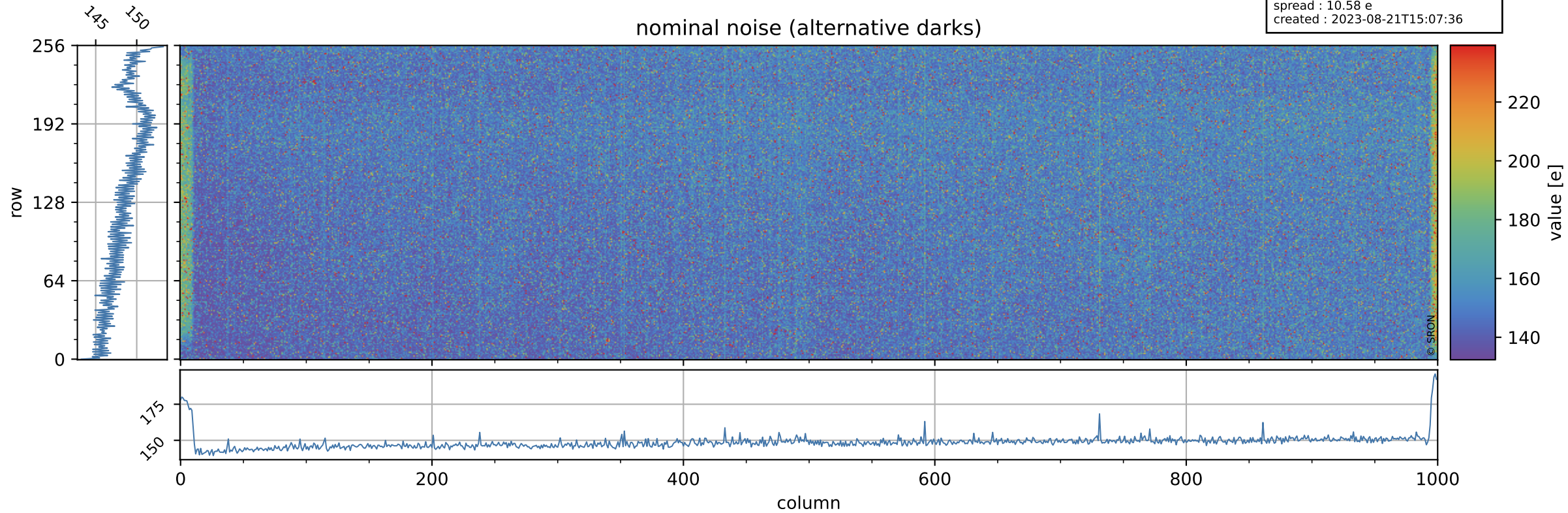


Tropomi SWIR background noise (swir)

orbits : 12 in [9787, 9877]
coverage : 2019-09-03 / 2019-09-09
n_coad, t_exp : 1, 1.0783
median : 148.43 e
spread : 10.58 e
created : 2023-08-21T15:07:36

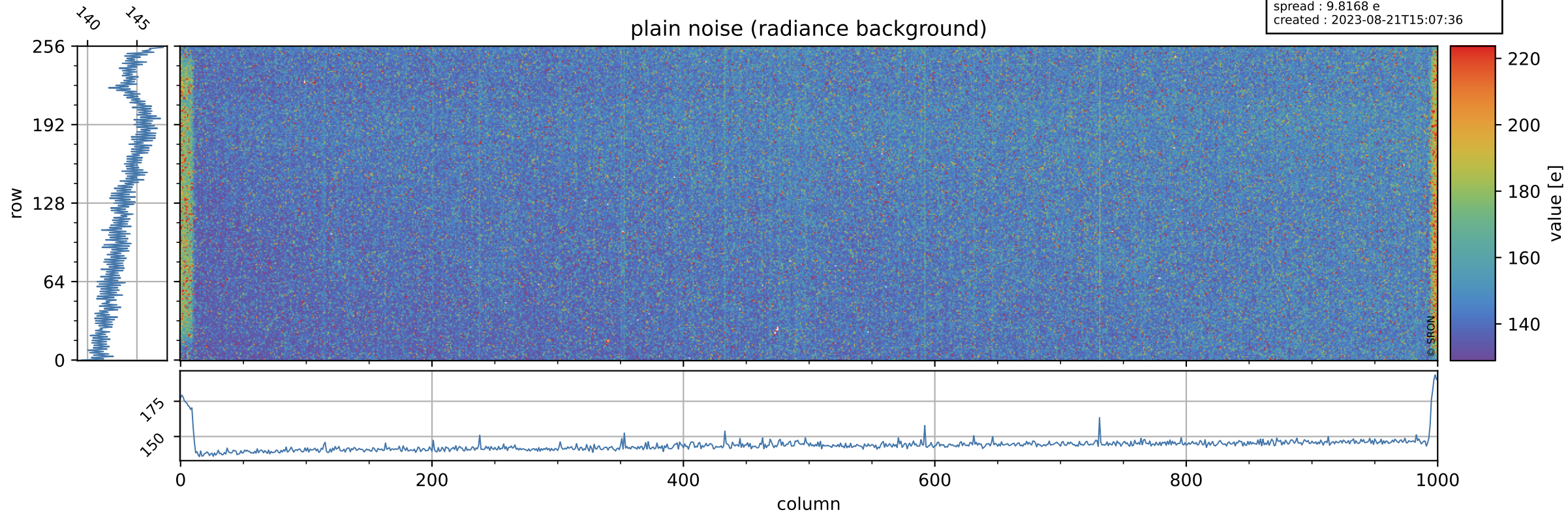
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9787, 9877]
coverage : 2019-09-03 / 2019-09-09
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.8168 e
created : 2023-08-21T15:07:36

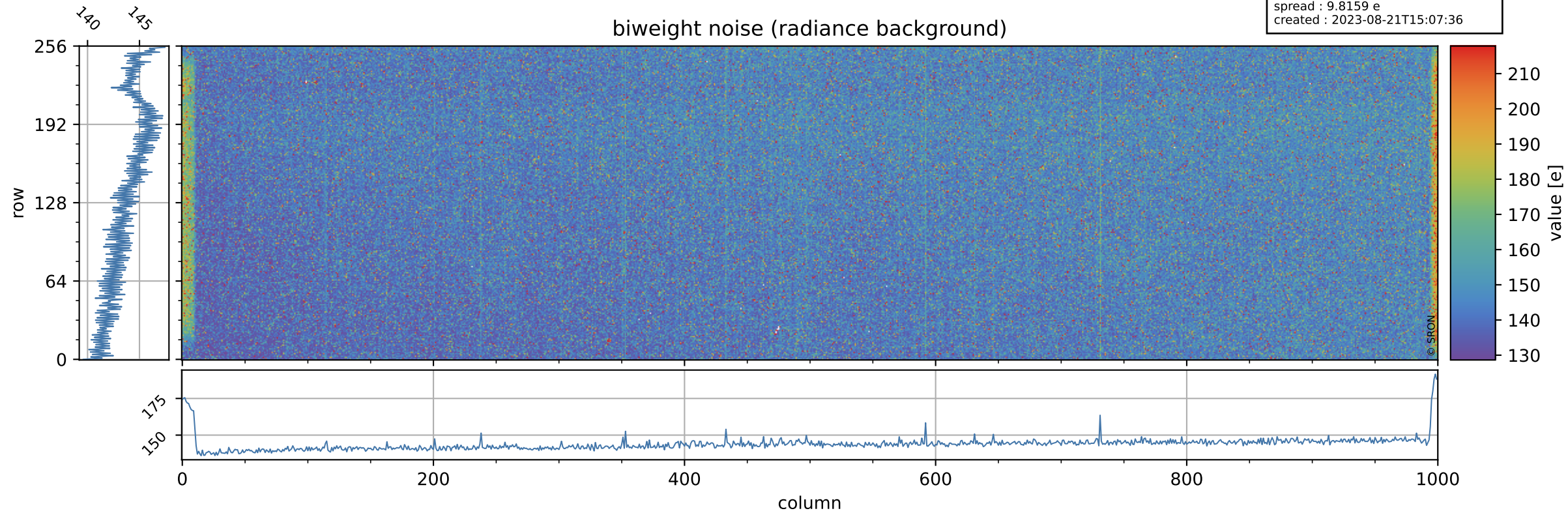
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9787, 9877]
coverage : 2019-09-03 / 2019-09-09
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.8159 e
created : 2023-08-21T15:07:36

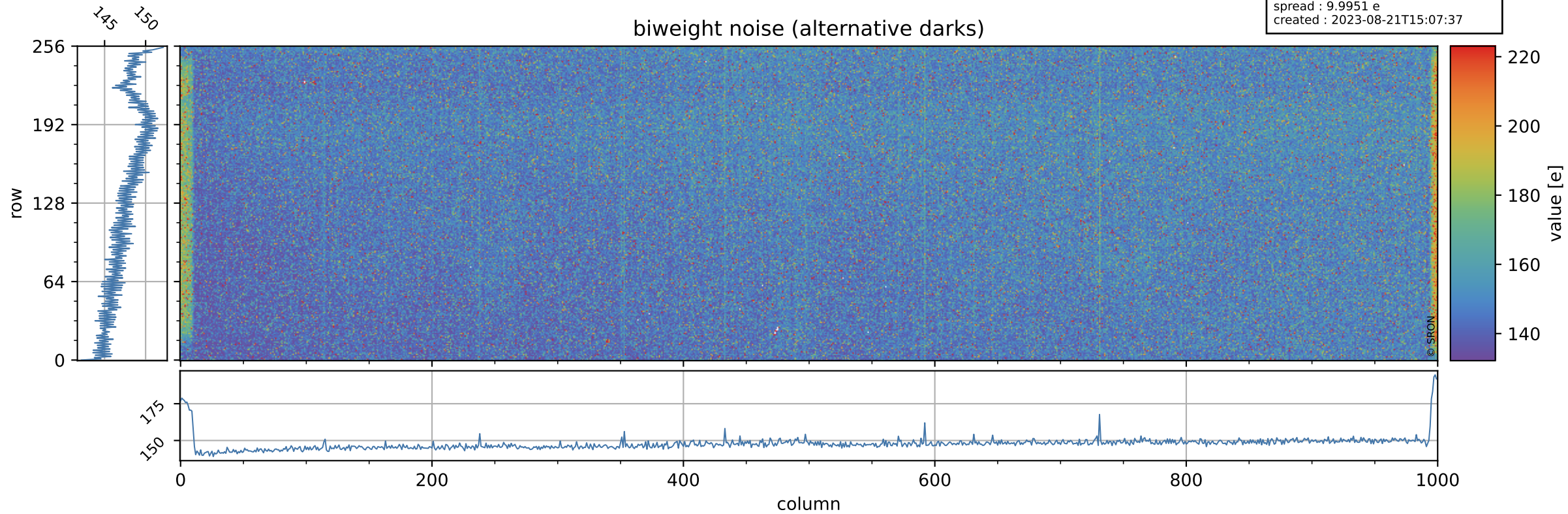
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9787, 9877]
coverage : 2019-09-03 / 2019-09-09
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 9.9951 e
created : 2023-08-21T15:07:37

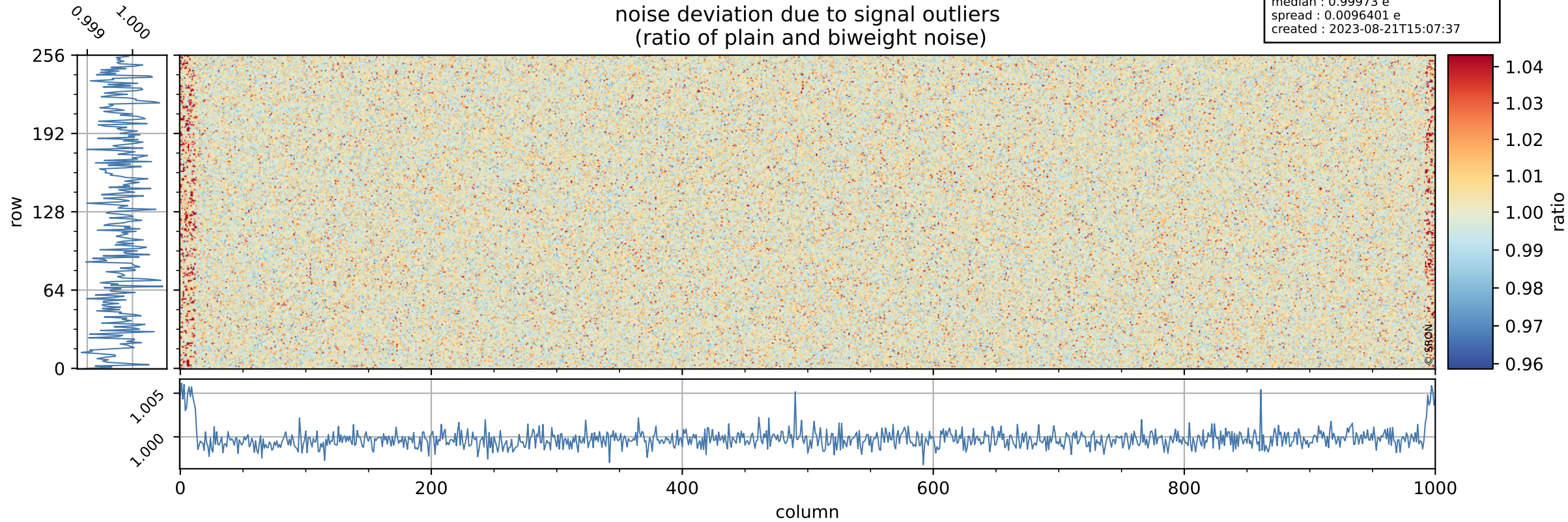
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

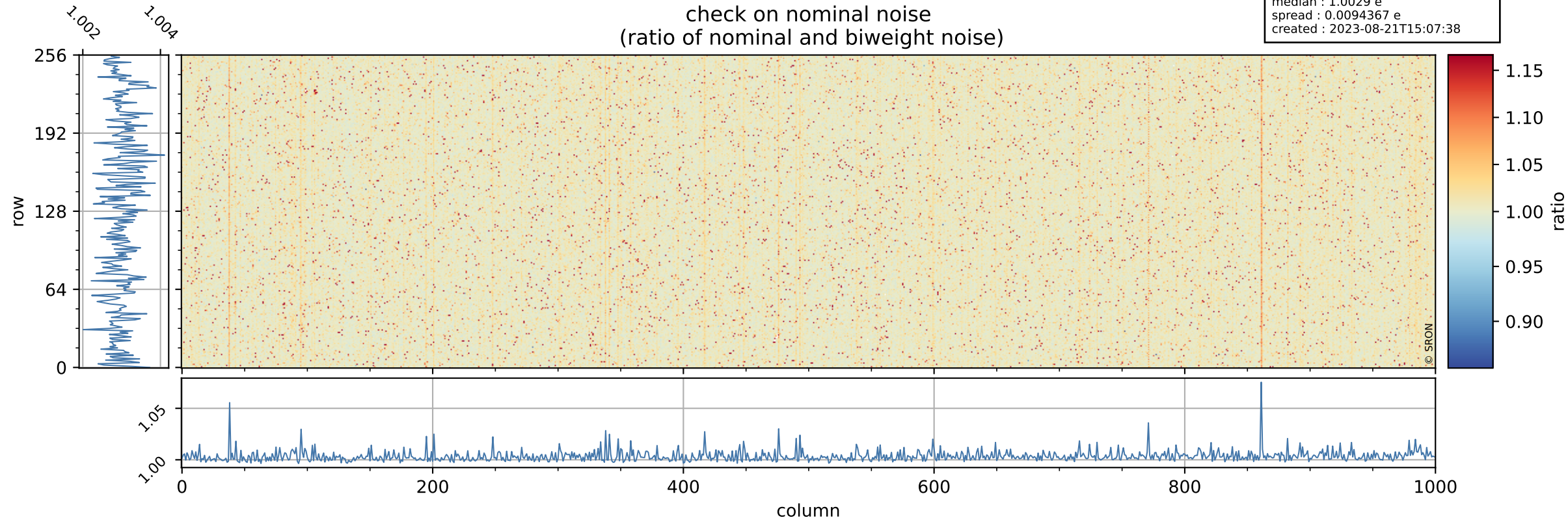
orbits : 12 in [9787, 9877]
coverage : 2019-09-03 / 2019-09-09
median : 0.99973 e
spread : 0.0096401 e
created : 2023-08-21T15:07:37



Tropomi SWIR background noise (swir)

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

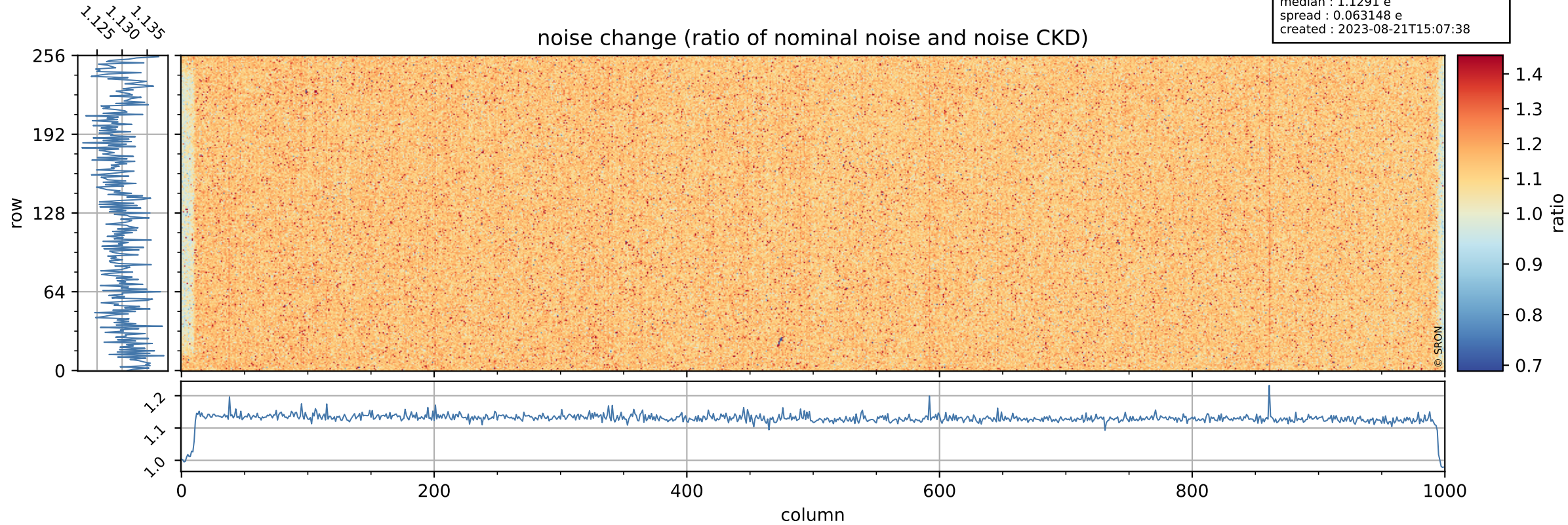
orbits : 12 in [9787, 9877]
coverage : 2019-09-03 / 2019-09-09
median : 1.0029 e
spread : 0.0094367 e
created : 2023-08-21T15:07:38



Tropomi SWIR background noise (swir)

orbits : 12 in [9787, 9877]
coverage : 2019-09-03 / 2019-09-09
median : 1.1291 e
spread : 0.063148 e
created : 2023-08-21T15:07:38

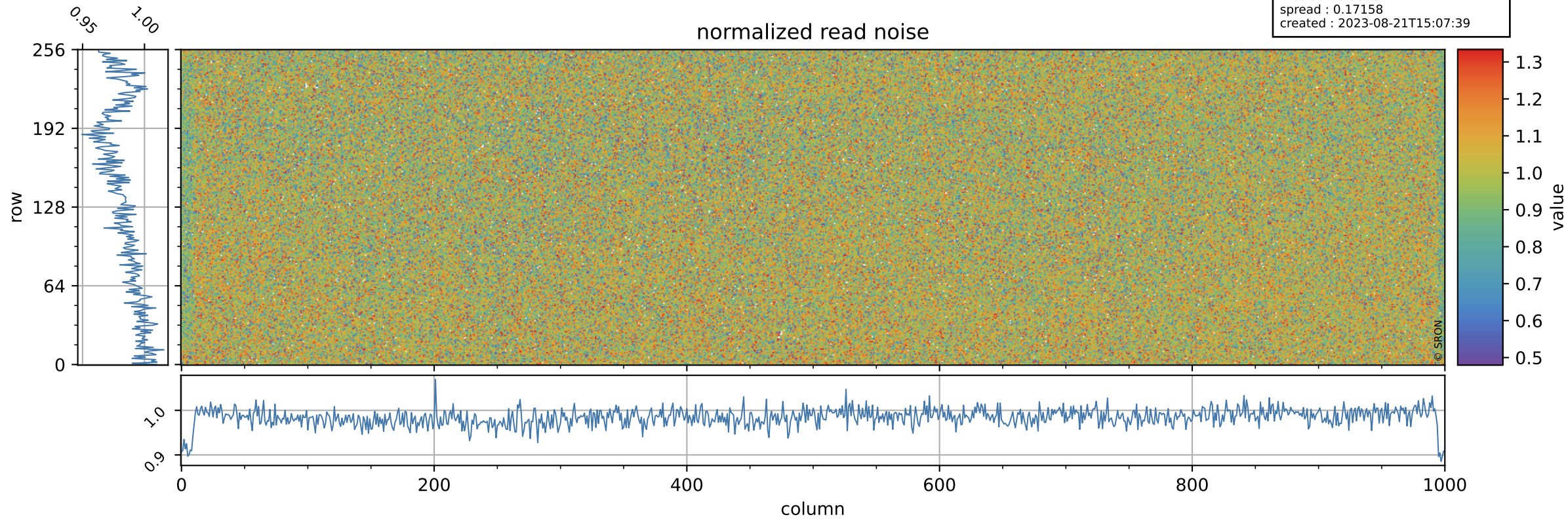
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

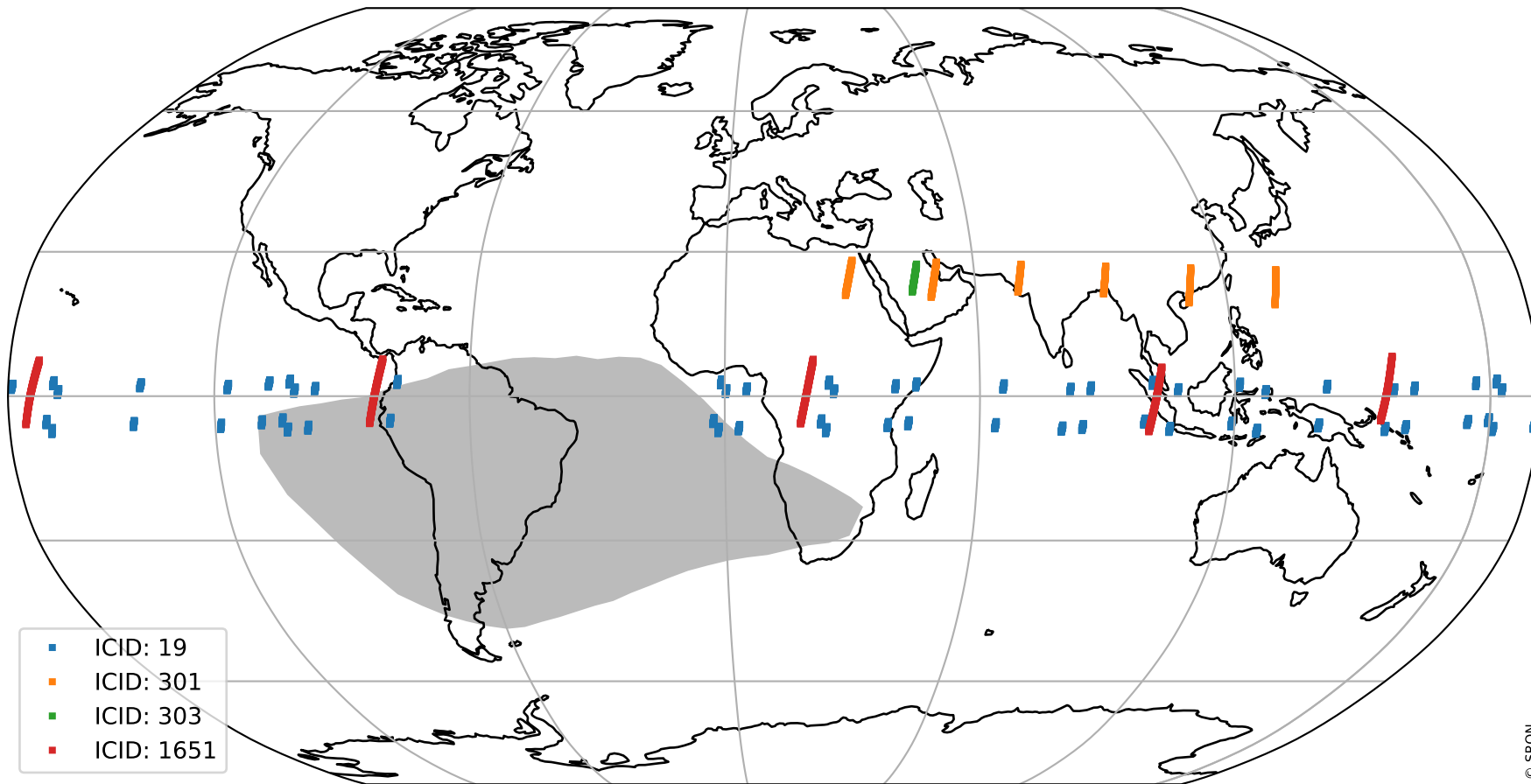
orbits : 12 in [9787, 9877]
coverage : 2019-09-03 / 2019-09-09
median : 0.9828
spread : 0.17158
created : 2023-08-21T15:07:39

normalized read noise



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

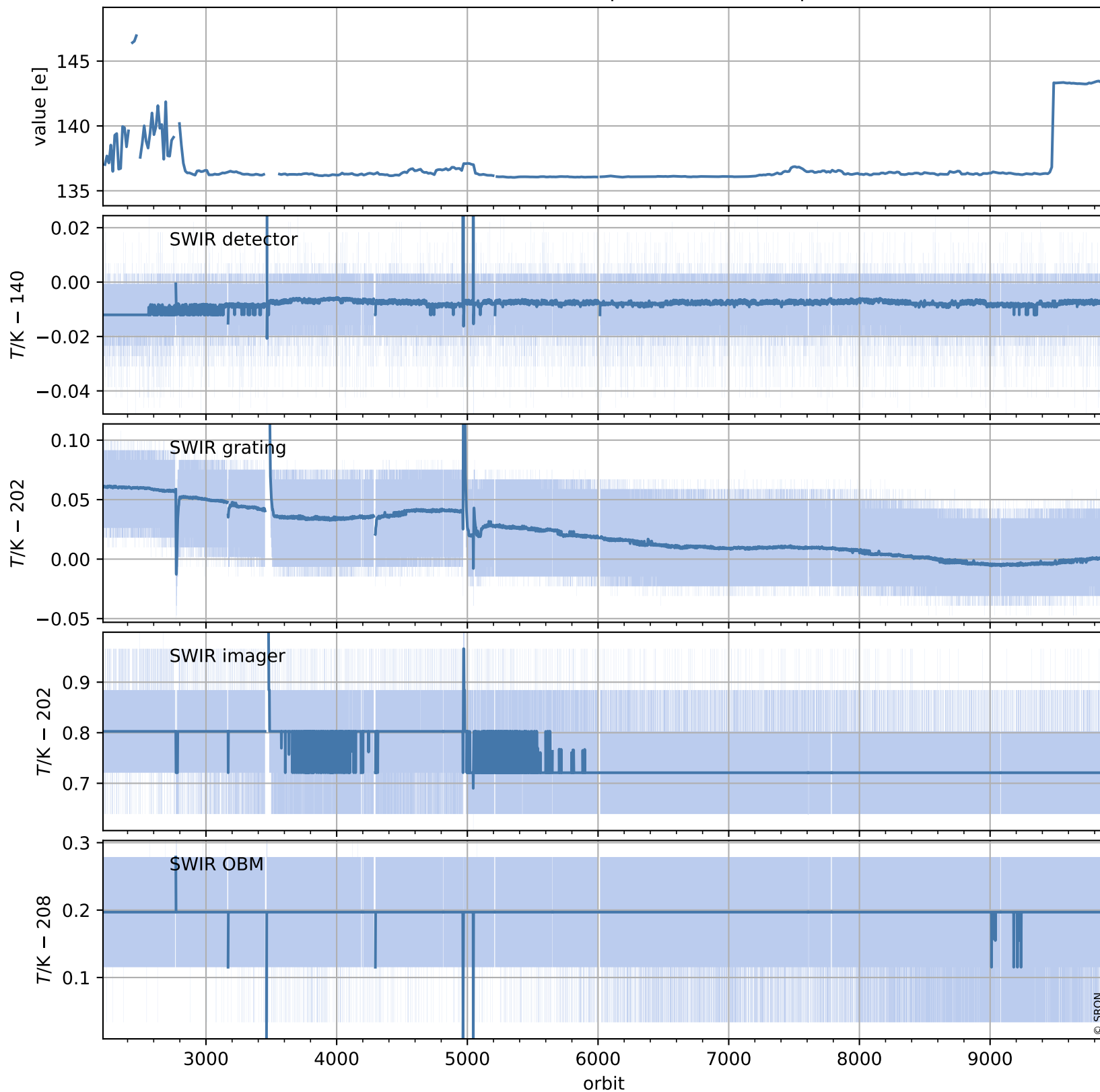
orbits : 12 in [9787, 9877]
coverage : 2019-09-03 / 2019-09-09
created : 2023-08-21T15:07:39



Tropomi SWIR background noise (swir)

orbits : [2212, 9877]
coverage : 2018-03-18 / 2019-09-09
created : 2023-08-21T15:07:39

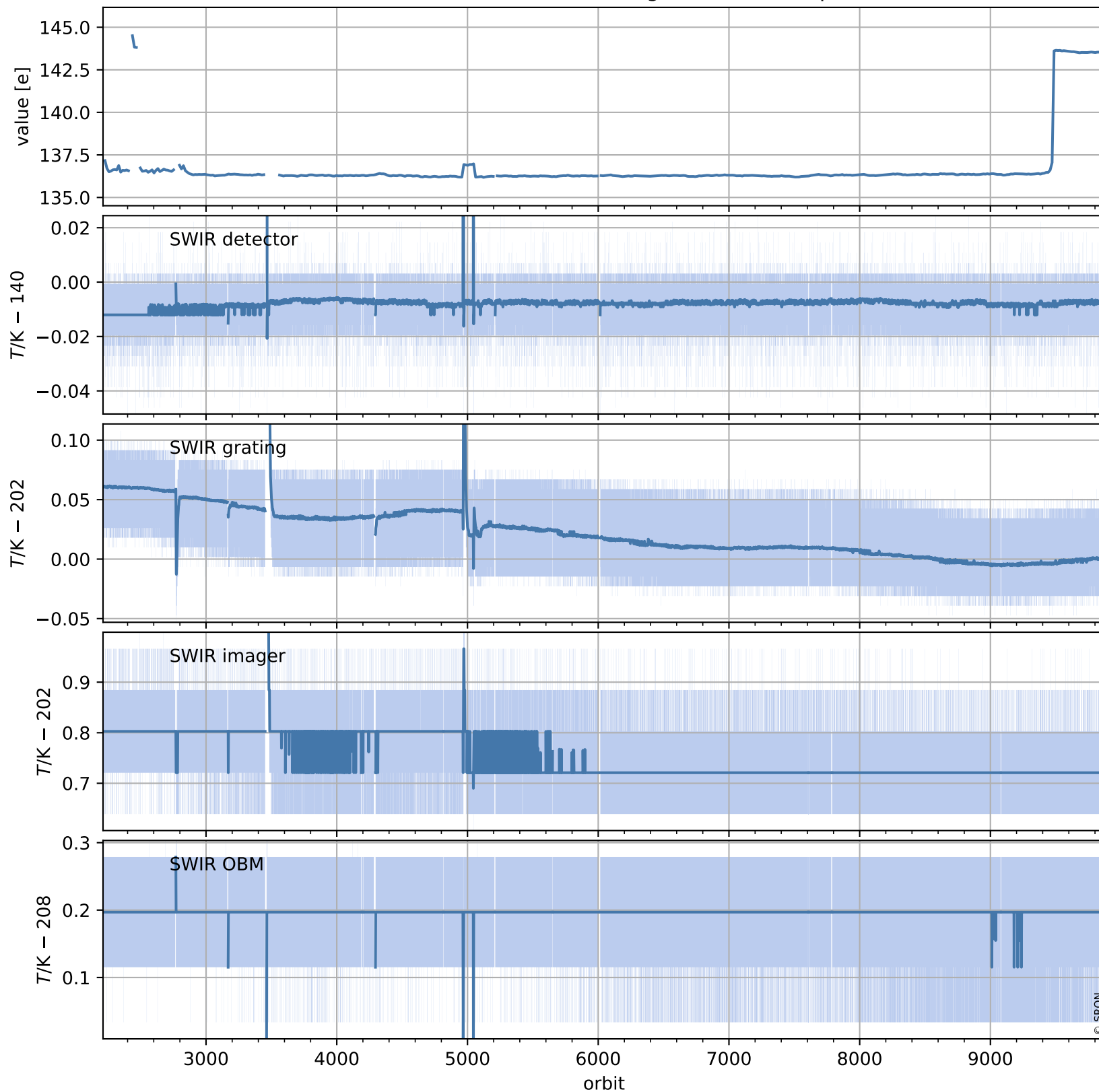
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9877]
coverage : 2018-03-18 / 2019-09-09
created : 2023-08-21T15:07:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9877]
coverage : 2018-03-18 / 2019-09-09
created : 2023-08-21T15:07:41

trend of normalized read-noise & temperatures

