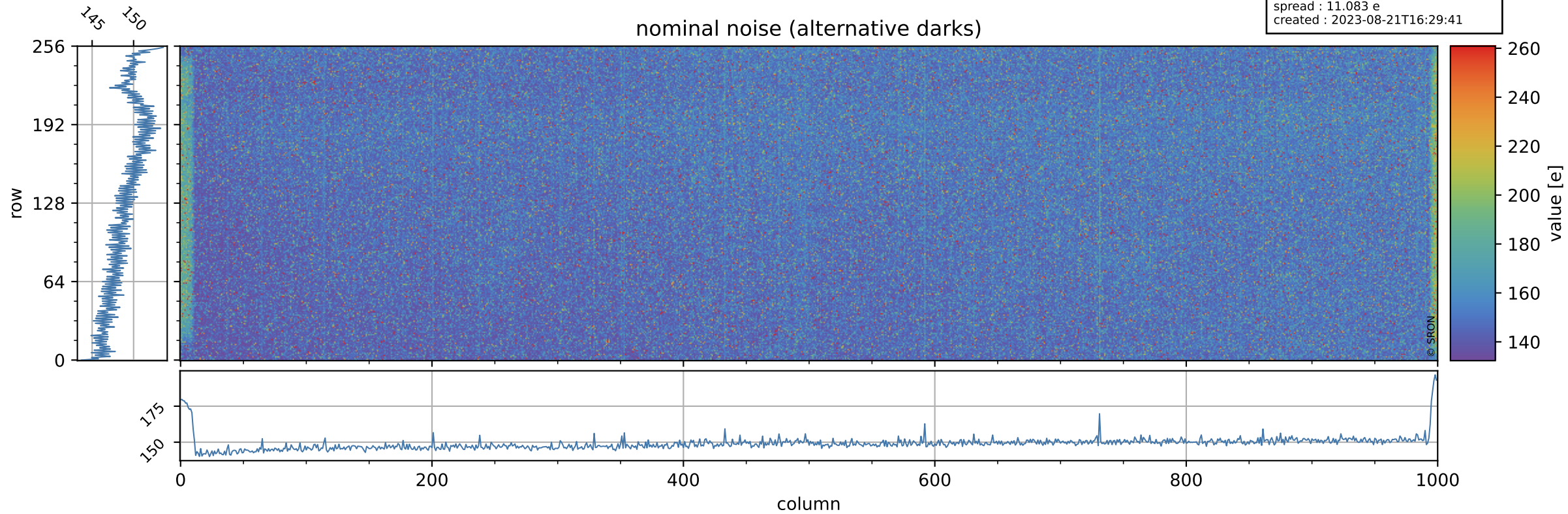


Tropomi SWIR background noise (swir)

orbits : 12 in [23257, 23347]
coverage : 2022-04-10 / 2022-04-16
n_coad, t_exp : 1, 1.0783
median : 148.9 e
spread : 11.083 e
created : 2023-08-21T16:29:41

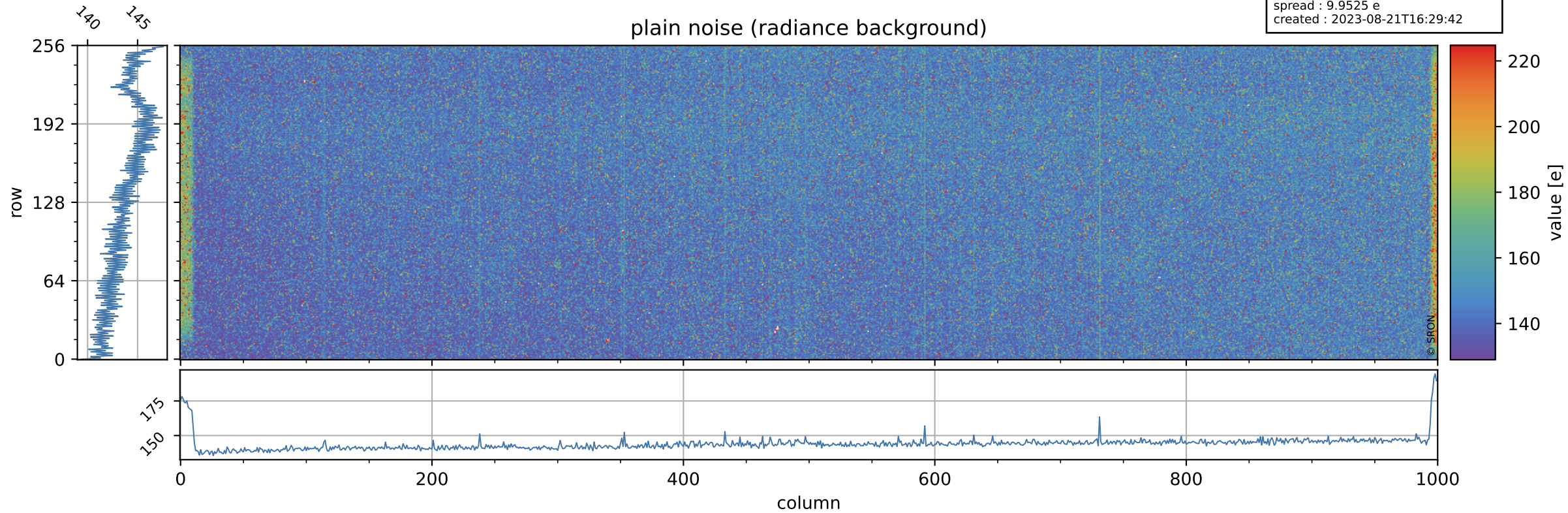
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23257, 23347]
coverage : 2022-04-10 / 2022-04-16
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 9.9525 e
created : 2023-08-21T16:29:42

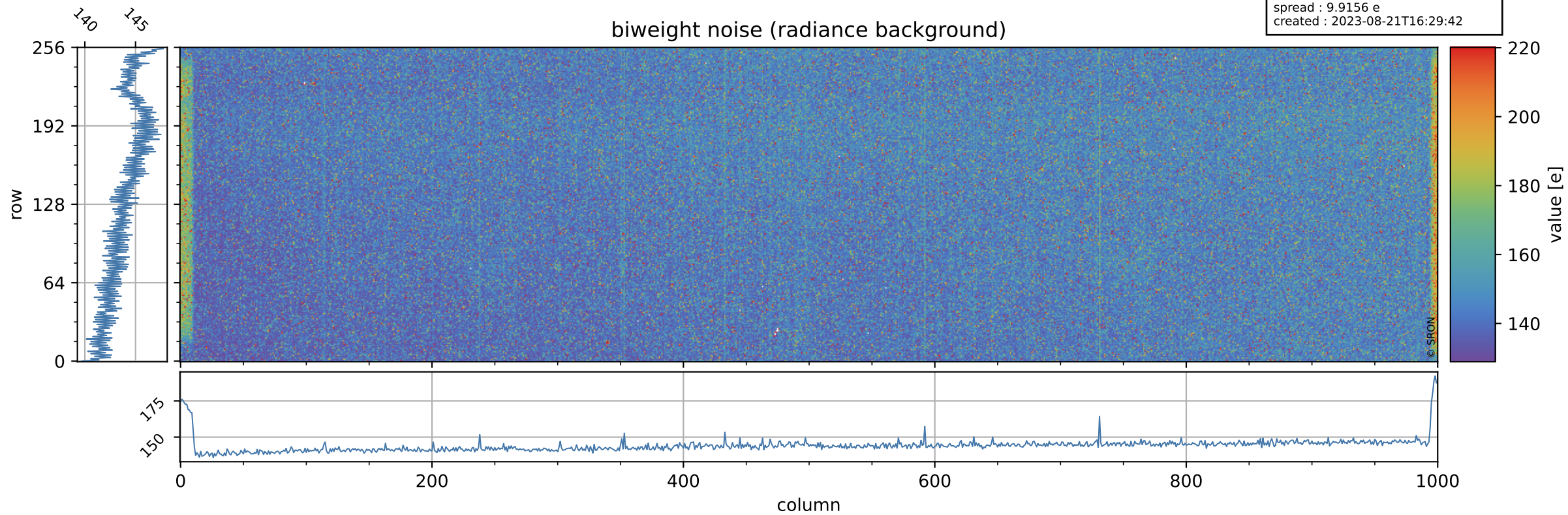
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23257, 23347]
coverage : 2022-04-10 / 2022-04-16
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.9156 e
created : 2023-08-21T16:29:42

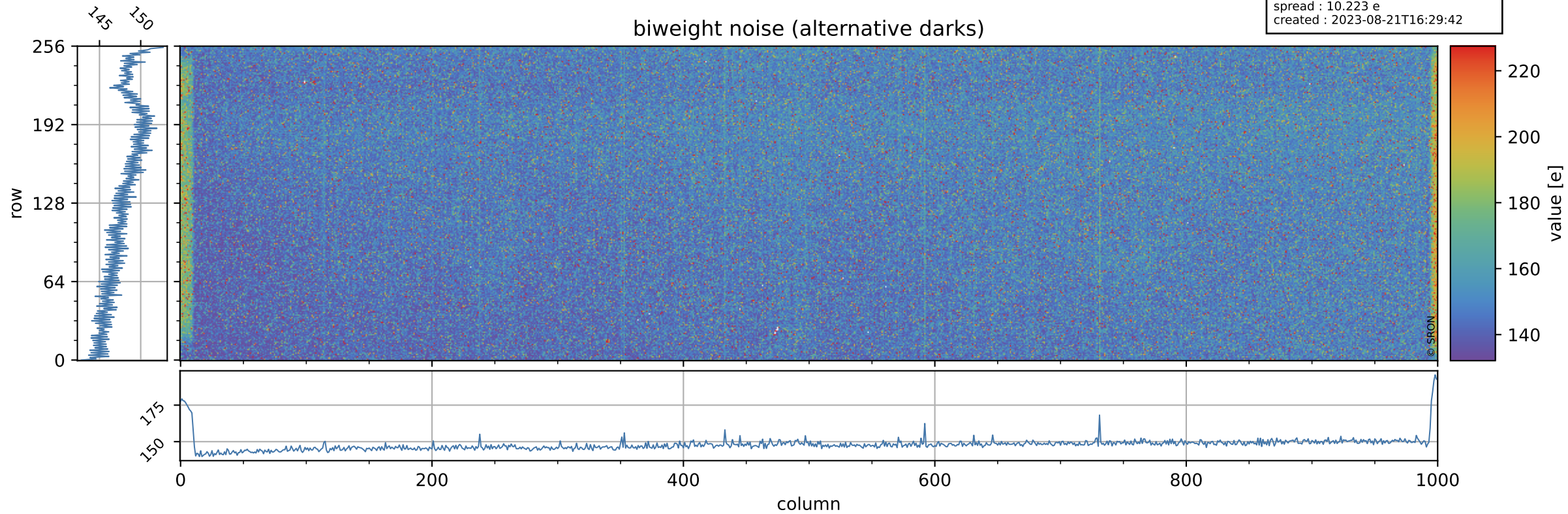
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23257, 23347]
coverage : 2022-04-10 / 2022-04-16
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.223 e
created : 2023-08-21T16:29:42

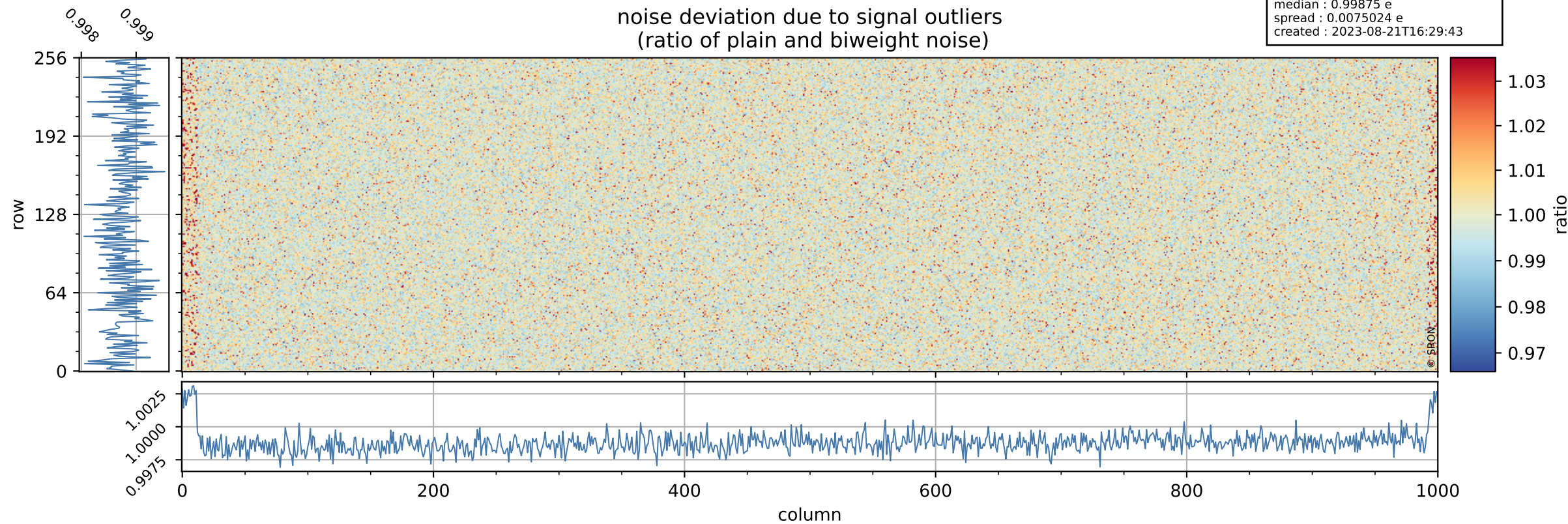
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

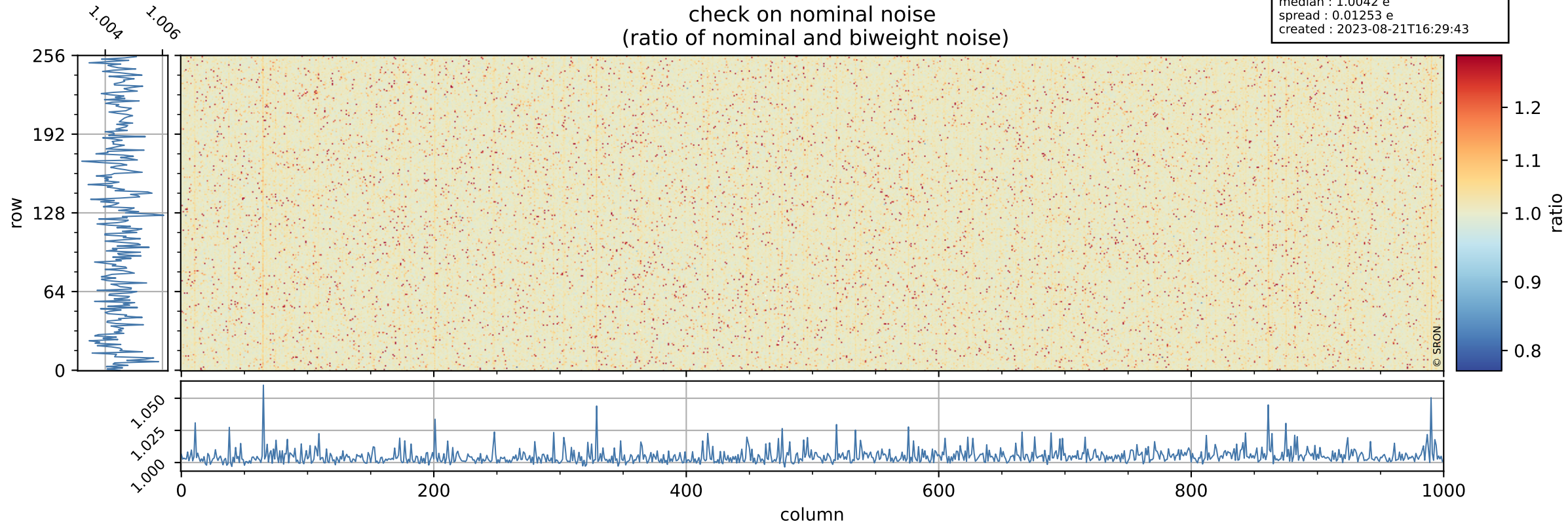
orbits : 12 in [23257, 23347]
coverage : 2022-04-10 / 2022-04-16
median : 0.99875 e
spread : 0.0075024 e
created : 2023-08-21T16:29:43



Tropomi SWIR background noise (swir)

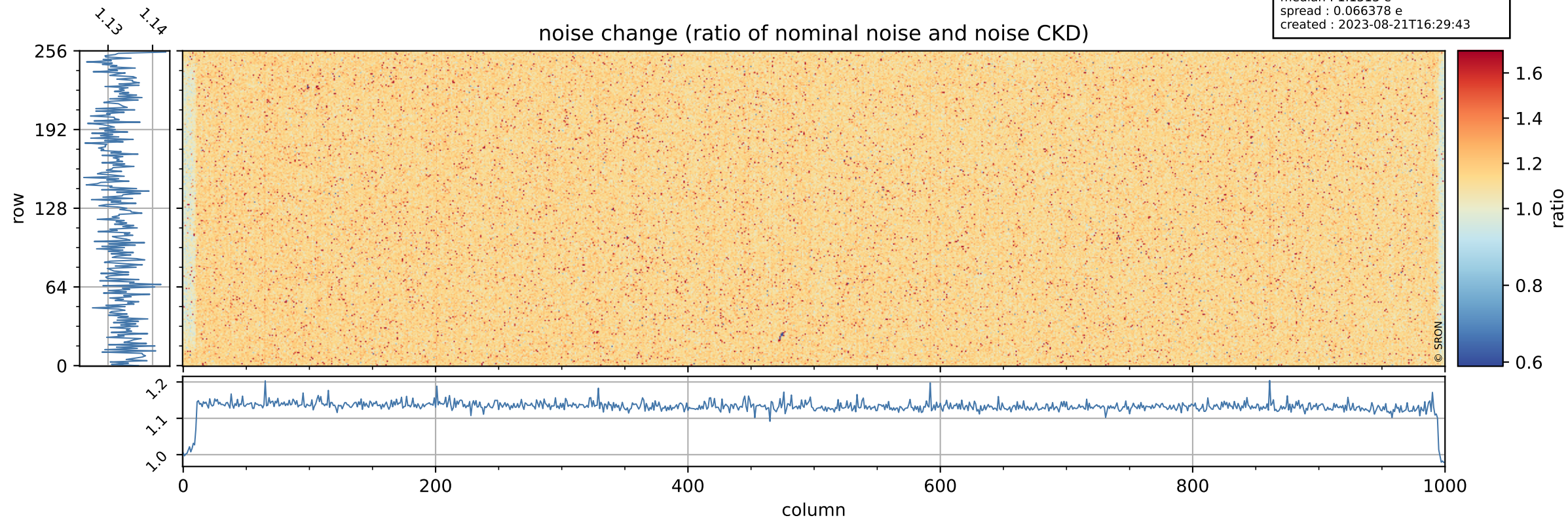
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23257, 23347]
coverage : 2022-04-10 / 2022-04-16
median : 1.0042 e
spread : 0.01253 e
created : 2023-08-21T16:29:43



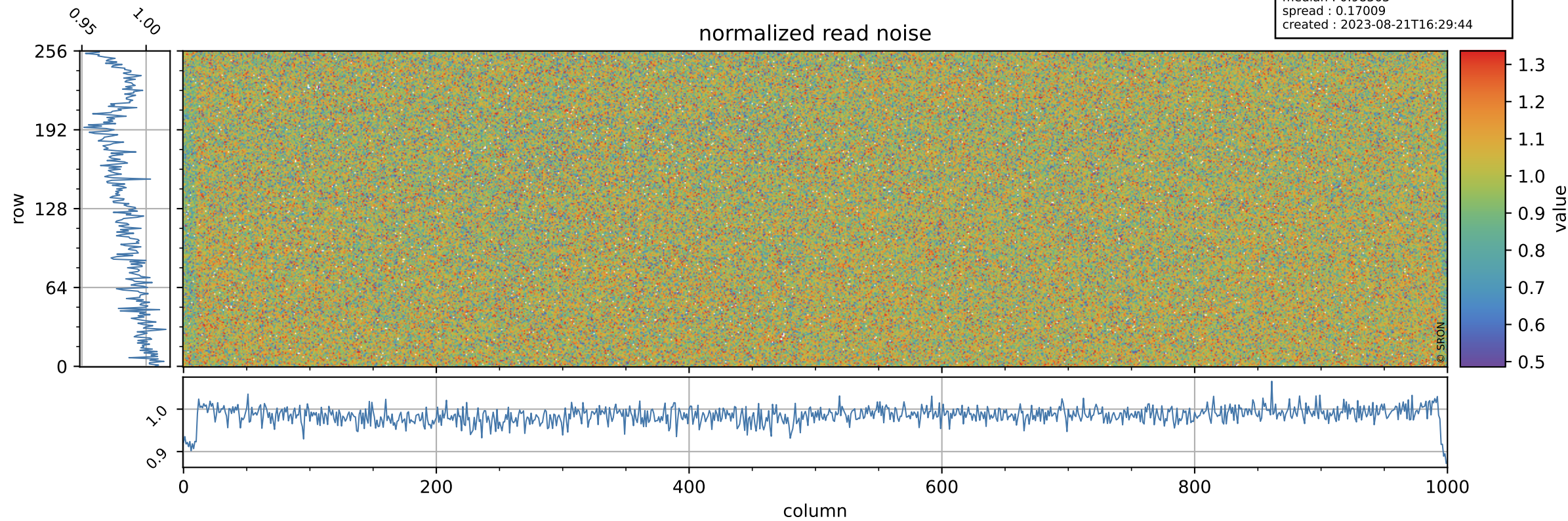
Tropomi SWIR background noise (swir)

orbits : 12 in [23257, 23347]
coverage : 2022-04-10 / 2022-04-16
median : 1.1313 e
spread : 0.066378 e
created : 2023-08-21T16:29:43



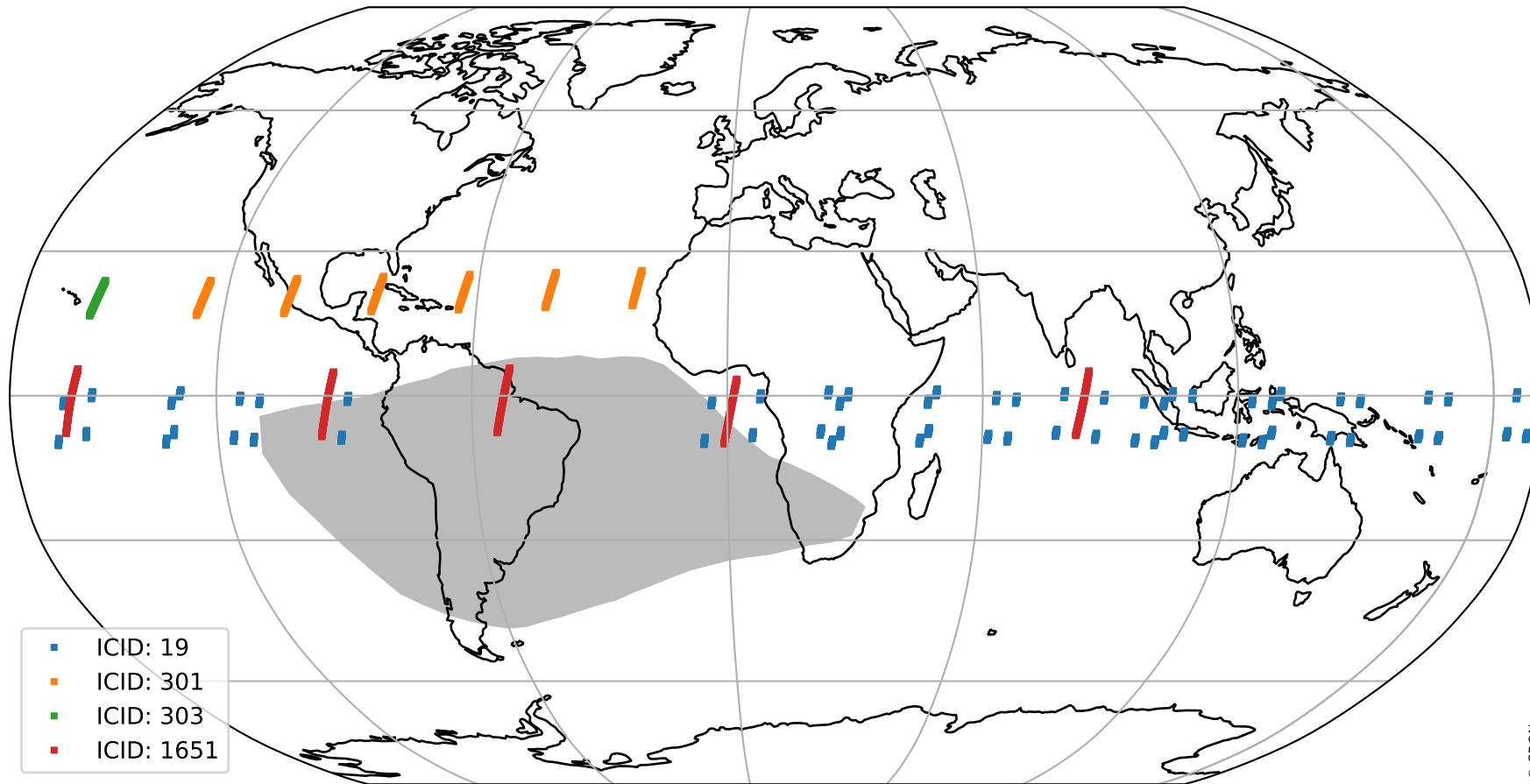
Tropomi SWIR background noise (swir)

orbits : 12 in [23257, 23347]
coverage : 2022-04-10 / 2022-04-16
median : 0.98363
spread : 0.17009
created : 2023-08-21T16:29:44



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

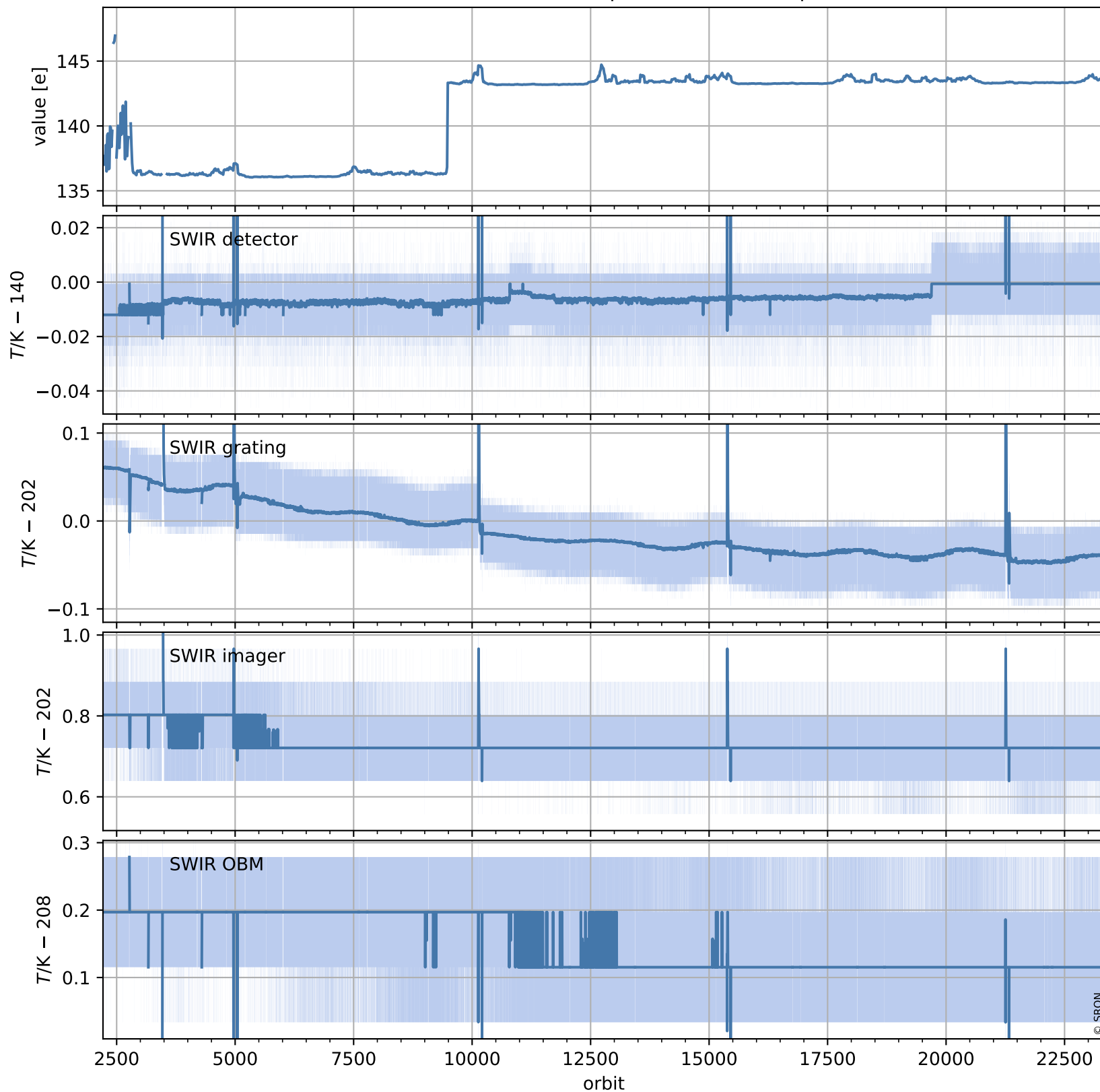
orbits : 12 in [23257, 23347]
coverage : 2022-04-10 / 2022-04-16
created : 2023-08-21T16:29:44



Tropomi SWIR background noise (swir)

orbits : [2212, 23347]
coverage : 2018-03-18 / 2022-04-16
created : 2023-08-21T16:29:44

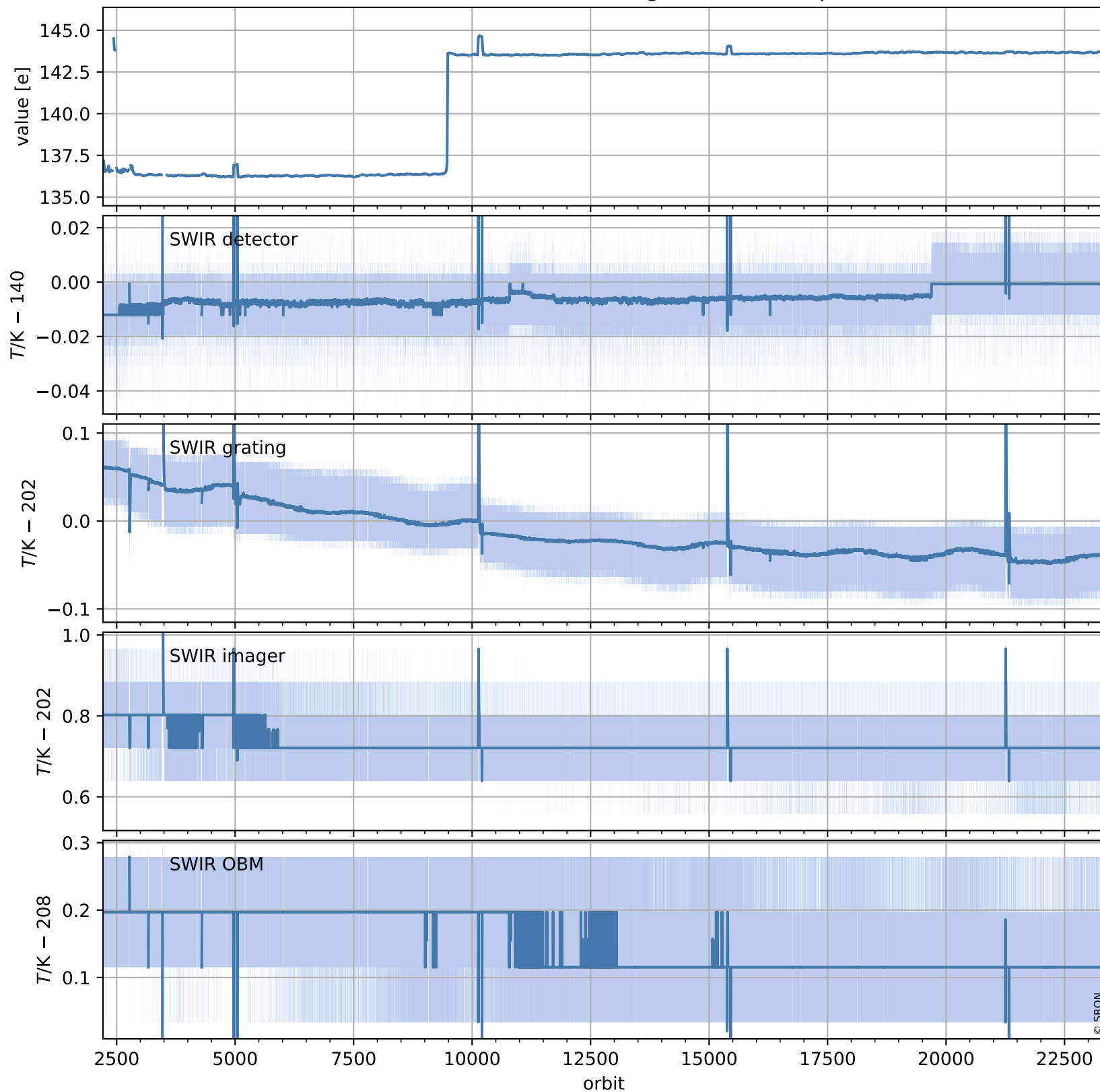
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23347]
coverage : 2018-03-18 / 2022-04-16
created : 2023-08-21T16:29:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23347]
coverage : 2018-03-18 / 2022-04-16
created : 2023-08-21T16:29:46

trend of normalized read-noise & temperatures

