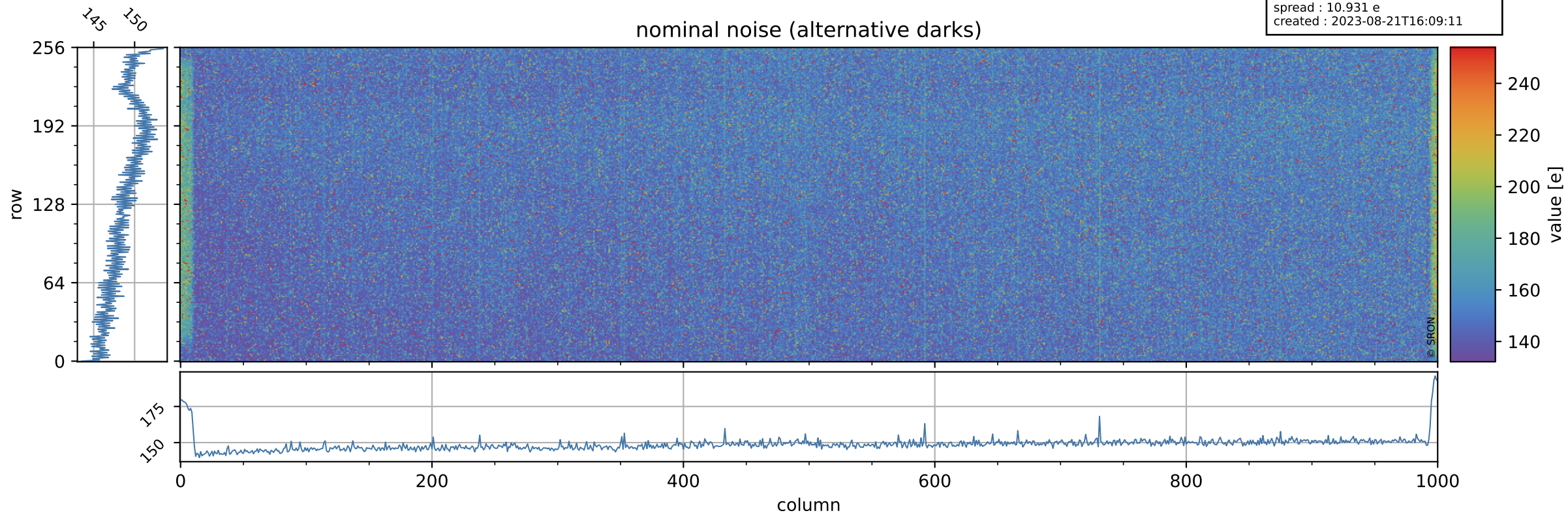


Tropomi SWIR background noise (swir)

orbits : 12 in [20002, 20077]
coverage : 2021-08-22 / 2021-08-27
n_coad, t_exp : 1, 1.0783
median : 148.64 e
spread : 10.931 e
created : 2023-08-21T16:09:11

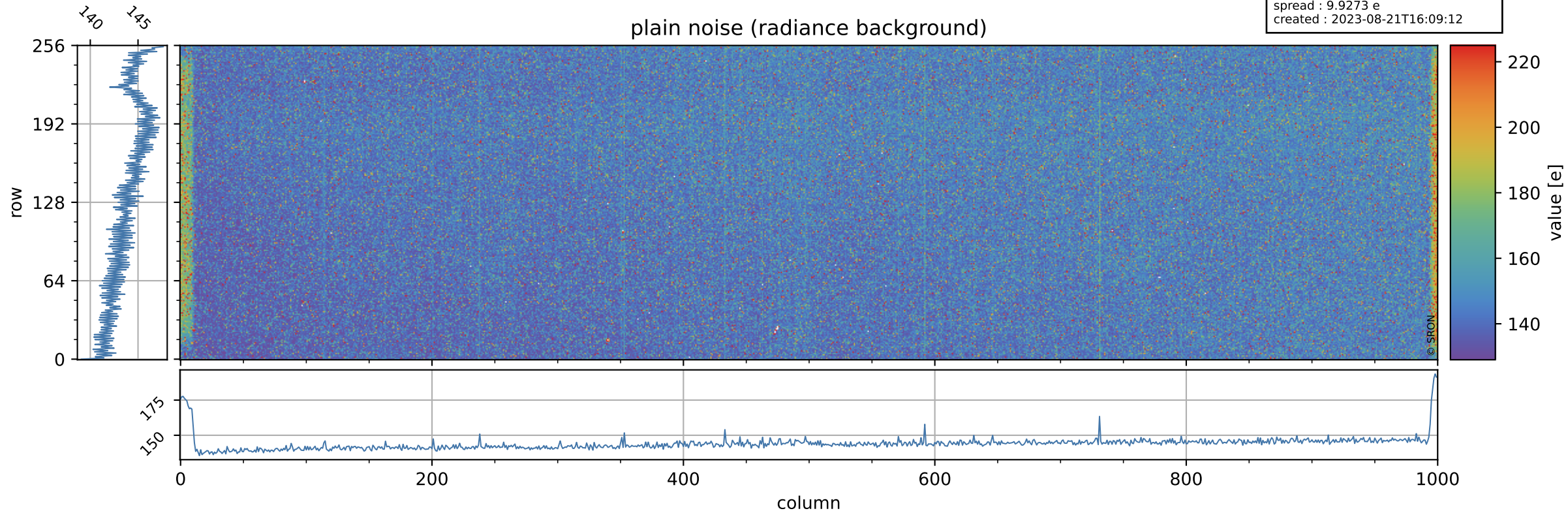
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20002, 20077]
coverage : 2021-08-22 / 2021-08-27
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.9273 e
created : 2023-08-21T16:09:12

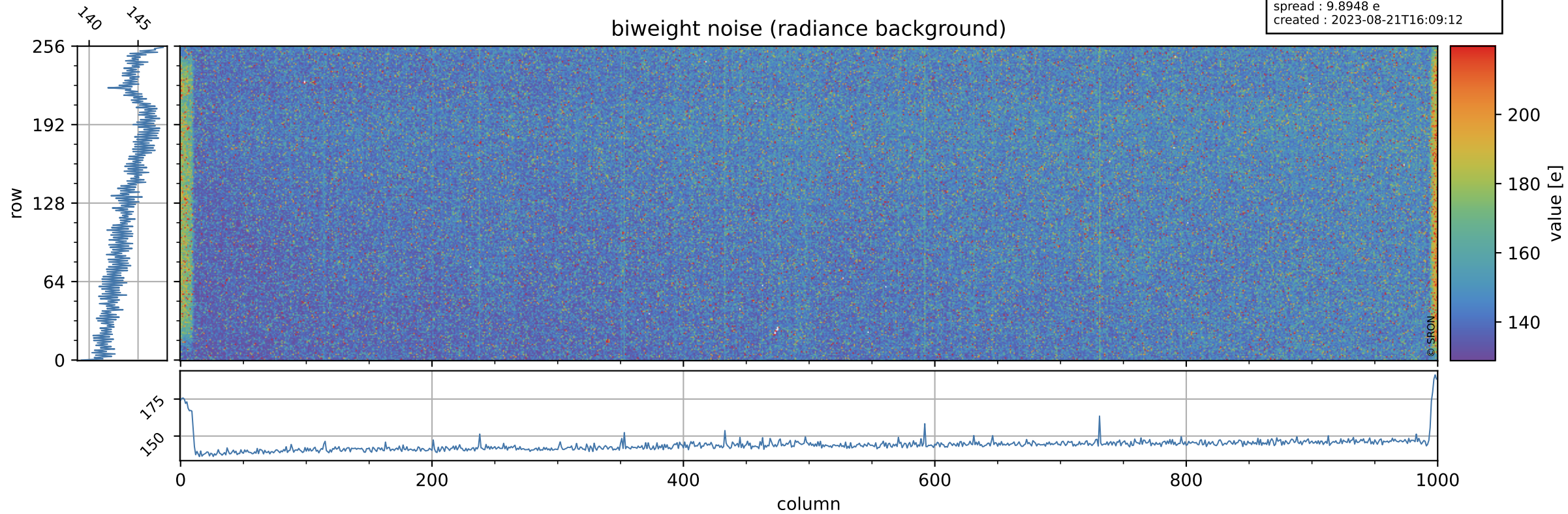
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20002, 20077]
coverage : 2021-08-22 / 2021-08-27
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.8948 e
created : 2023-08-21T16:09:12

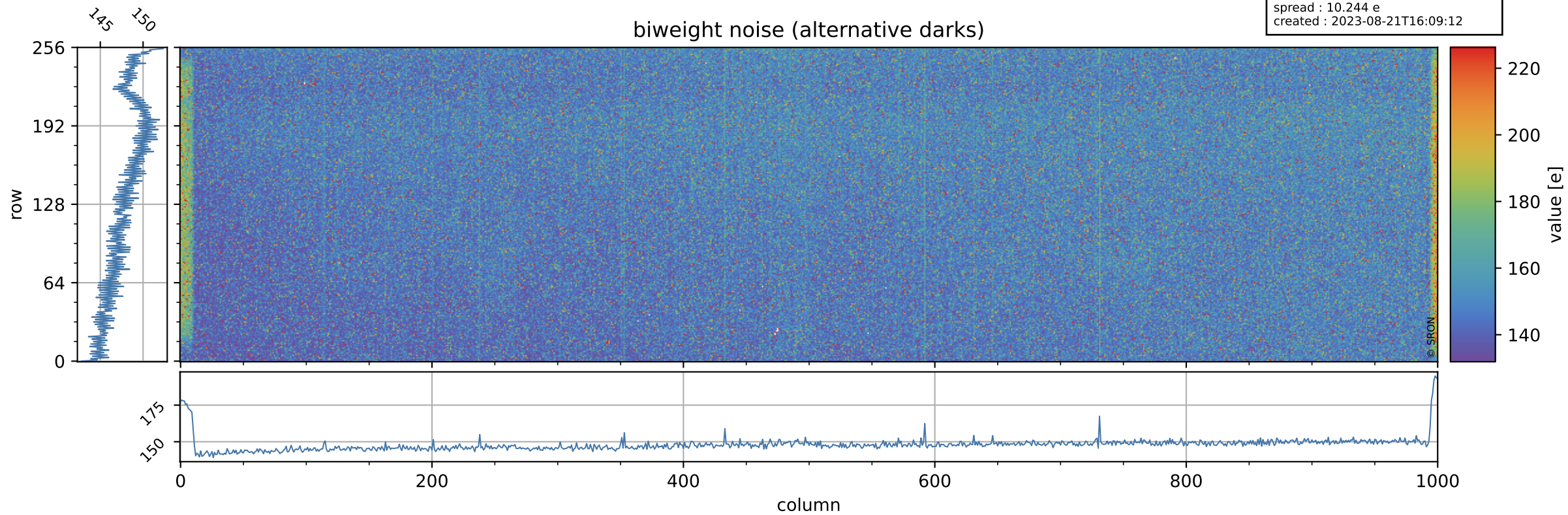
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20002, 20077]
coverage : 2021-08-22 / 2021-08-27
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.244 e
created : 2023-08-21T16:09:12

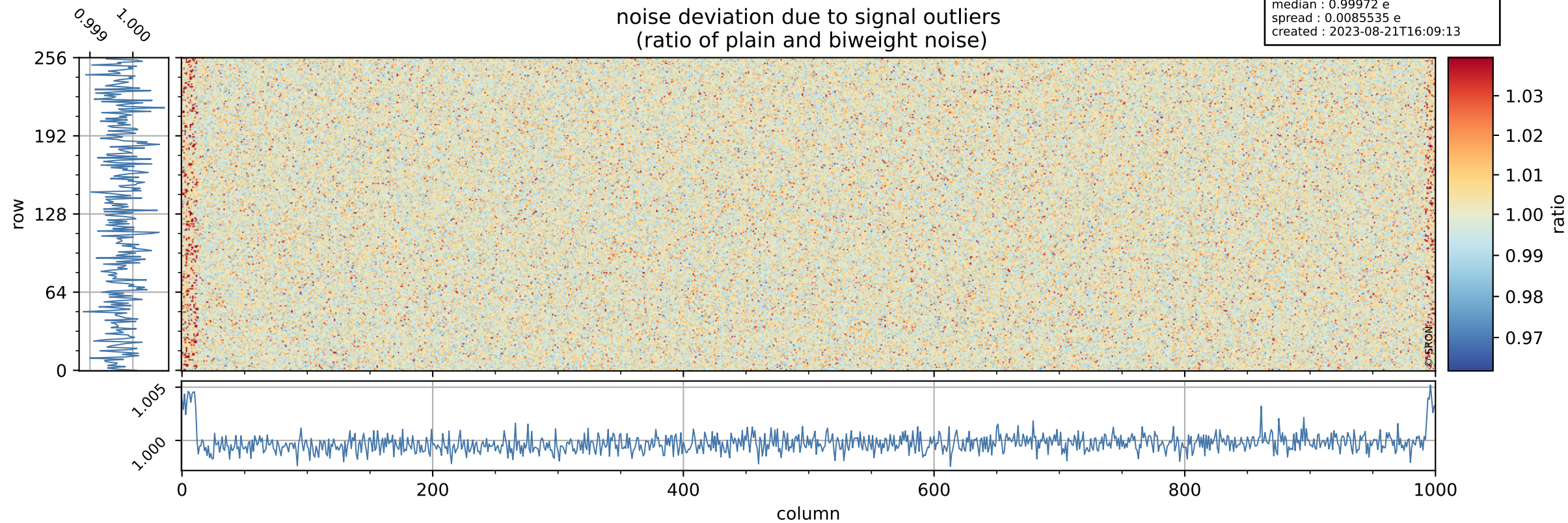
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

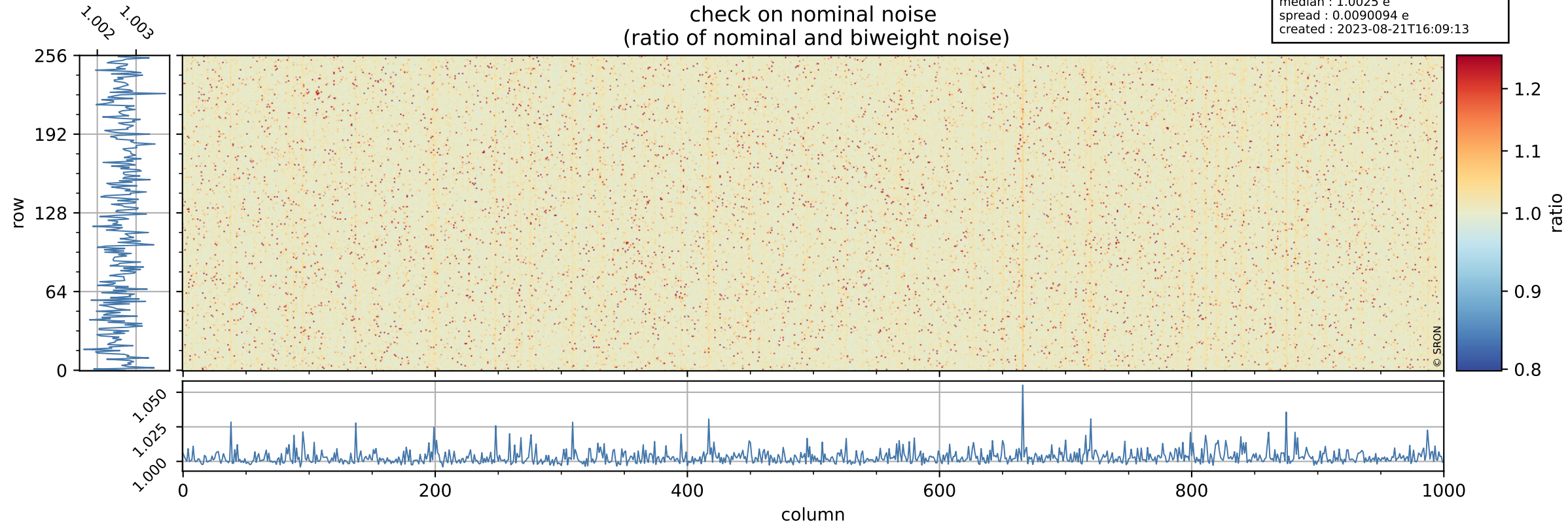
orbits : 12 in [20002, 20077]
coverage : 2021-08-22 / 2021-08-27
median : 0.99972 e
spread : 0.0085535 e
created : 2023-08-21T16:09:13



Tropomi SWIR background noise (swir)

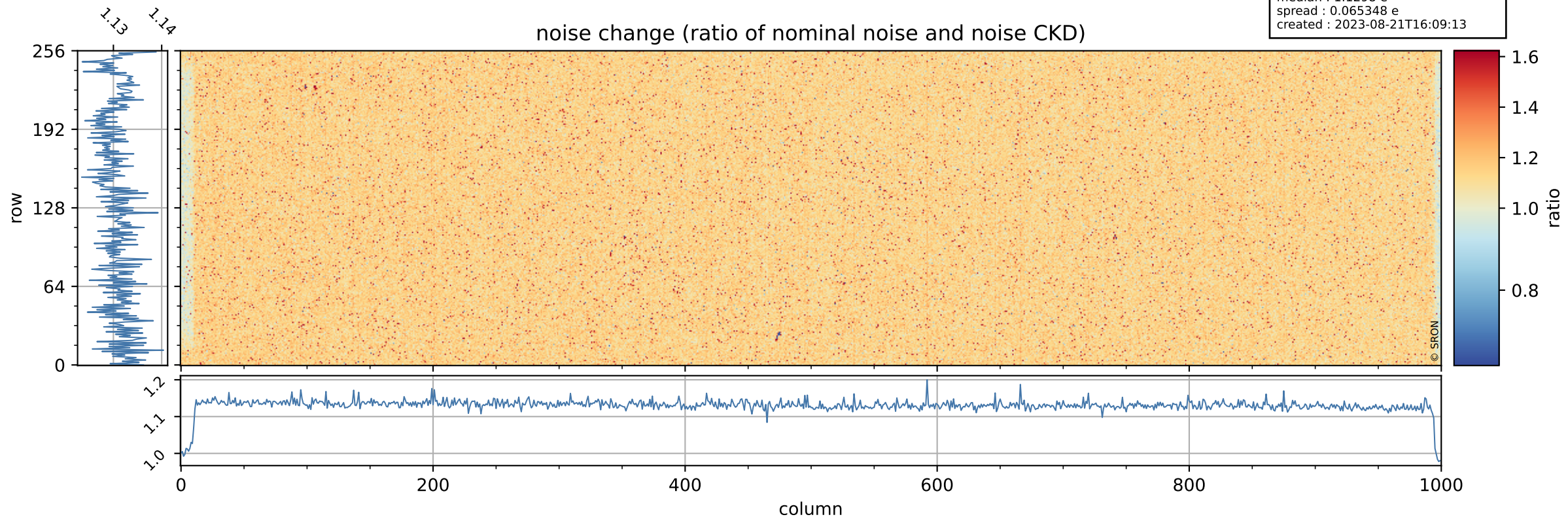
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20002, 20077]
coverage : 2021-08-22 / 2021-08-27
median : 1.0025 e
spread : 0.0090094 e
created : 2023-08-21T16:09:13



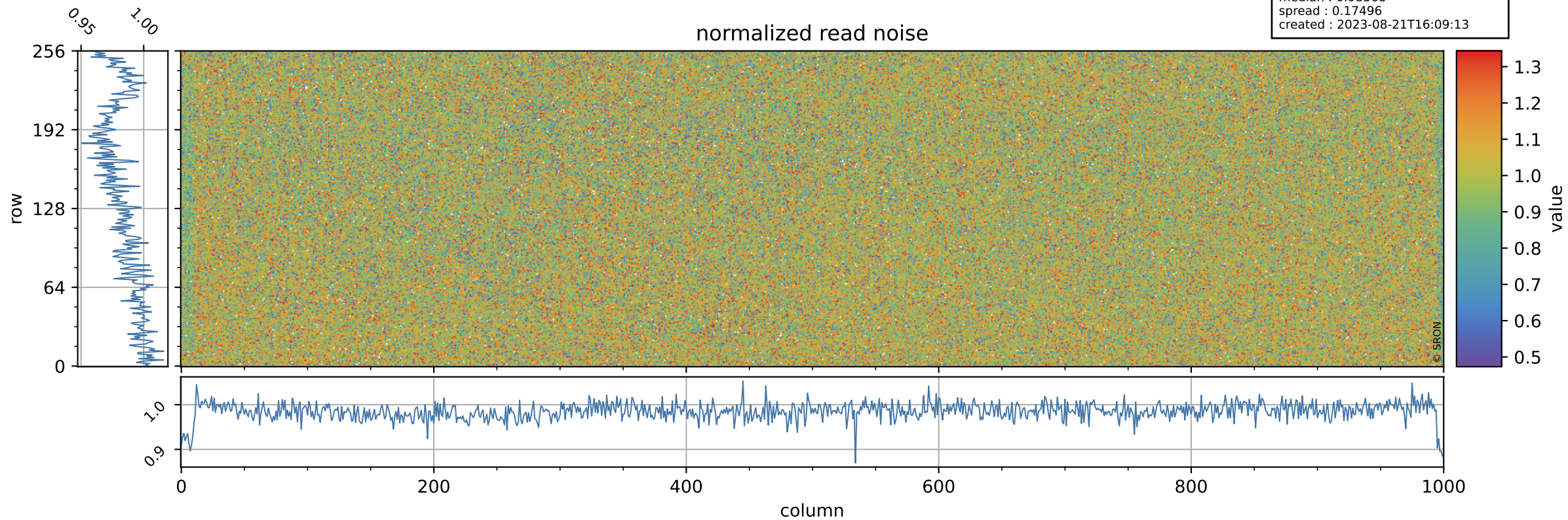
Tropomi SWIR background noise (swir)

orbits : 12 in [20002, 20077]
coverage : 2021-08-22 / 2021-08-27
median : 1.1298 e
spread : 0.065348 e
created : 2023-08-21T16:09:13



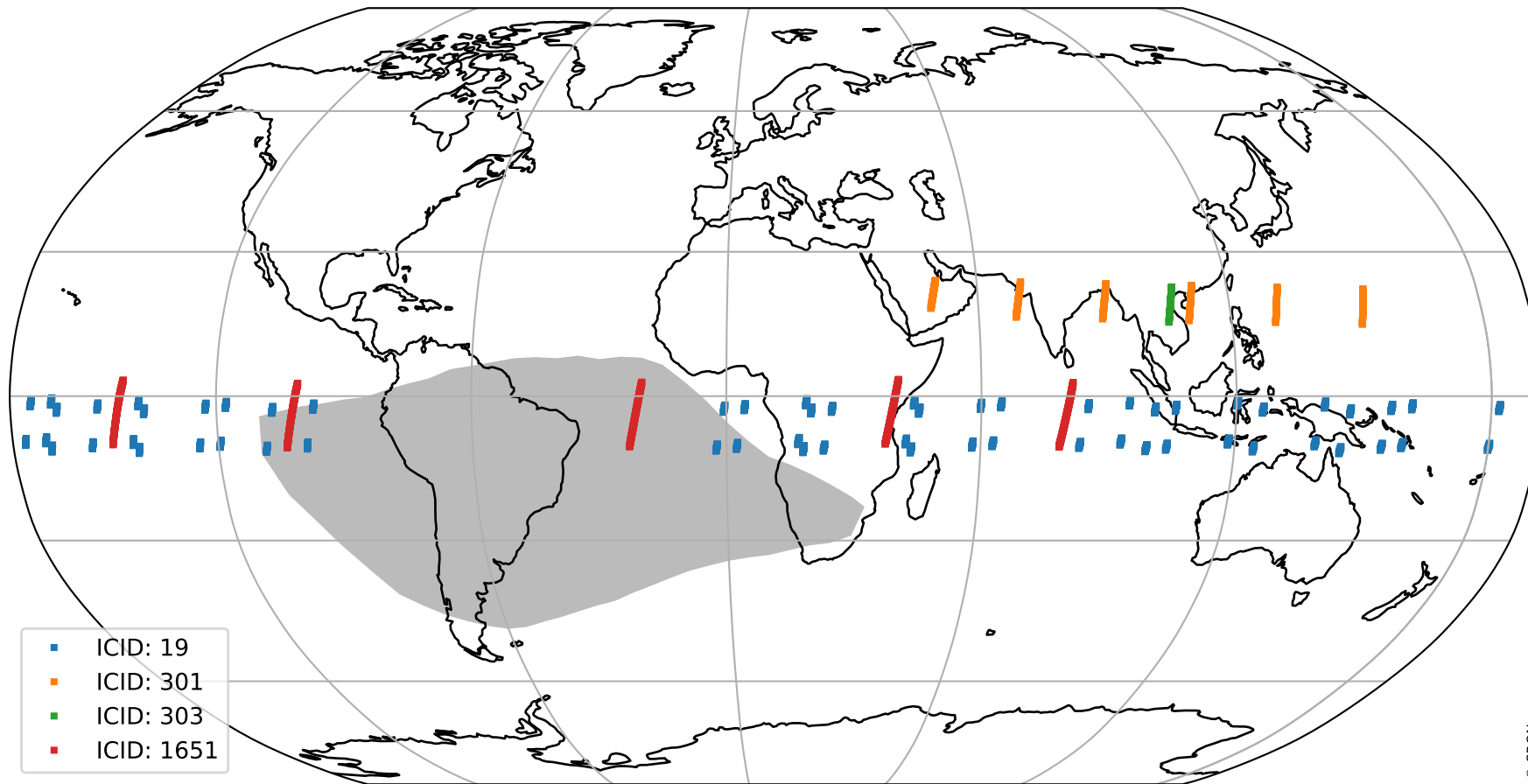
Tropomi SWIR background noise (swir)

orbits : 12 in [20002, 20077]
coverage : 2021-08-22 / 2021-08-27
median : 0.98368
spread : 0.17496
created : 2023-08-21T16:09:13



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

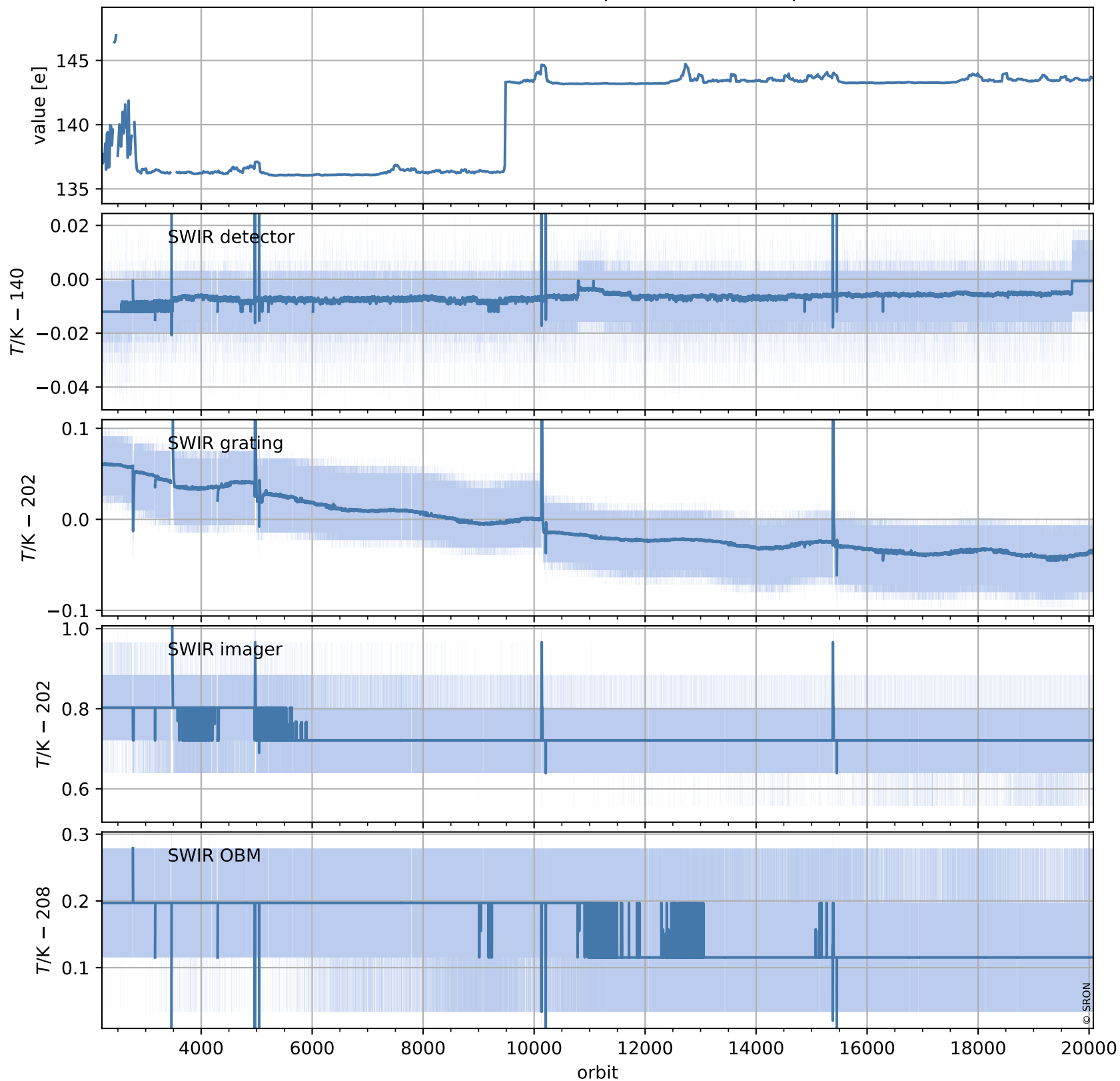
orbits : 12 in [20002, 20077]
coverage : 2021-08-22 / 2021-08-27
created : 2023-08-21T16:09:14



Tropomi SWIR background noise (swir)

orbits : [2212, 20077]
coverage : 2018-03-18 / 2021-08-27
created : 2023-08-21T16:09:14

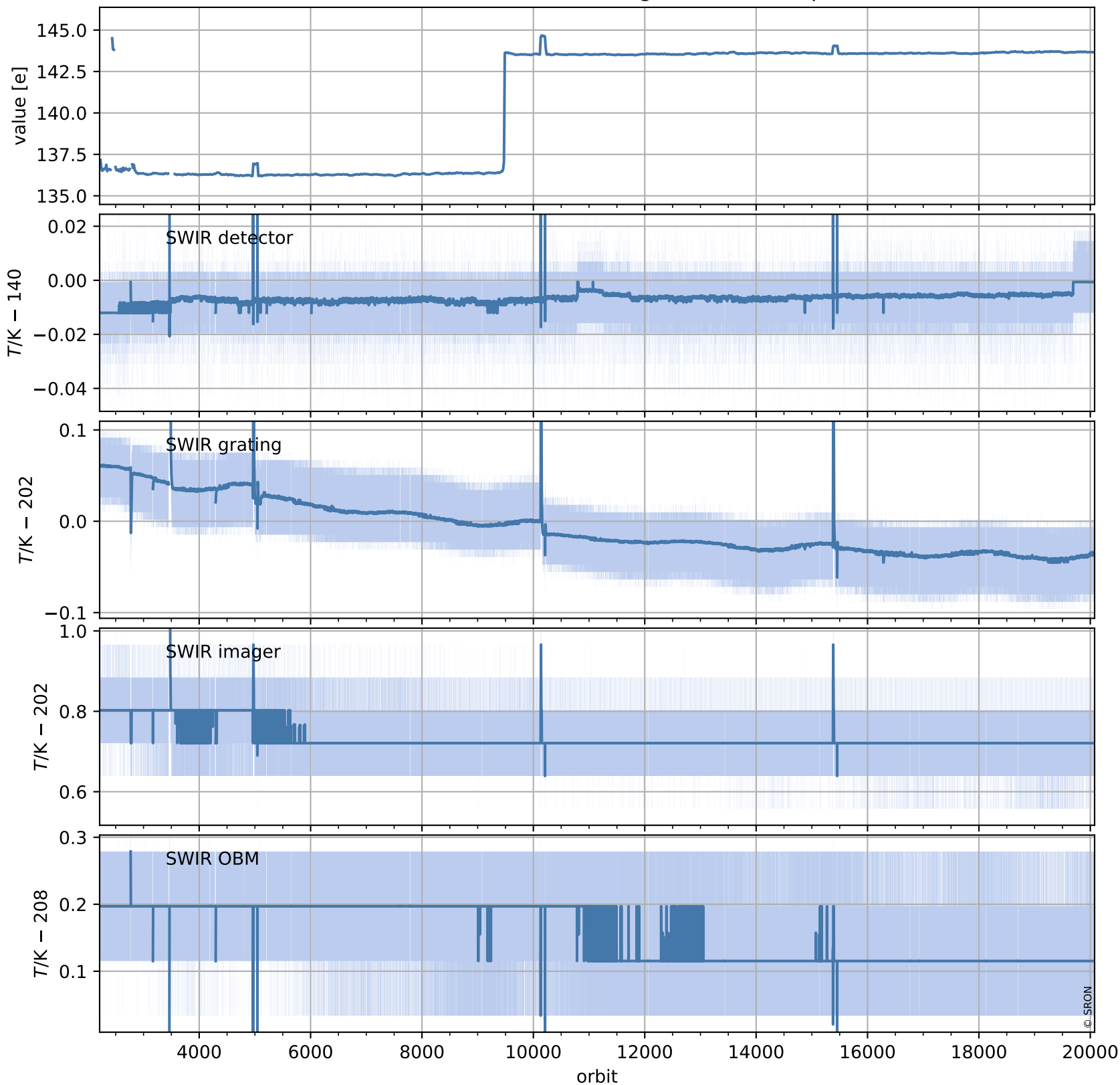
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20077]
coverage : 2018-03-18 / 2021-08-27
created : 2023-08-21T16:09:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20077]
coverage : 2018-03-18 / 2021-08-27
created : 2023-08-21T16:09:16

trend of normalized read-noise & temperatures

