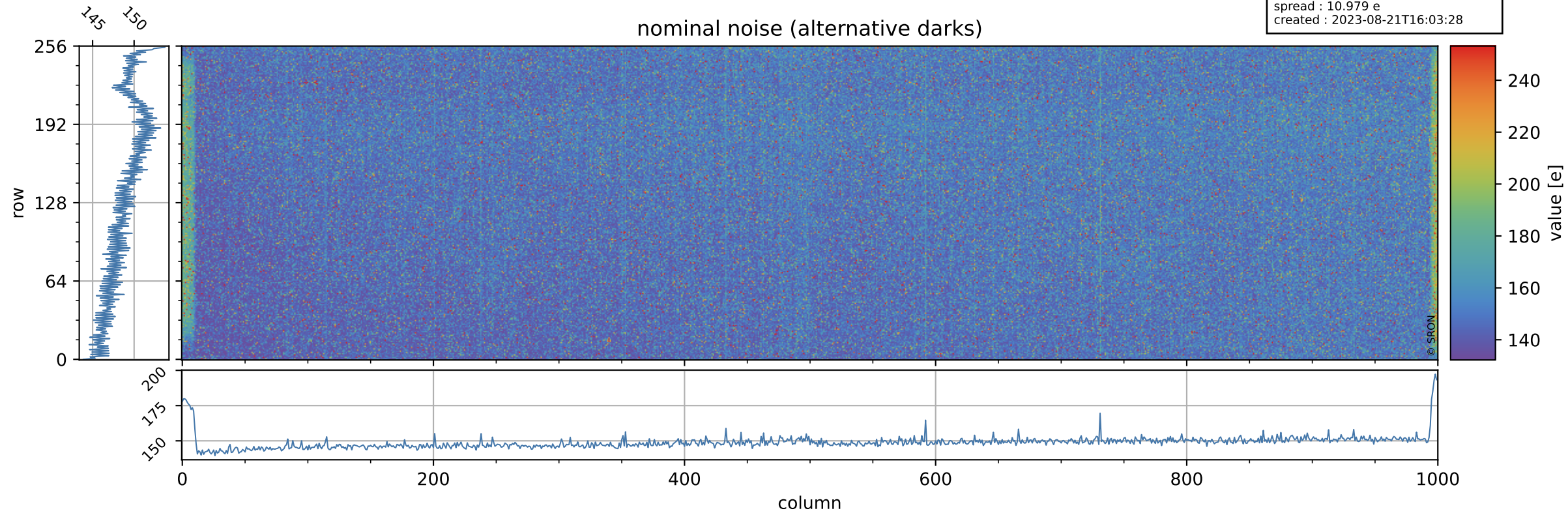


Tropomi SWIR background noise (swir)

orbits : 12 in [19042, 19132]
coverage : 2021-06-16 / 2021-06-22
n_coad, t_exp : 1, 1.0783
median : 148.7 e
spread : 10.979 e
created : 2023-08-21T16:03:28

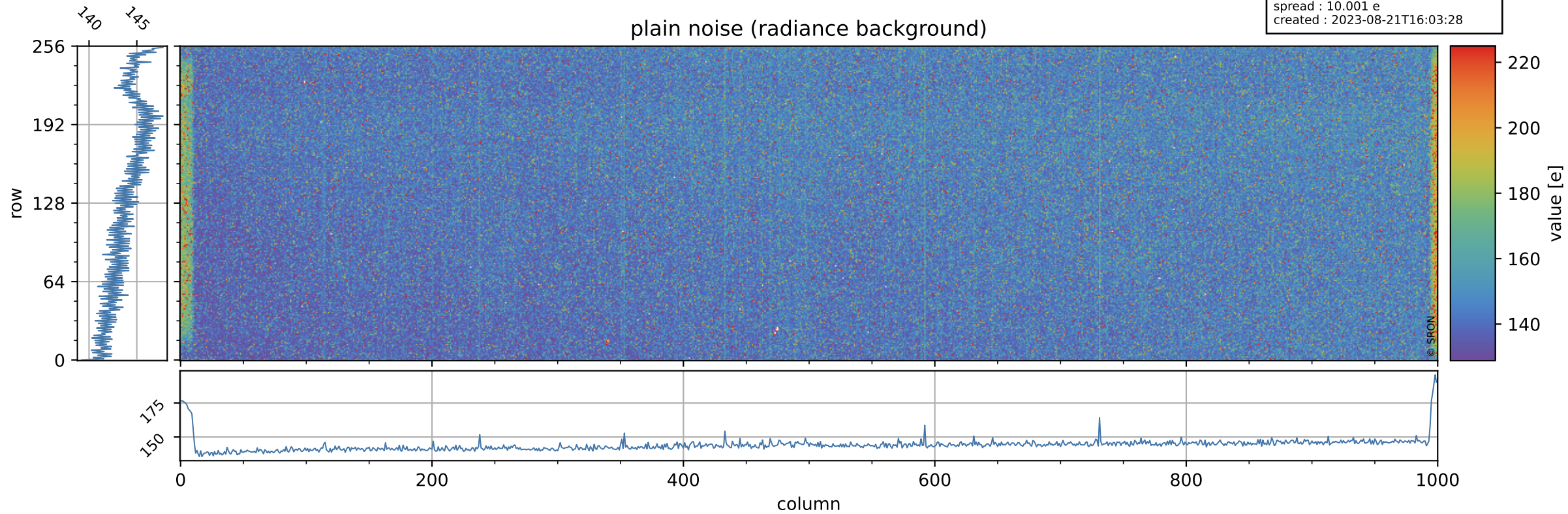
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19042, 19132]
coverage : 2021-06-16 / 2021-06-22
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 10.001 e
created : 2023-08-21T16:03:28

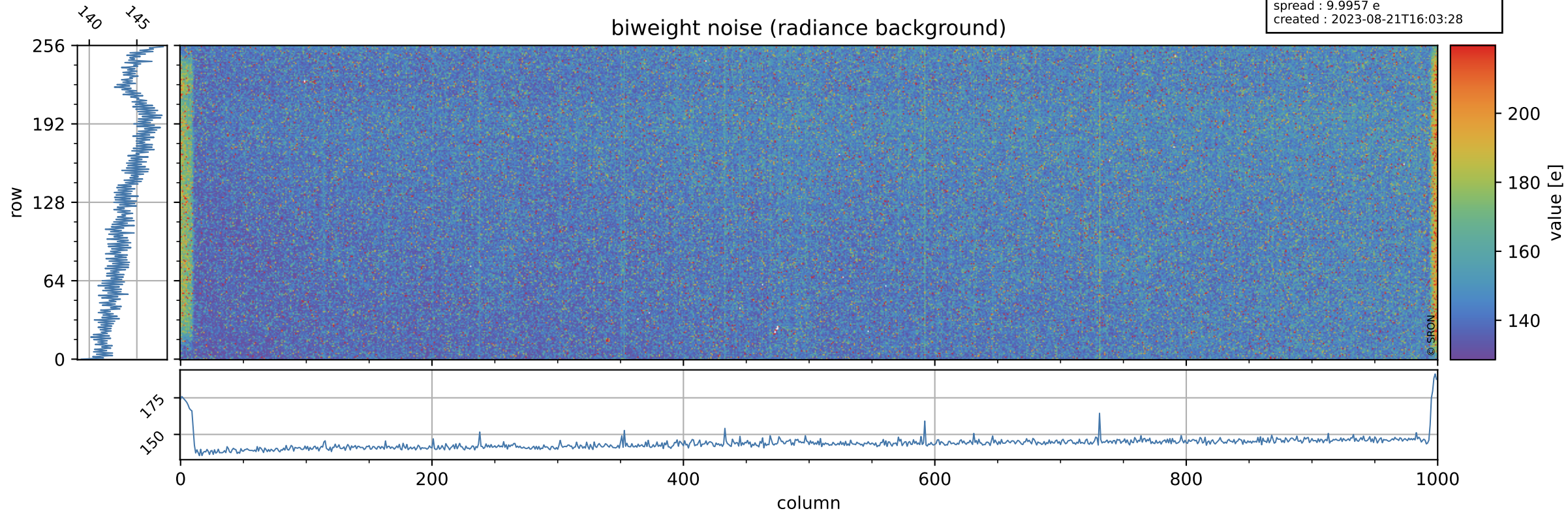
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19042, 19132]
coverage : 2021-06-16 / 2021-06-22
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.9957 e
created : 2023-08-21T16:03:28

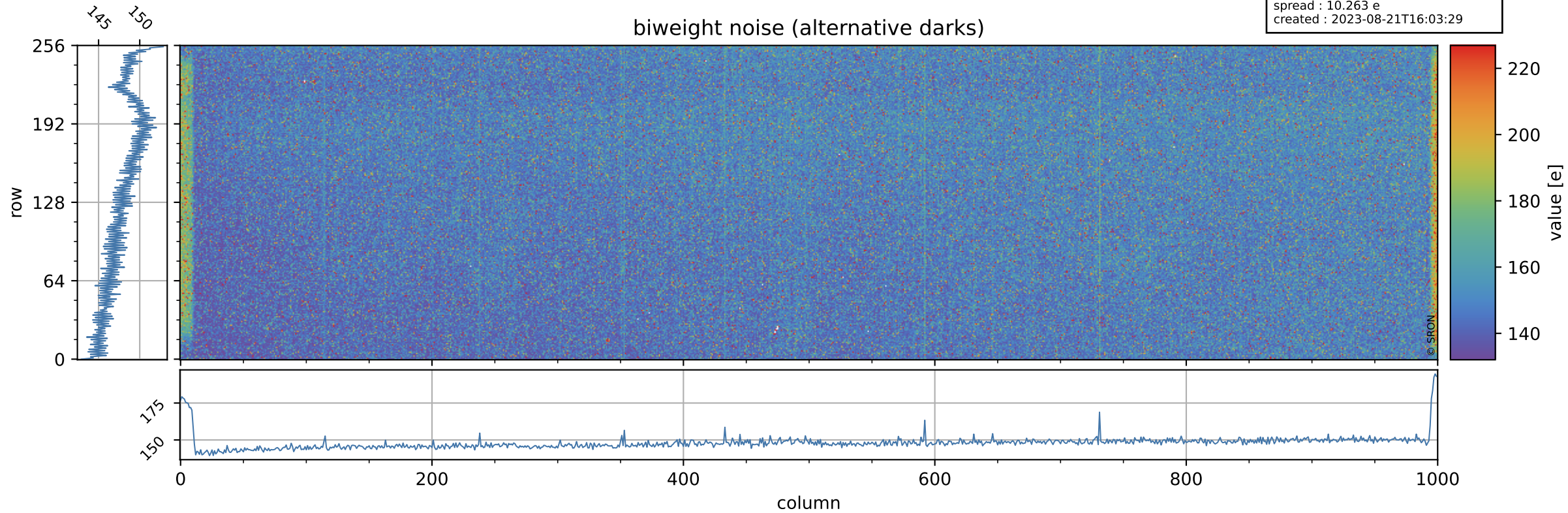
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19042, 19132]
coverage : 2021-06-16 / 2021-06-22
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.263 e
created : 2023-08-21T16:03:29

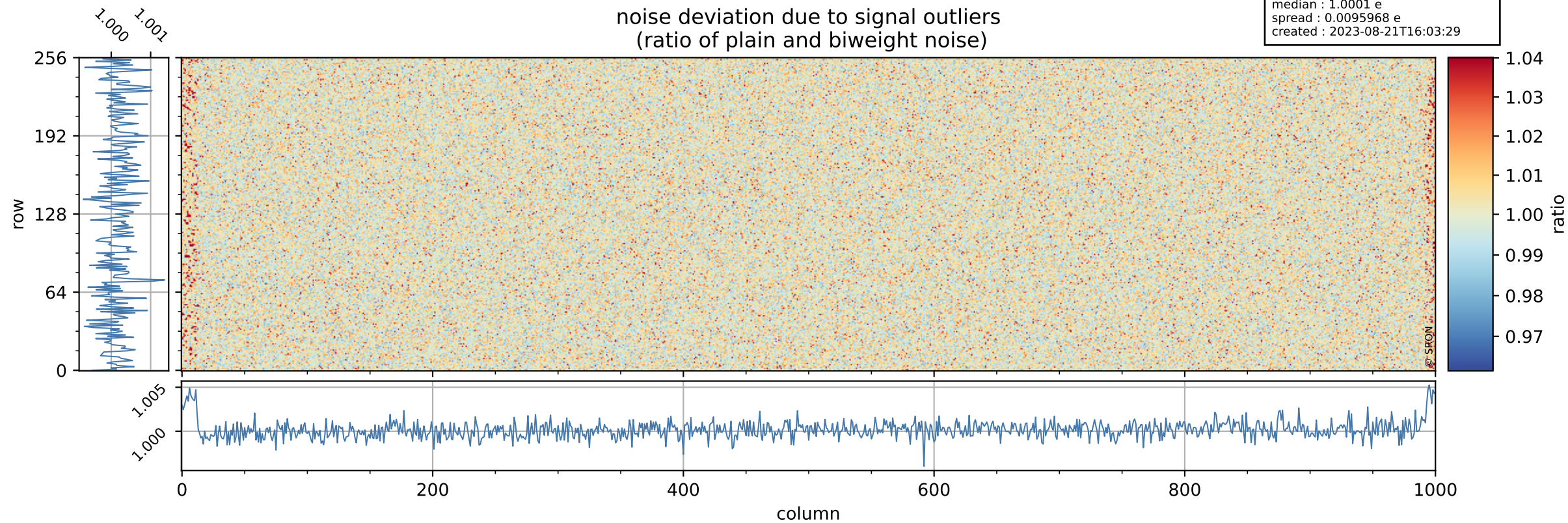
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

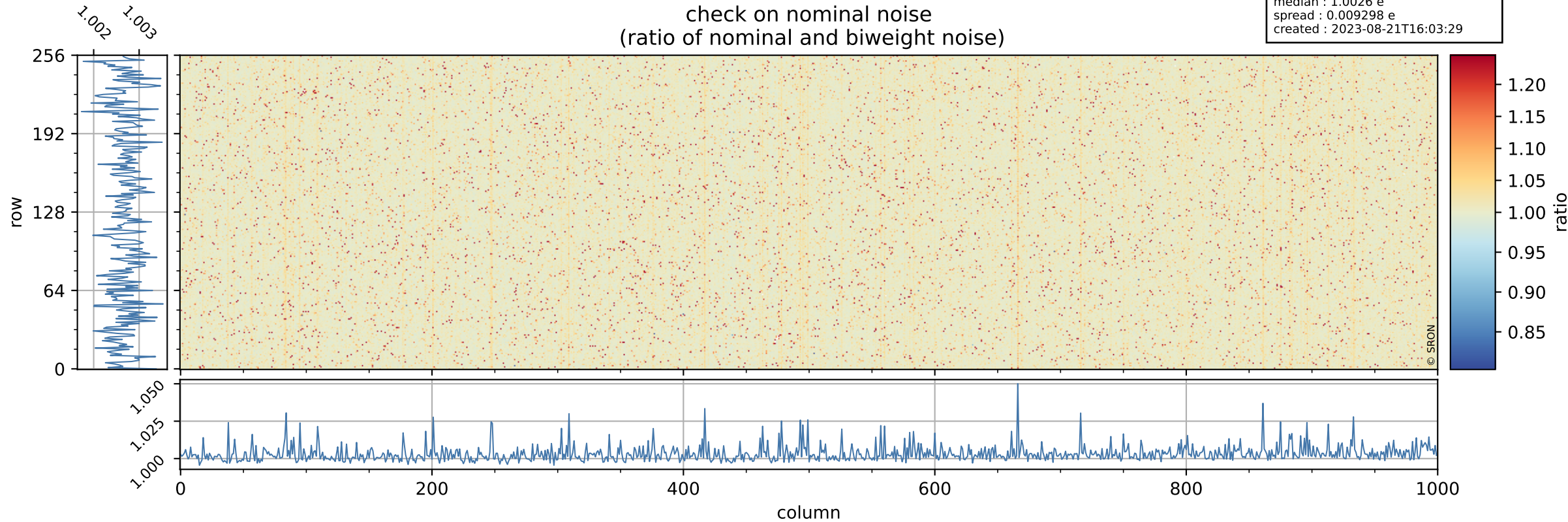
orbits : 12 in [19042, 19132]
coverage : 2021-06-16 / 2021-06-22
median : 1.0001 e
spread : 0.0095968 e
created : 2023-08-21T16:03:29



Tropomi SWIR background noise (swir)

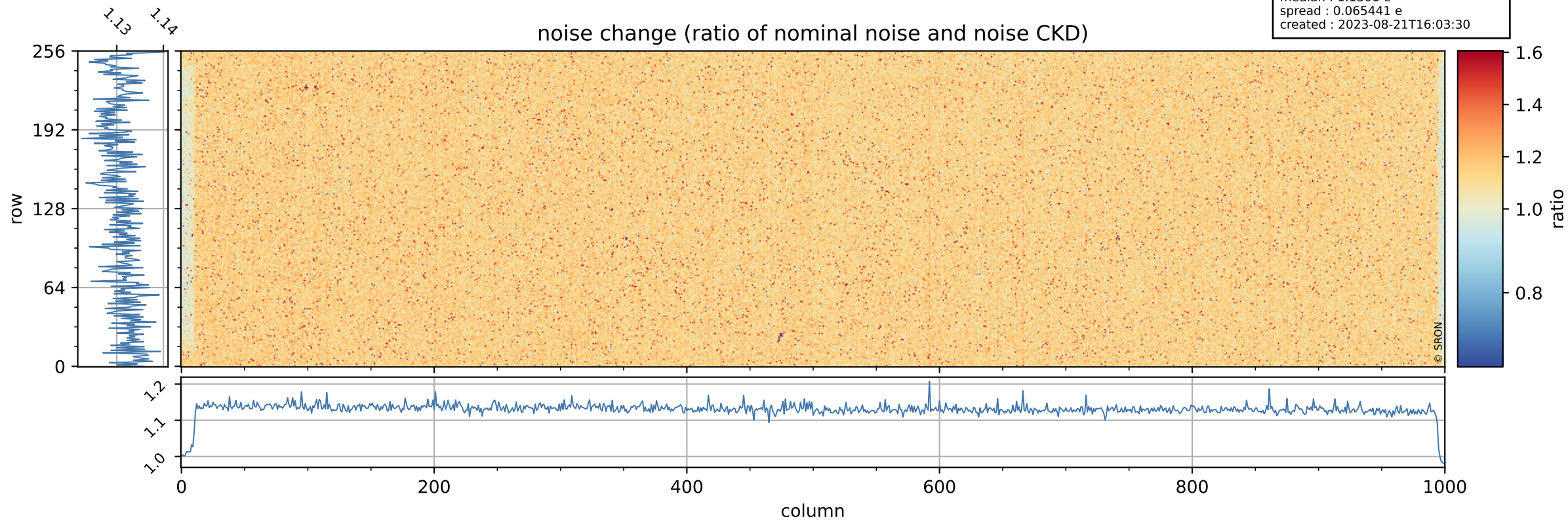
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19042, 19132]
coverage : 2021-06-16 / 2021-06-22
median : 1.0026 e
spread : 0.009298 e
created : 2023-08-21T16:03:29



Tropomi SWIR background noise (swir)

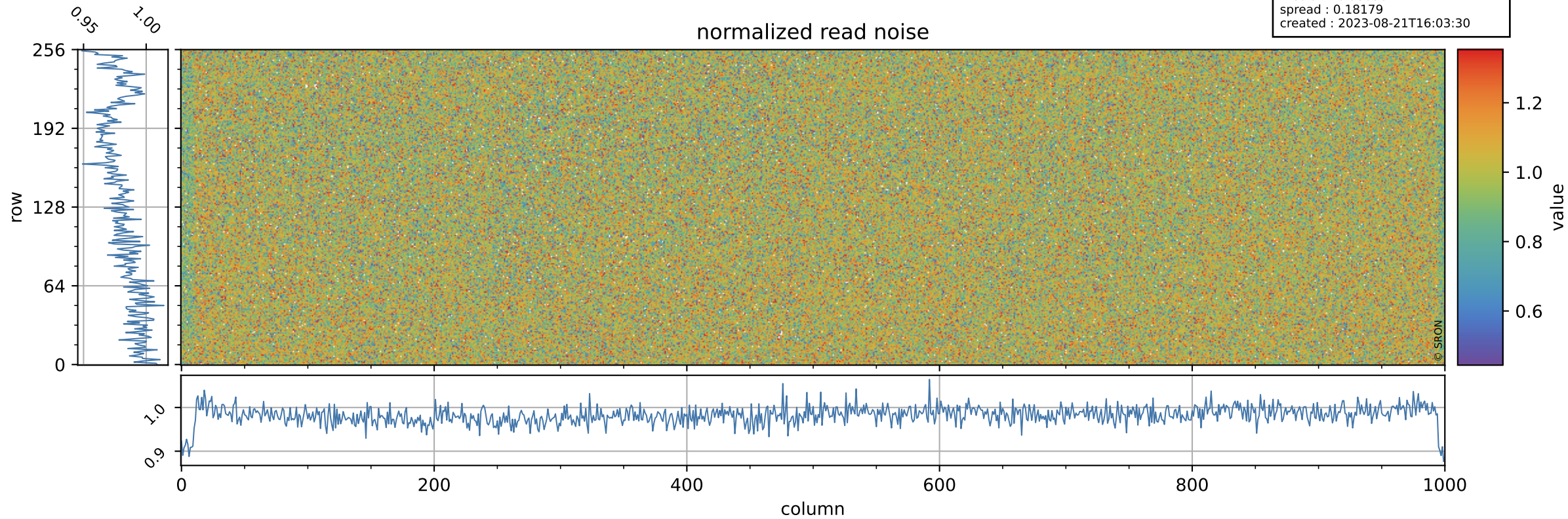
orbits : 12 in [19042, 19132]
coverage : 2021-06-16 / 2021-06-22
median : 1.1301 e
spread : 0.065441 e
created : 2023-08-21T16:03:30



Tropomi SWIR background noise (swir)

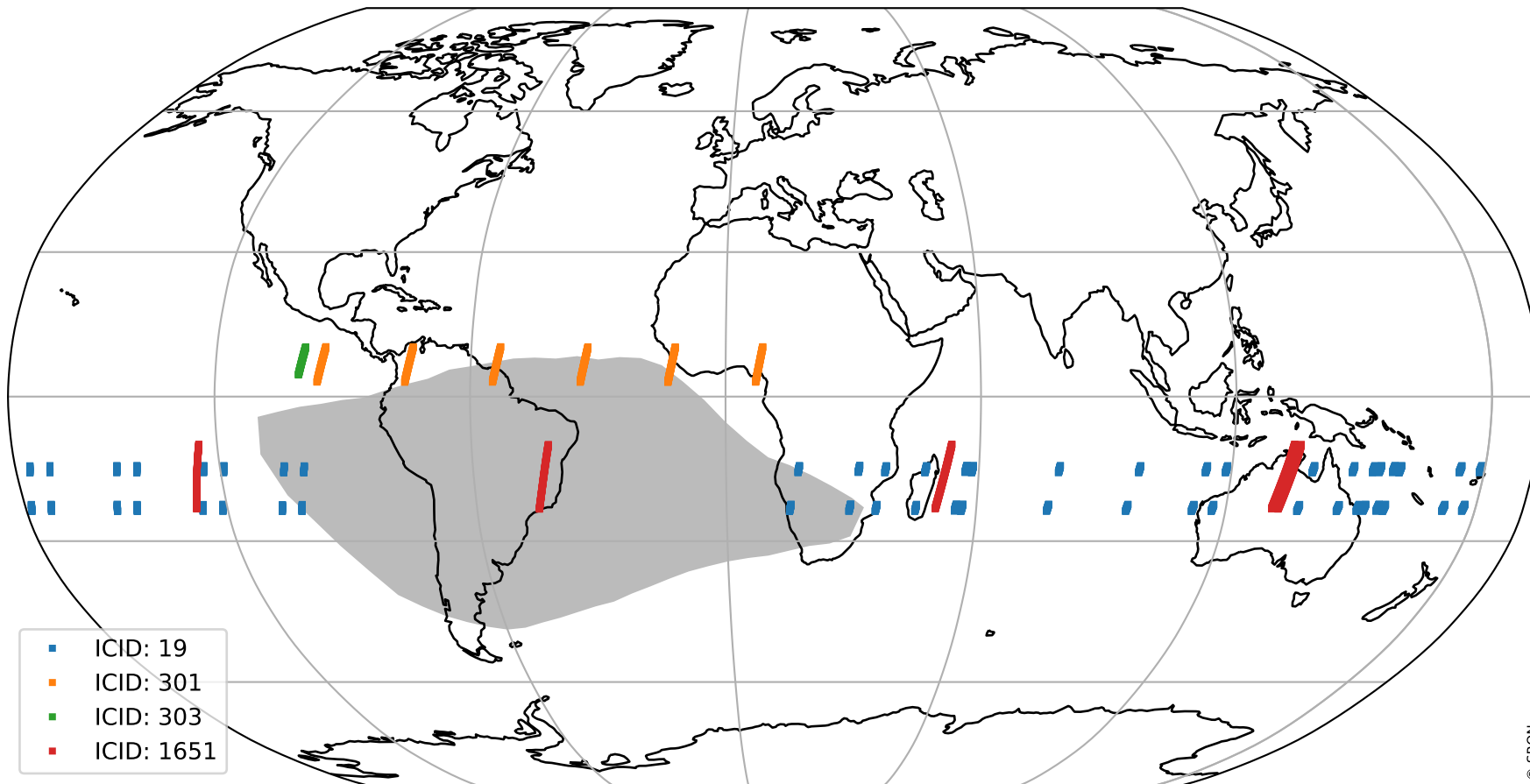
orbits : 12 in [19042, 19132]
coverage : 2021-06-16 / 2021-06-22
median : 0.98056
spread : 0.18179
created : 2023-08-21T16:03:30

normalized read noise



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

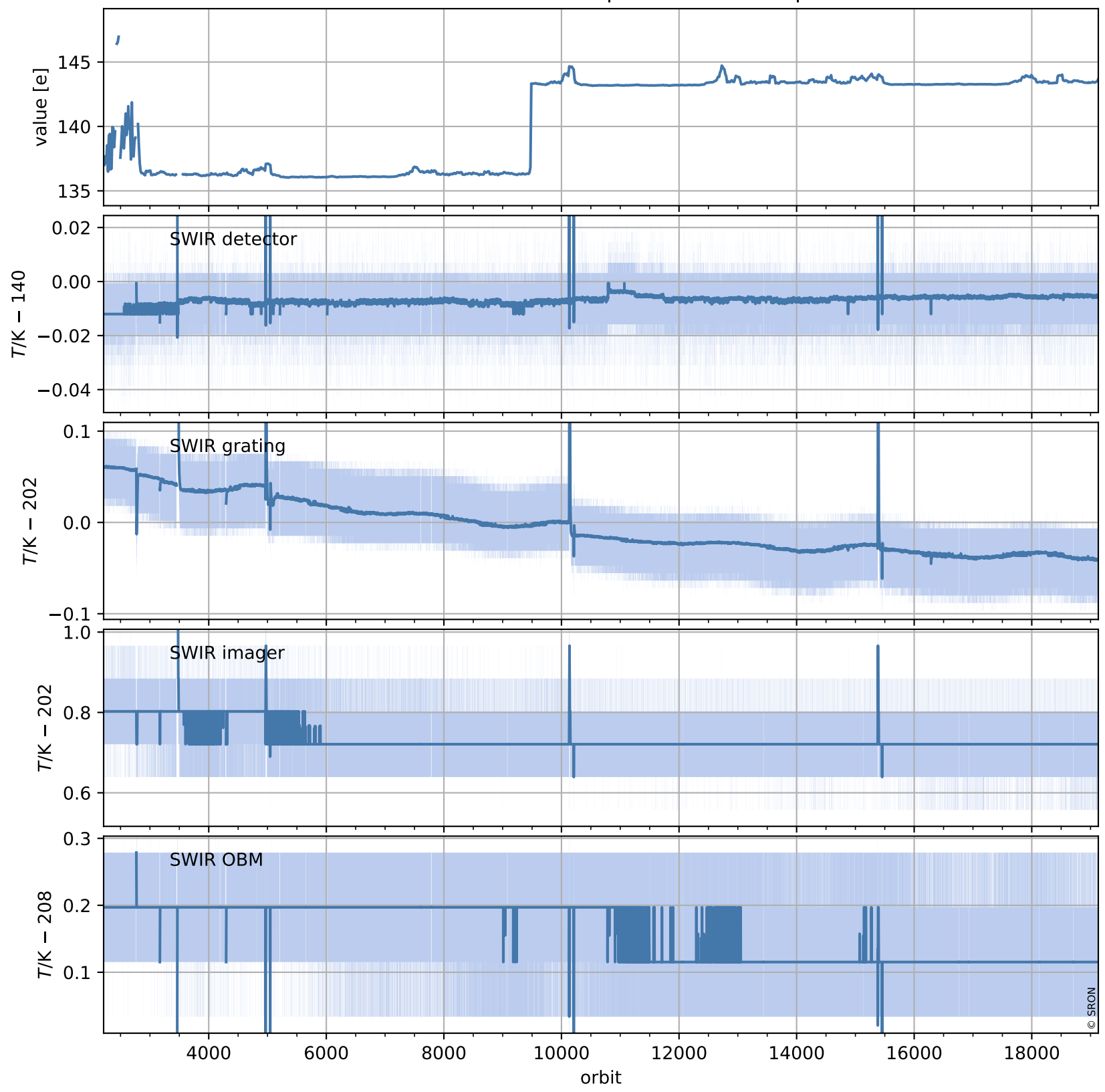
orbits : 12 in [19042, 19132]
coverage : 2021-06-16 / 2021-06-22
created : 2023-08-21T16:03:30



Tropomi SWIR background noise (swir)

orbits : [2212, 19132]
coverage : 2018-03-18 / 2021-06-22
created : 2023-08-21T16:03:31

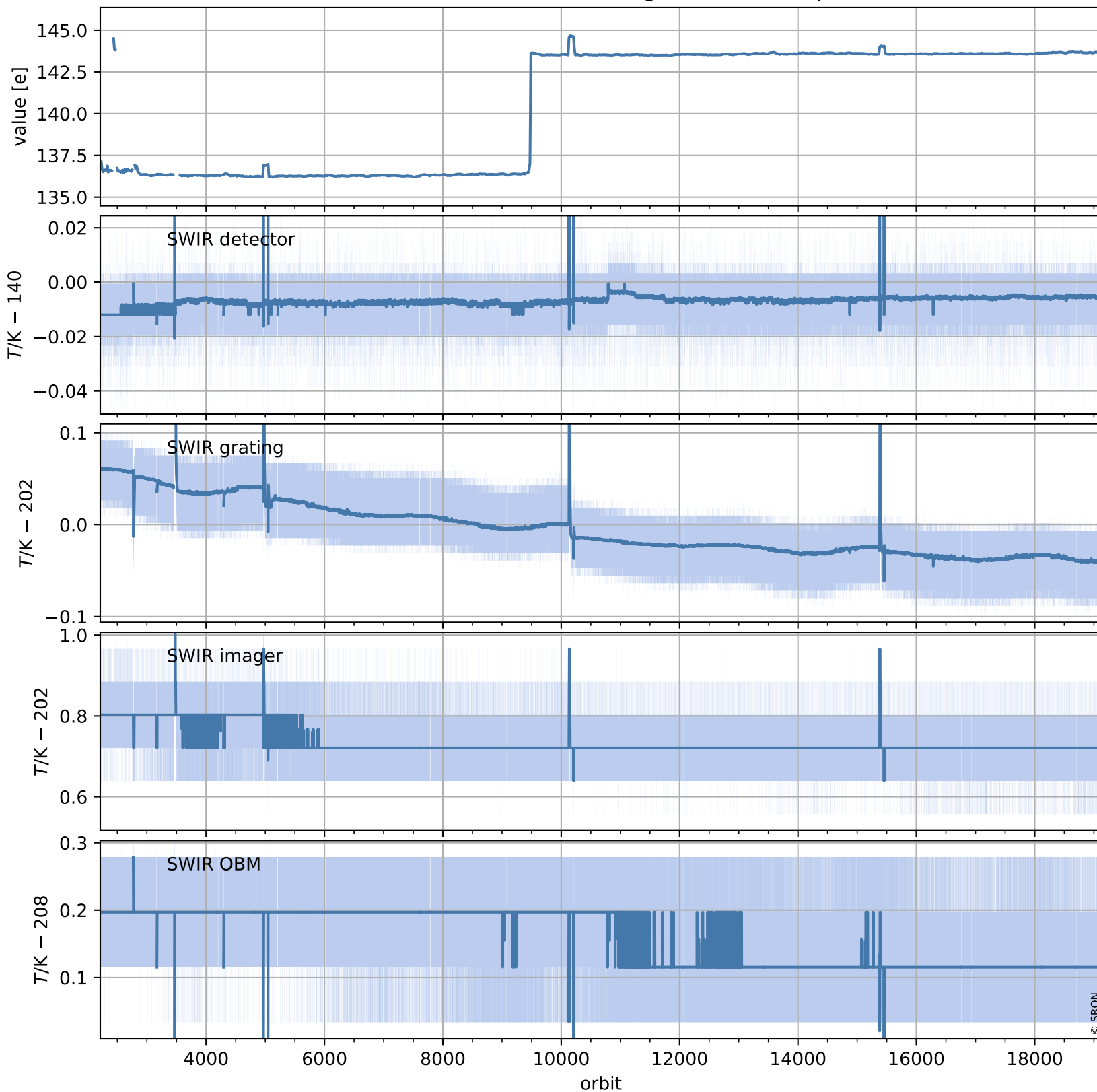
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19132]
coverage : 2018-03-18 / 2021-06-22
created : 2023-08-21T16:03:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19132]
coverage : 2018-03-18 / 2021-06-22
created : 2023-08-21T16:03:32

trend of normalized read-noise & temperatures

