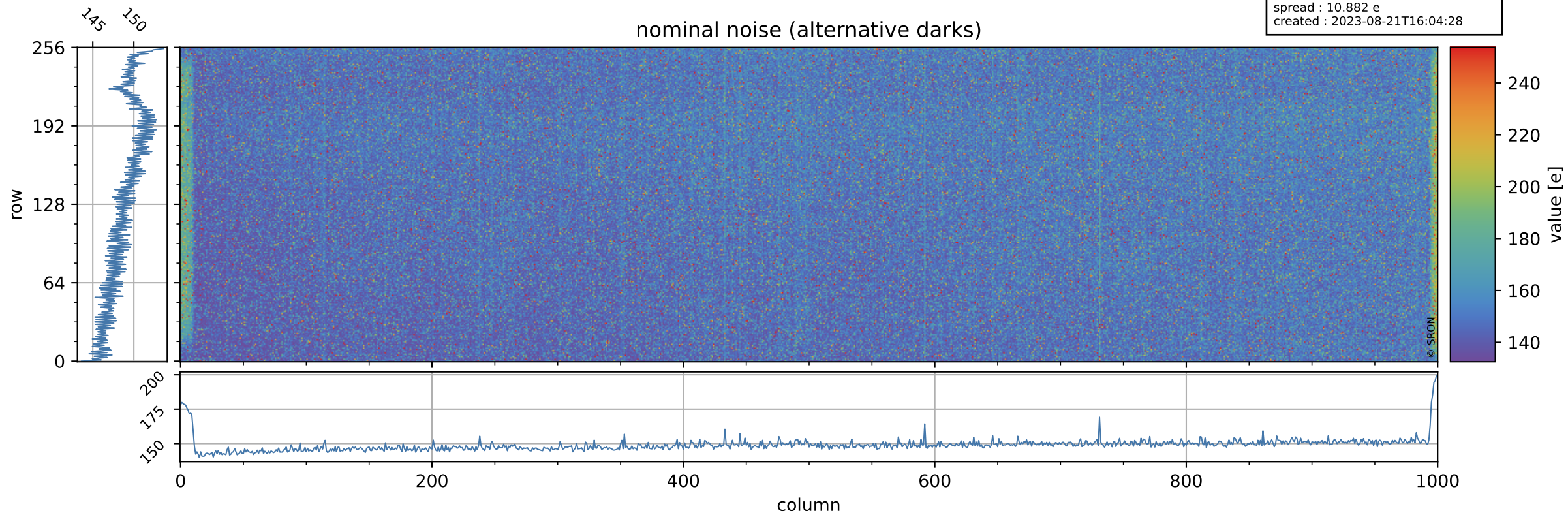


Tropomi SWIR background noise (swir)

orbits : 12 in [19207, 19297]
coverage : 2021-06-28 / 2021-07-04
n_coad, t_exp : 1, 1.0783
median : 148.78 e
spread : 10.882 e
created : 2023-08-21T16:04:28

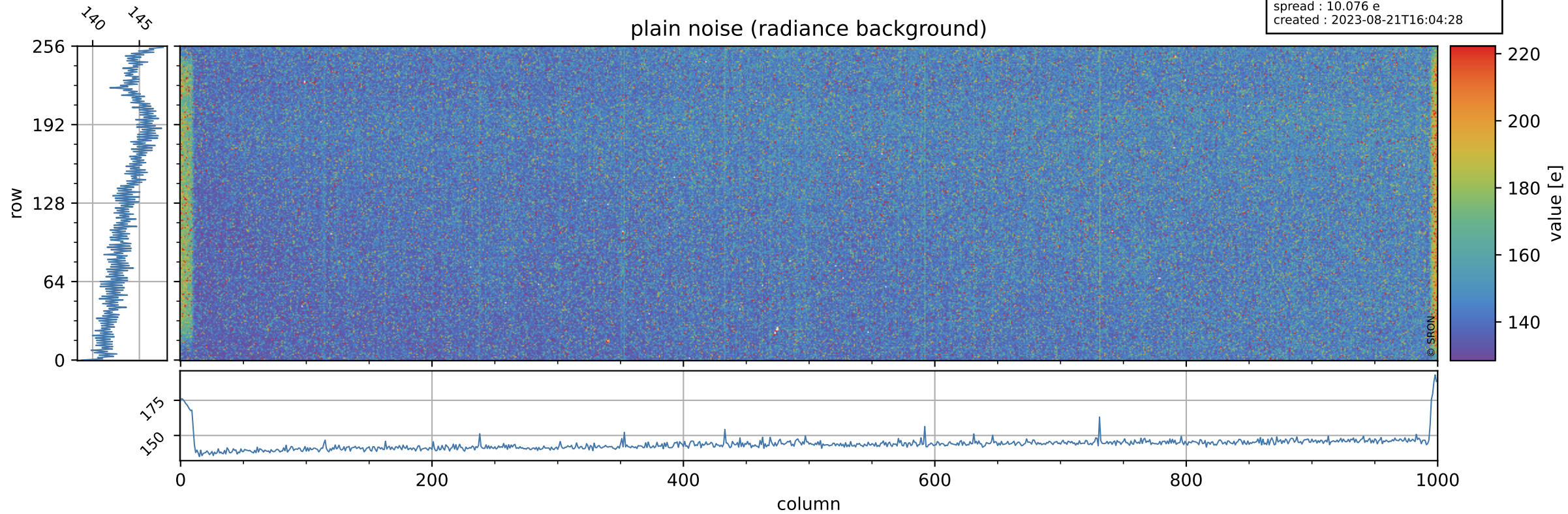
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19207, 19297]
coverage : 2021-06-28 / 2021-07-04
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 10.076 e
created : 2023-08-21T16:04:28

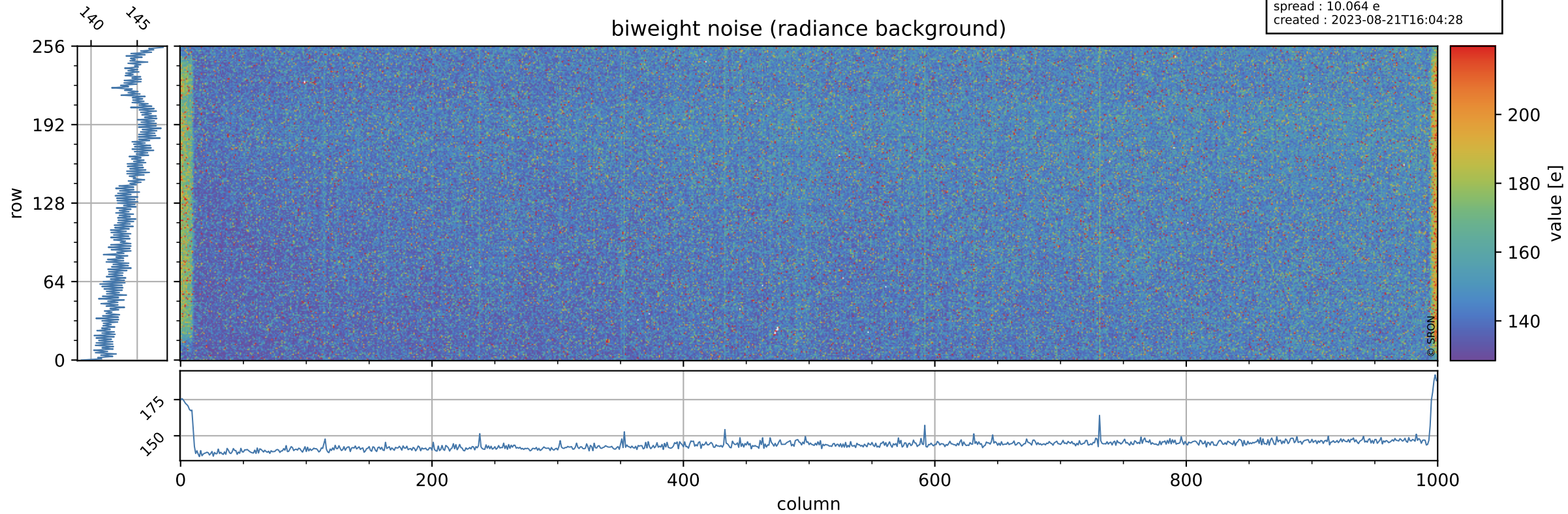
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19207, 19297]
coverage : 2021-06-28 / 2021-07-04
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 10.064 e
created : 2023-08-21T16:04:28

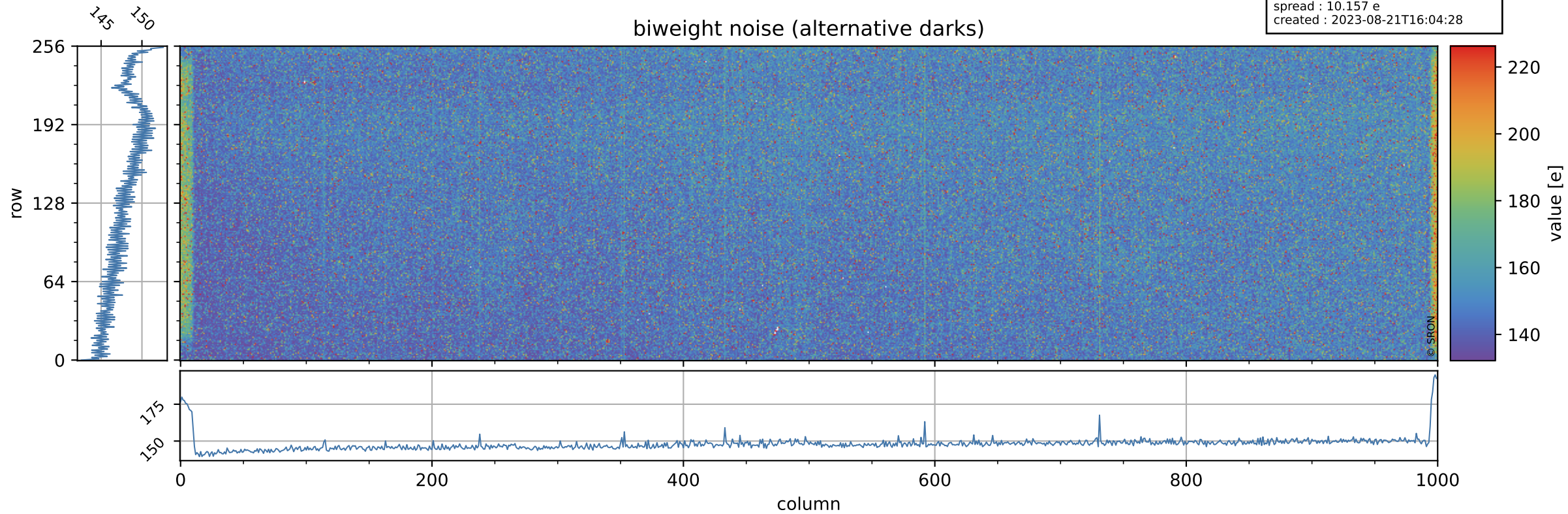
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19207, 19297]
coverage : 2021-06-28 / 2021-07-04
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.157 e
created : 2023-08-21T16:04:28

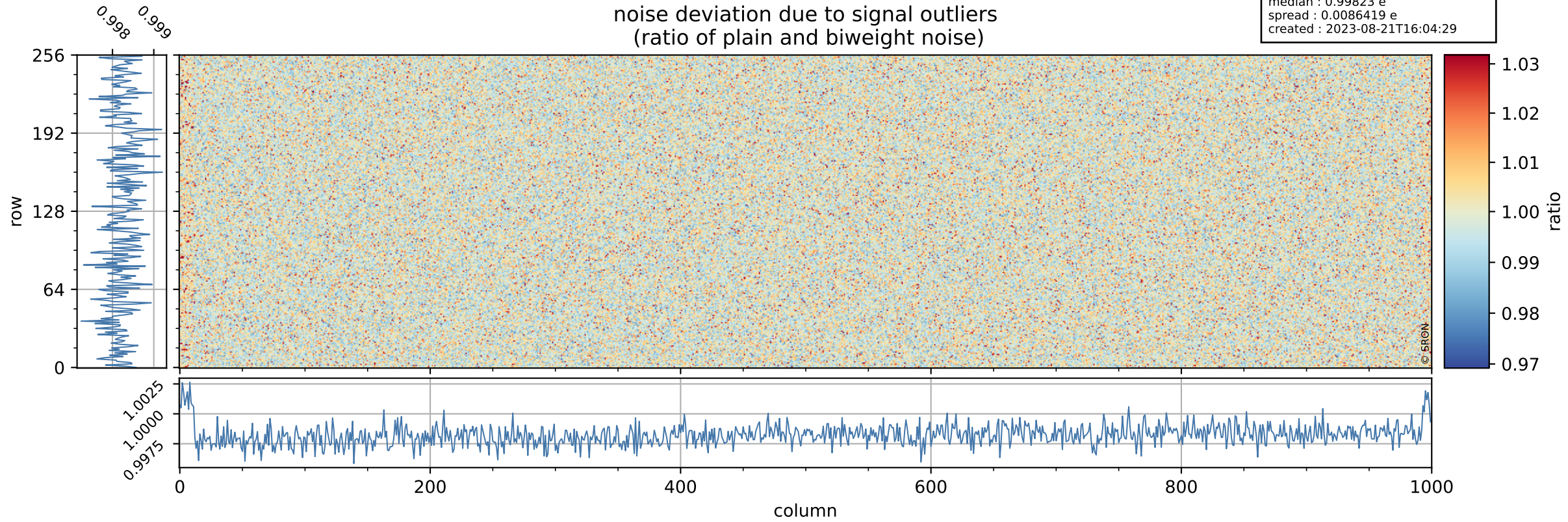
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

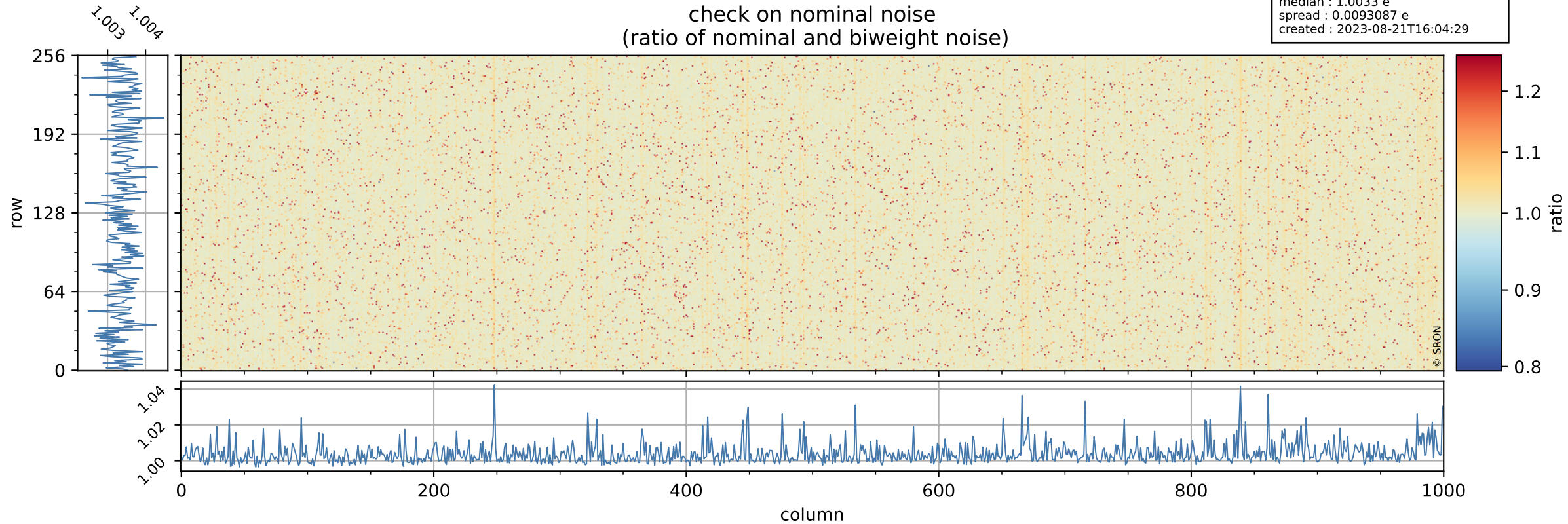
orbits : 12 in [19207, 19297]
coverage : 2021-06-28 / 2021-07-04
median : 0.99823 e
spread : 0.0086419 e
created : 2023-08-21T16:04:29



Tropomi SWIR background noise (swir)

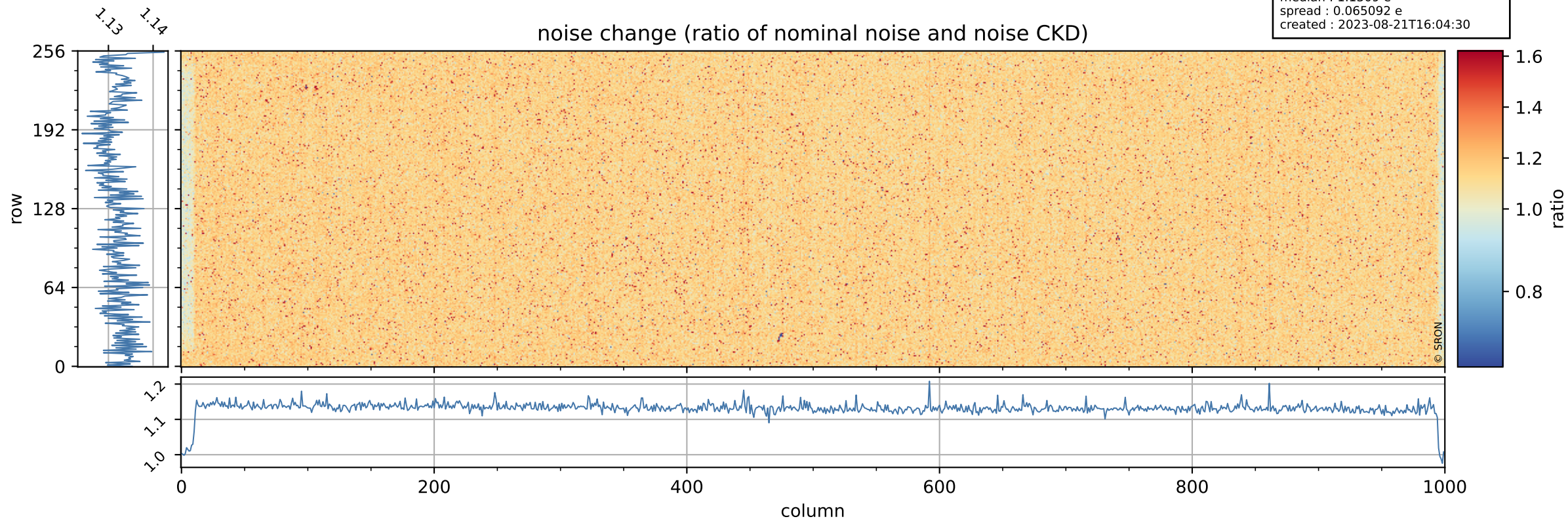
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19207, 19297]
coverage : 2021-06-28 / 2021-07-04
median : 1.0033 e
spread : 0.0093087 e
created : 2023-08-21T16:04:29



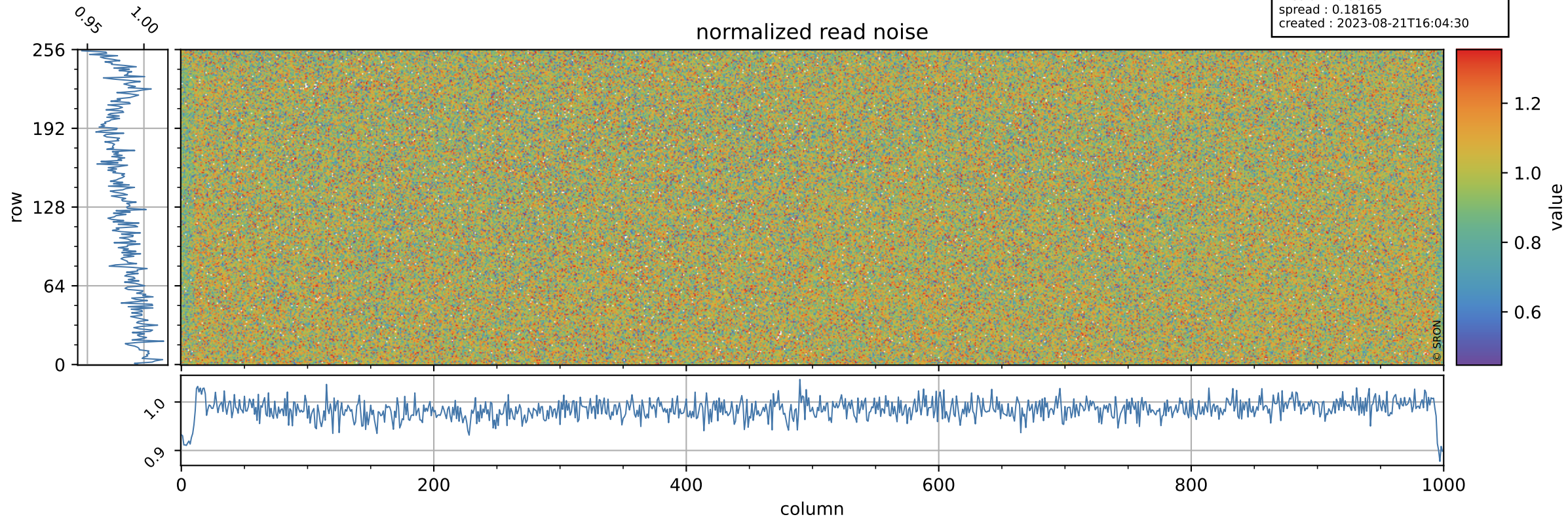
Tropomi SWIR background noise (swir)

orbits : 12 in [19207, 19297]
coverage : 2021-06-28 / 2021-07-04
median : 1.1309 e
spread : 0.065092 e
created : 2023-08-21T16:04:30



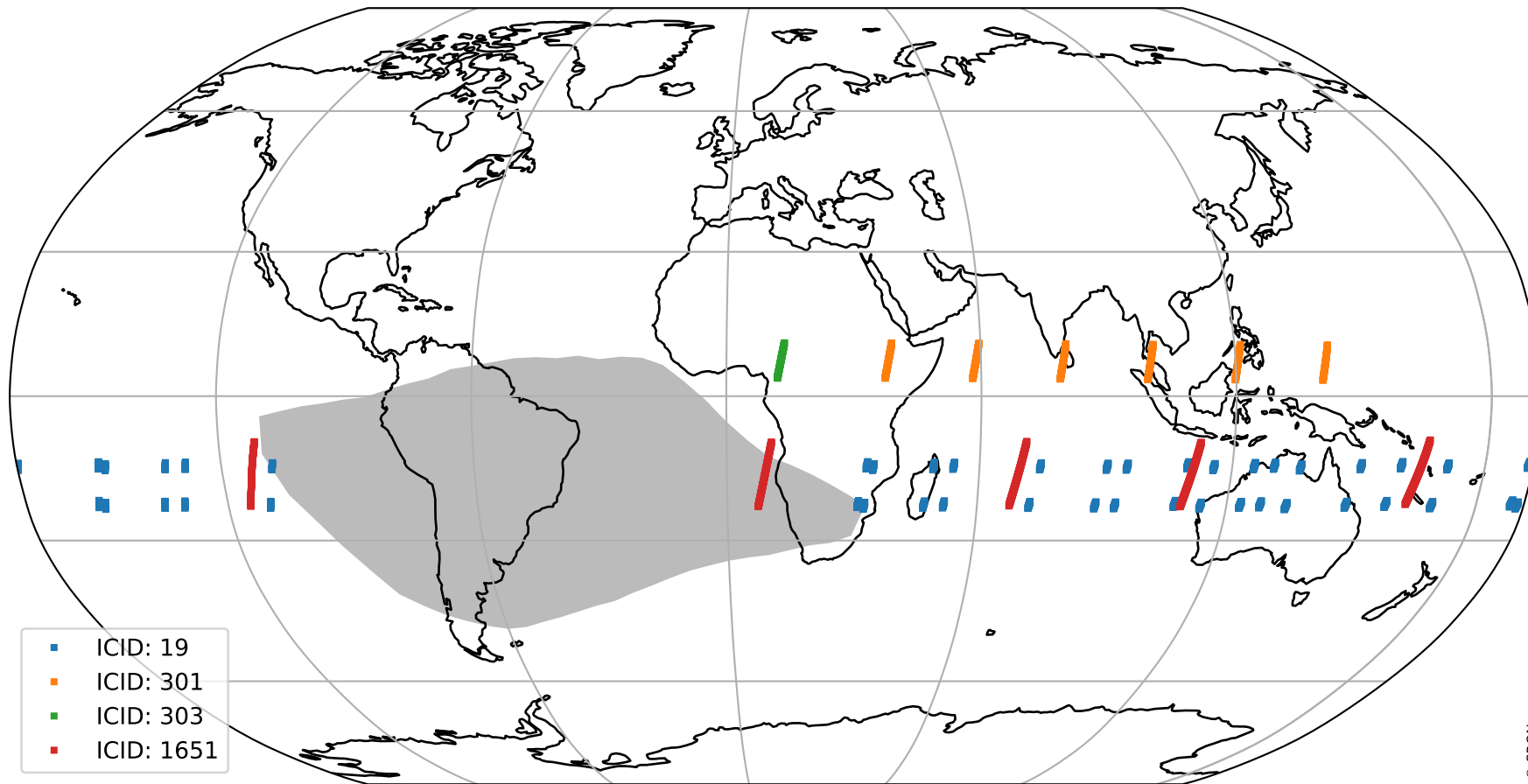
Tropomi SWIR background noise (swir)

orbits : 12 in [19207, 19297]
coverage : 2021-06-28 / 2021-07-04
median : 0.98261
spread : 0.18165
created : 2023-08-21T16:04:30



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

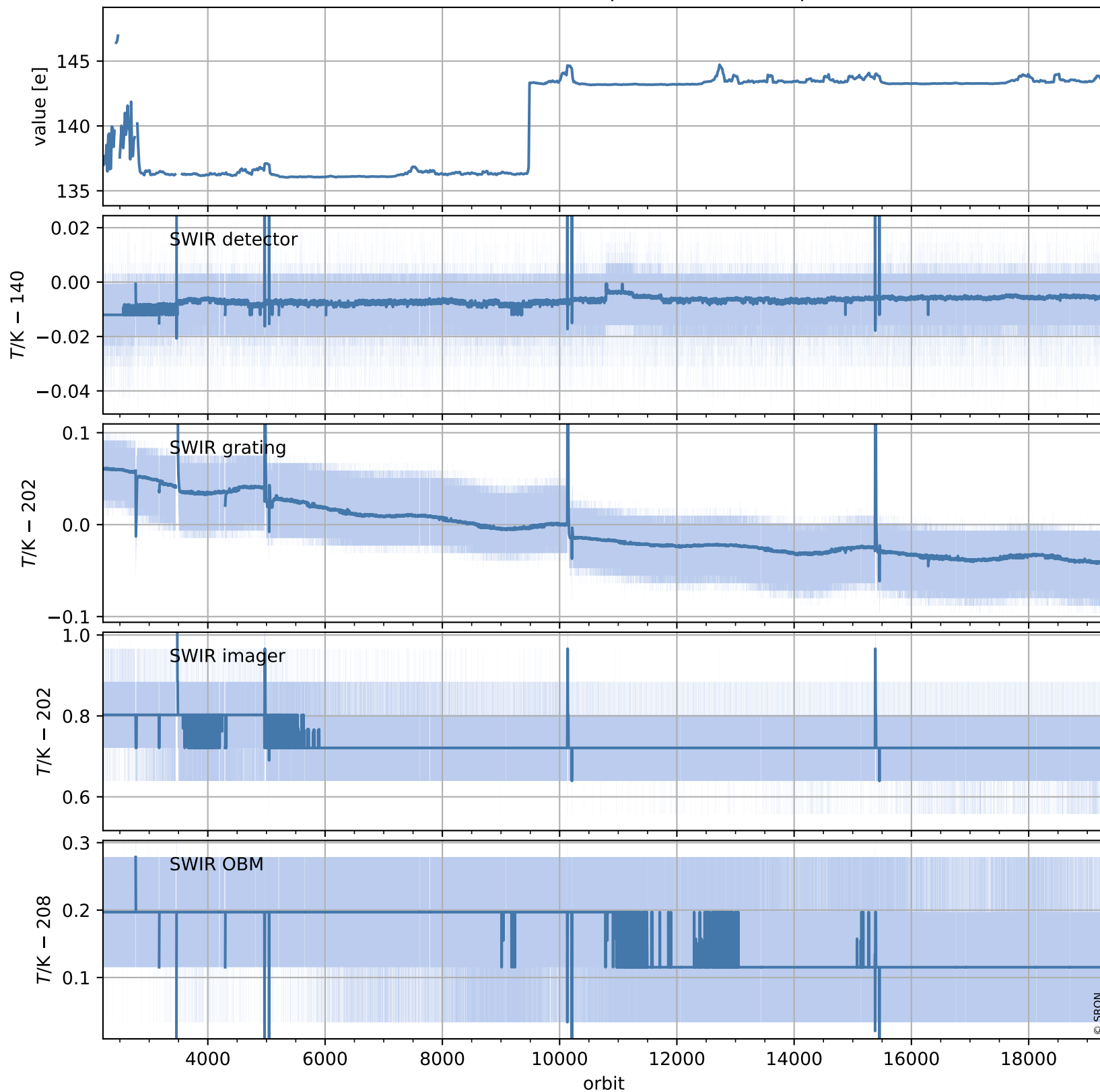
orbits : 12 in [19207, 19297]
coverage : 2021-06-28 / 2021-07-04
created : 2023-08-21T16:04:30



Tropomi SWIR background noise (swir)

orbits : [2212, 19297]
coverage : 2018-03-18 / 2021-07-04
created : 2023-08-21T16:04:30

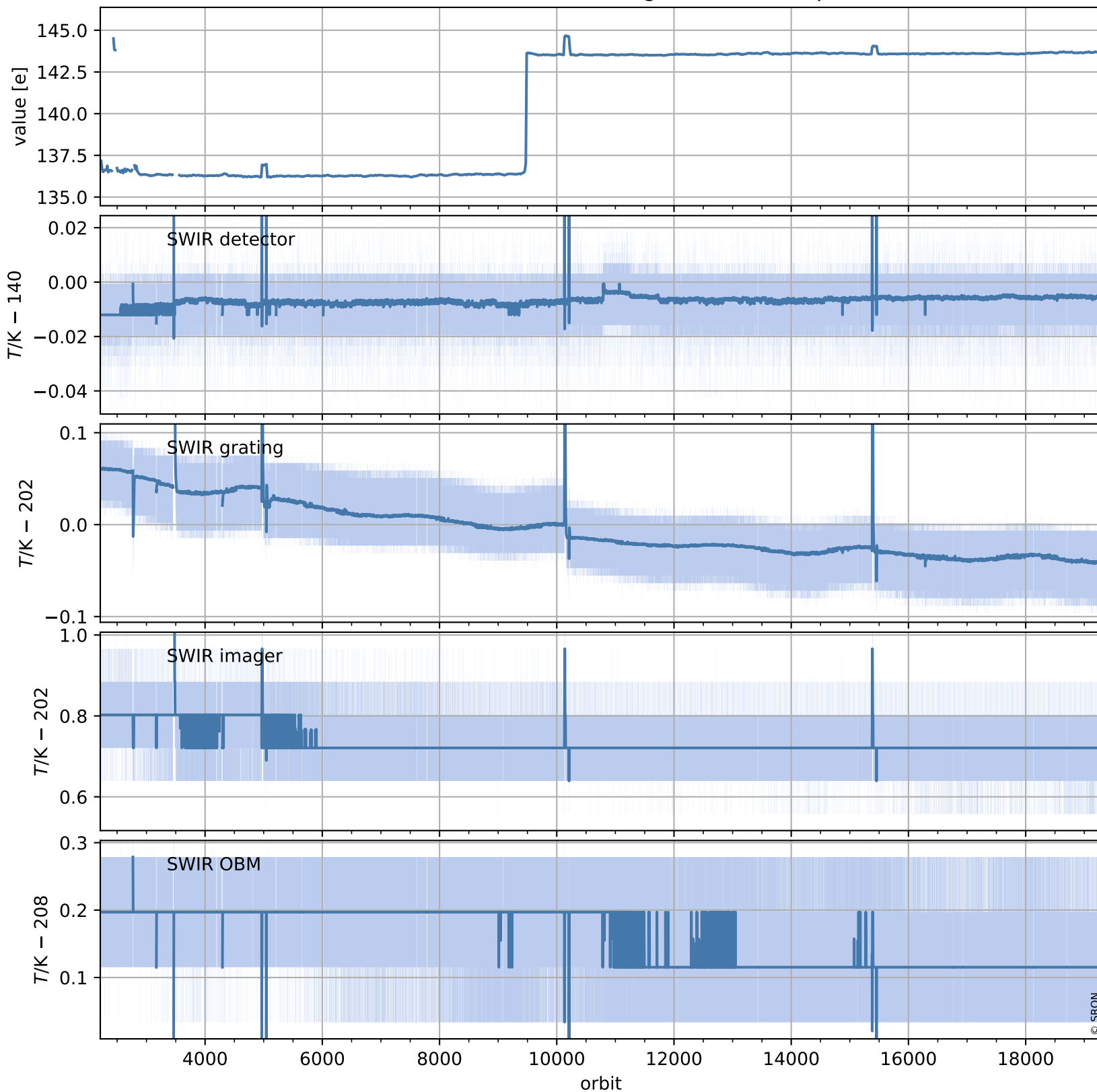
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19297]
coverage : 2018-03-18 / 2021-07-04
created : 2023-08-21T16:04:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19297]
coverage : 2018-03-18 / 2021-07-04
created : 2023-08-21T16:04:32

trend of normalized read-noise & temperatures

