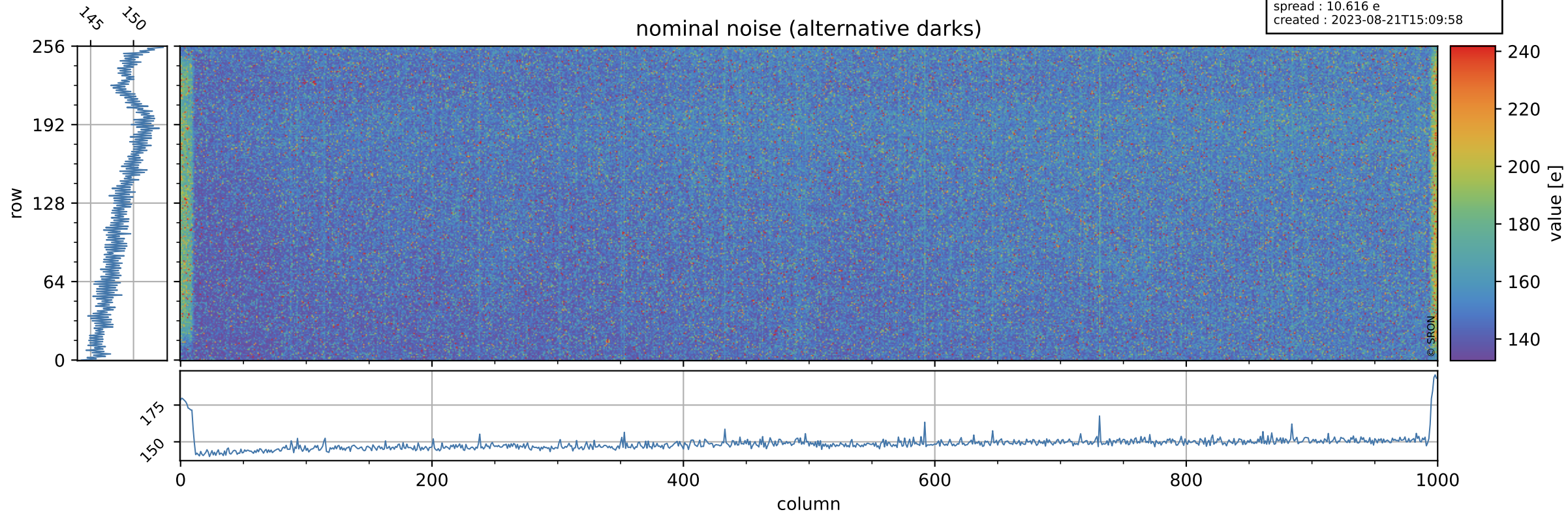


Tropomi SWIR background noise (swir)

orbits : 12 in [10102, 10177]
coverage : 2019-09-24 / 2019-09-30
n_coad, t_exp : 1, 1.0783
median : 148.58 e
spread : 10.616 e
created : 2023-08-21T15:09:58

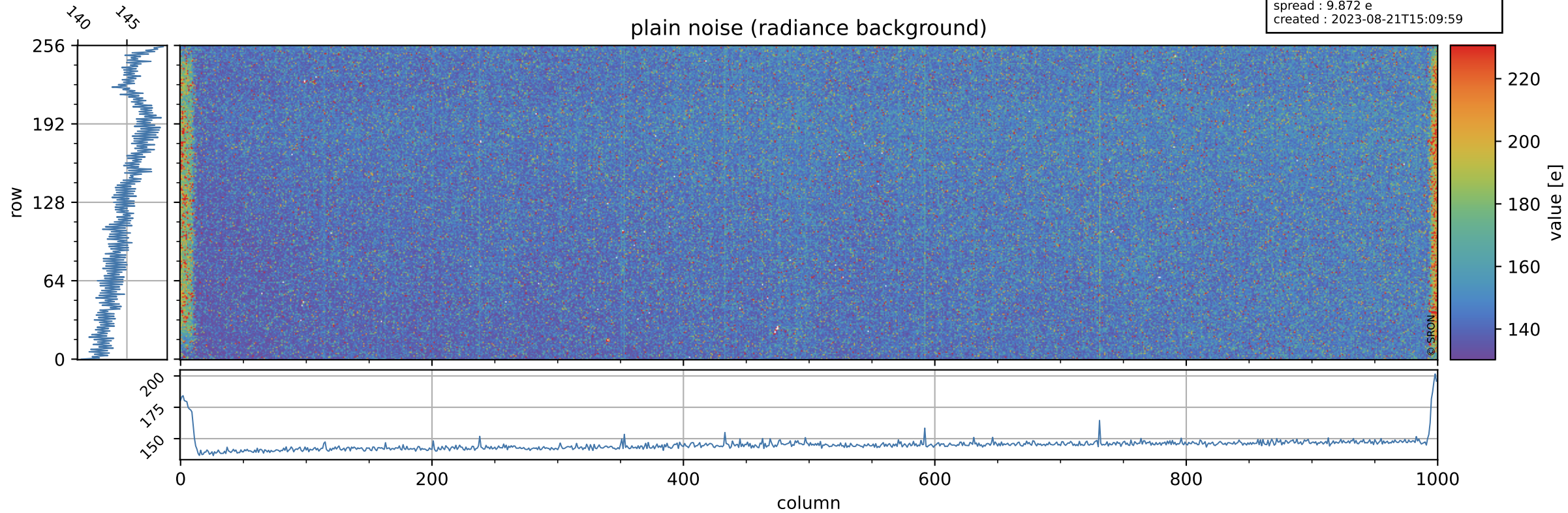
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10102, 10177]
coverage : 2019-09-24 / 2019-09-30
n_coad, t_exp : 1, 0.8383
median : 144.79 e
spread : 9.872 e
created : 2023-08-21T15:09:59

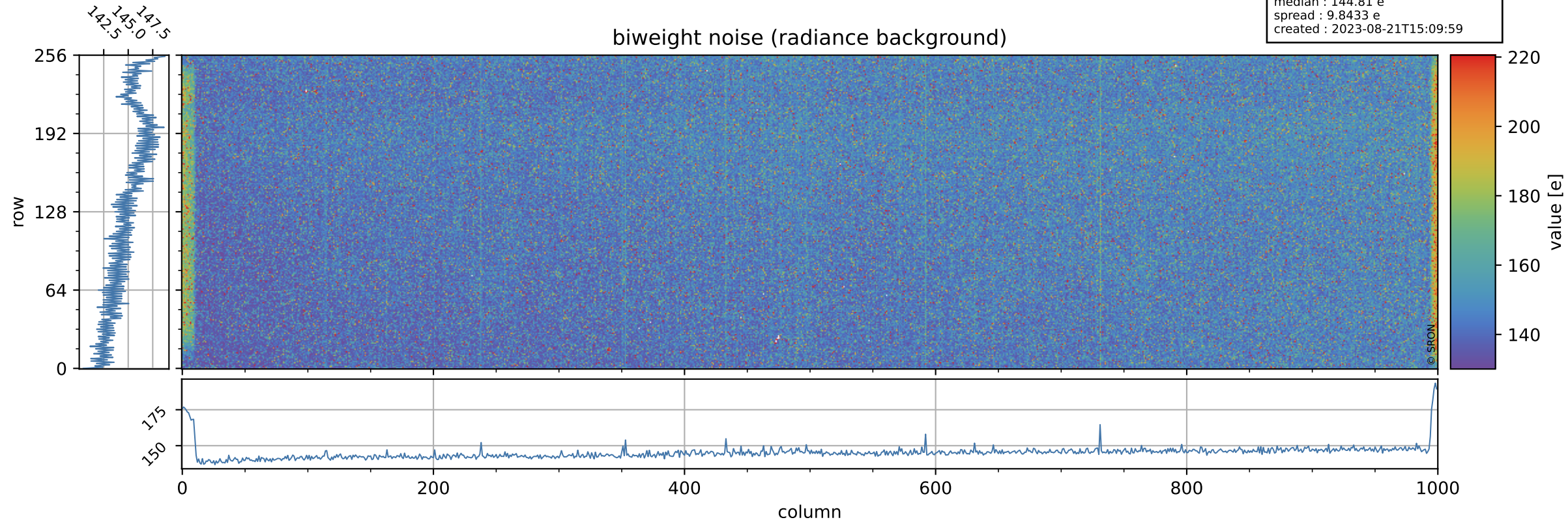
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10102, 10177]
coverage : 2019-09-24 / 2019-09-30
n_coad, t_exp : 1, 0.8383
median : 144.81 e
spread : 9.8433 e
created : 2023-08-21T15:09:59

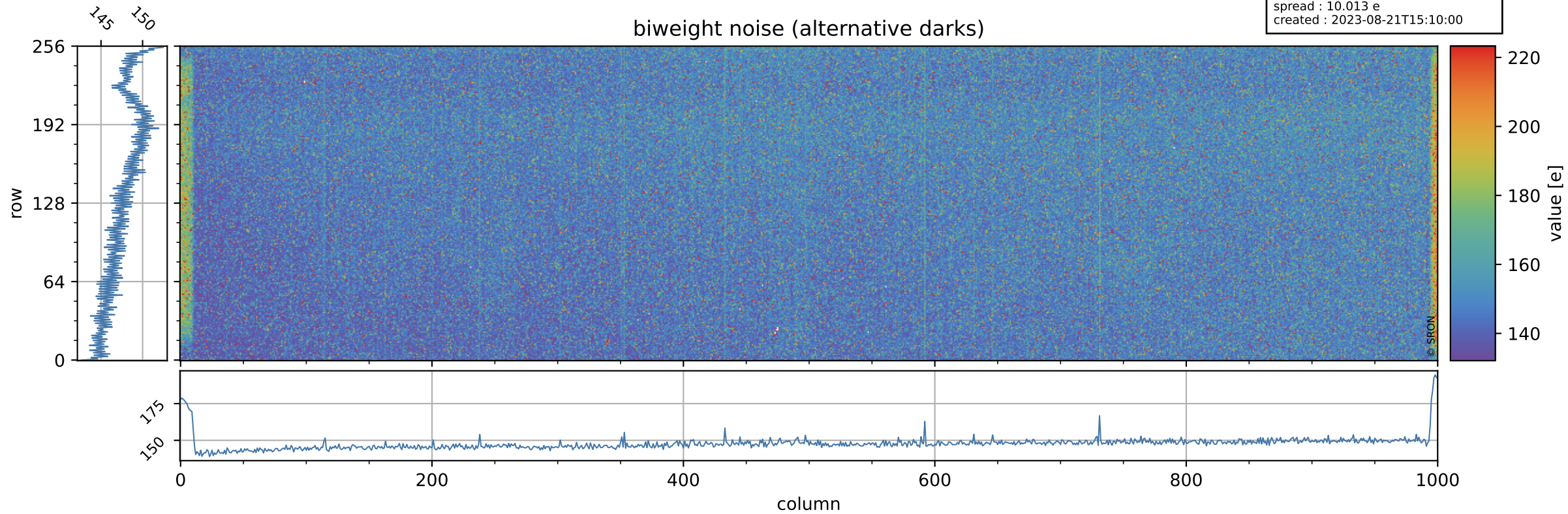
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10102, 10177]
coverage : 2019-09-24 / 2019-09-30
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 10.013 e
created : 2023-08-21T15:10:00

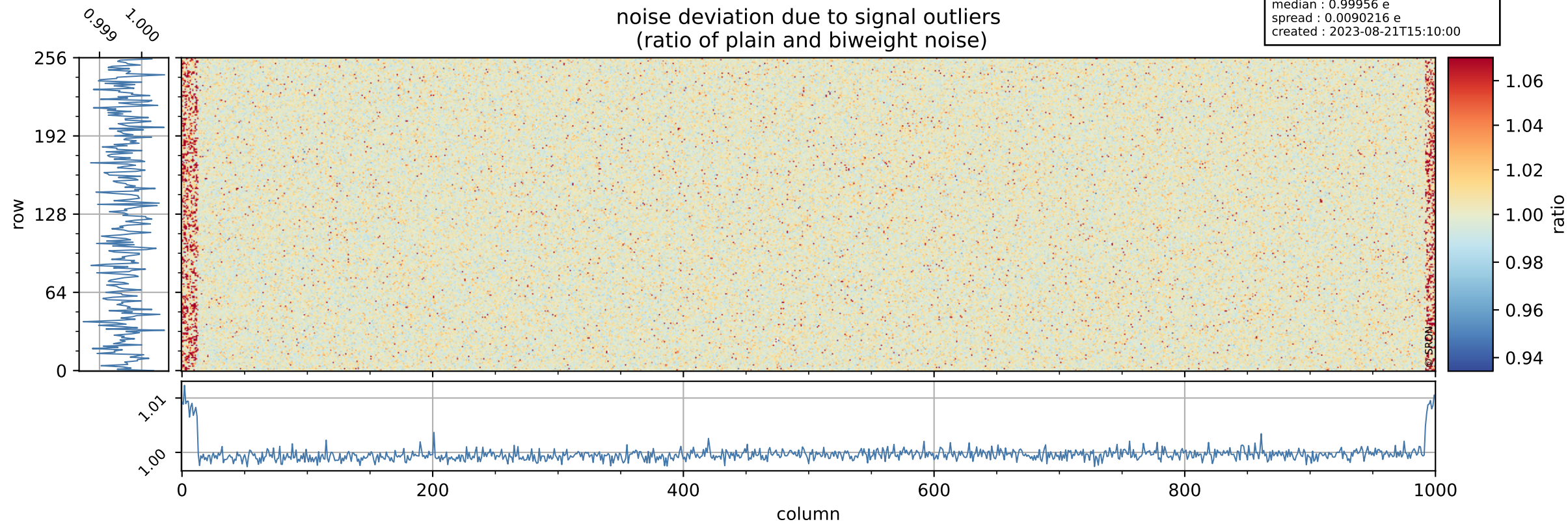
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

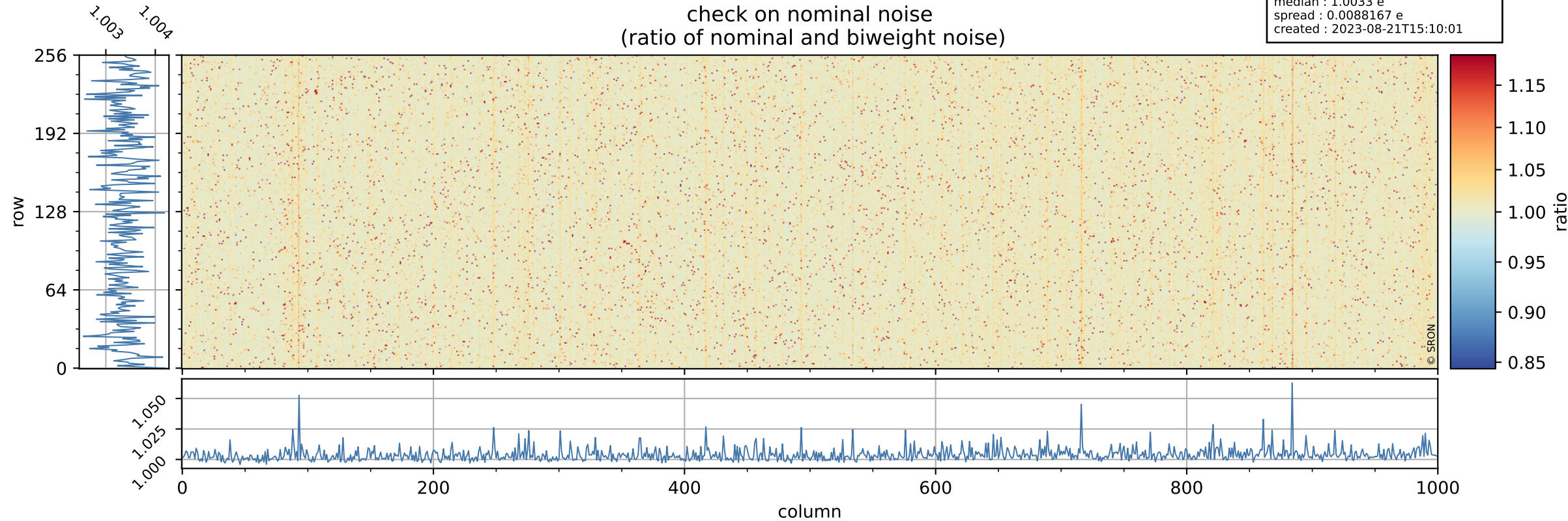
orbits : 12 in [10102, 10177]
coverage : 2019-09-24 / 2019-09-30
median : 0.99956 e
spread : 0.0090216 e
created : 2023-08-21T15:10:00



Tropomi SWIR background noise (swir)

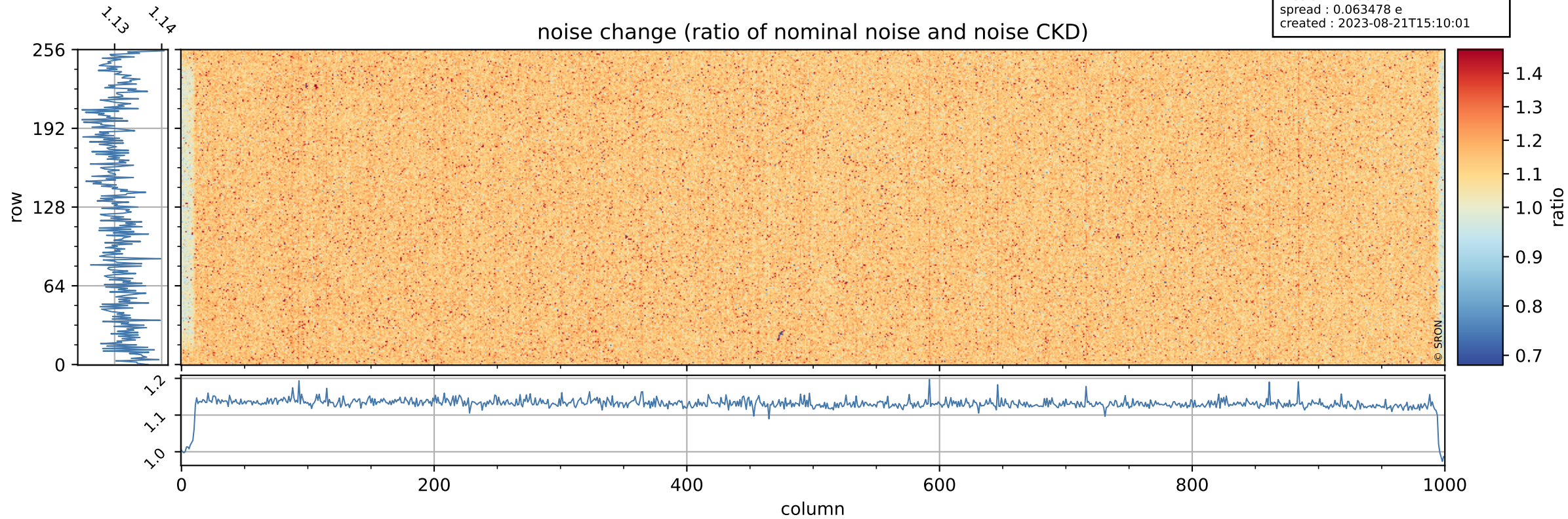
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10102, 10177]
coverage : 2019-09-24 / 2019-09-30
median : 1.0033 e
spread : 0.0088167 e
created : 2023-08-21T15:10:01



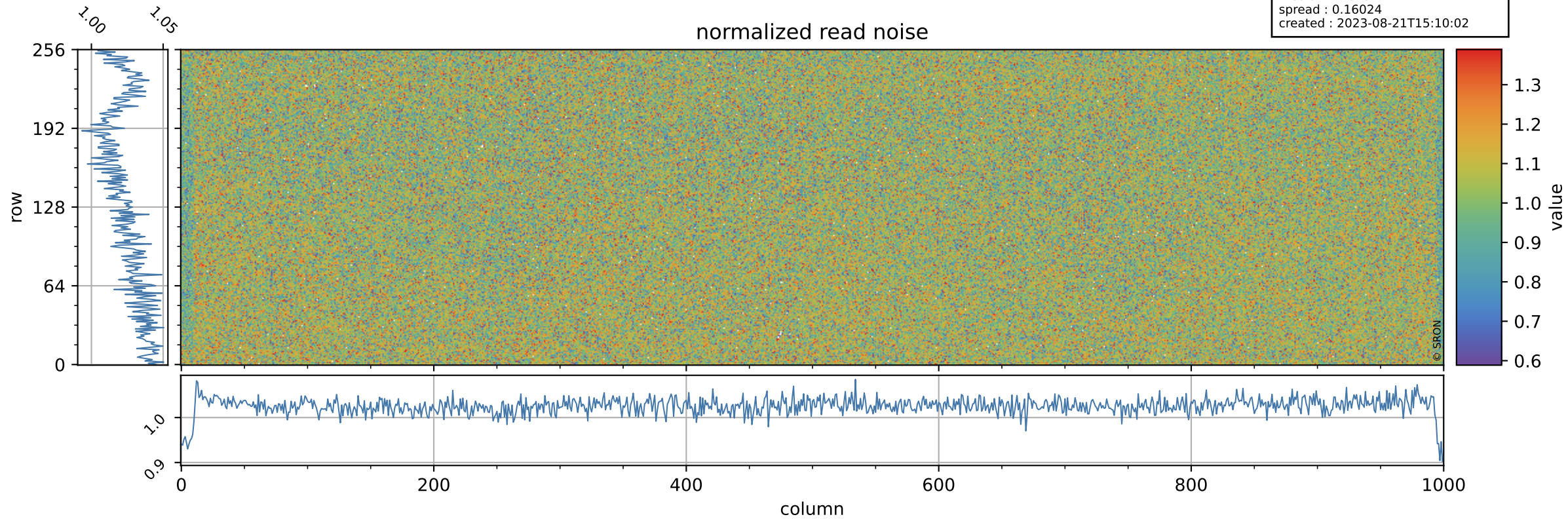
Tropomi SWIR background noise (swir)

orbits : 12 in [10102, 10177]
coverage : 2019-09-24 / 2019-09-30
median : 1.1302 e
spread : 0.063478 e
created : 2023-08-21T15:10:01



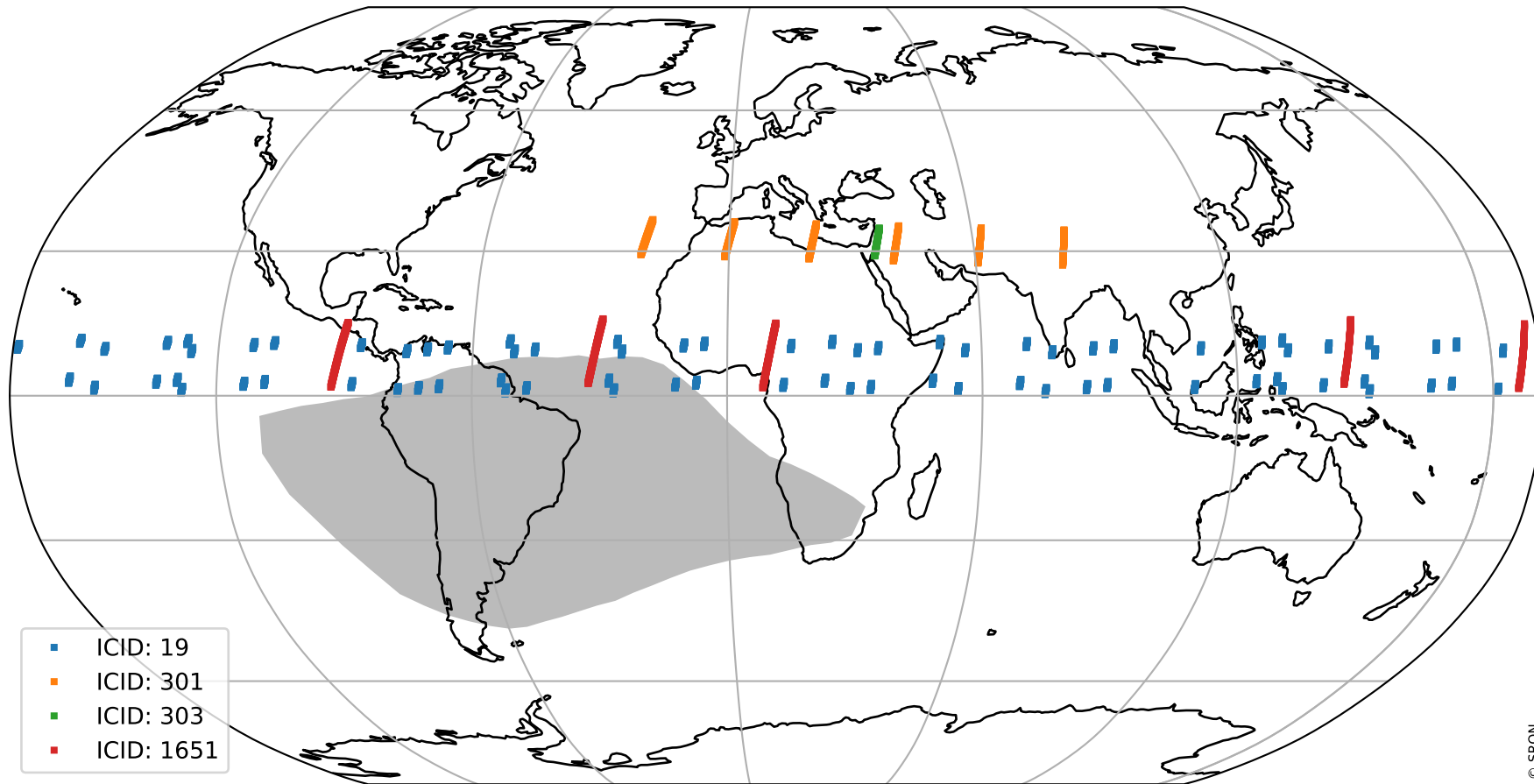
Tropomi SWIR background noise (swir)

orbits : 12 in [10102, 10177]
coverage : 2019-09-24 / 2019-09-30
median : 1.0237
spread : 0.16024
created : 2023-08-21T15:10:02



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

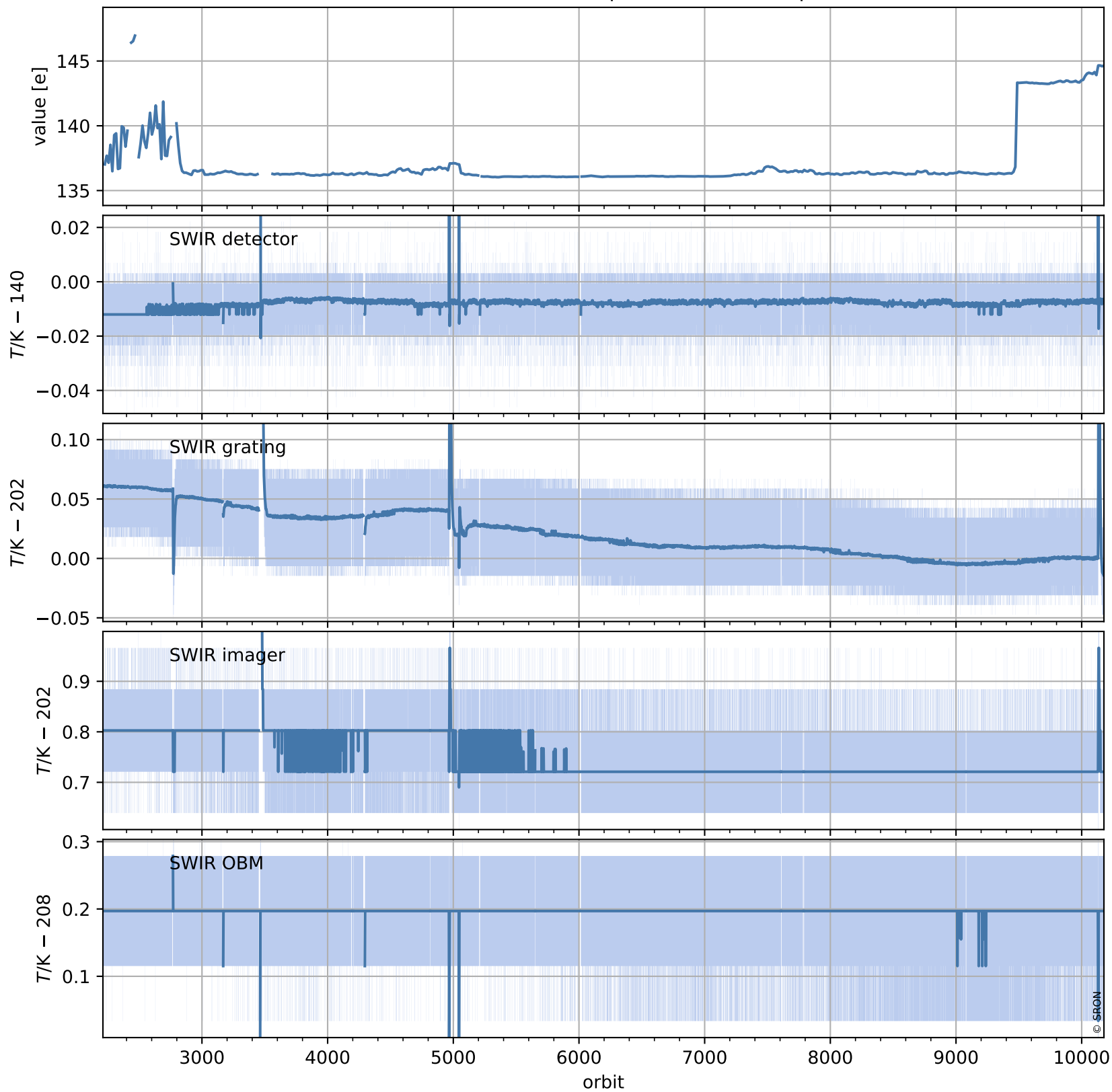
orbits : 12 in [10102, 10177]
coverage : 2019-09-24 / 2019-09-30
created : 2023-08-21T15:10:02



Tropomi SWIR background noise (swir)

orbits : [2212, 10177]
coverage : 2018-03-18 / 2019-09-30
created : 2023-08-21T15:10:03

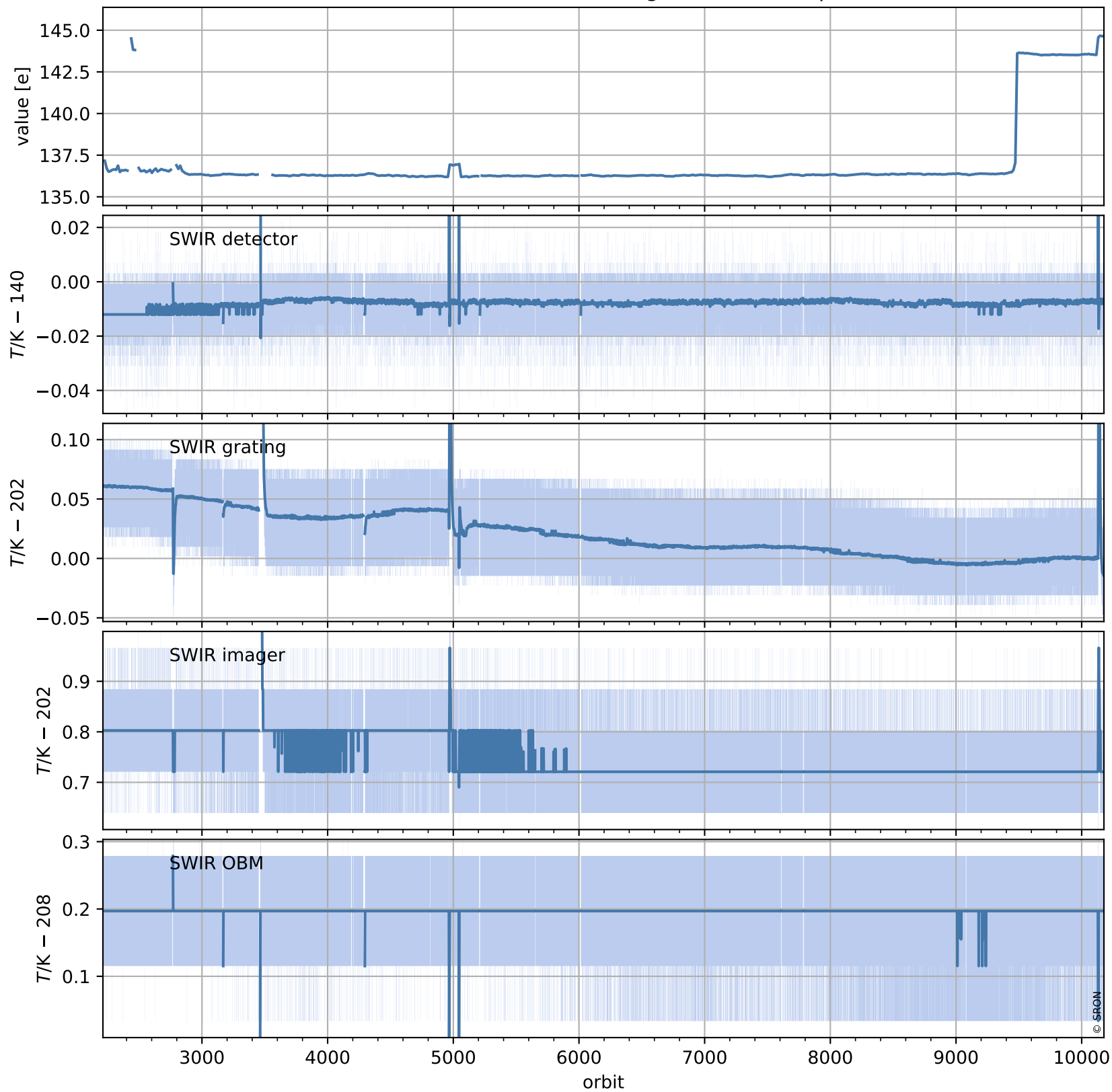
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10177]
coverage : 2018-03-18 / 2019-09-30
created : 2023-08-21T15:10:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10177]
coverage : 2018-03-18 / 2019-09-30
created : 2023-08-21T15:10:04

trend of normalized read-noise & temperatures

