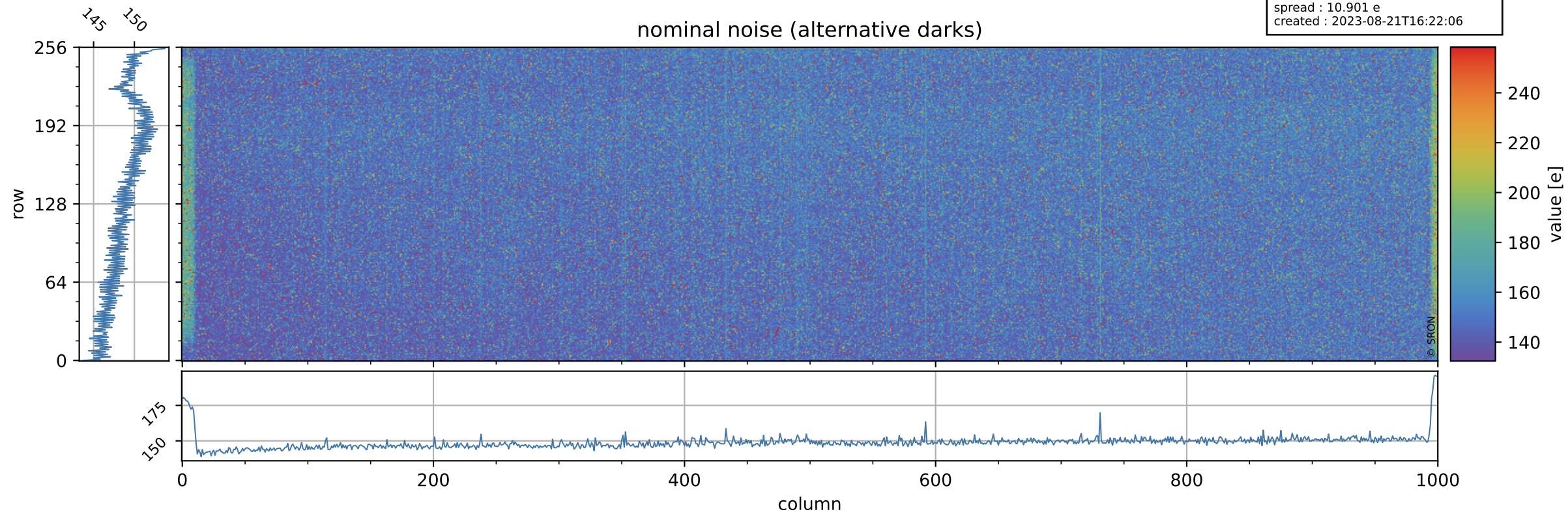


Tropomi SWIR background noise (swir)

orbits : 12 in [22087, 22162]
coverage : 2022-01-16 / 2022-01-21
n_coad, t_exp : 1, 1.0783
median : 148.7 e
spread : 10.901 e
created : 2023-08-21T16:22:06

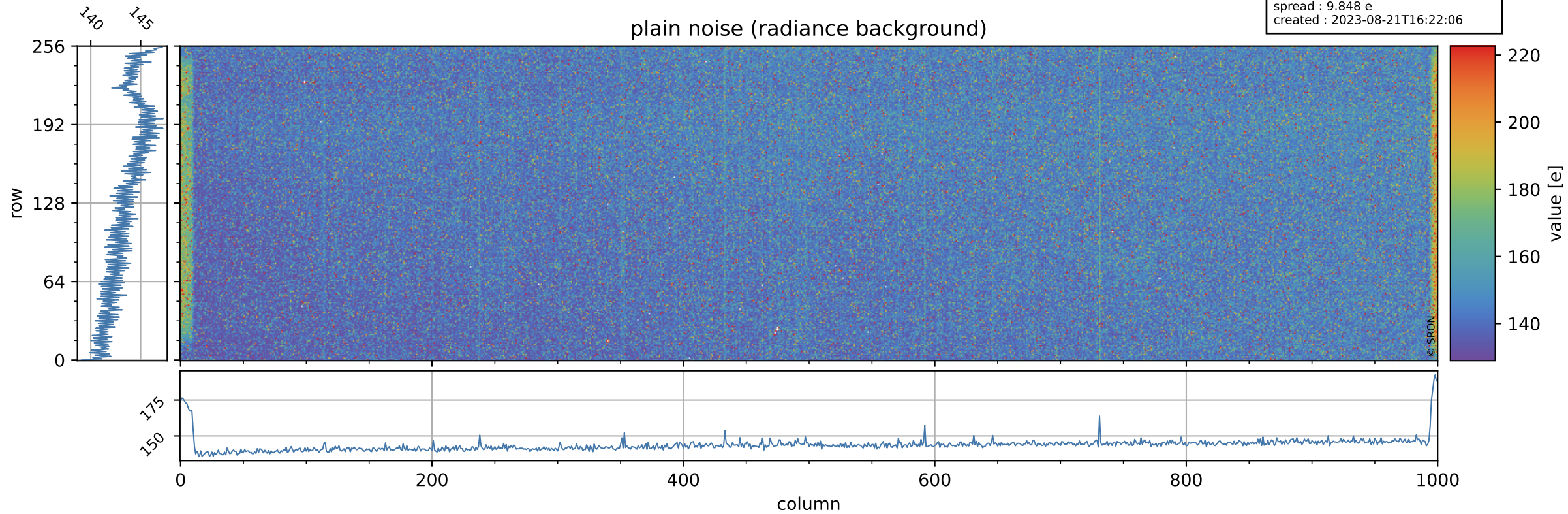
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22087, 22162]
coverage : 2022-01-16 / 2022-01-21
n_coad, t_exp : 1, 0.8383
median : 143.5 e
spread : 9.848 e
created : 2023-08-21T16:22:06

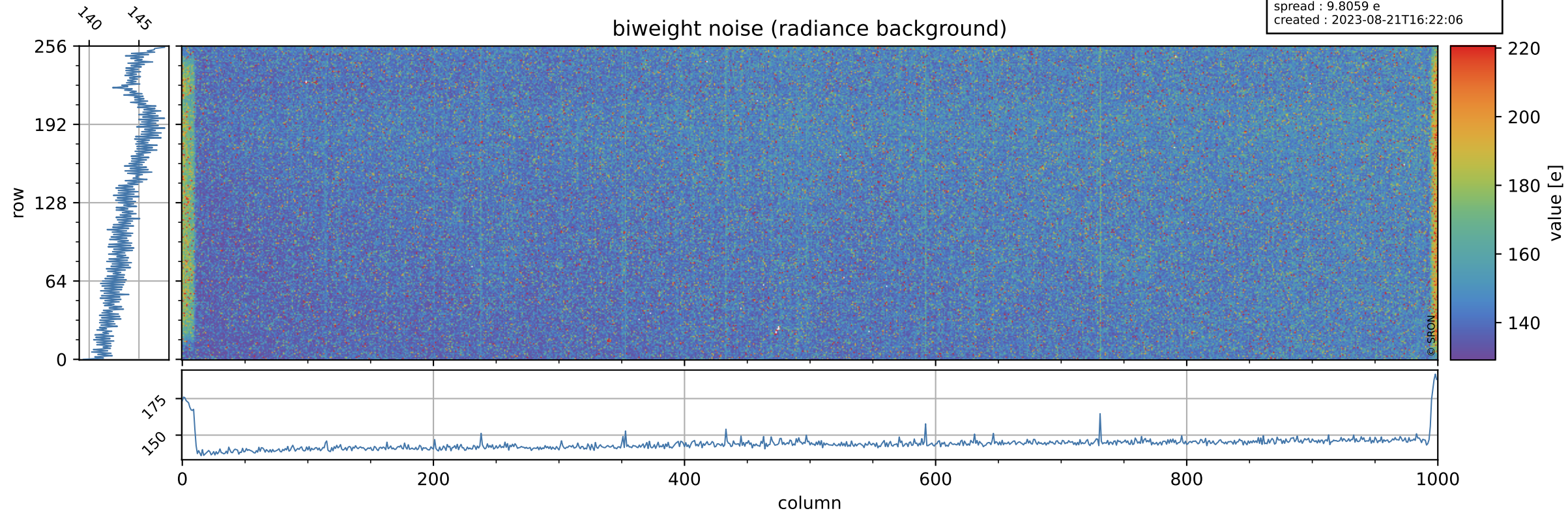
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22087, 22162]
coverage : 2022-01-16 / 2022-01-21
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.8059 e
created : 2023-08-21T16:22:06

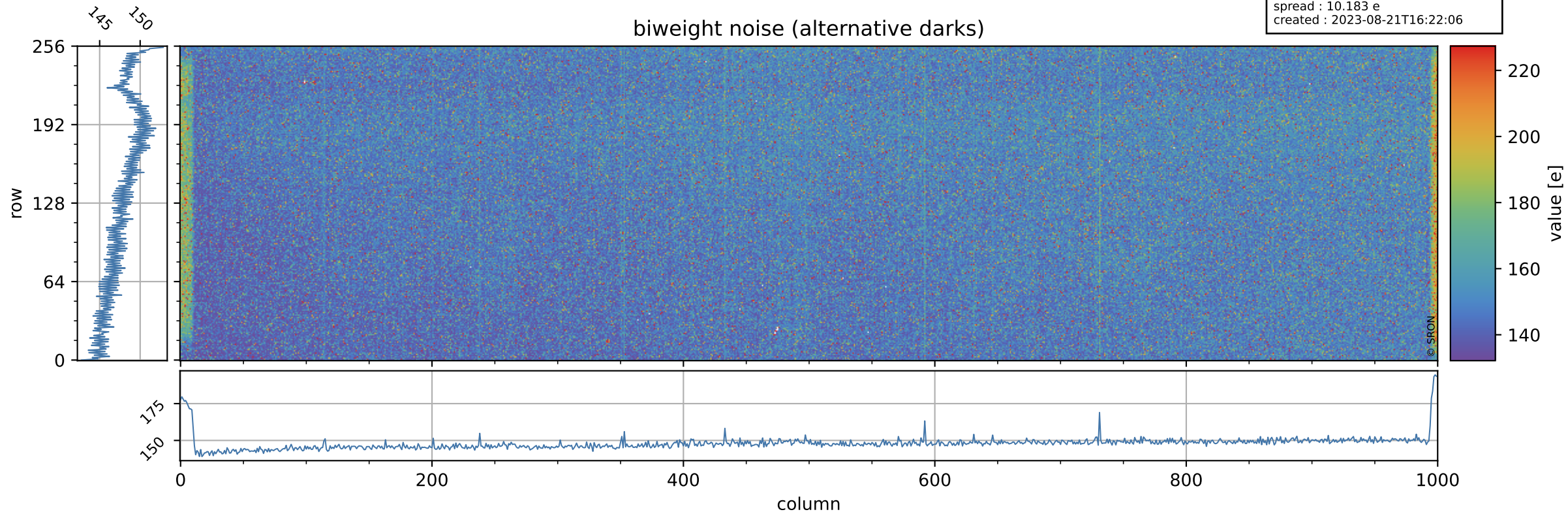
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22087, 22162]
coverage : 2022-01-16 / 2022-01-21
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.183 e
created : 2023-08-21T16:22:06

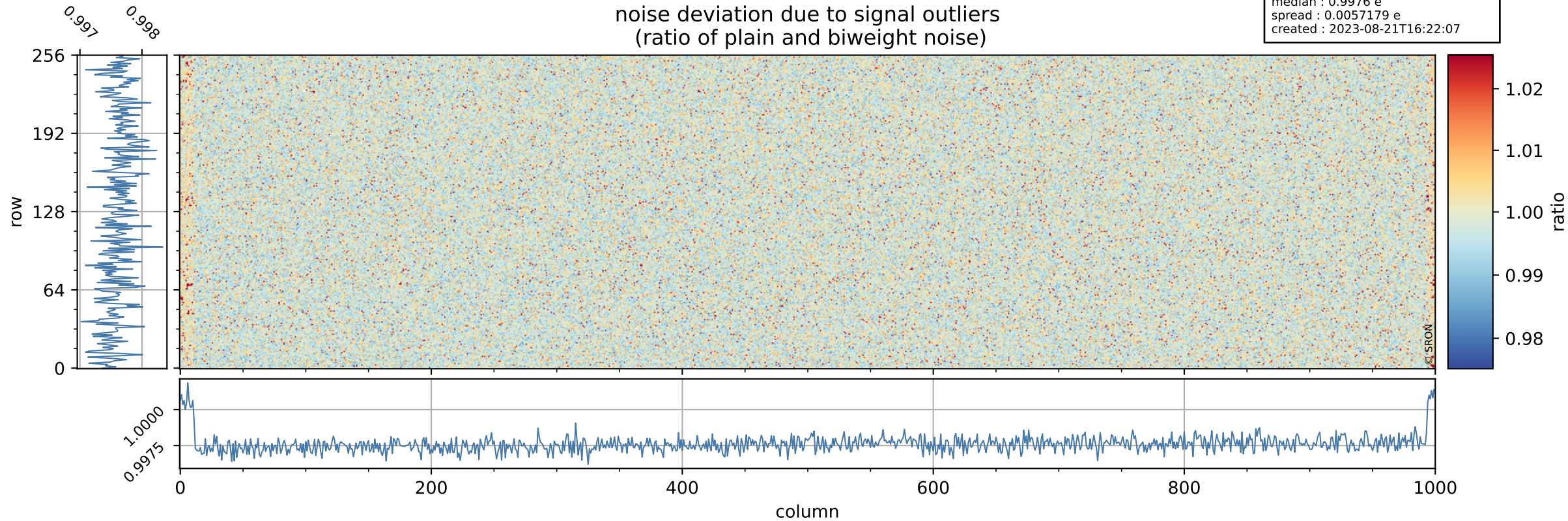
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

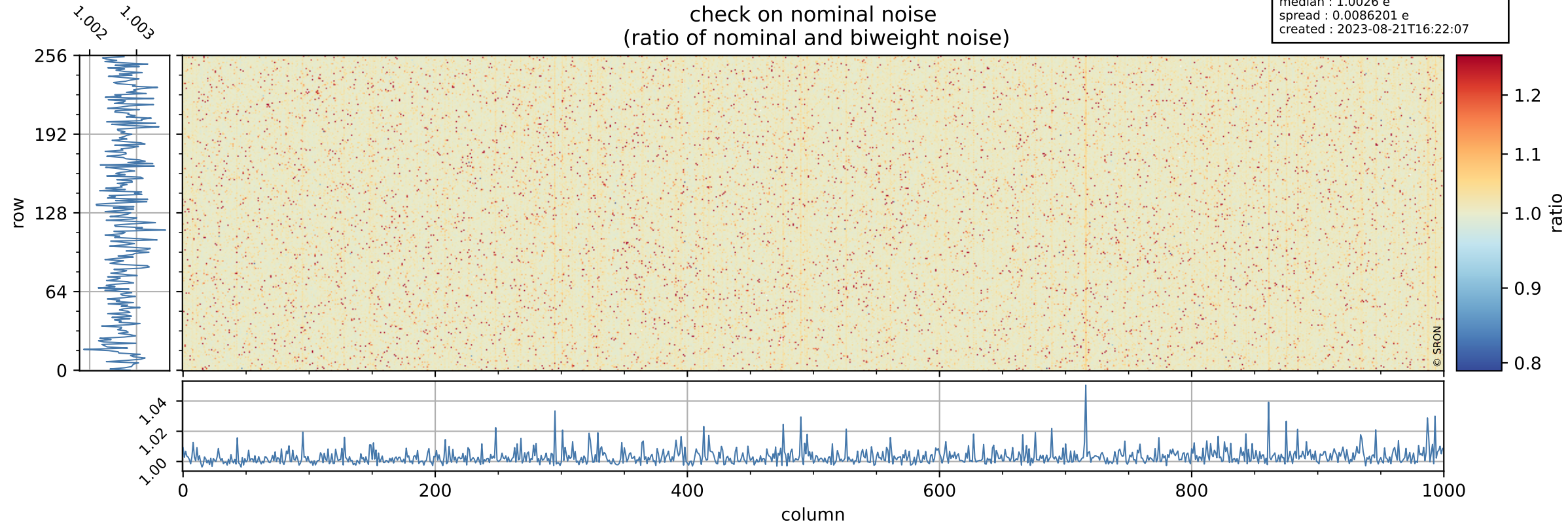
orbits : 12 in [22087, 22162]
coverage : 2022-01-16 / 2022-01-21
median : 0.9976 e
spread : 0.0057179 e
created : 2023-08-21T16:22:07



Tropomi SWIR background noise (swir)

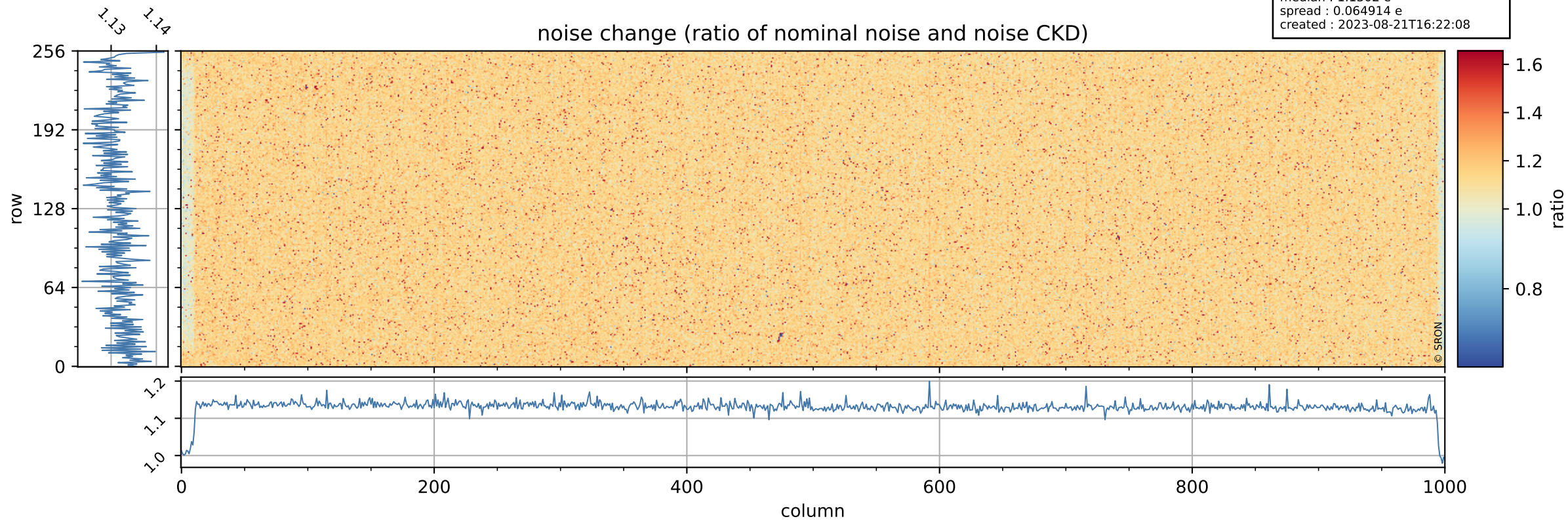
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22087, 22162]
coverage : 2022-01-16 / 2022-01-21
median : 1.0026 e
spread : 0.0086201 e
created : 2023-08-21T16:22:07



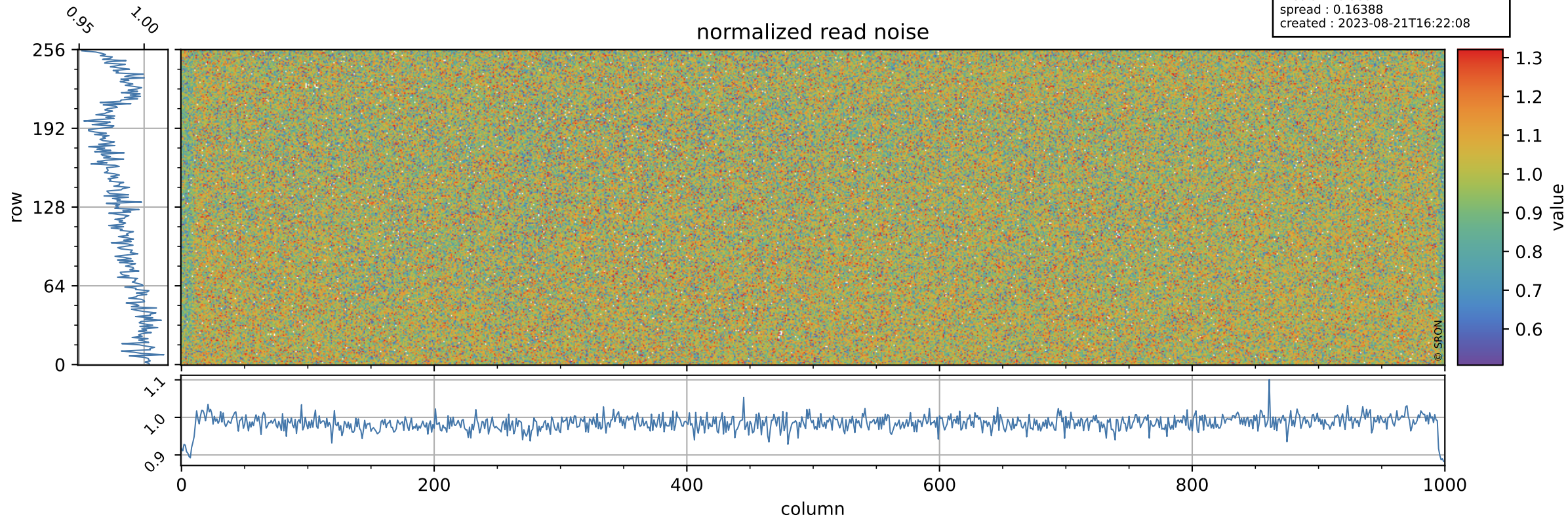
Tropomi SWIR background noise (swir)

orbits : 12 in [22087, 22162]
coverage : 2022-01-16 / 2022-01-21
median : 1.1302 e
spread : 0.064914 e
created : 2023-08-21T16:22:08



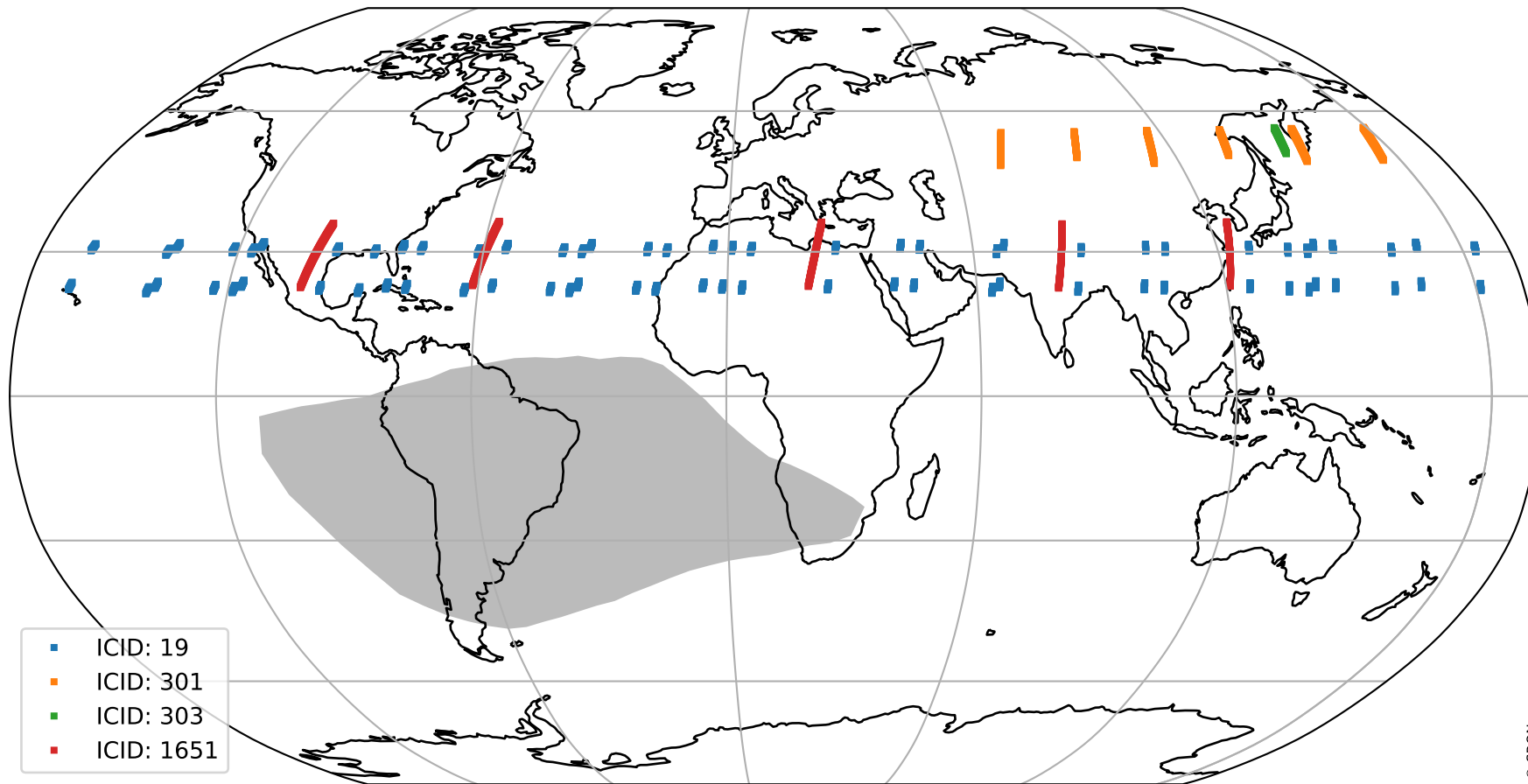
Tropomi SWIR background noise (swir)

orbits : 12 in [22087, 22162]
coverage : 2022-01-16 / 2022-01-21
median : 0.9832
spread : 0.16388
created : 2023-08-21T16:22:08



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

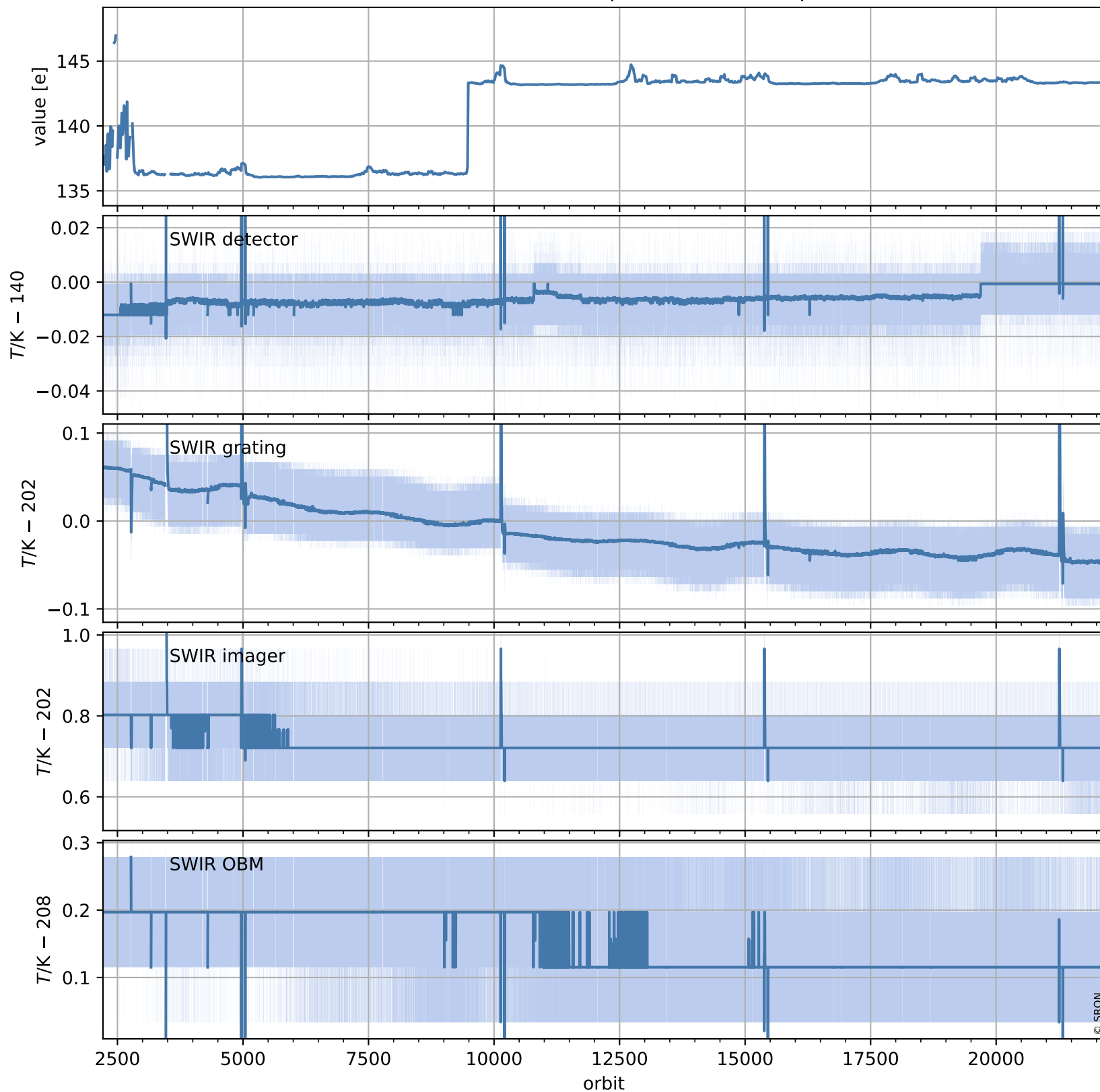
orbits : 12 in [22087, 22162]
coverage : 2022-01-16 / 2022-01-21
created : 2023-08-21T16:22:08



Tropomi SWIR background noise (swir)

orbits : [2212, 22162]
coverage : 2018-03-18 / 2022-01-21
created : 2023-08-21T16:22:08

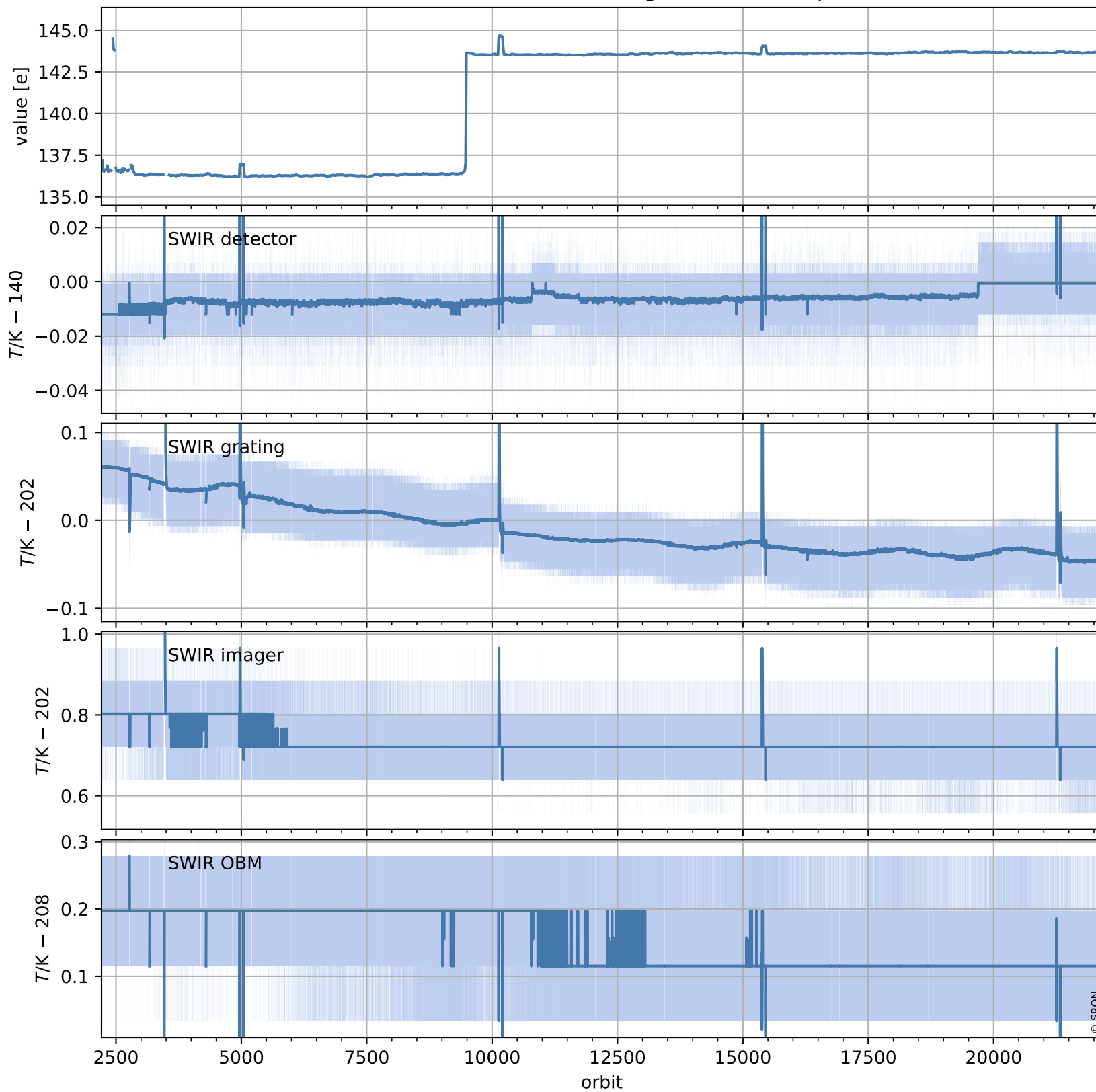
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22162]
coverage : 2018-03-18 / 2022-01-21
created : 2023-08-21T16:22:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22162]
coverage : 2018-03-18 / 2022-01-21
created : 2023-08-21T16:22:10

trend of normalized read-noise & temperatures

