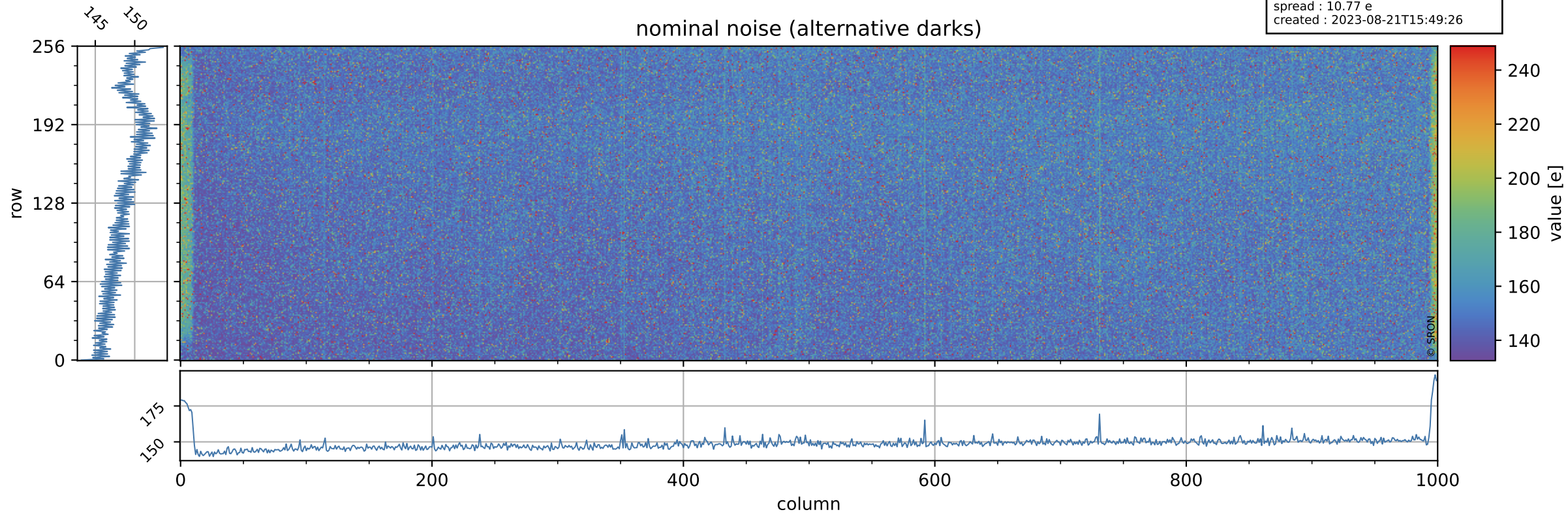


Tropomi SWIR background noise (swir)

orbits : 12 in [16672, 16747]
coverage : 2020-12-30 / 2021-01-05
n_coad, t_exp : 1, 1.0783
median : 148.57 e
spread : 10.77 e
created : 2023-08-21T15:49:26

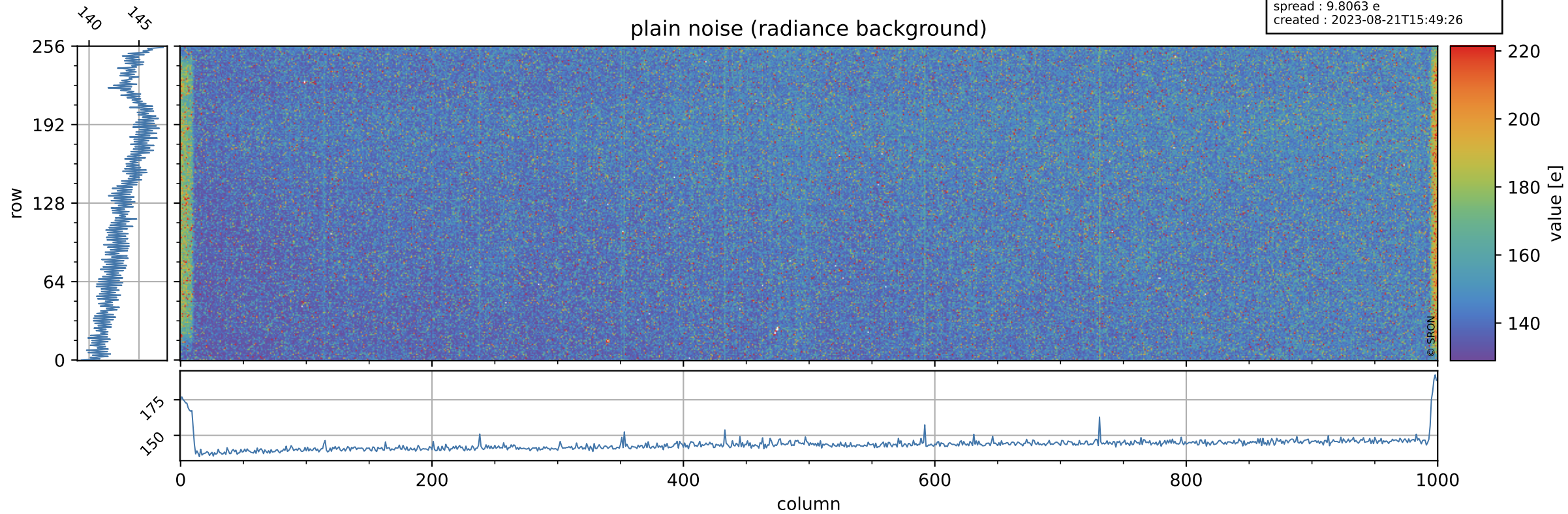
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16672, 16747]
coverage : 2020-12-30 / 2021-01-05
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.8063 e
created : 2023-08-21T15:49:26

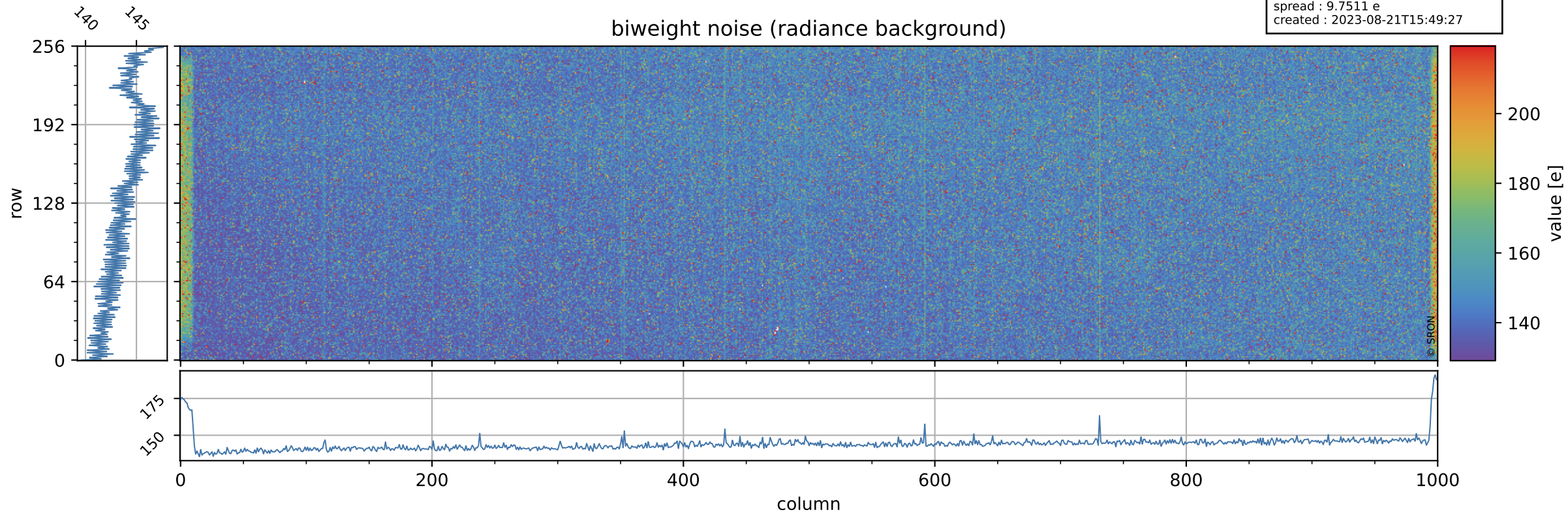
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16672, 16747]
coverage : 2020-12-30 / 2021-01-05
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.7511 e
created : 2023-08-21T15:49:27

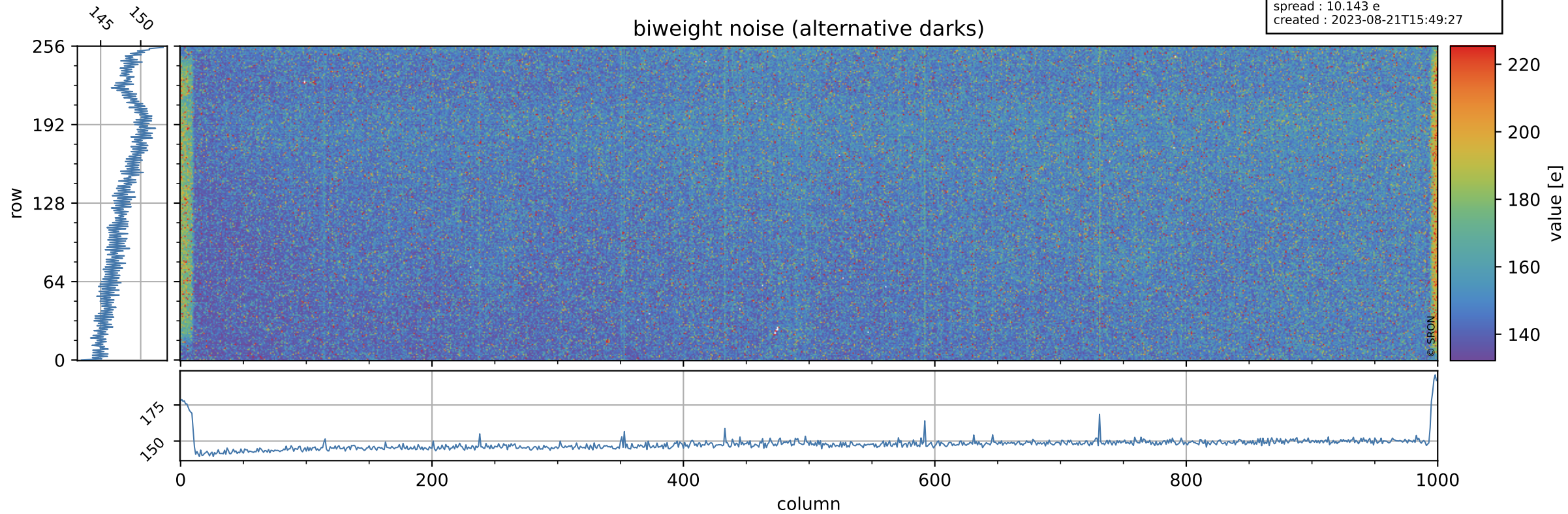
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16672, 16747]
coverage : 2020-12-30 / 2021-01-05
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.143 e
created : 2023-08-21T15:49:27

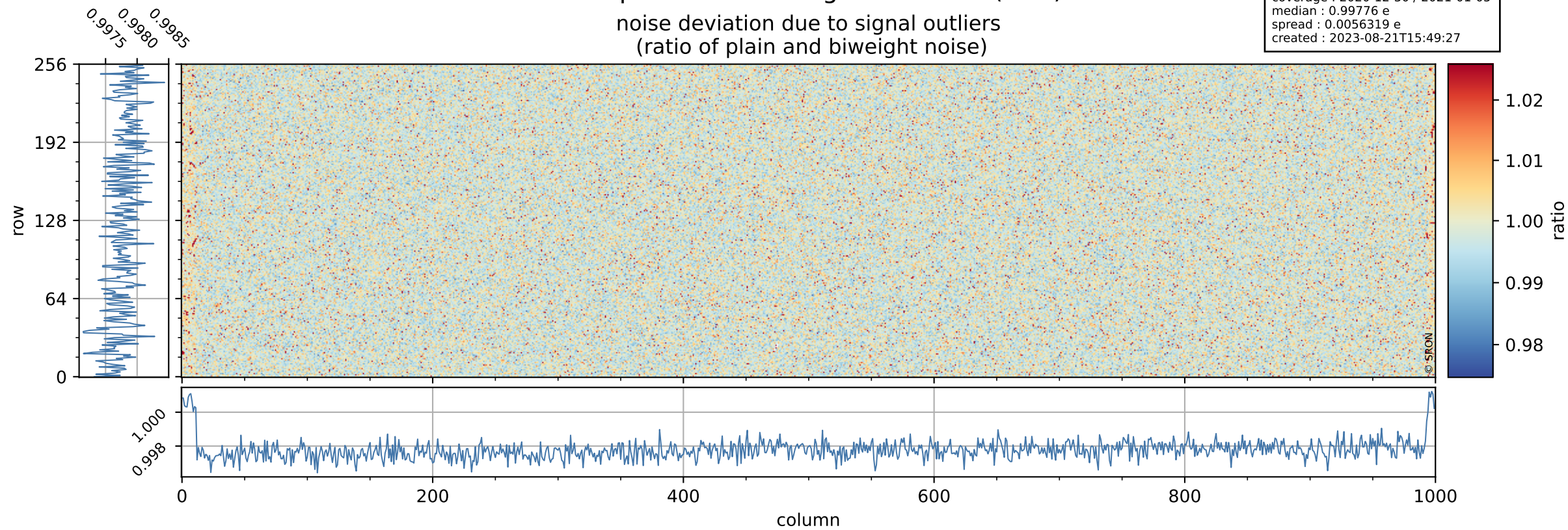
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

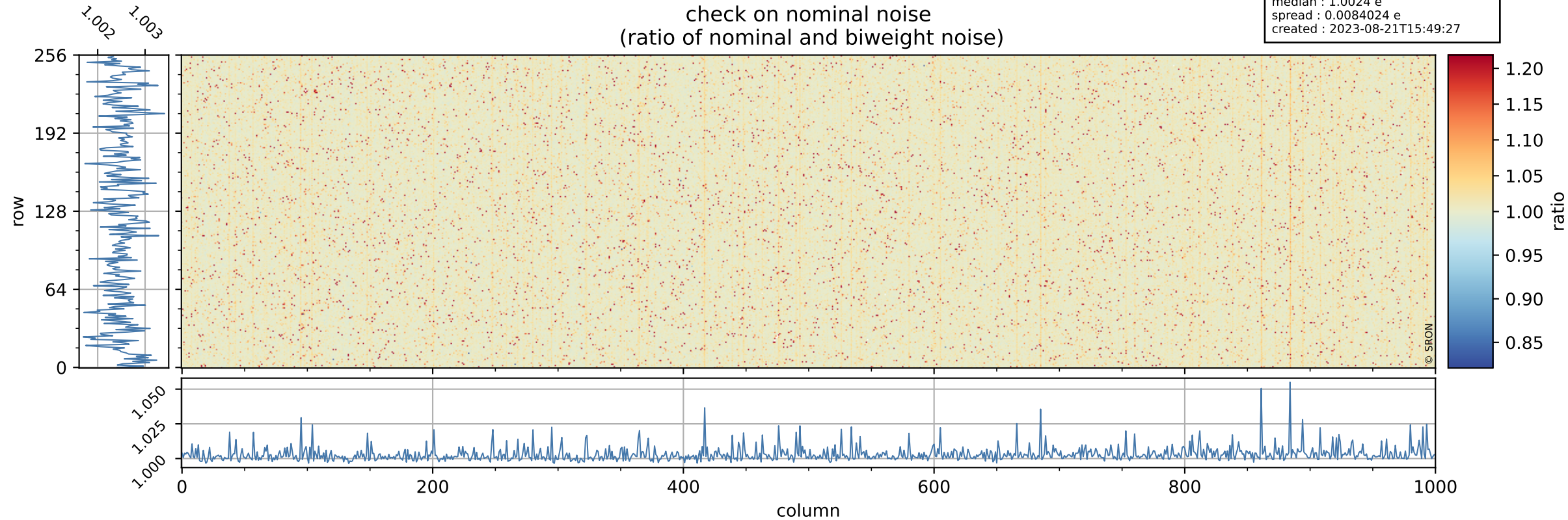
orbits : 12 in [16672, 16747]
coverage : 2020-12-30 / 2021-01-05
median : 0.99776 e
spread : 0.0056319 e
created : 2023-08-21T15:49:27



Tropomi SWIR background noise (swir)

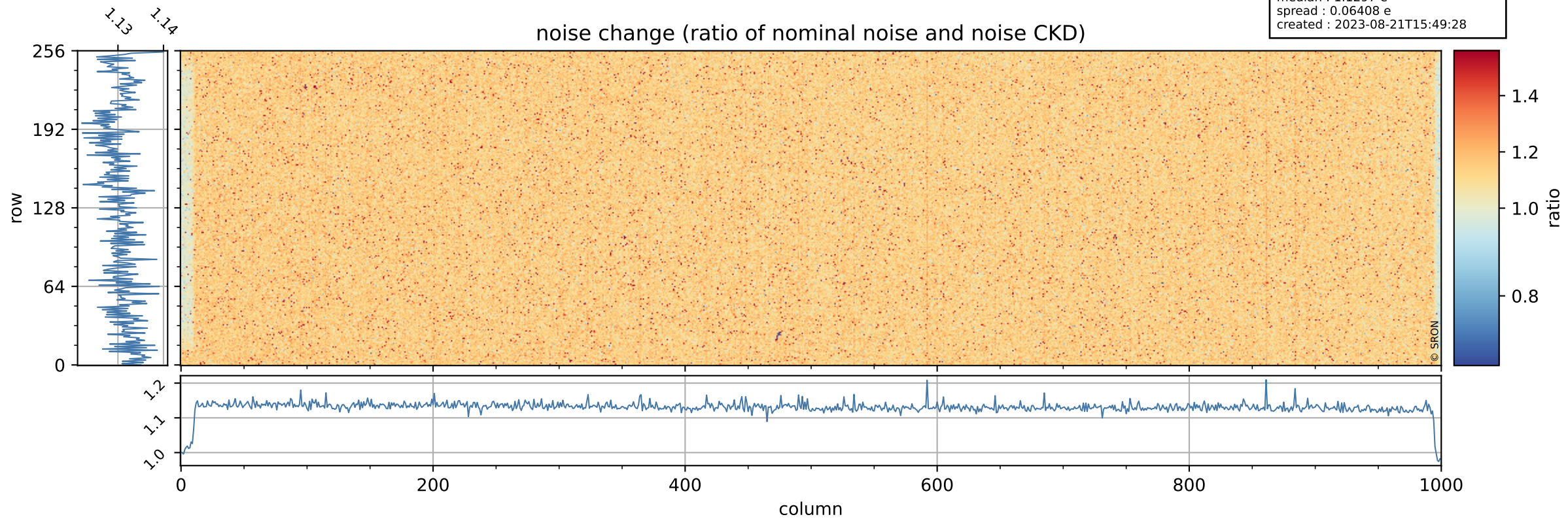
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16672, 16747]
coverage : 2020-12-30 / 2021-01-05
median : 1.0024 e
spread : 0.0084024 e
created : 2023-08-21T15:49:27



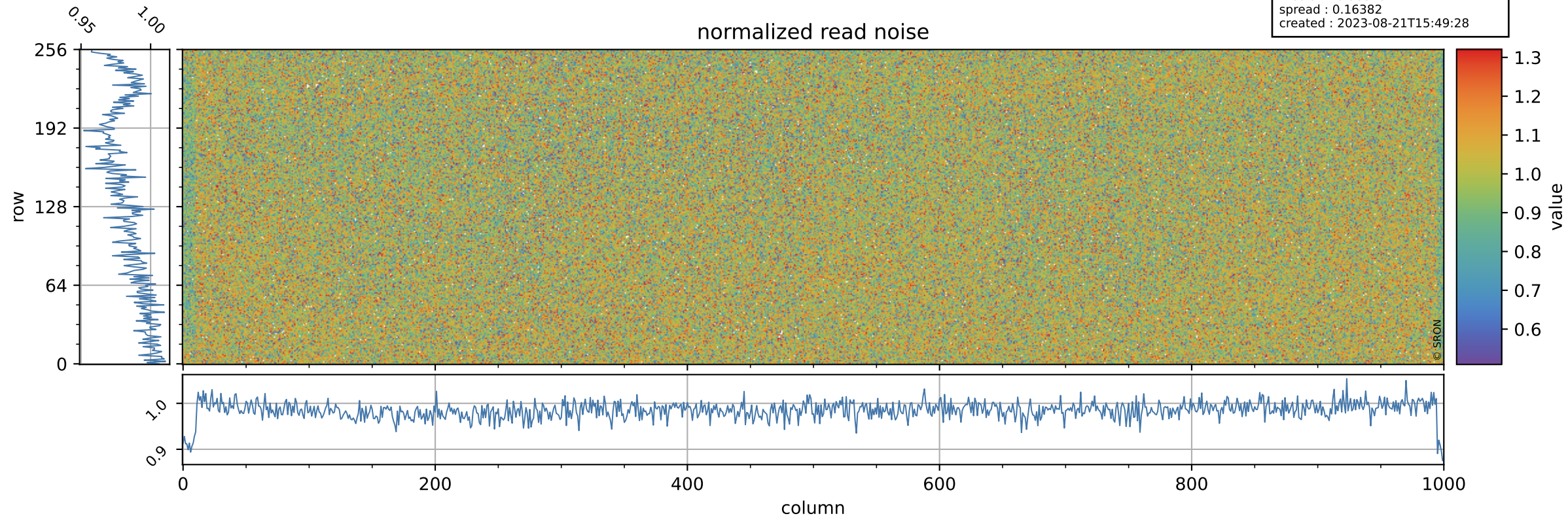
Tropomi SWIR background noise (swir)

orbits : 12 in [16672, 16747]
coverage : 2020-12-30 / 2021-01-05
median : 1.1297 e
spread : 0.06408 e
created : 2023-08-21T15:49:28



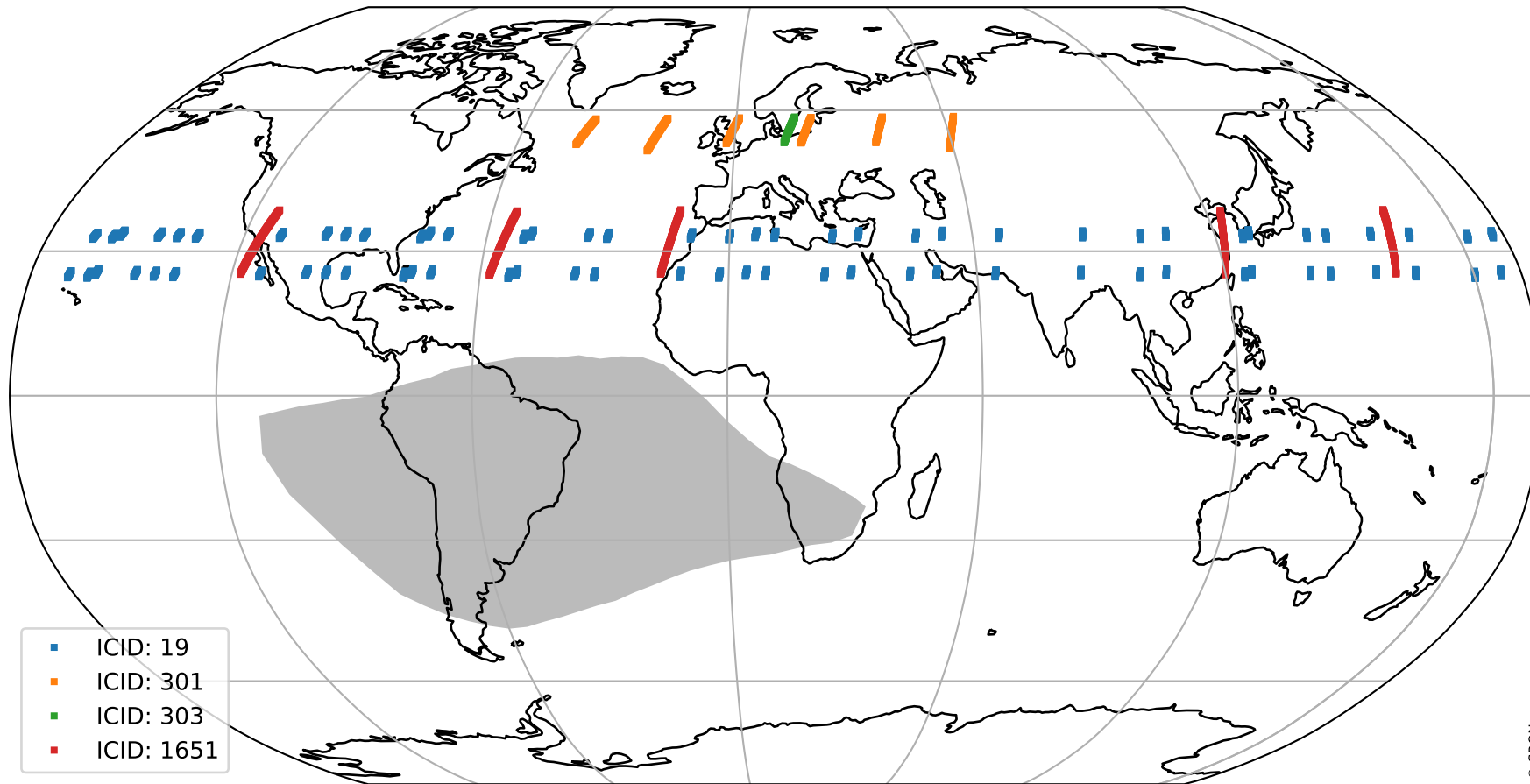
Tropomi SWIR background noise (swir)

orbits : 12 in [16672, 16747]
coverage : 2020-12-30 / 2021-01-05
median : 0.98325
spread : 0.16382
created : 2023-08-21T15:49:28



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

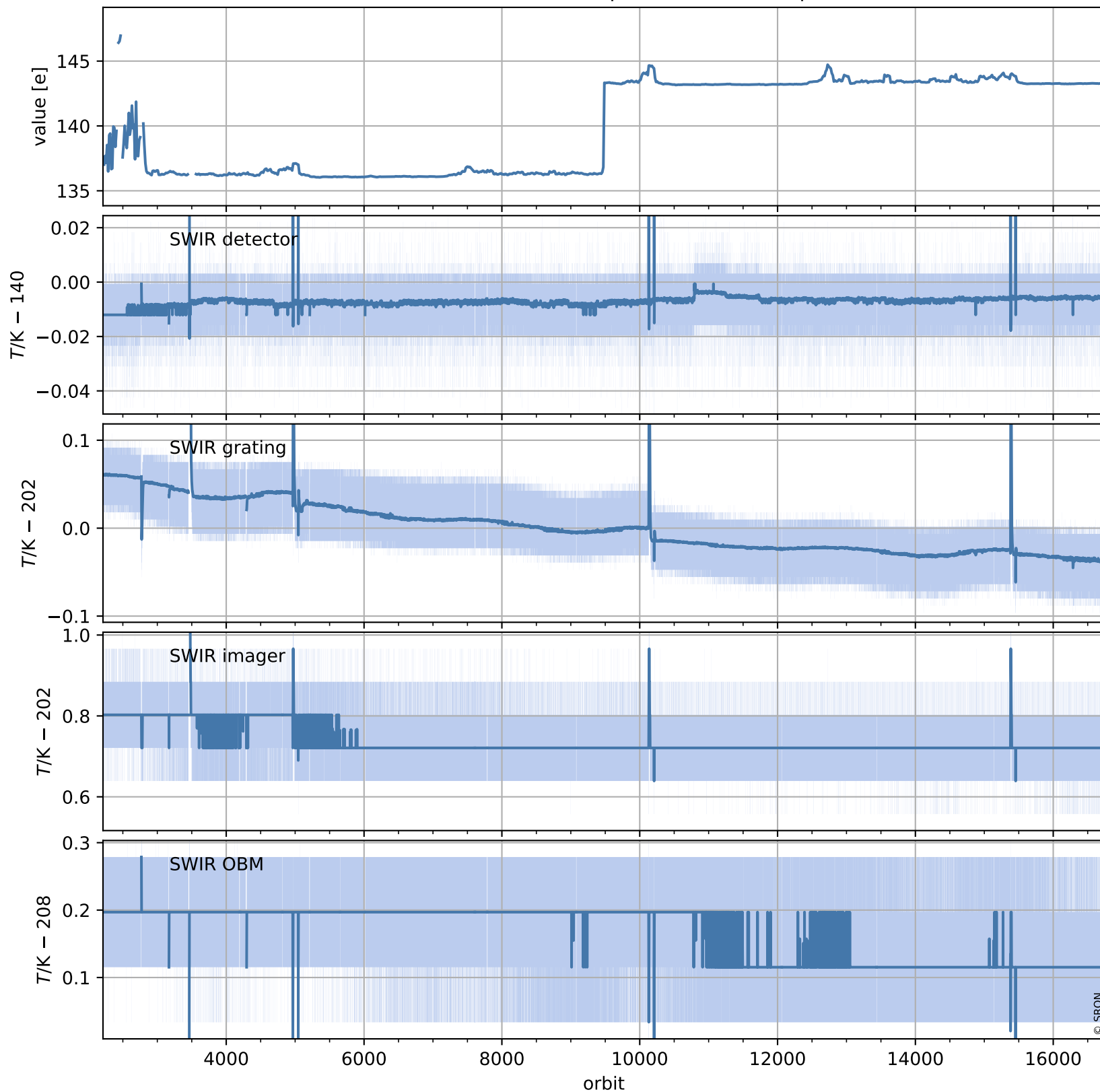
orbits : 12 in [16672, 16747]
coverage : 2020-12-30 / 2021-01-05
created : 2023-08-21T15:49:28



Tropomi SWIR background noise (swir)

orbits : [2212, 16747]
coverage : 2018-03-18 / 2021-01-05
created : 2023-08-21T15:49:29

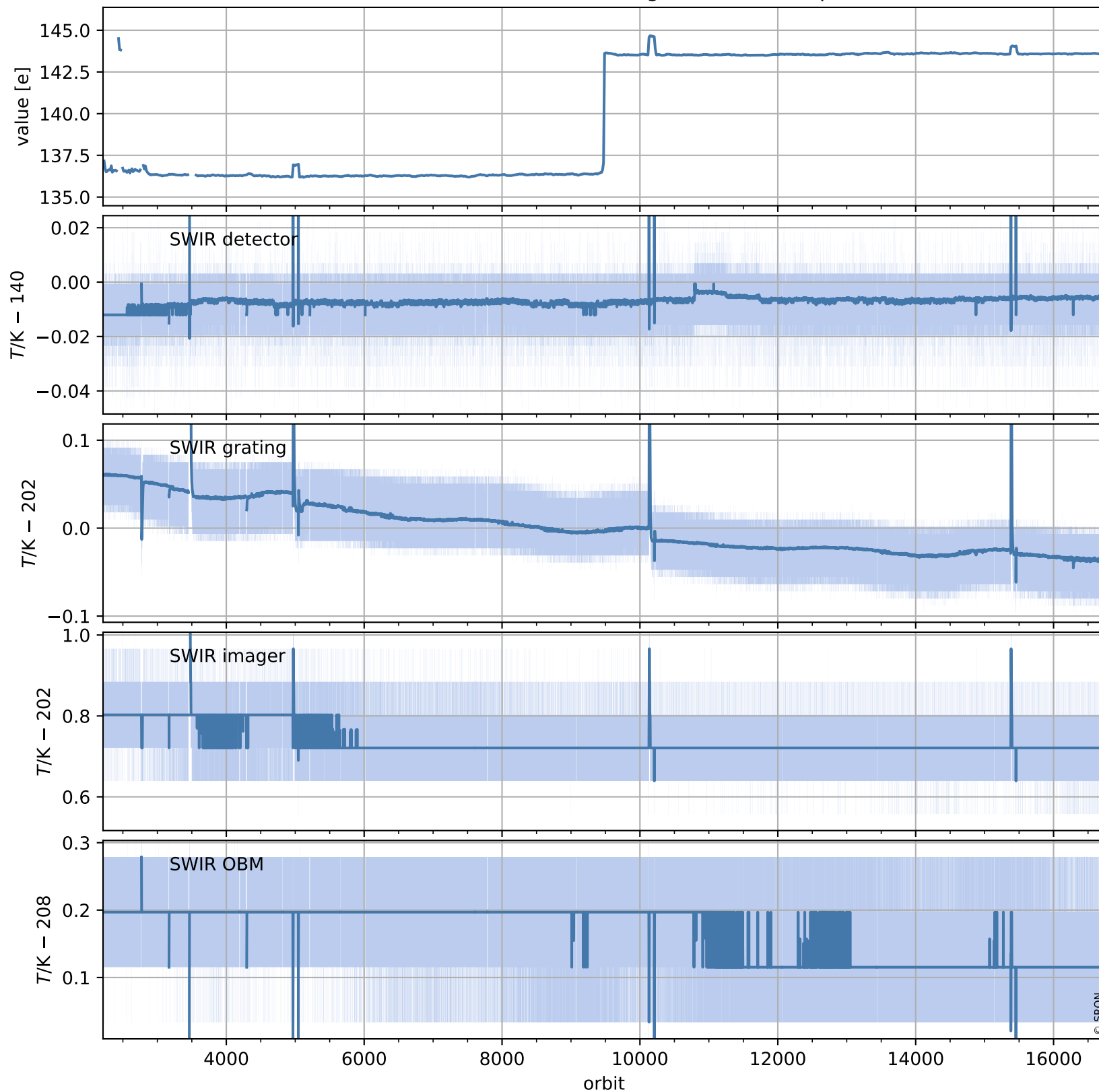
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16747]
coverage : 2018-03-18 / 2021-01-05
created : 2023-08-21T15:49:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16747]
coverage : 2018-03-18 / 2021-01-05
created : 2023-08-21T15:49:30

trend of normalized read-noise & temperatures

