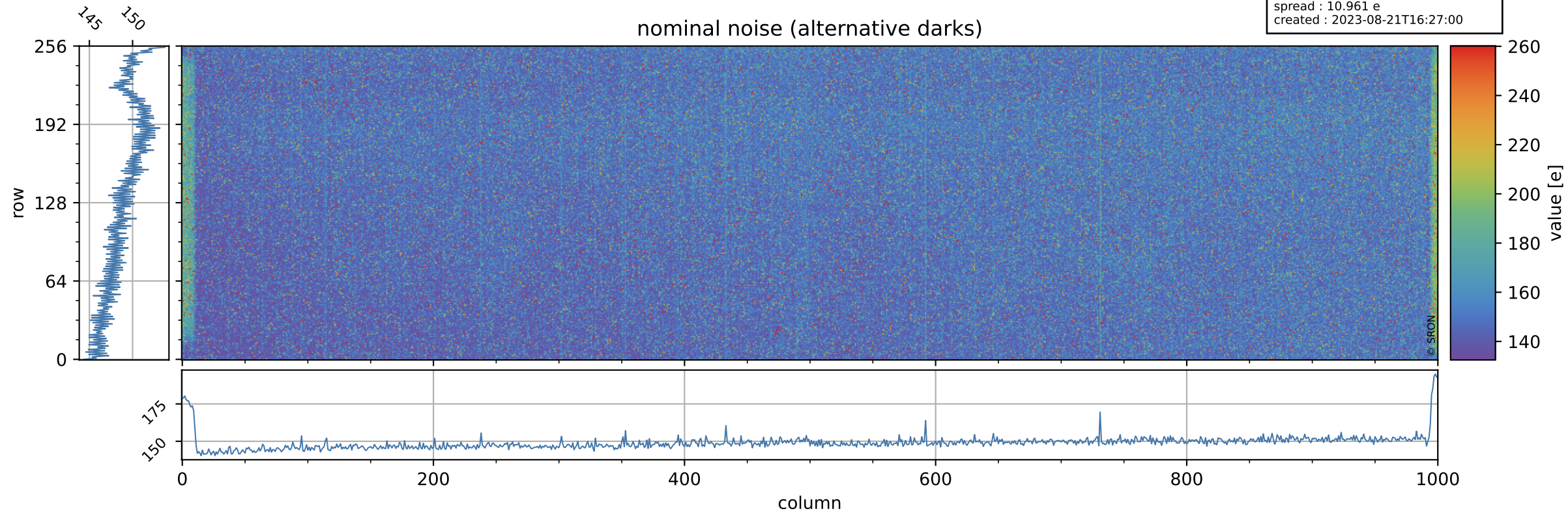


Tropomi SWIR background noise (swir)

orbits : 12 in [22837, 22927]
coverage : 2022-03-11 / 2022-03-17
n_coad, t_exp : 1, 1.0783
median : 148.81 e
spread : 10.961 e
created : 2023-08-21T16:27:00

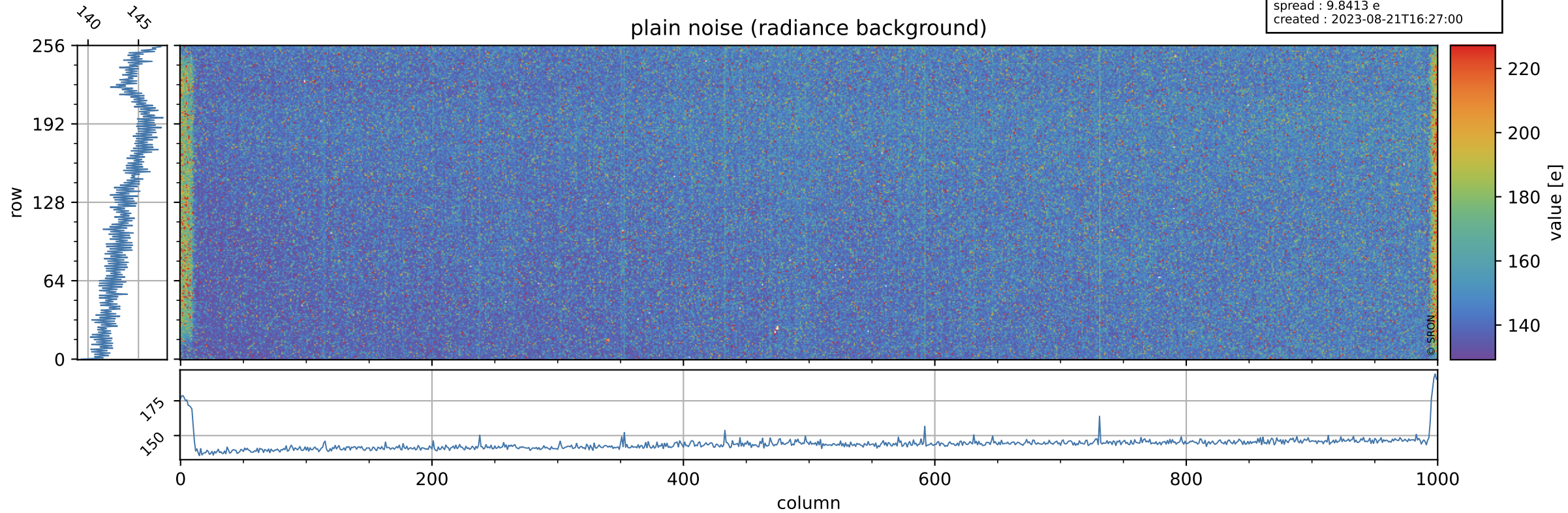
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22837, 22927]
coverage : 2022-03-11 / 2022-03-17
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.8413 e
created : 2023-08-21T16:27:00

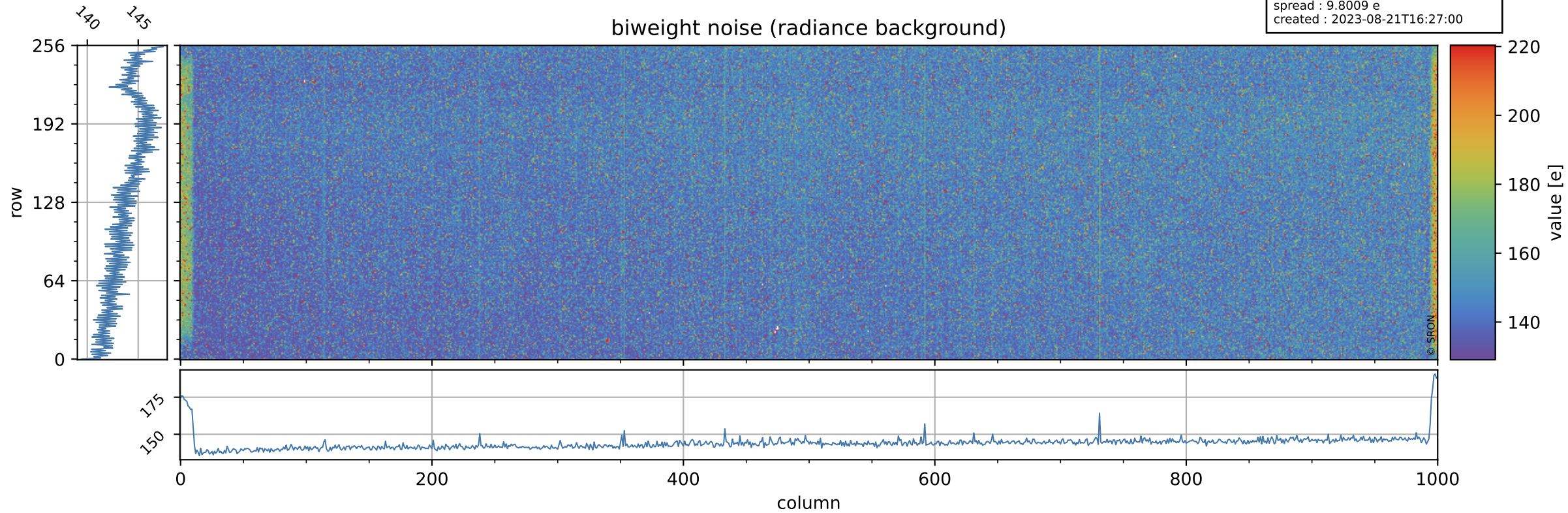
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22837, 22927]
coverage : 2022-03-11 / 2022-03-17
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.8009 e
created : 2023-08-21T16:27:00

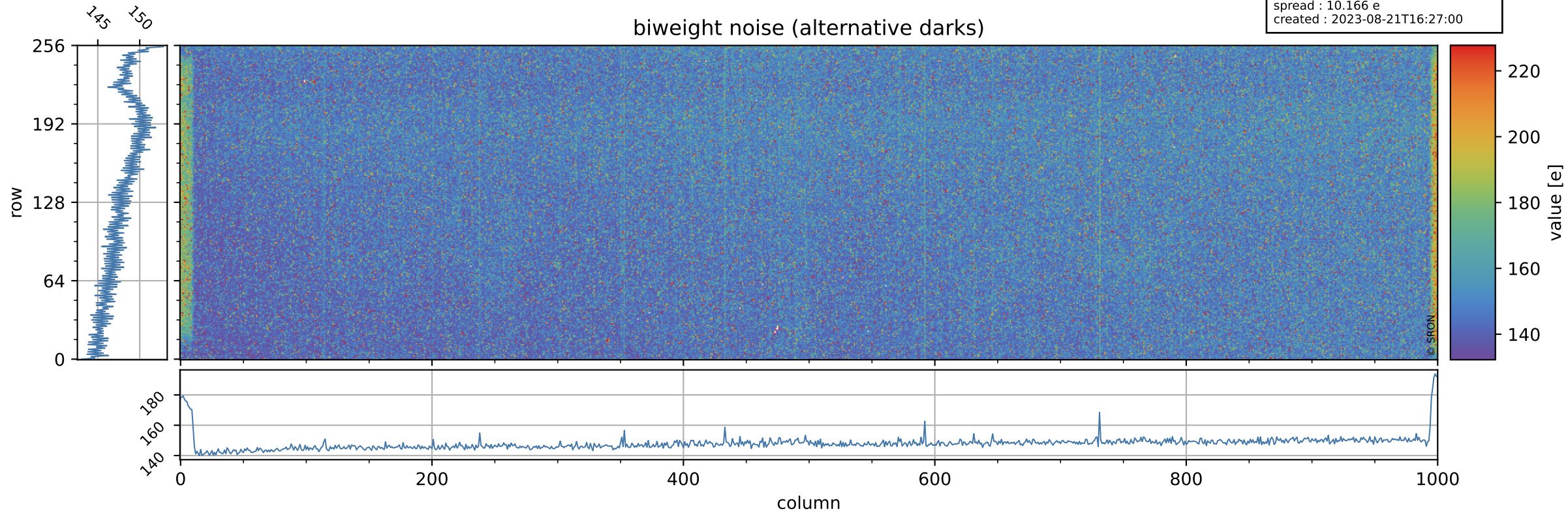
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22837, 22927]
coverage : 2022-03-11 / 2022-03-17
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.166 e
created : 2023-08-21T16:27:00

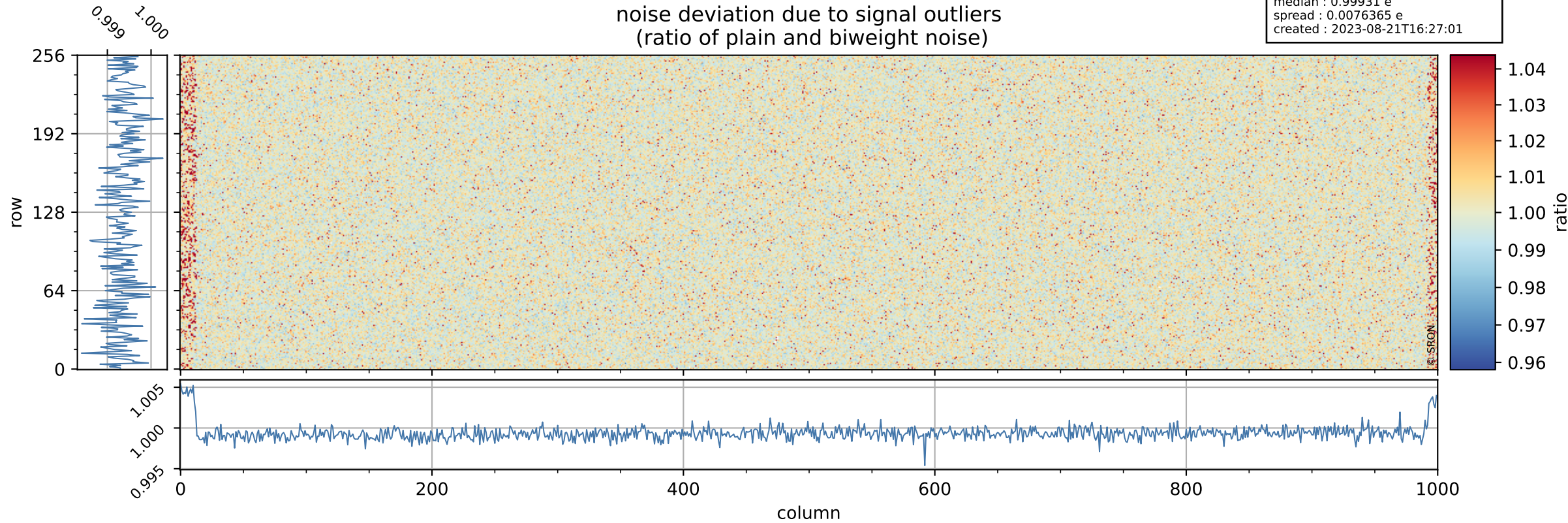
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

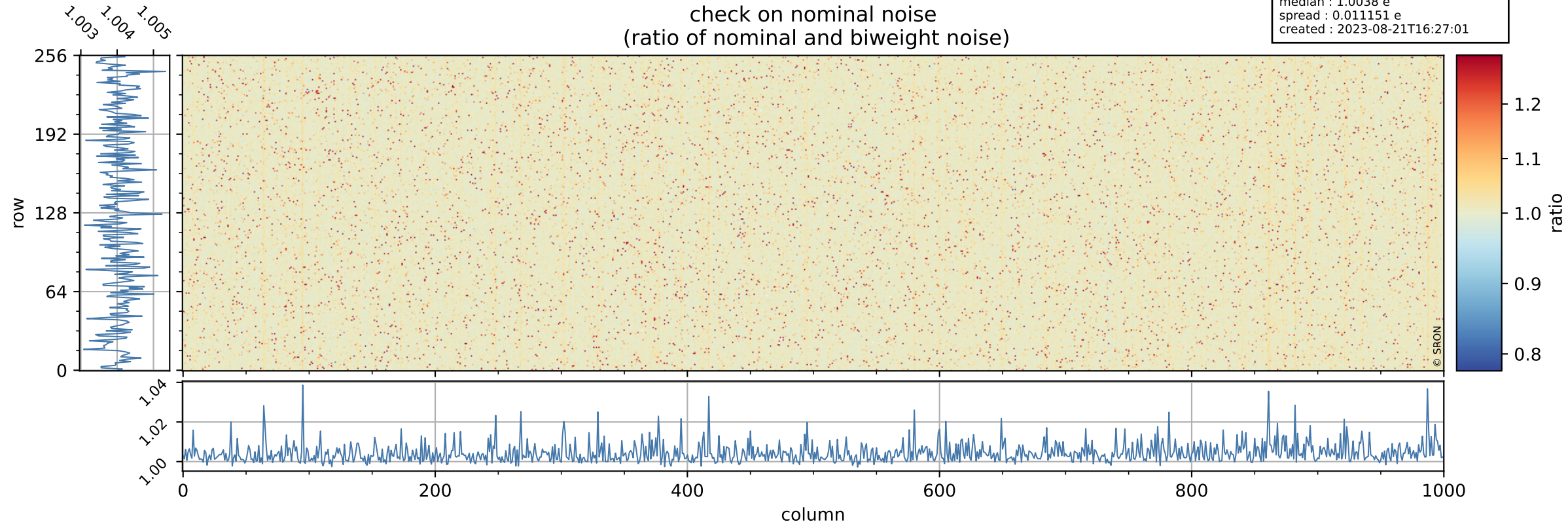
orbits : 12 in [22837, 22927]
coverage : 2022-03-11 / 2022-03-17
median : 0.99931 e
spread : 0.0076365 e
created : 2023-08-21T16:27:01



Tropomi SWIR background noise (swir)

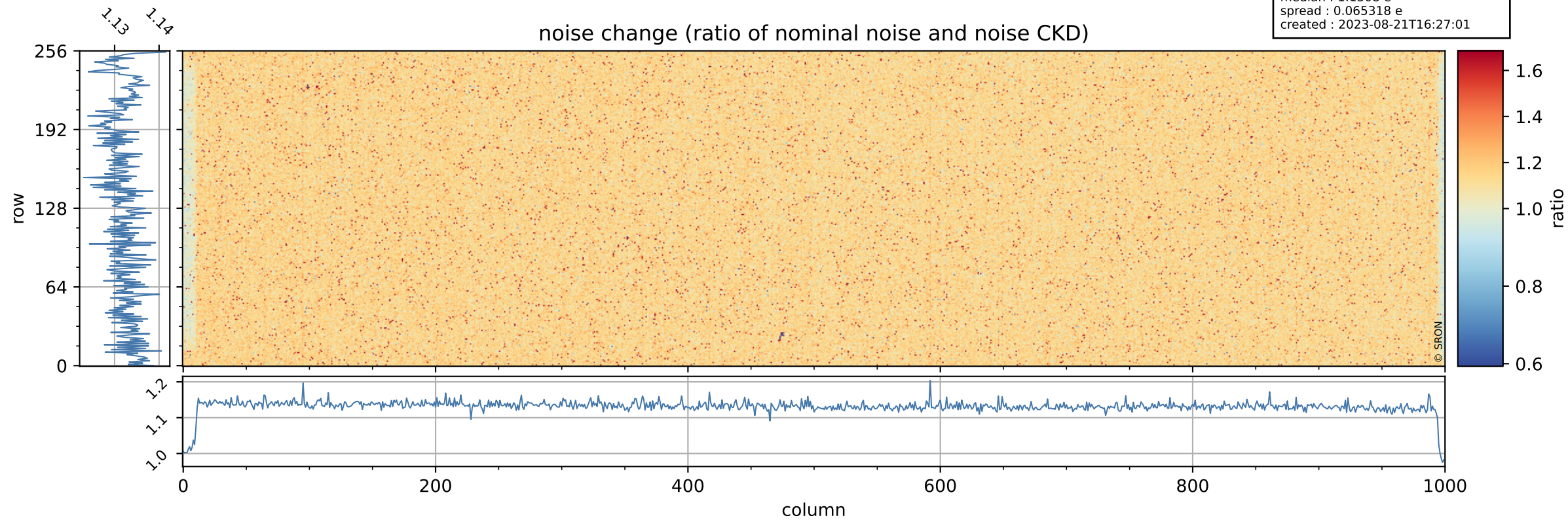
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22837, 22927]
coverage : 2022-03-11 / 2022-03-17
median : 1.0038 e
spread : 0.011151 e
created : 2023-08-21T16:27:01



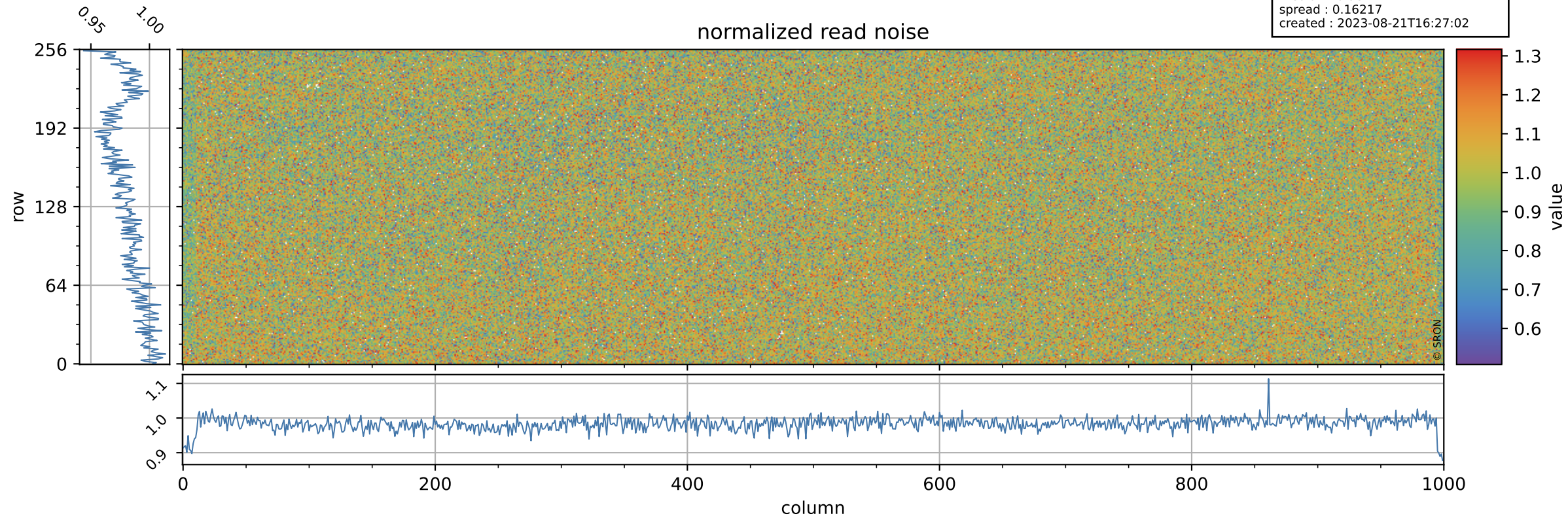
Tropomi SWIR background noise (swir)

orbits : 12 in [22837, 22927]
coverage : 2022-03-11 / 2022-03-17
median : 1.1308 e
spread : 0.065318 e
created : 2023-08-21T16:27:01



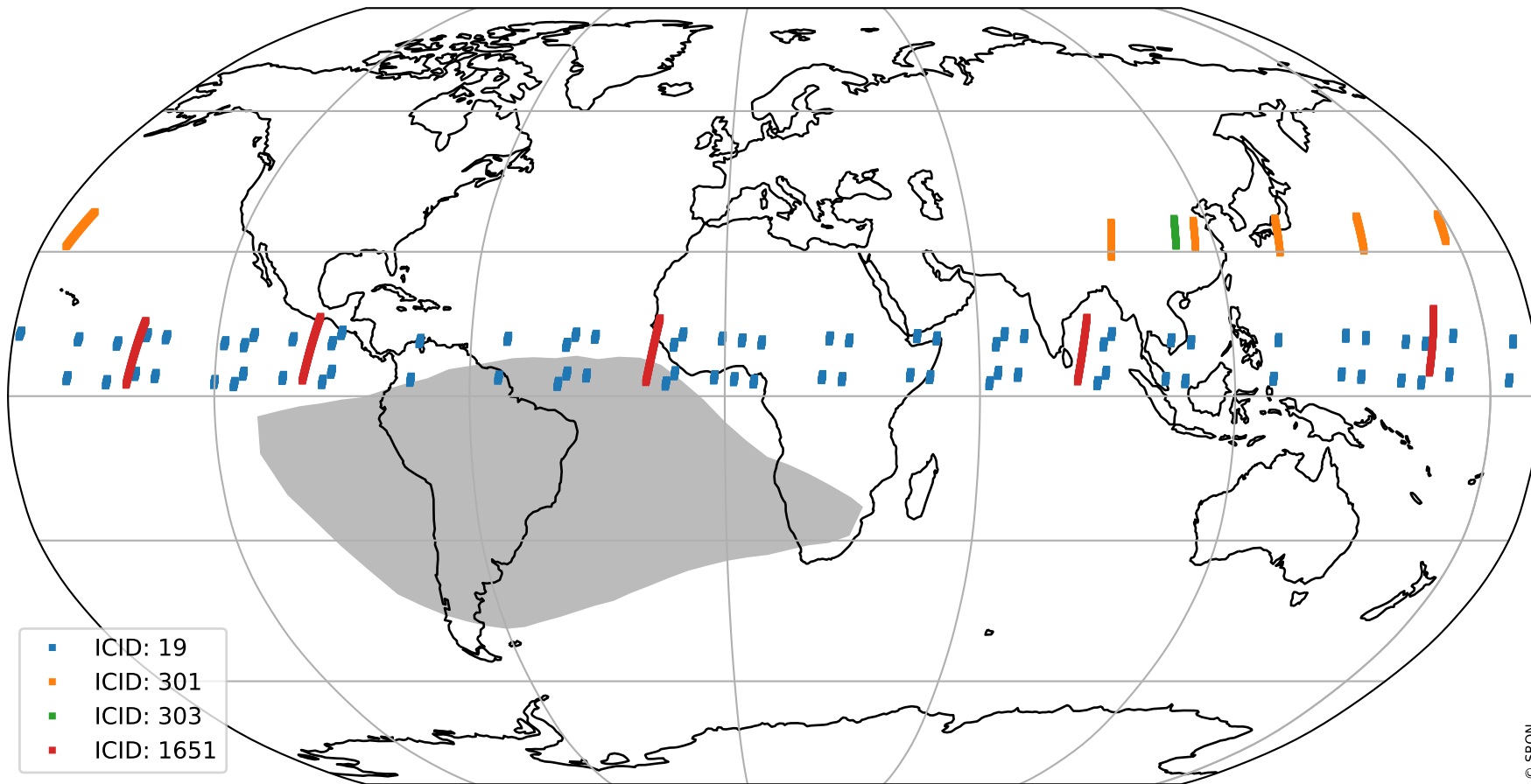
Tropomi SWIR background noise (swir)

orbits : 12 in [22837, 22927]
coverage : 2022-03-11 / 2022-03-17
median : 0.98177
spread : 0.16217
created : 2023-08-21T16:27:02



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

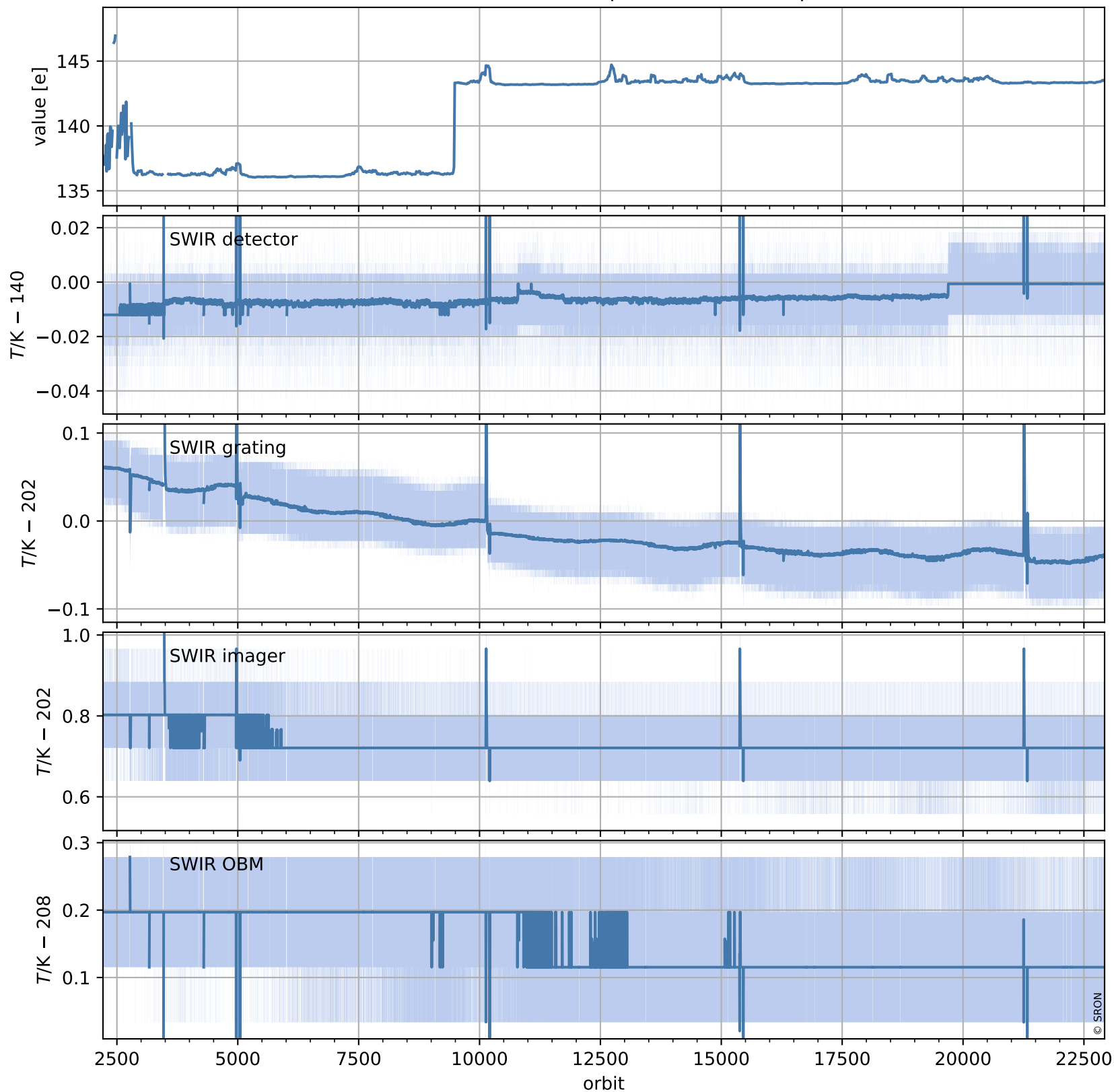
orbits : 12 in [22837, 22927]
coverage : 2022-03-11 / 2022-03-17
created : 2023-08-21T16:27:02



Tropomi SWIR background noise (swir)

orbits : [2212, 22927]
coverage : 2018-03-18 / 2022-03-17
created : 2023-08-21T16:27:02

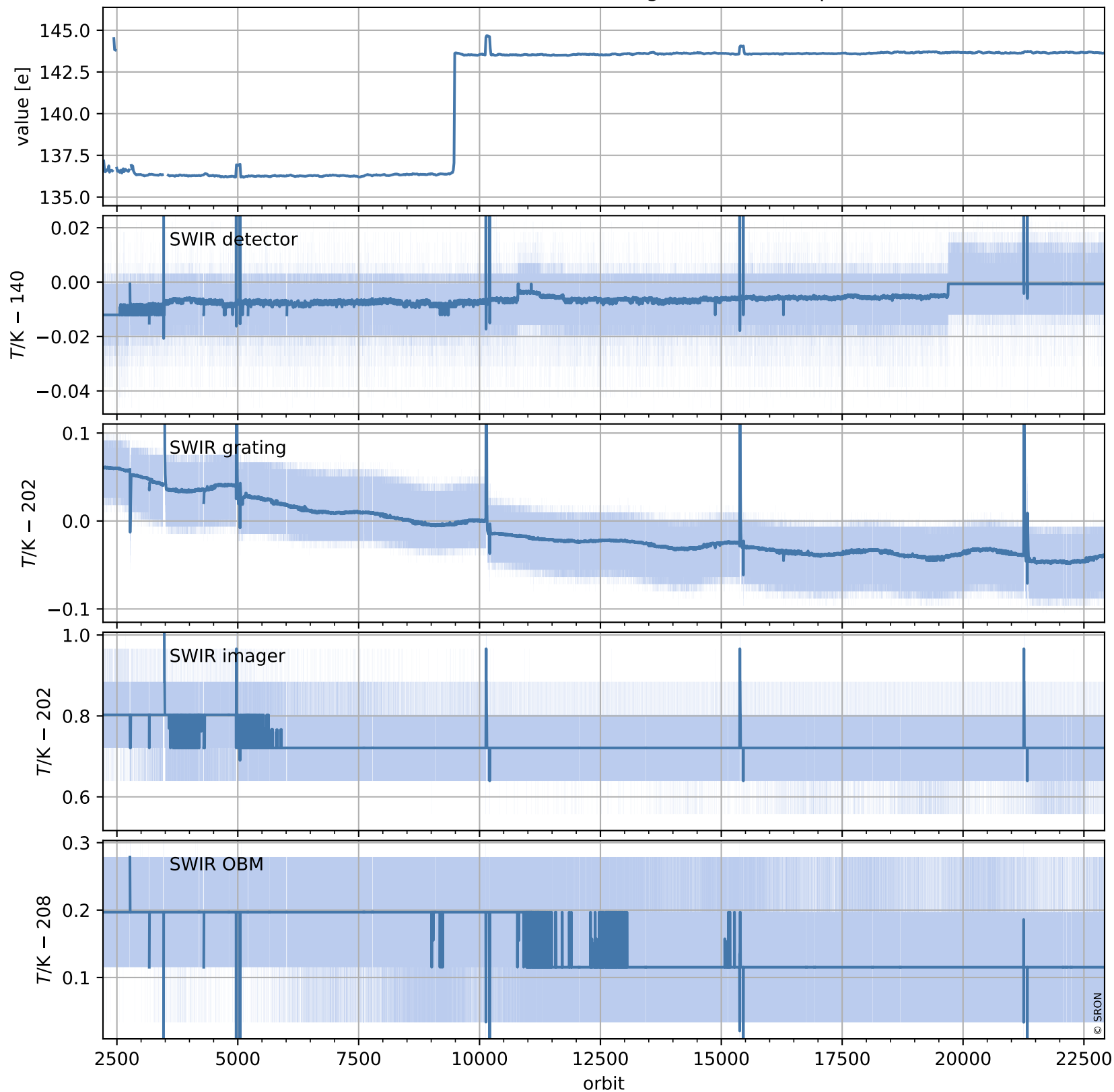
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22927]
coverage : 2018-03-18 / 2022-03-17
created : 2023-08-21T16:27:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22927]
coverage : 2018-03-18 / 2022-03-17
created : 2023-08-21T16:27:04

trend of normalized read-noise & temperatures

