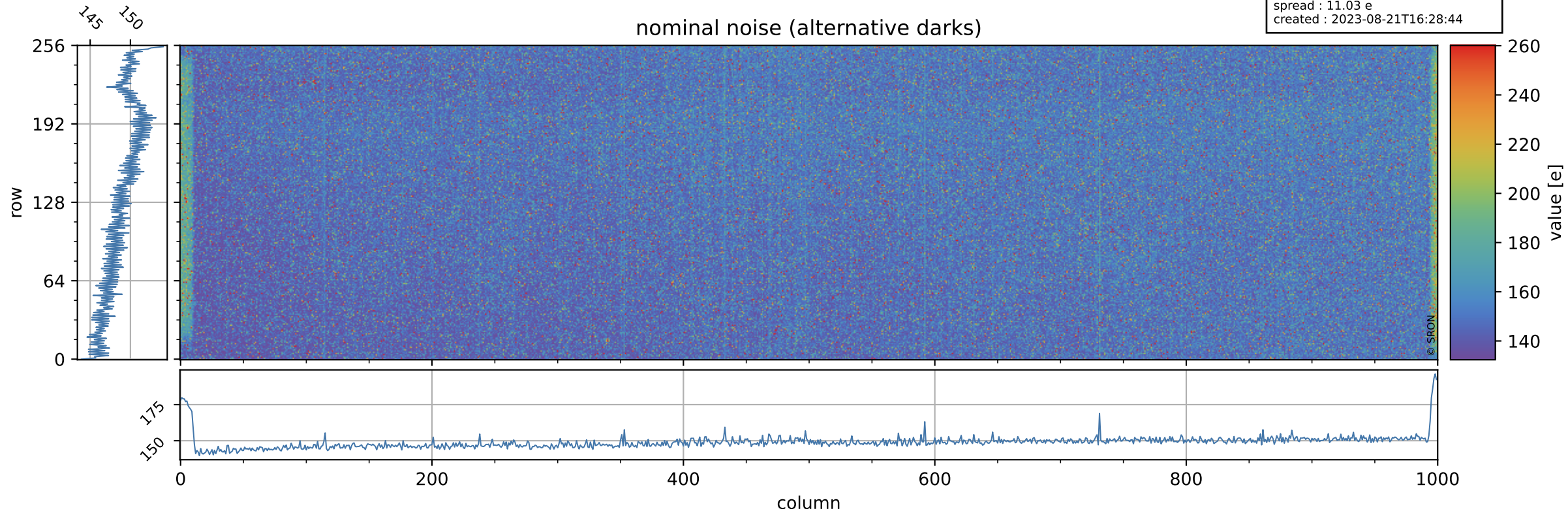


Tropomi SWIR background noise (swir)

orbits : 12 in [23107, 23197]
coverage : 2022-03-30 / 2022-04-05
n_coad, t_exp : 1, 1.0783
median : 148.81 e
spread : 11.03 e
created : 2023-08-21T16:28:44

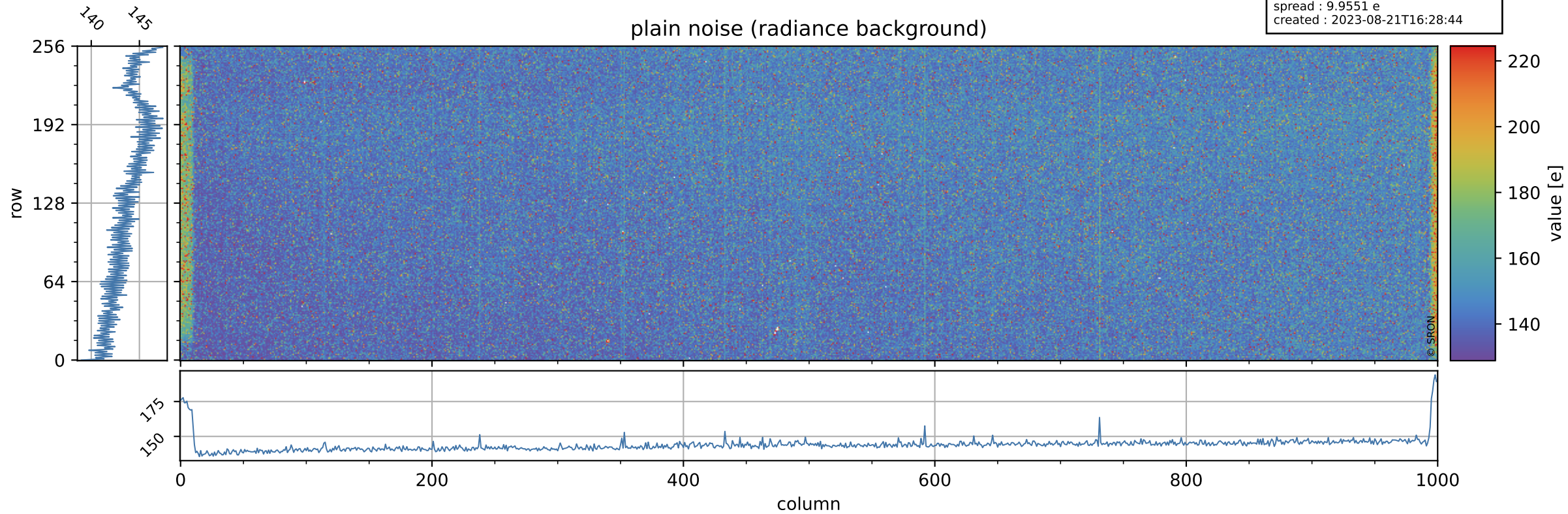
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23107, 23197]
coverage : 2022-03-30 / 2022-04-05
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.9551 e
created : 2023-08-21T16:28:44

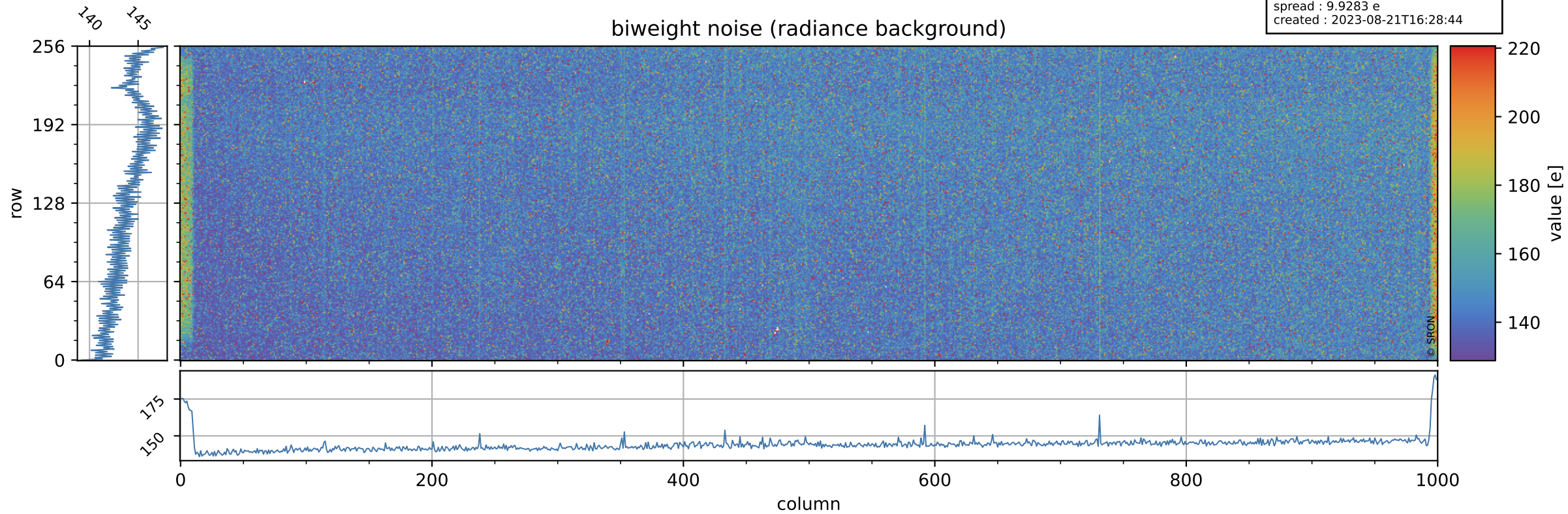
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23107, 23197]
coverage : 2022-03-30 / 2022-04-05
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.9283 e
created : 2023-08-21T16:28:44

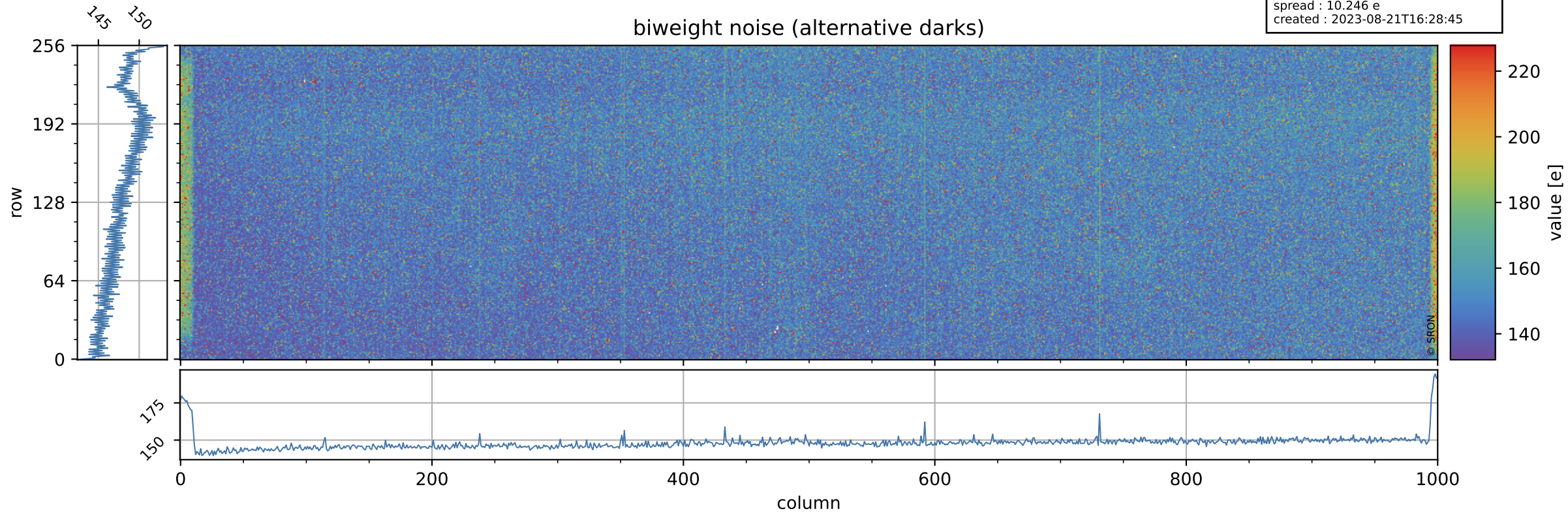
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23107, 23197]
coverage : 2022-03-30 / 2022-04-05
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.246 e
created : 2023-08-21T16:28:45

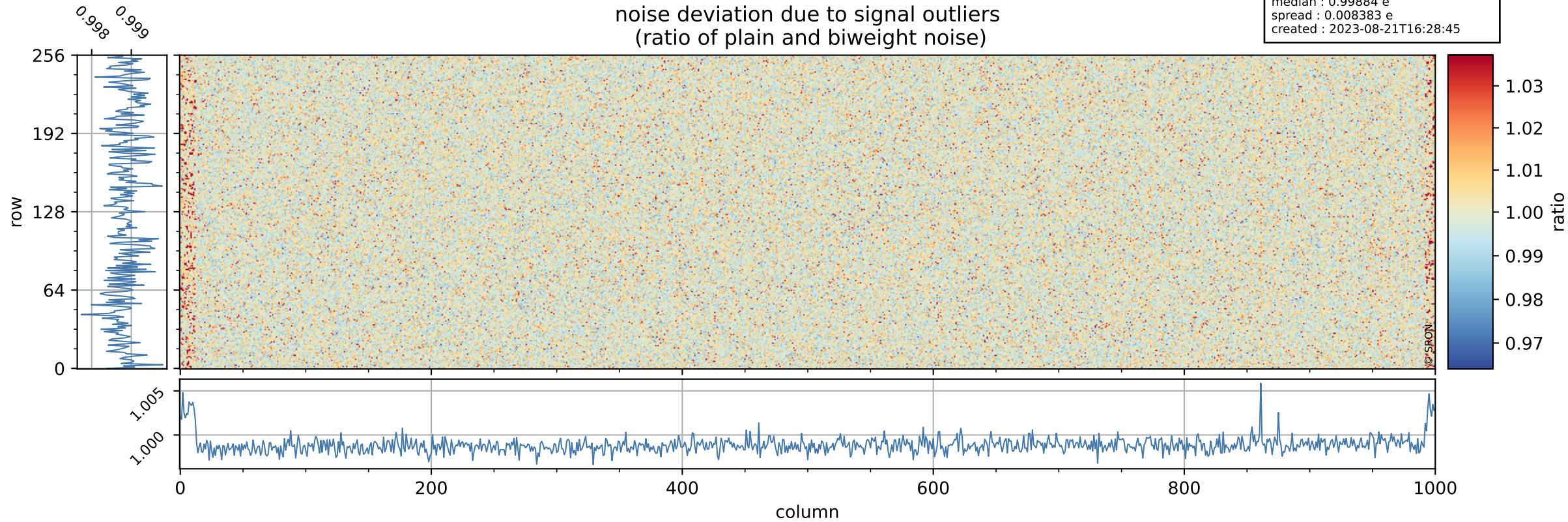
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

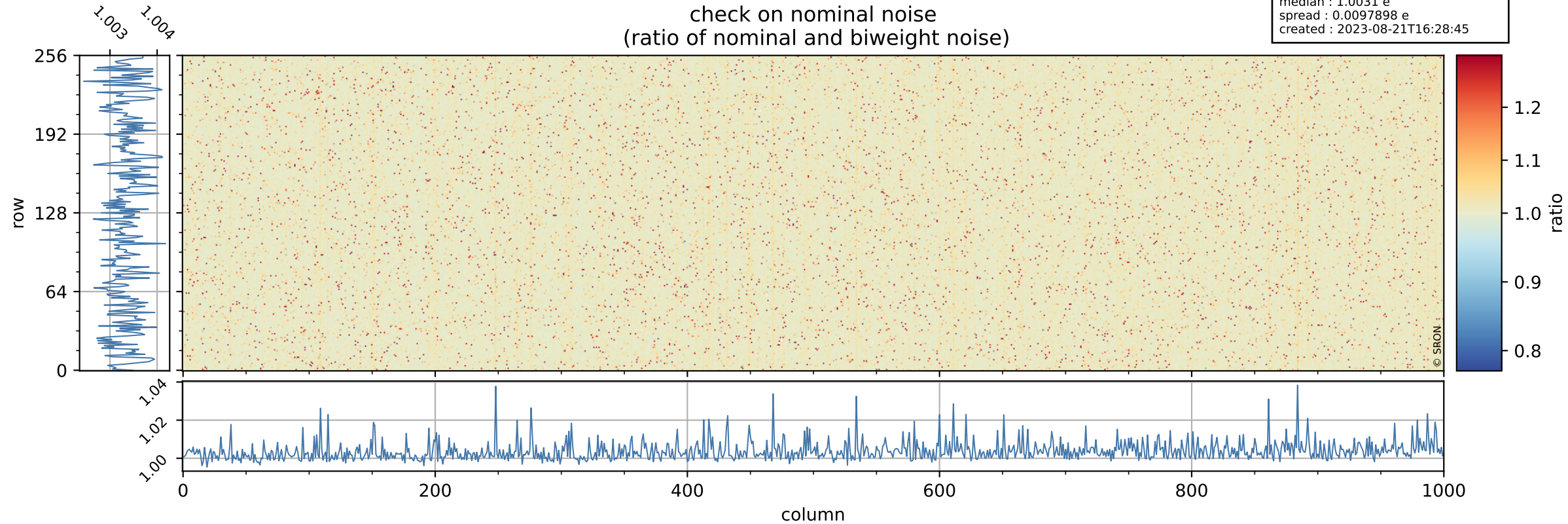
orbits : 12 in [23107, 23197]
coverage : 2022-03-30 / 2022-04-05
median : 0.99884 e
spread : 0.008383 e
created : 2023-08-21T16:28:45



Tropomi SWIR background noise (swir)

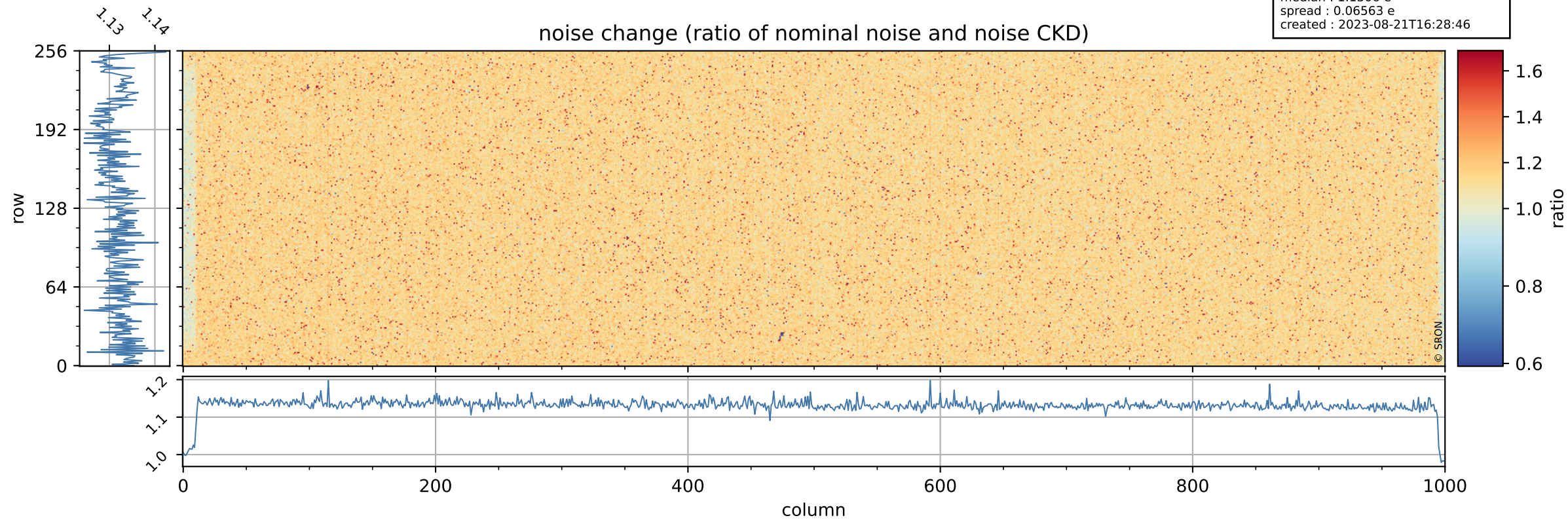
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23107, 23197]
coverage : 2022-03-30 / 2022-04-05
median : 1.0031 e
spread : 0.0097898 e
created : 2023-08-21T16:28:45



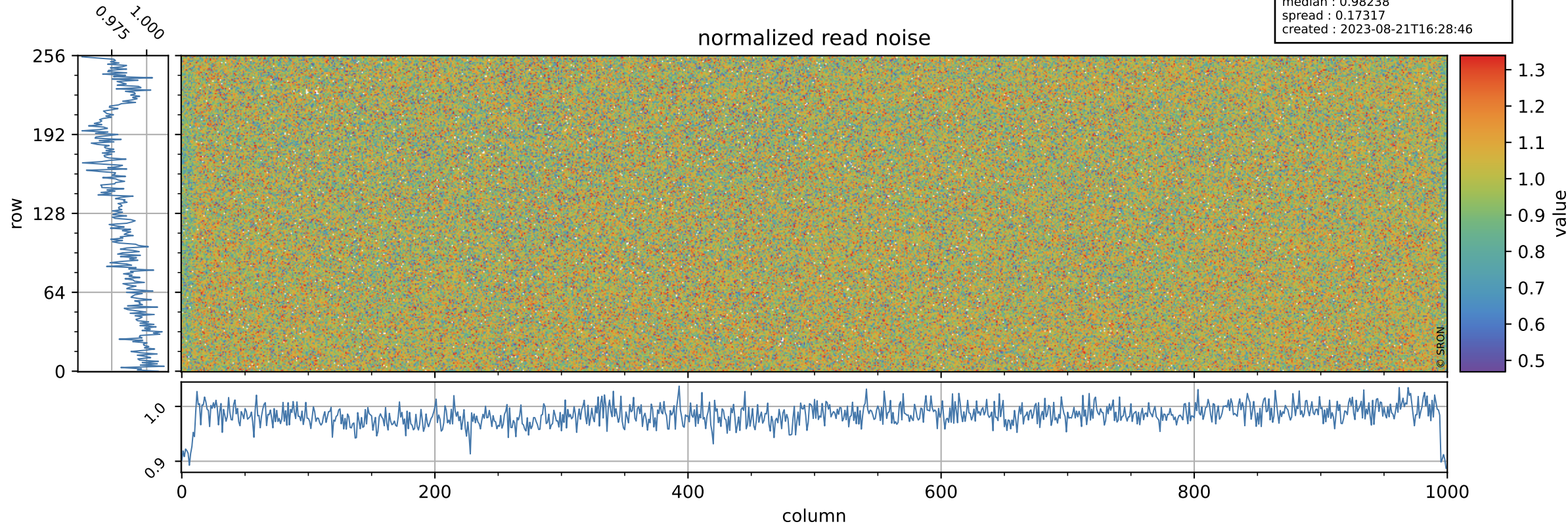
Tropomi SWIR background noise (swir)

orbits : 12 in [23107, 23197]
coverage : 2022-03-30 / 2022-04-05
median : 1.1306 e
spread : 0.06563 e
created : 2023-08-21T16:28:46



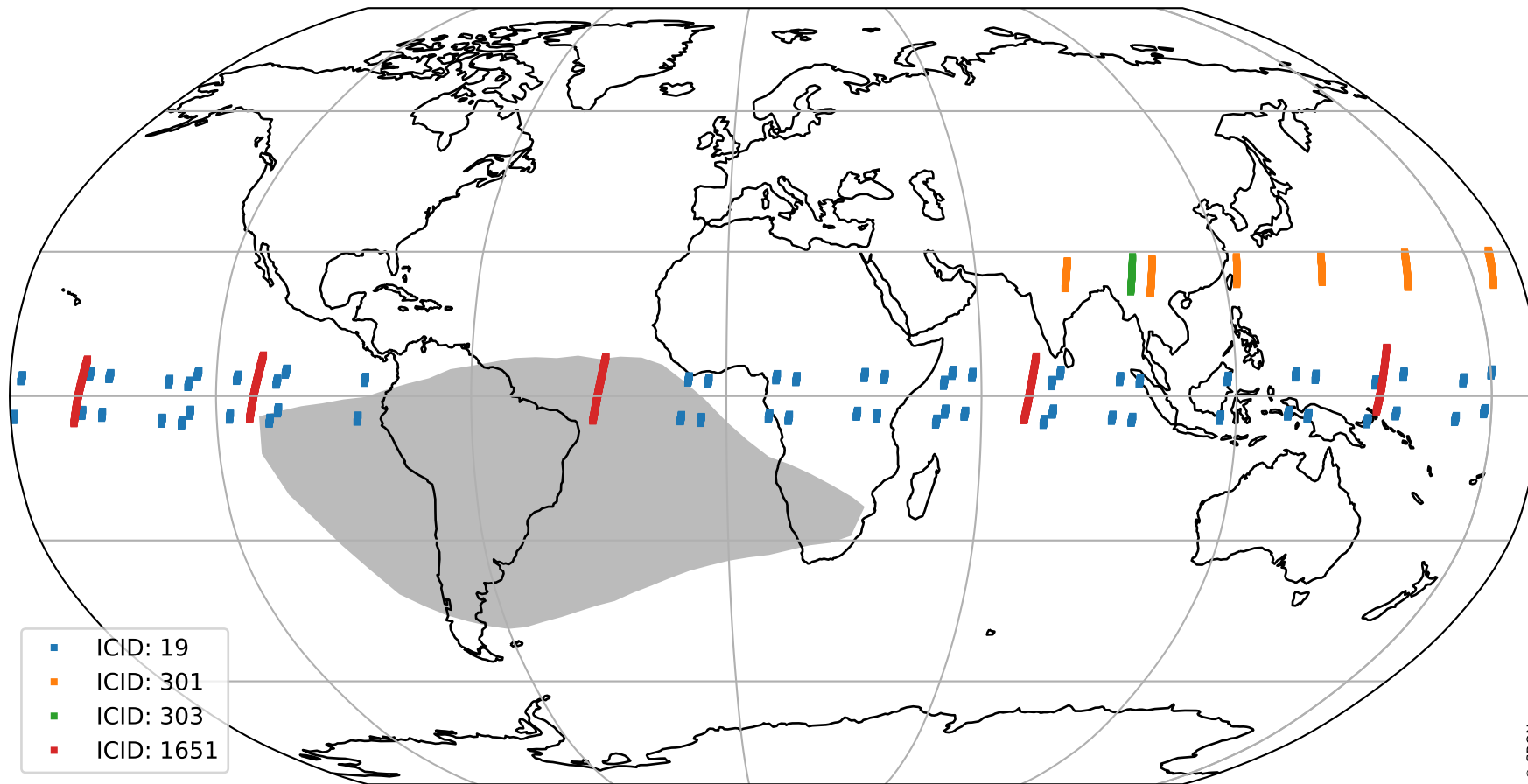
Tropomi SWIR background noise (swir)

orbits : 12 in [23107, 23197]
coverage : 2022-03-30 / 2022-04-05
median : 0.98238
spread : 0.17317
created : 2023-08-21T16:28:46



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

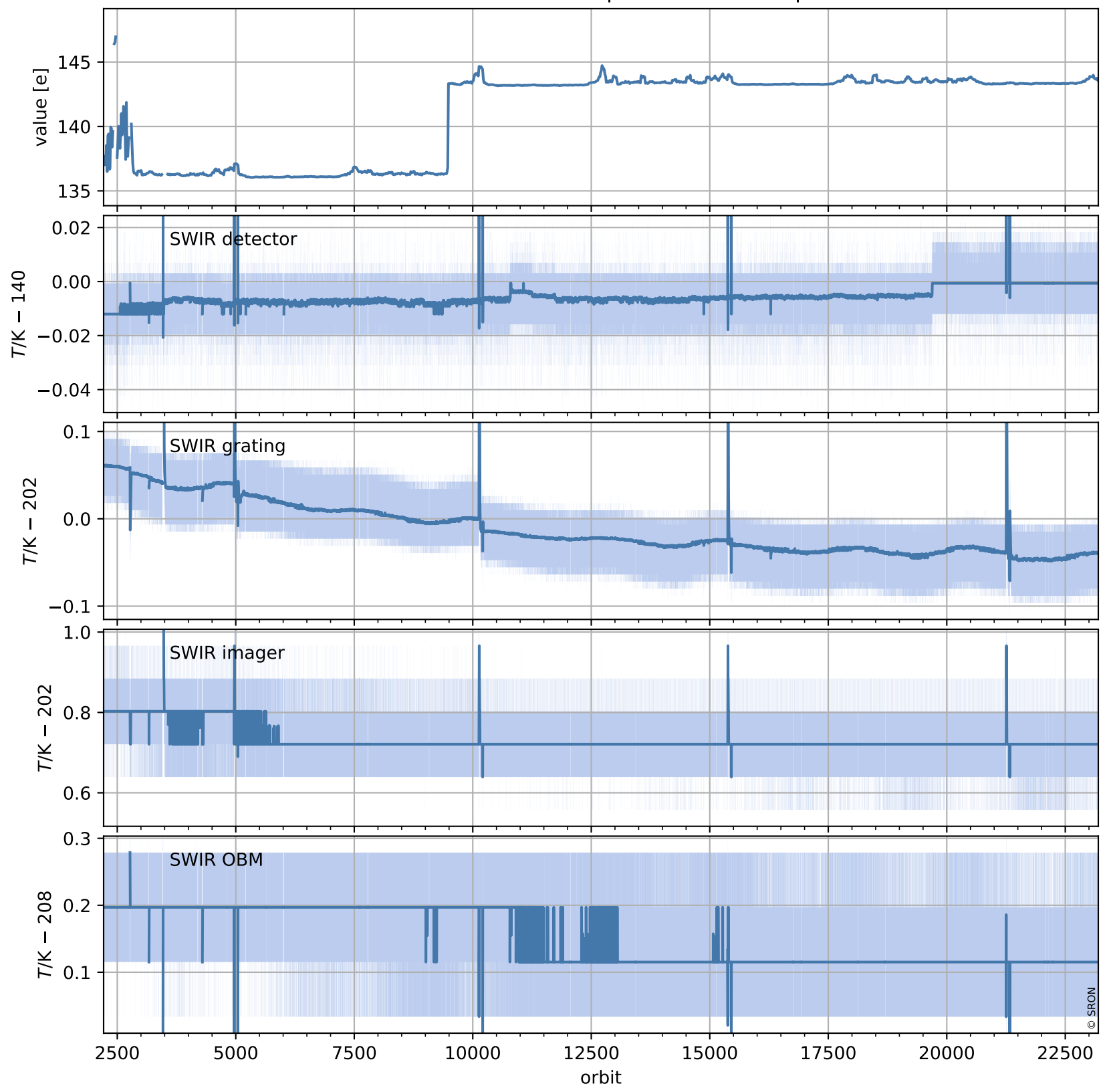
orbits : 12 in [23107, 23197]
coverage : 2022-03-30 / 2022-04-05
created : 2023-08-21T16:28:46



Tropomi SWIR background noise (swir)

orbits : [2212, 23197]
coverage : 2018-03-18 / 2022-04-05
created : 2023-08-21T16:28:47

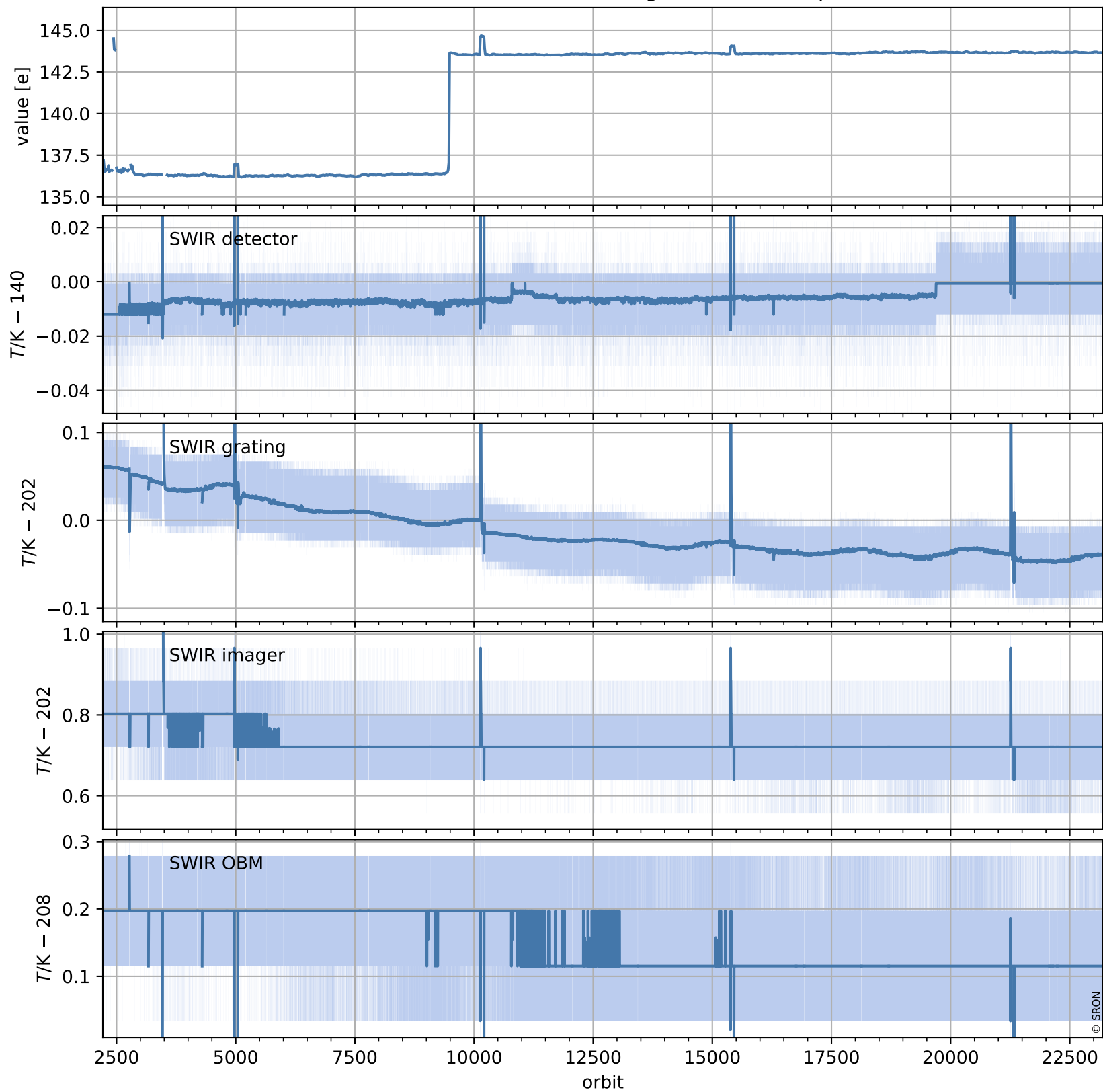
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23197]
coverage : 2018-03-18 / 2022-04-05
created : 2023-08-21T16:28:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23197]
coverage : 2018-03-18 / 2022-04-05
created : 2023-08-21T16:28:48

trend of normalized read-noise & temperatures

