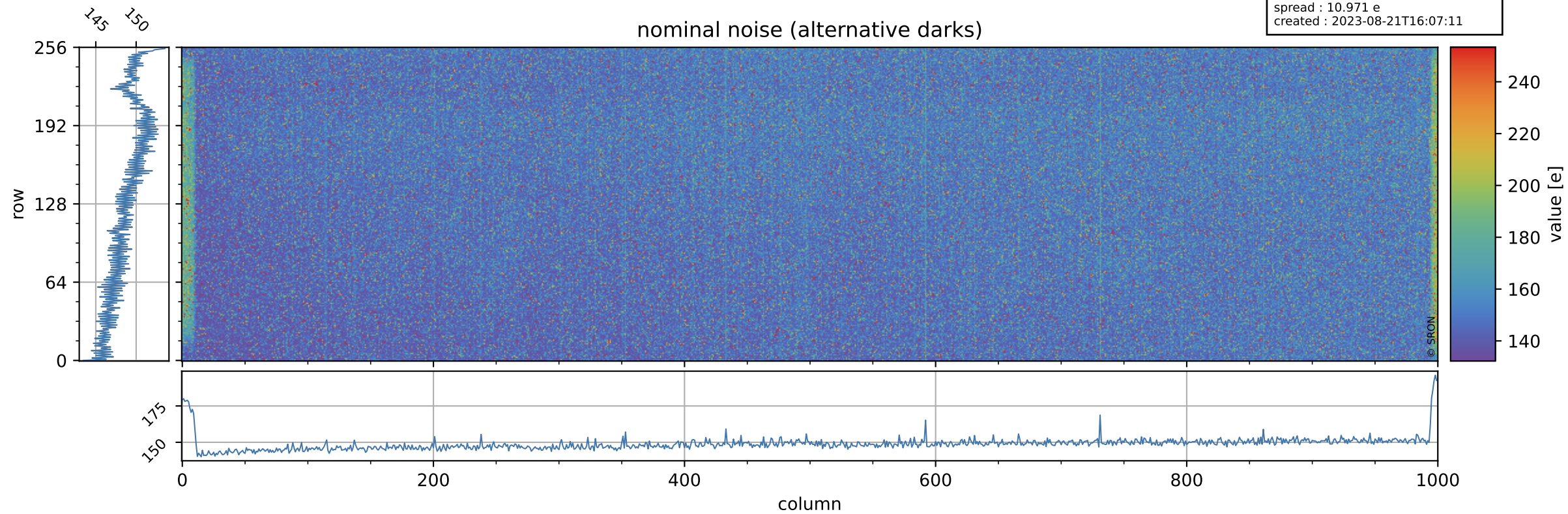


Tropomi SWIR background noise (swir)

orbits : 12 in [19657, 19747]
coverage : 2021-07-30 / 2021-08-05
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.971 e
created : 2023-08-21T16:07:11

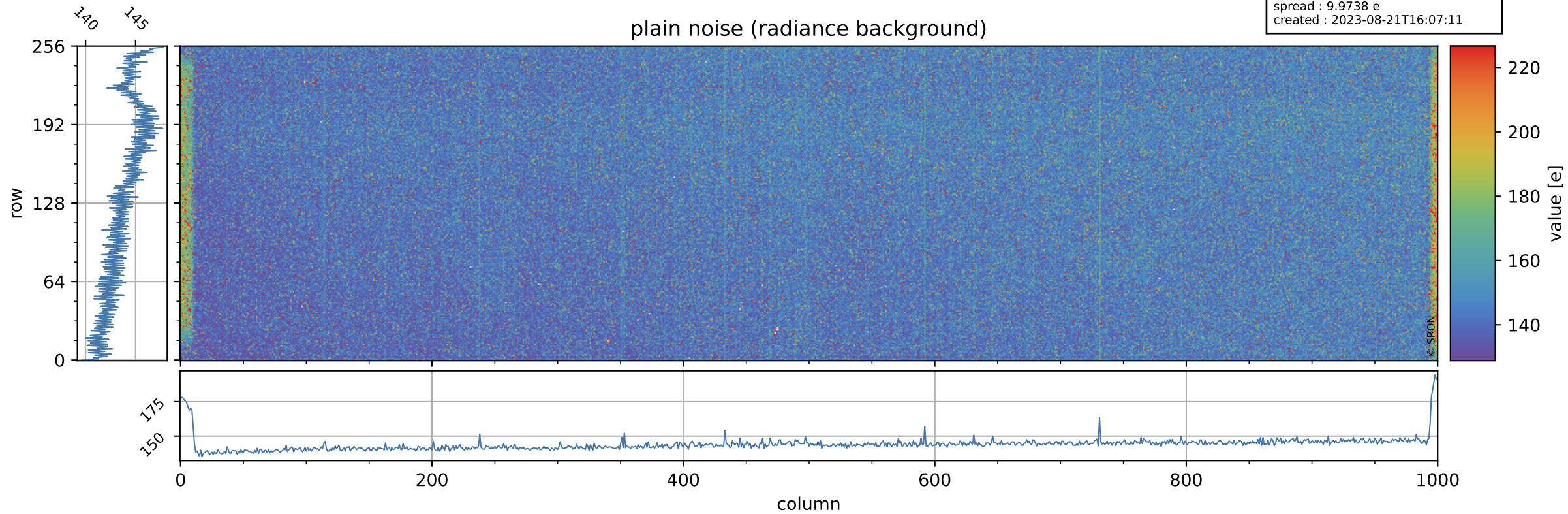
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19657, 19747]
coverage : 2021-07-30 / 2021-08-05
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.9738 e
created : 2023-08-21T16:07:11

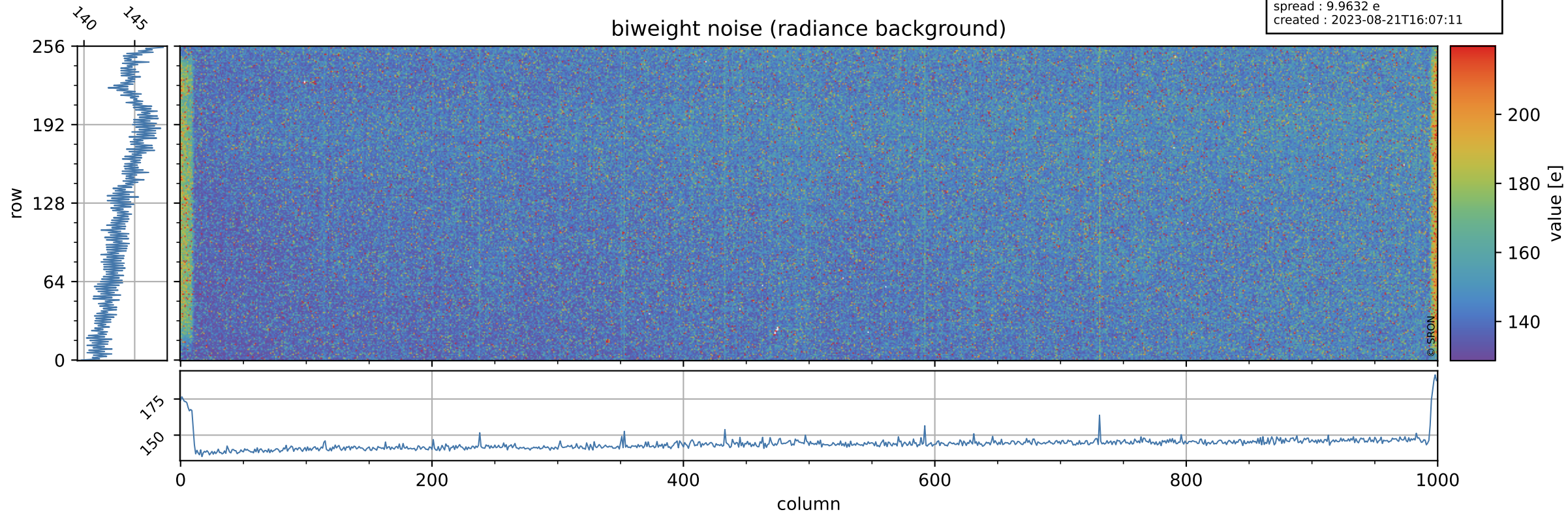
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19657, 19747]
coverage : 2021-07-30 / 2021-08-05
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.9632 e
created : 2023-08-21T16:07:11

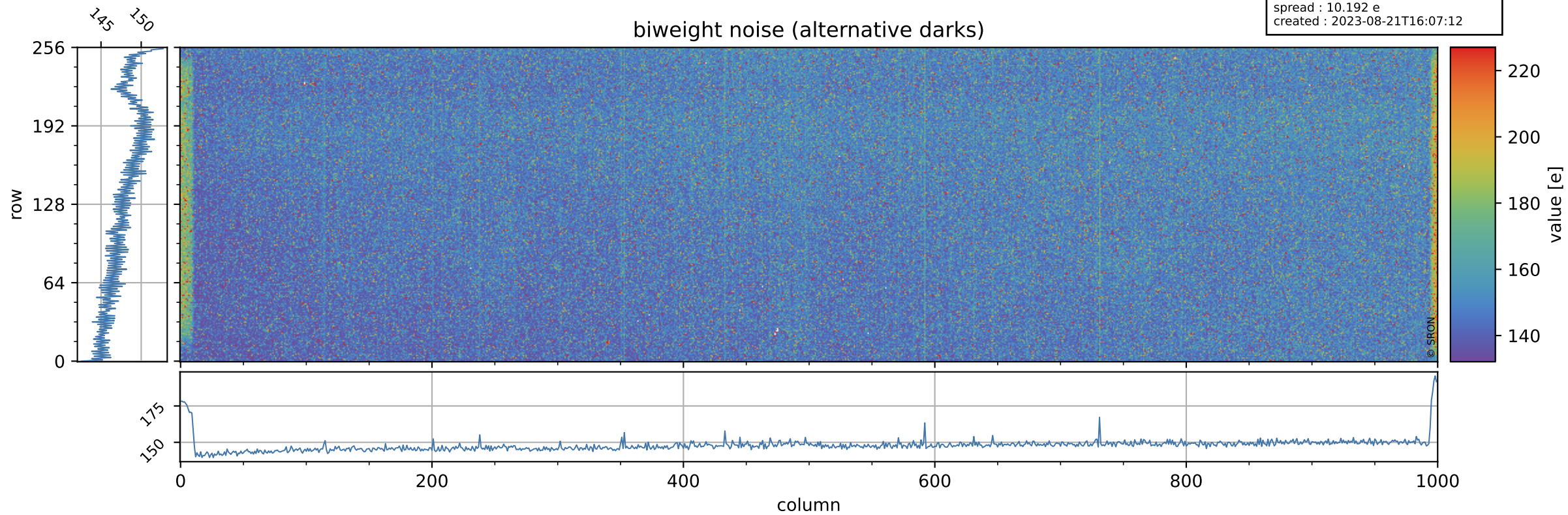
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19657, 19747]
coverage : 2021-07-30 / 2021-08-05
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.192 e
created : 2023-08-21T16:07:12

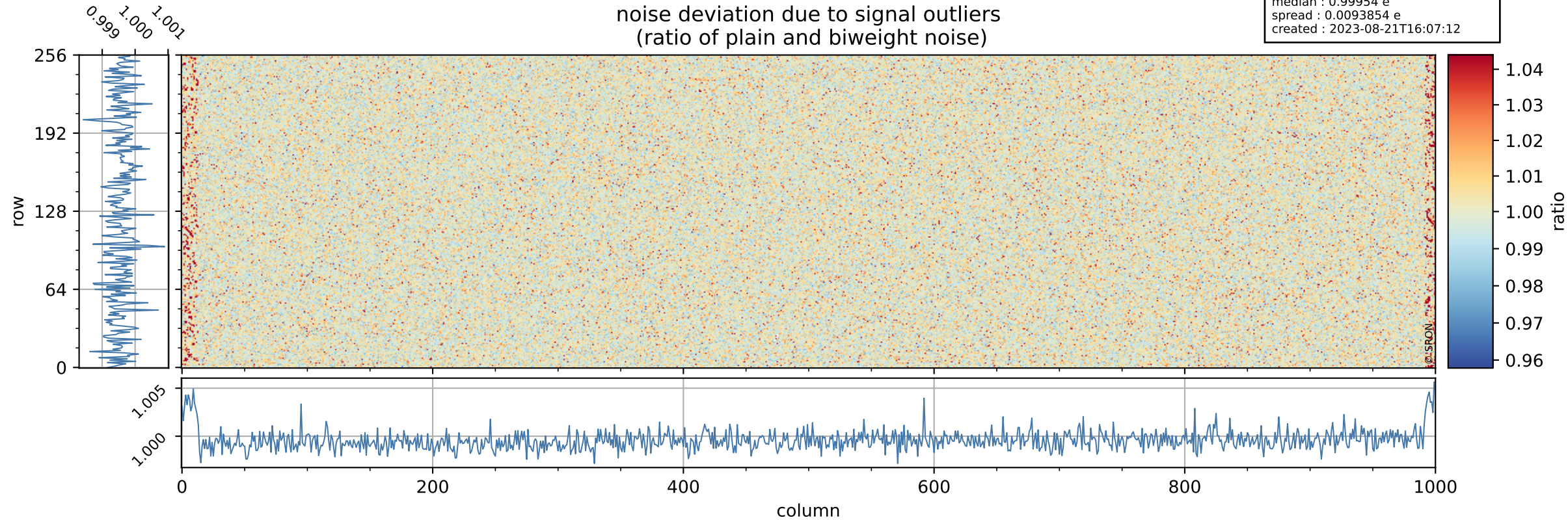
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

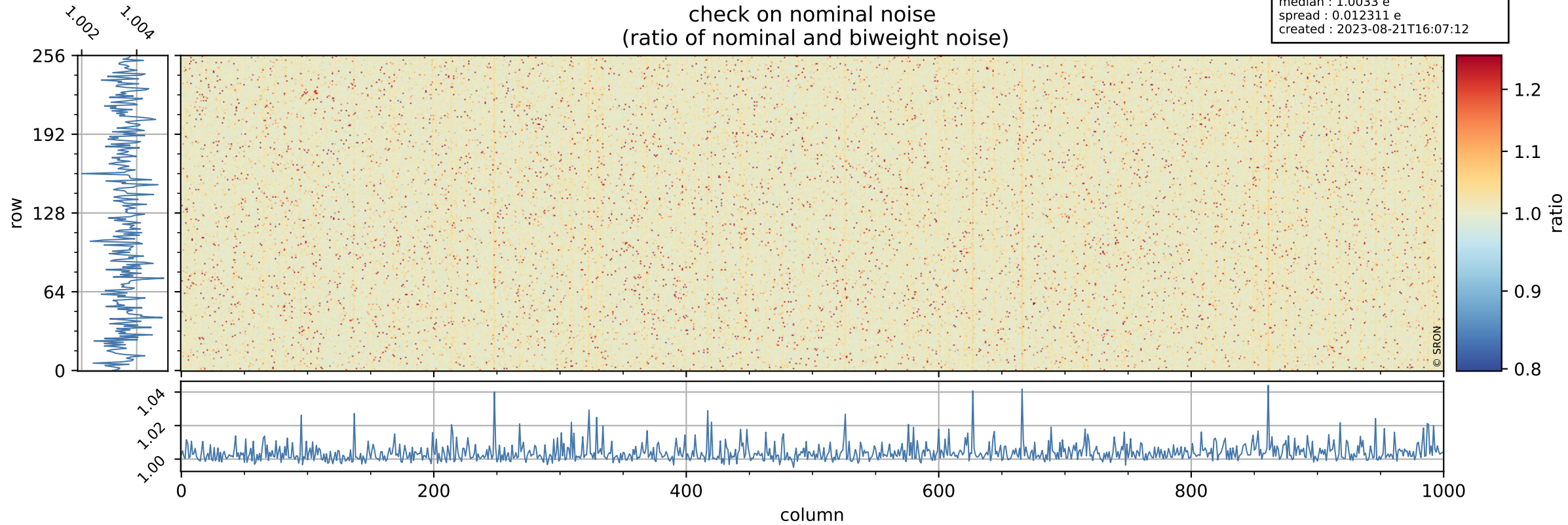
orbits : 12 in [19657, 19747]
coverage : 2021-07-30 / 2021-08-05
median : 0.99954 e
spread : 0.0093854 e
created : 2023-08-21T16:07:12



Tropomi SWIR background noise (swir)

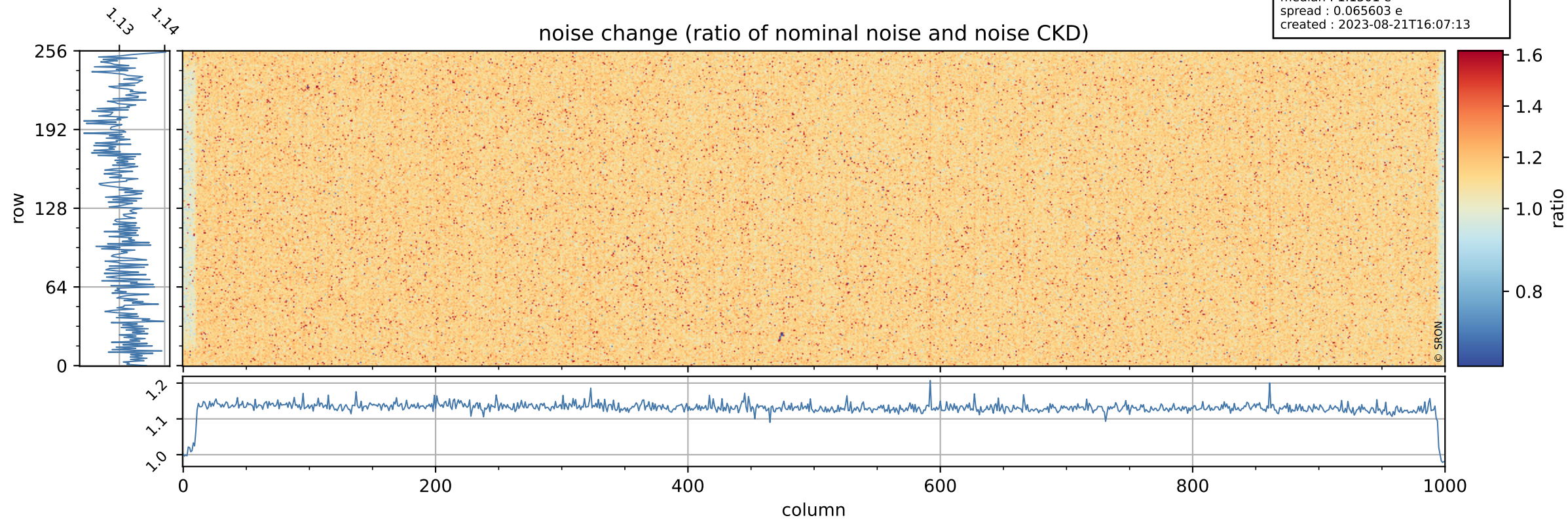
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19657, 19747]
coverage : 2021-07-30 / 2021-08-05
median : 1.0033 e
spread : 0.012311 e
created : 2023-08-21T16:07:12



Tropomi SWIR background noise (swir)

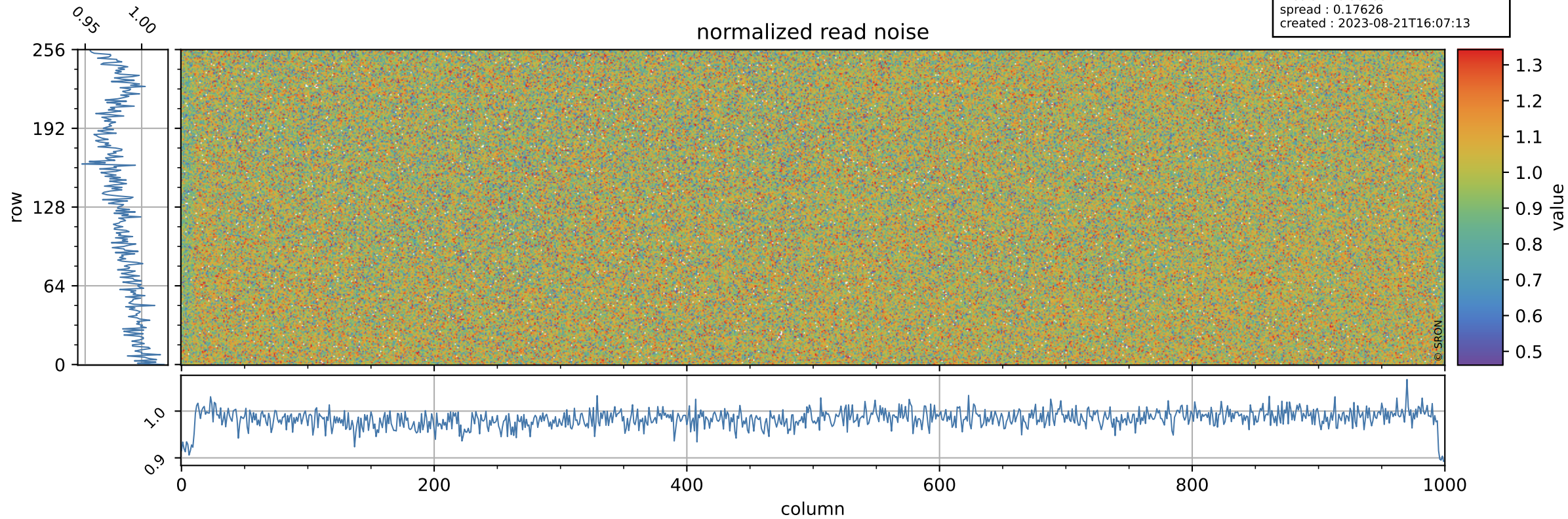
orbits : 12 in [19657, 19747]
coverage : 2021-07-30 / 2021-08-05
median : 1.1301 e
spread : 0.065603 e
created : 2023-08-21T16:07:13



Tropomi SWIR background noise (swir)

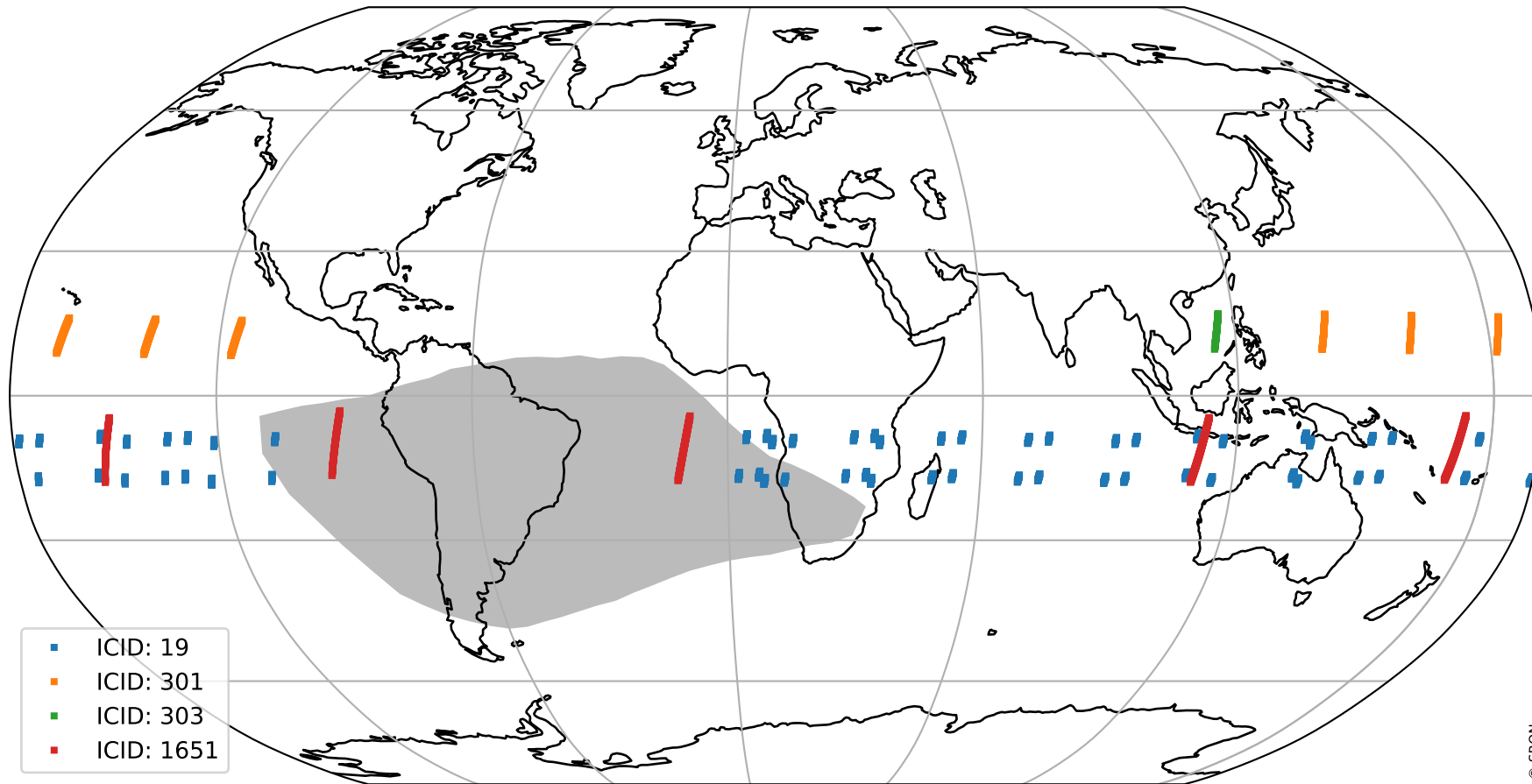
orbits : 12 in [19657, 19747]
coverage : 2021-07-30 / 2021-08-05
median : 0.98199
spread : 0.17626
created : 2023-08-21T16:07:13

normalized read noise



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

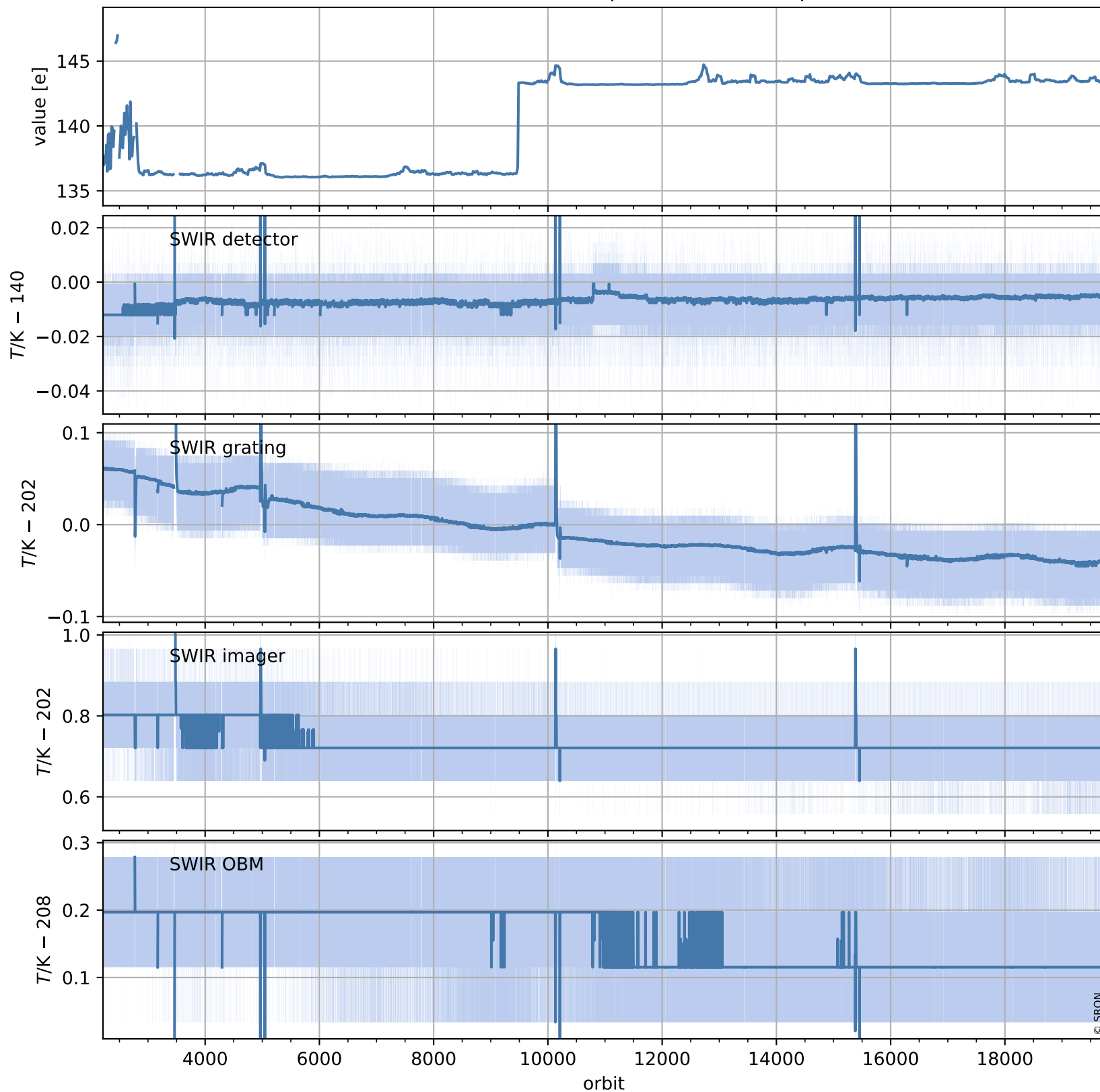
orbits : 12 in [19657, 19747]
coverage : 2021-07-30 / 2021-08-05
created : 2023-08-21T16:07:13



Tropomi SWIR background noise (swir)

orbits : [2212, 19747]
coverage : 2018-03-18 / 2021-08-05
created : 2023-08-21T16:07:14

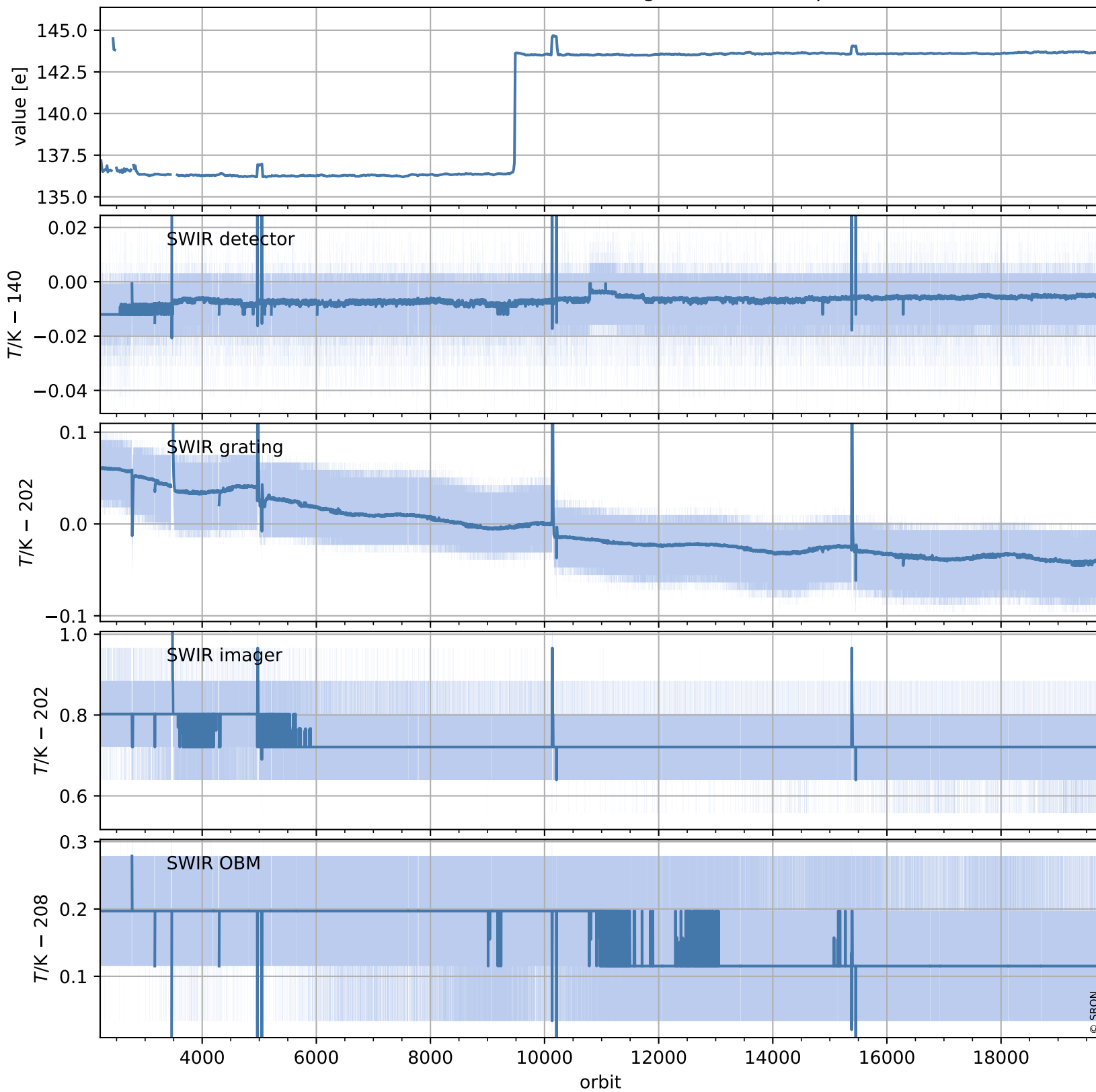
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19747]
coverage : 2018-03-18 / 2021-08-05
created : 2023-08-21T16:07:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19747]
coverage : 2018-03-18 / 2021-08-05
created : 2023-08-21T16:07:15

trend of normalized read-noise & temperatures

