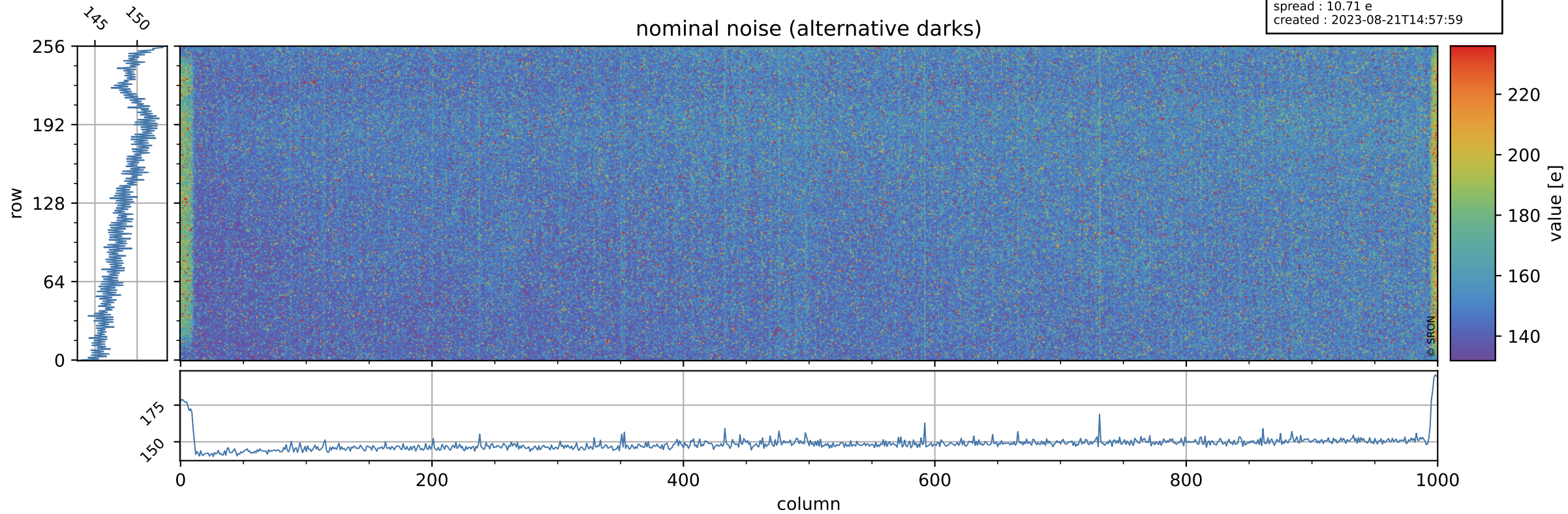


Tropomi SWIR background noise (swir)

orbits : 13 in [8572, 8647]
coverage : 2019-06-08 / 2019-06-14
n_coad, t_exp : 1, 1.0783
median : 148.37 e
spread : 10.71 e
created : 2023-08-21T14:57:59

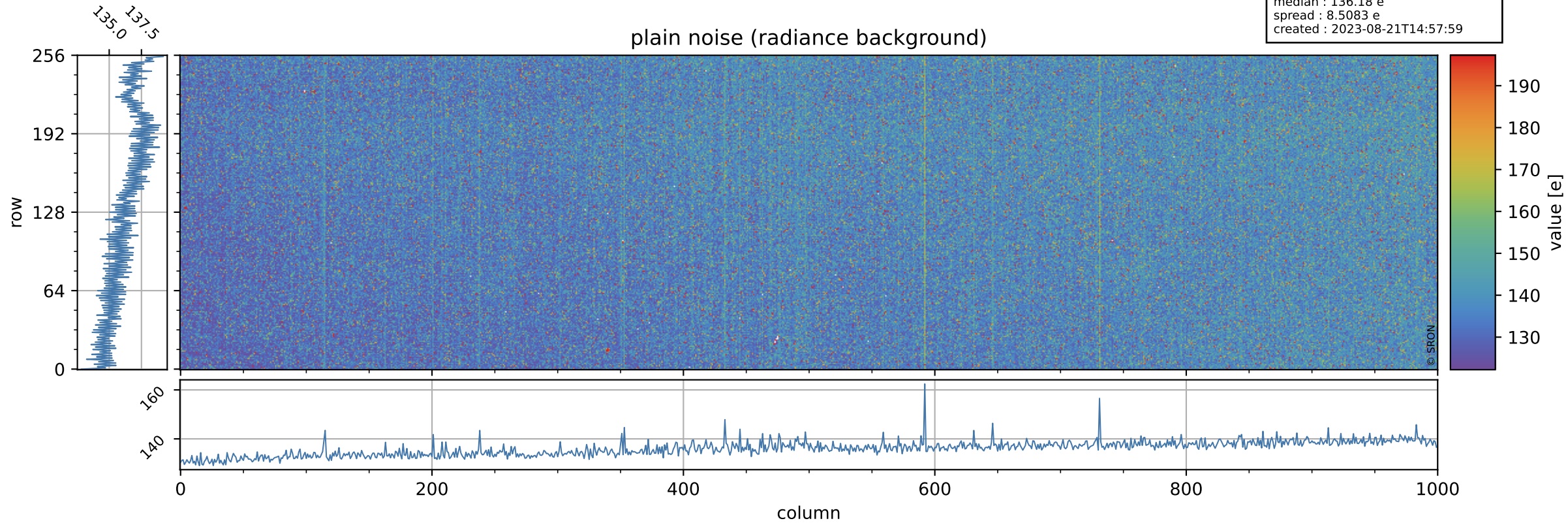
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [8572, 8647]
coverage : 2019-06-08 / 2019-06-14
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.5083 e
created : 2023-08-21T14:57:59

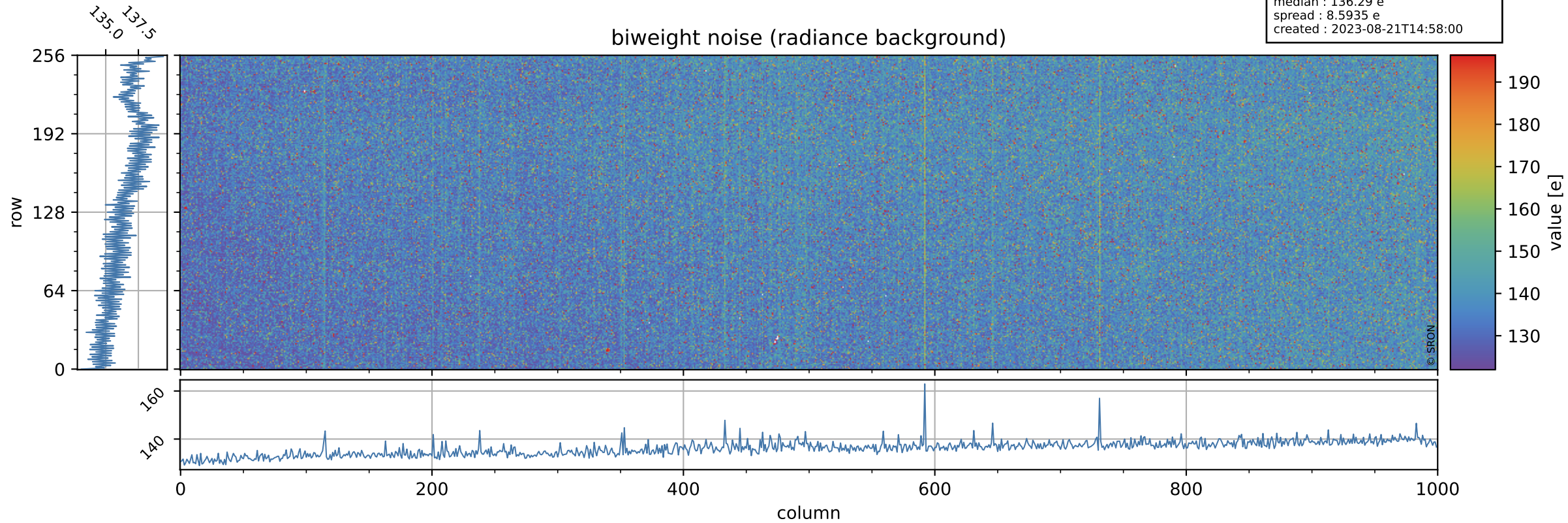
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8572, 8647]
coverage : 2019-06-08 / 2019-06-14
n_coad, t_exp : 2, 0.5383
median : 136.29 e
spread : 8.5935 e
created : 2023-08-21T14:58:00

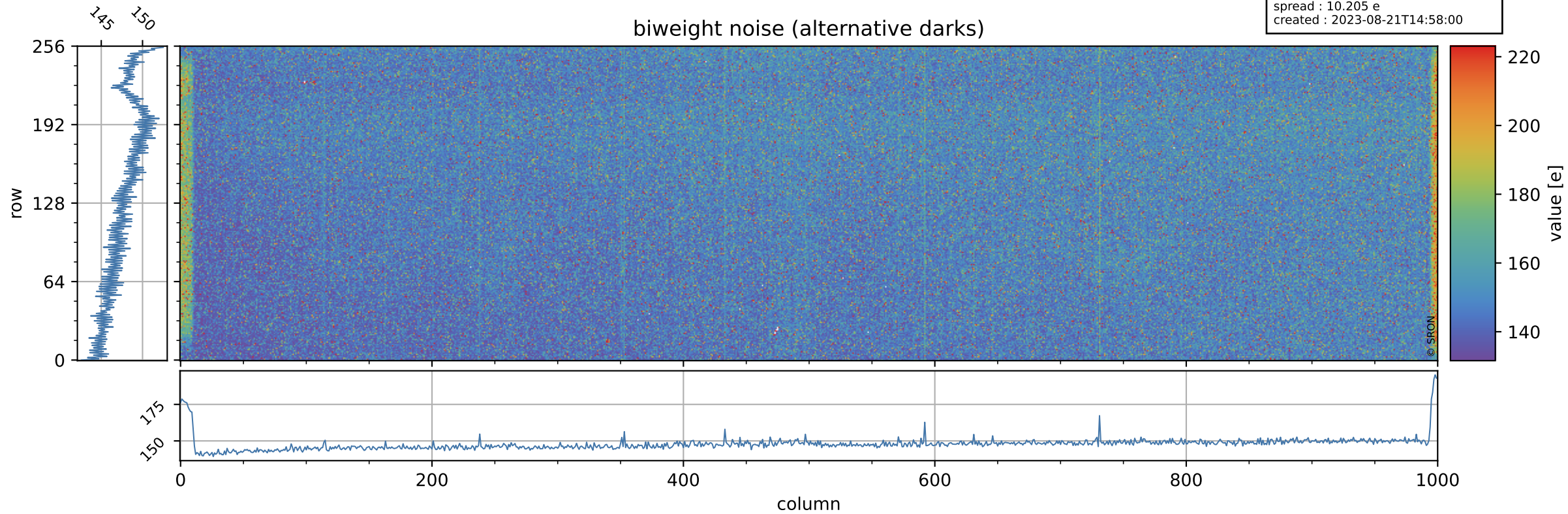
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8572, 8647]
coverage : 2019-06-08 / 2019-06-14
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.205 e
created : 2023-08-21T14:58:00

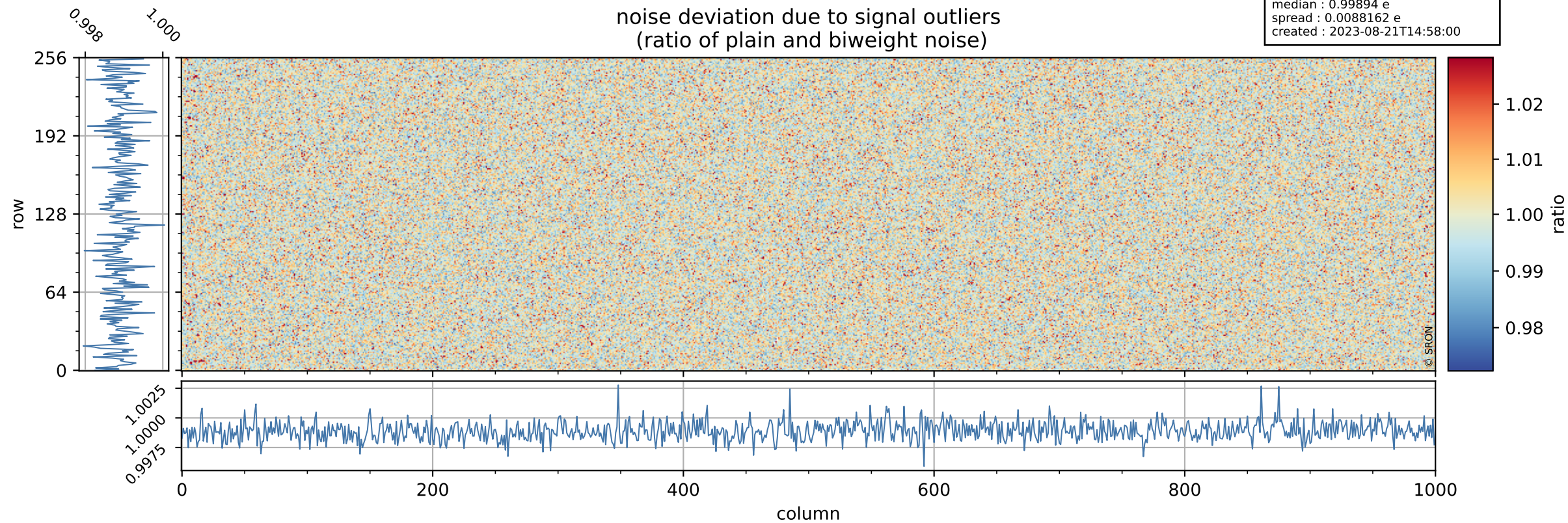
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

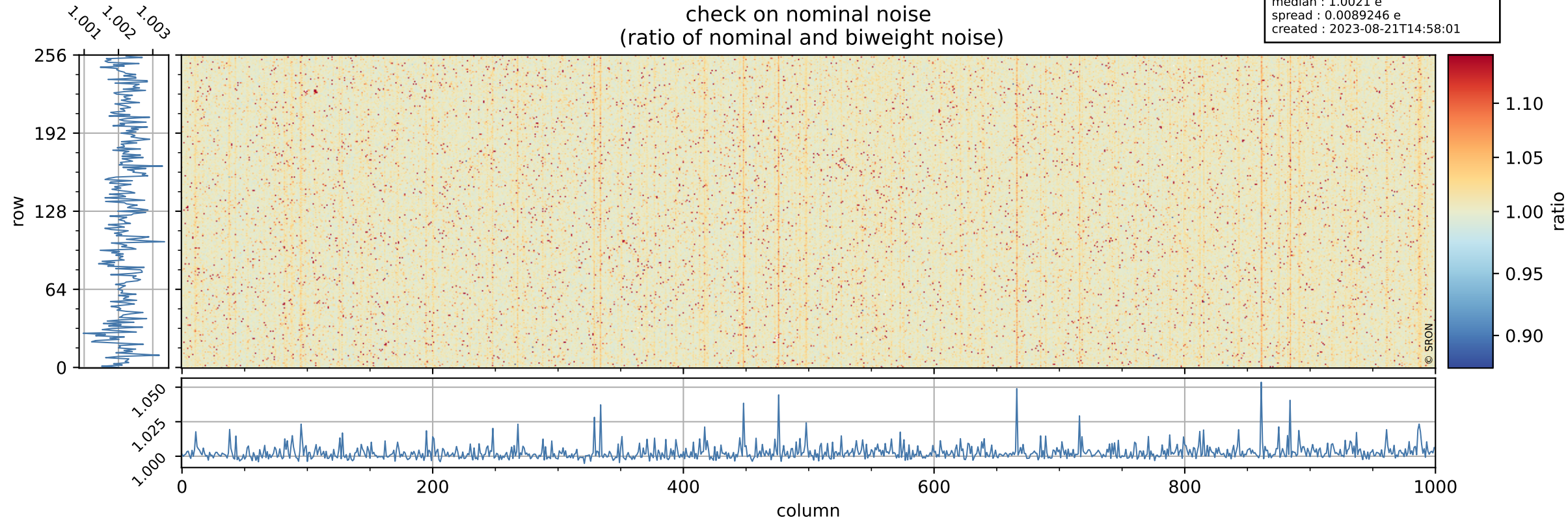
orbits : 13 in [8572, 8647]
coverage : 2019-06-08 / 2019-06-14
median : 0.99894 e
spread : 0.0088162 e
created : 2023-08-21T14:58:00



Tropomi SWIR background noise (swir)

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

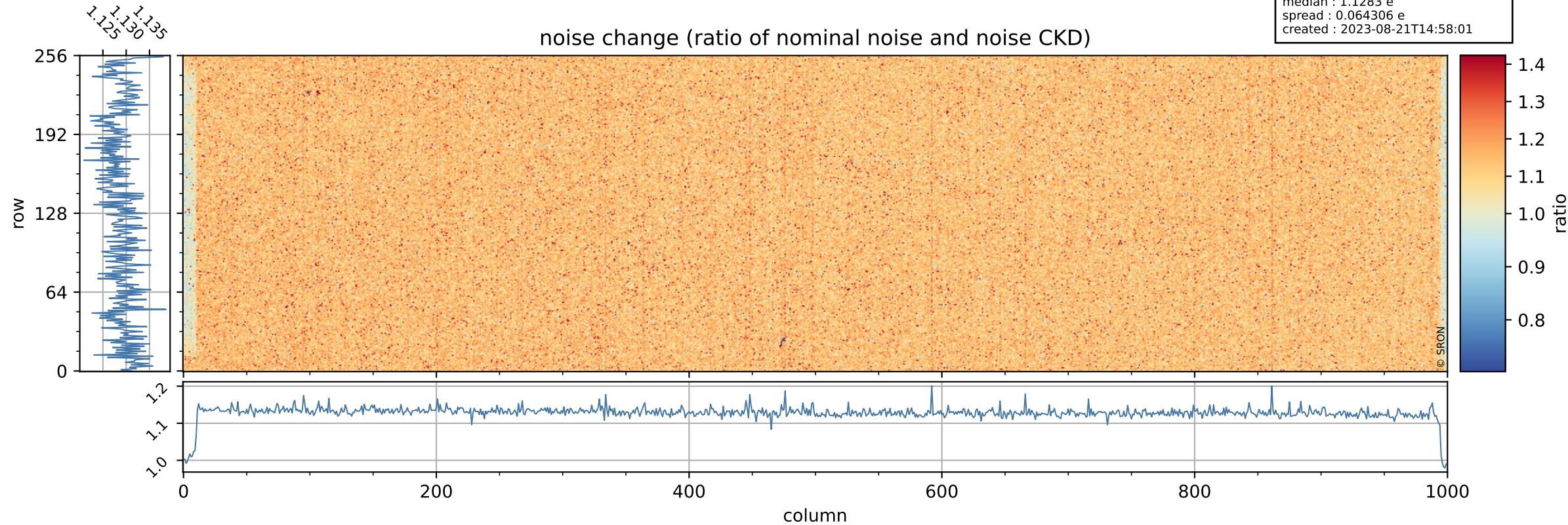
orbits : 13 in [8572, 8647]
coverage : 2019-06-08 / 2019-06-14
median : 1.0021 e
spread : 0.0089246 e
created : 2023-08-21T14:58:01



Tropomi SWIR background noise (swir)

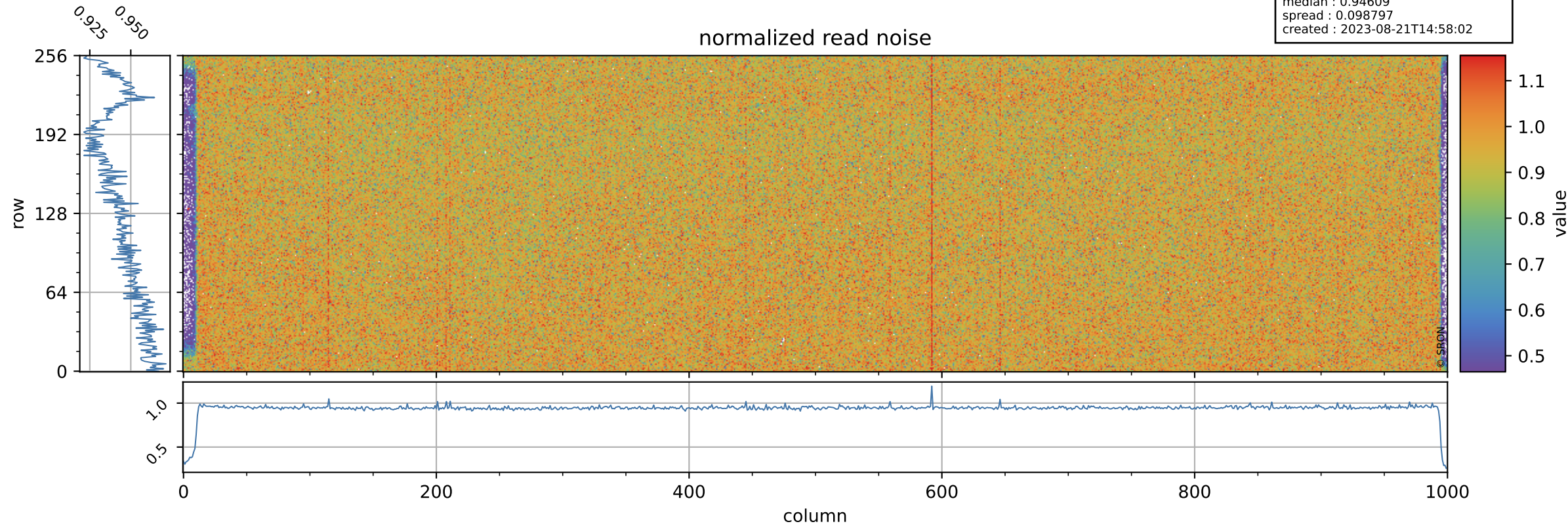
orbits : 13 in [8572, 8647]
coverage : 2019-06-08 / 2019-06-14
median : 1.1283 e
spread : 0.064306 e
created : 2023-08-21T14:58:01

noise change (ratio of nominal noise and noise CKD)



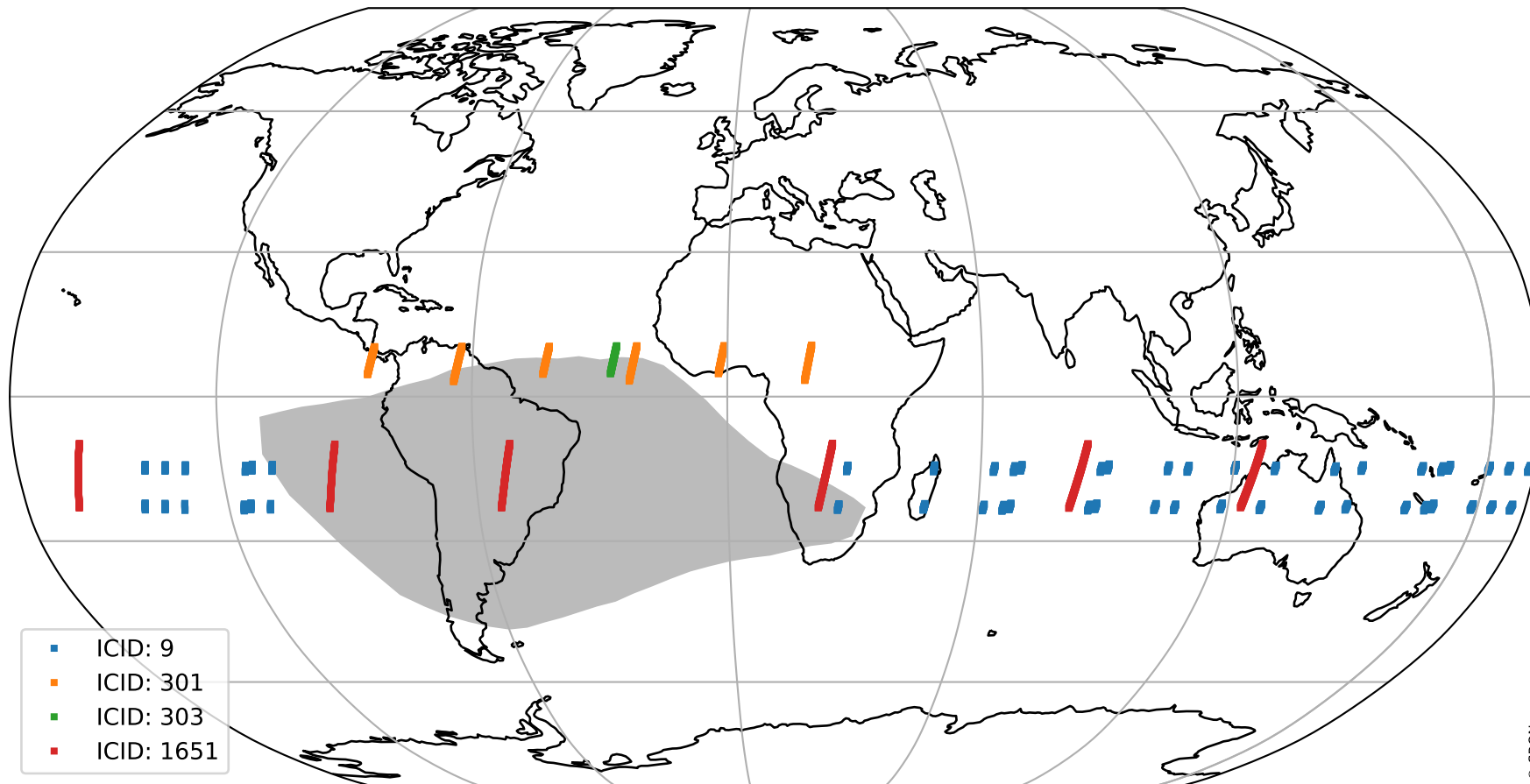
Tropomi SWIR background noise (swir)

orbits : 13 in [8572, 8647]
coverage : 2019-06-08 / 2019-06-14
median : 0.94609
spread : 0.098797
created : 2023-08-21T14:58:02



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

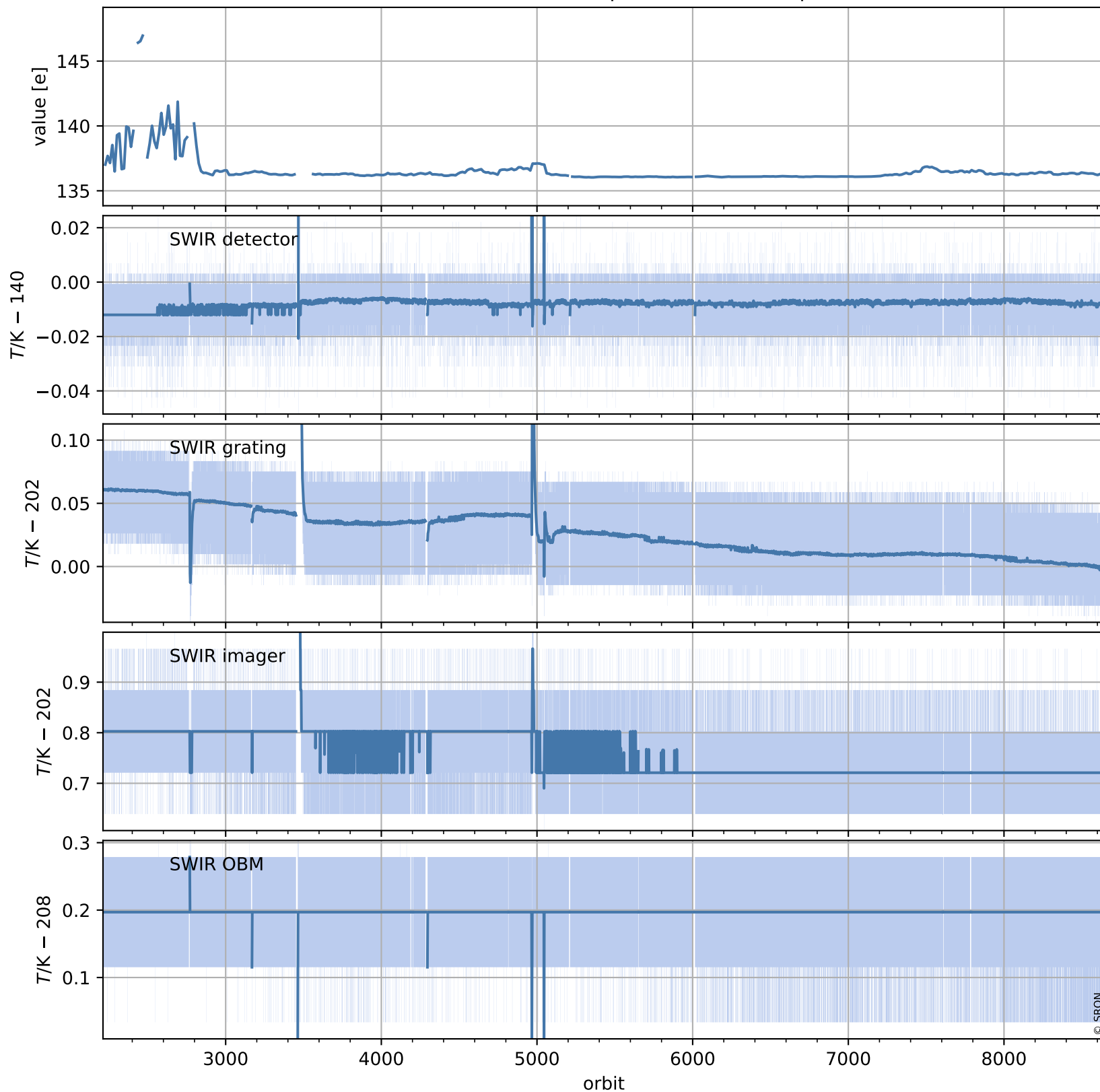
orbits : 13 in [8572, 8647]
coverage : 2019-06-08 / 2019-06-14
created : 2023-08-21T14:58:03



Tropomi SWIR background noise (swir)

orbits : [2212, 8647]
coverage : 2018-03-18 / 2019-06-14
created : 2023-08-21T14:58:03

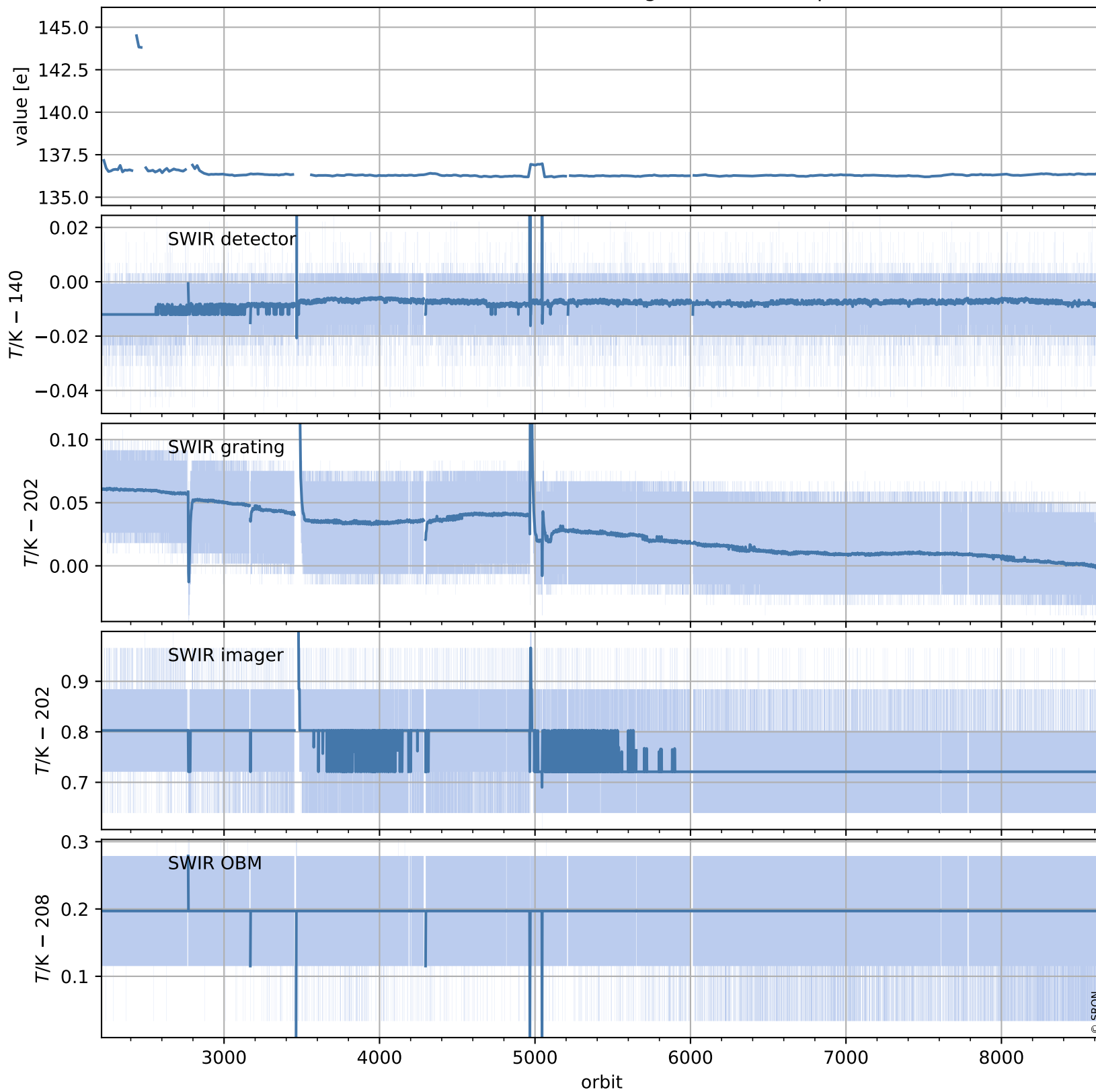
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8647]
coverage : 2018-03-18 / 2019-06-14
created : 2023-08-21T14:58:04

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8647]
coverage : 2018-03-18 / 2019-06-14
created : 2023-08-21T14:58:05

trend of normalized read-noise & temperatures

