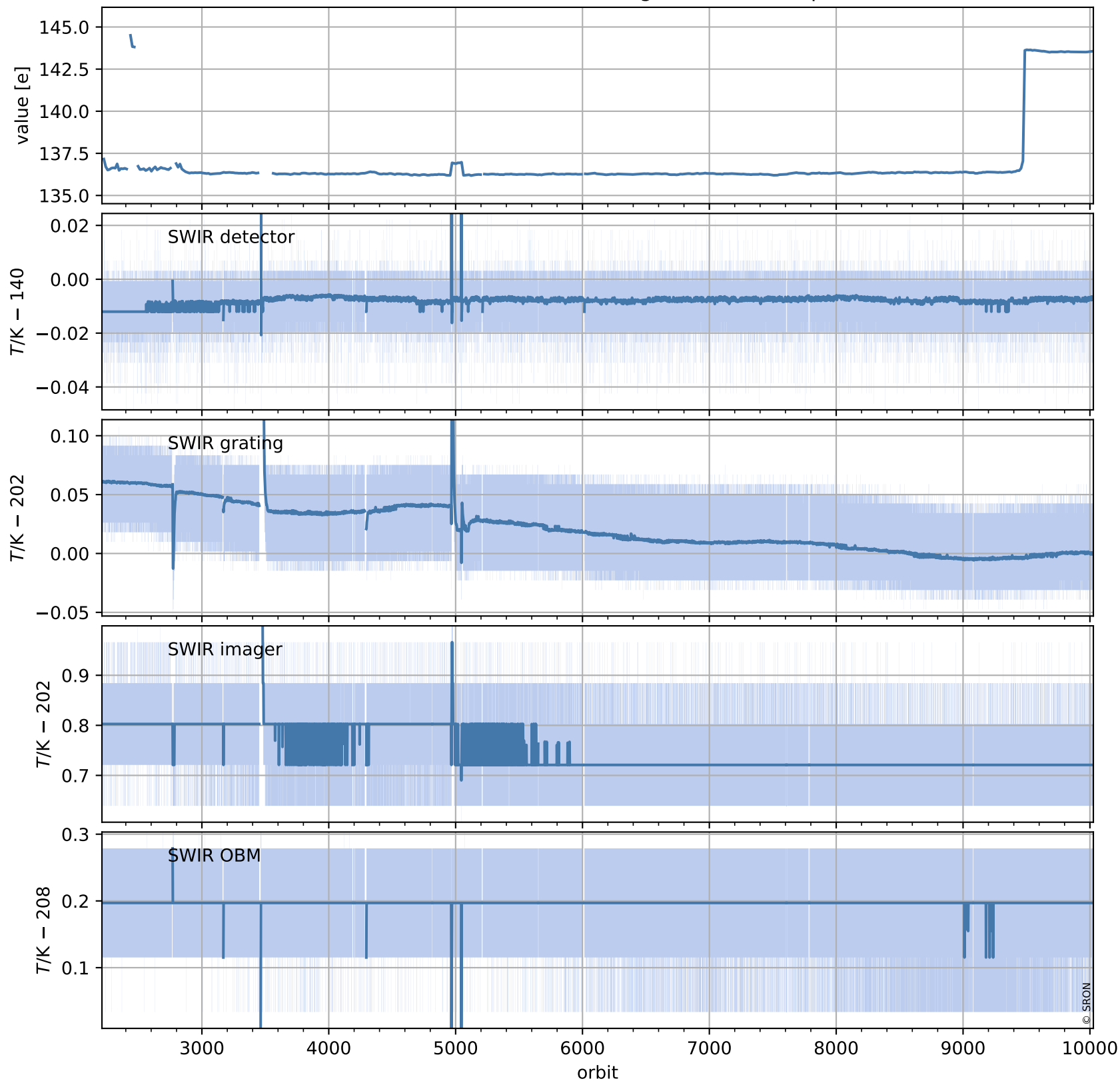
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10027]
coverage : 2018-03-18 / 2019-09-20
created : 2023-08-21T15:08:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10027]
coverage : 2018-03-18 / 2019-09-20
created : 2023-08-21T15:08:53

trend of normalized read-noise & temperatures

