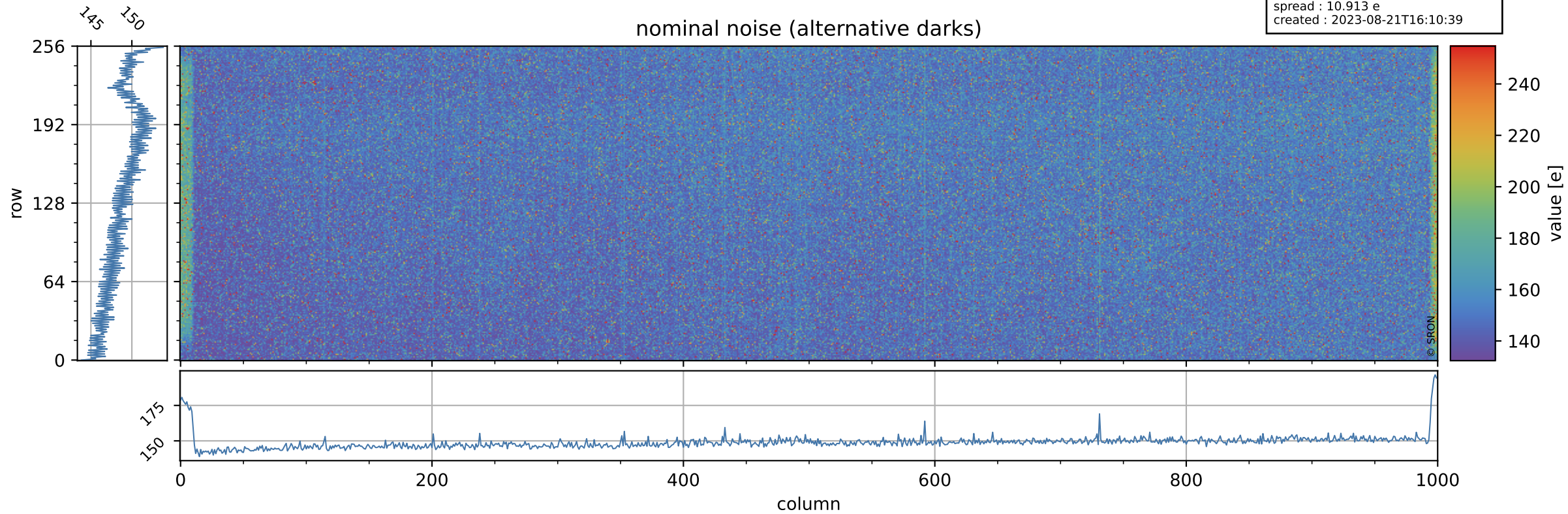


Tropomi SWIR background noise (swir)

orbits : 12 in [20227, 20317]
coverage : 2021-09-08 / 2021-09-14
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.913 e
created : 2023-08-21T16:10:39

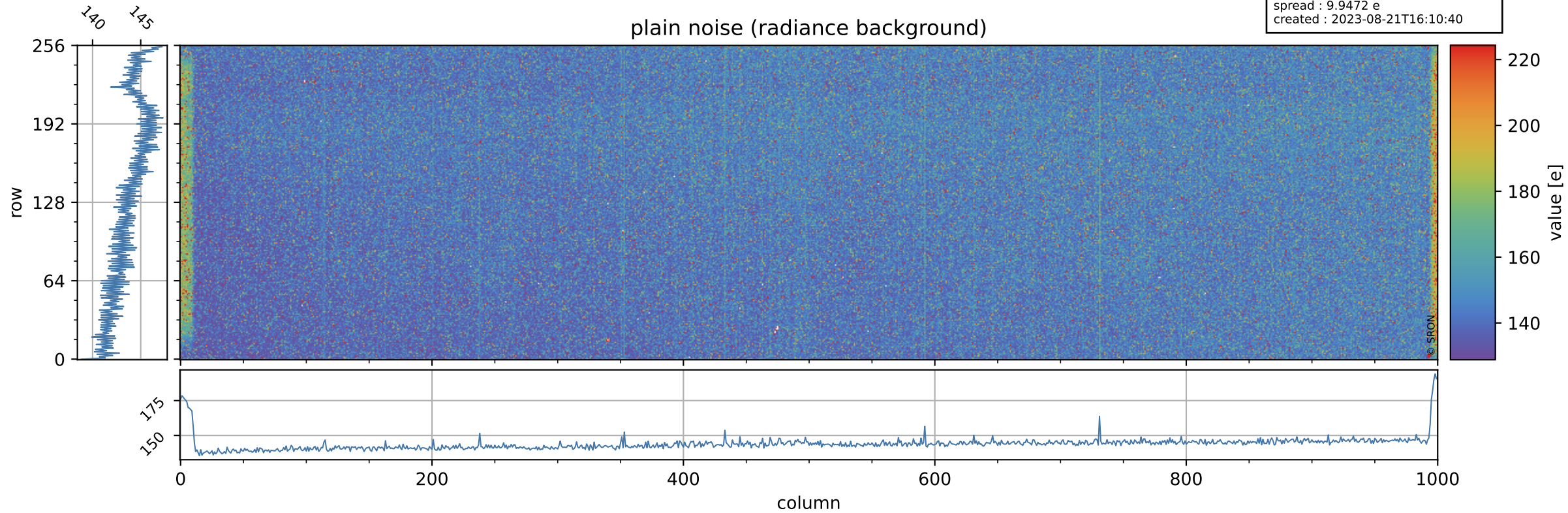
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20227, 20317]
coverage : 2021-09-08 / 2021-09-14
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.9472 e
created : 2023-08-21T16:10:40

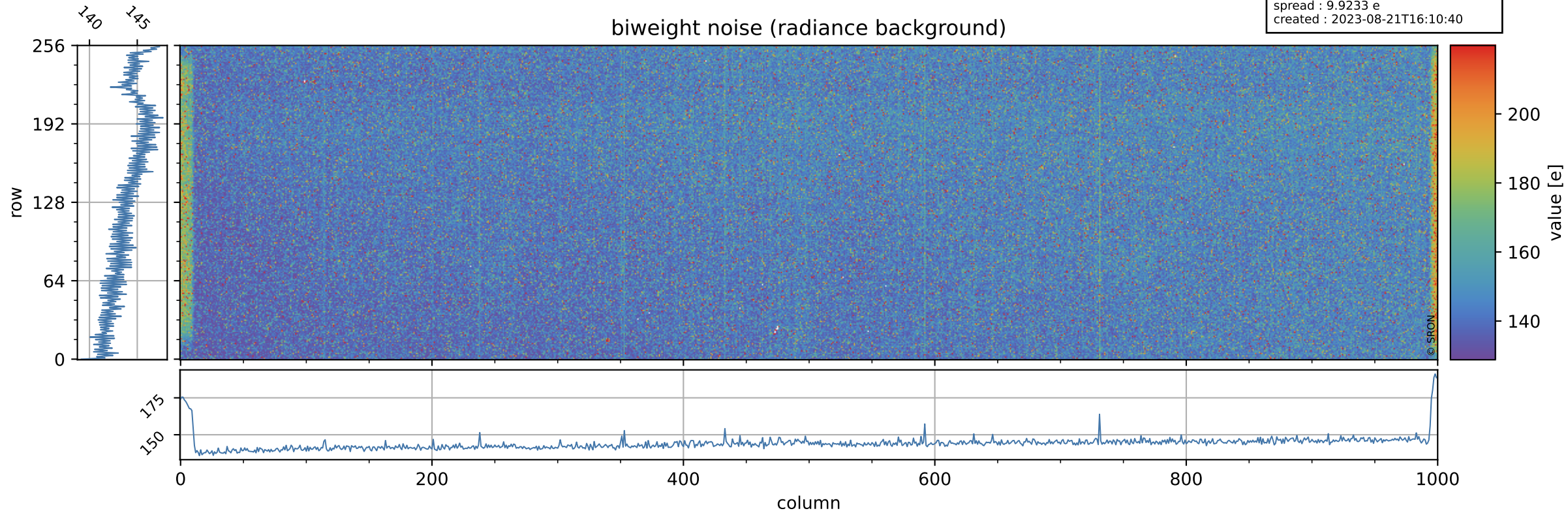
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20227, 20317]
coverage : 2021-09-08 / 2021-09-14
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.9233 e
created : 2023-08-21T16:10:40

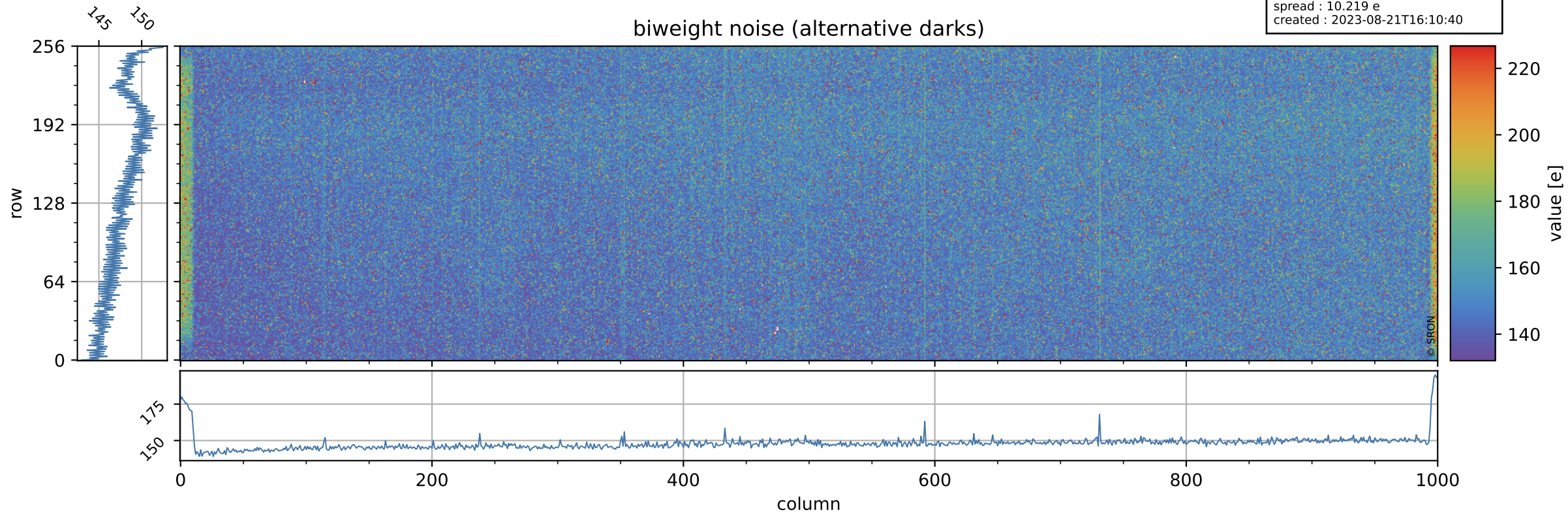
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20227, 20317]
coverage : 2021-09-08 / 2021-09-14
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.219 e
created : 2023-08-21T16:10:40

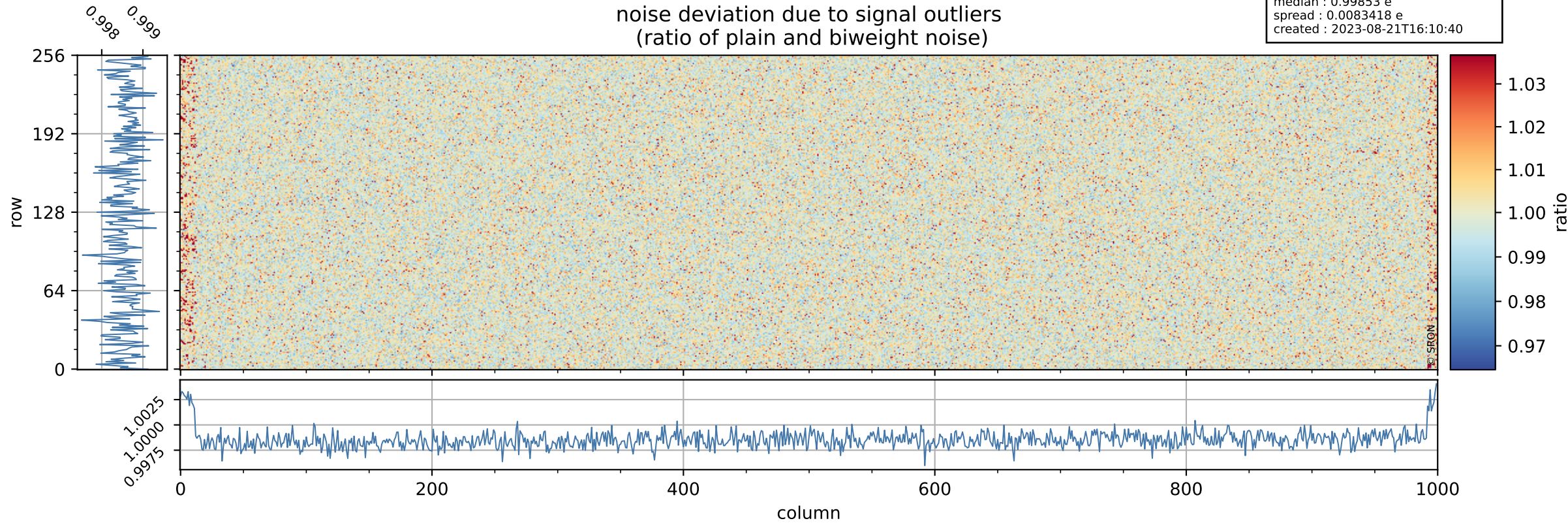
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

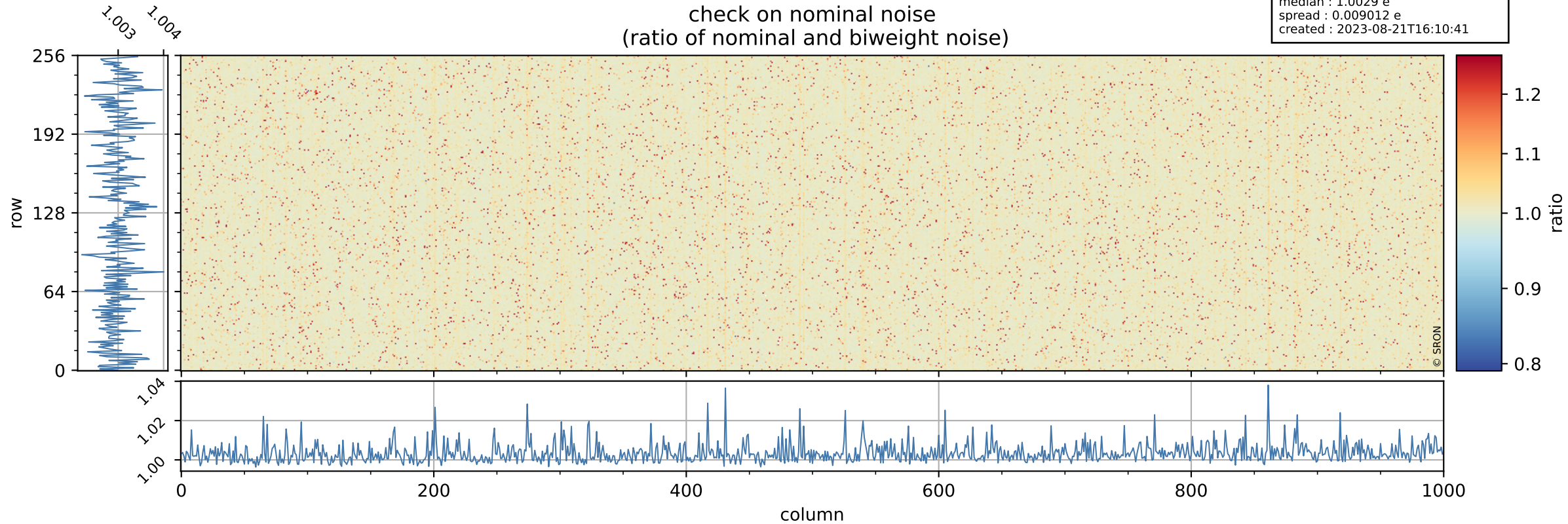
orbits : 12 in [20227, 20317]
coverage : 2021-09-08 / 2021-09-14
median : 0.99853 e
spread : 0.0083418 e
created : 2023-08-21T16:10:40



Tropomi SWIR background noise (swir)

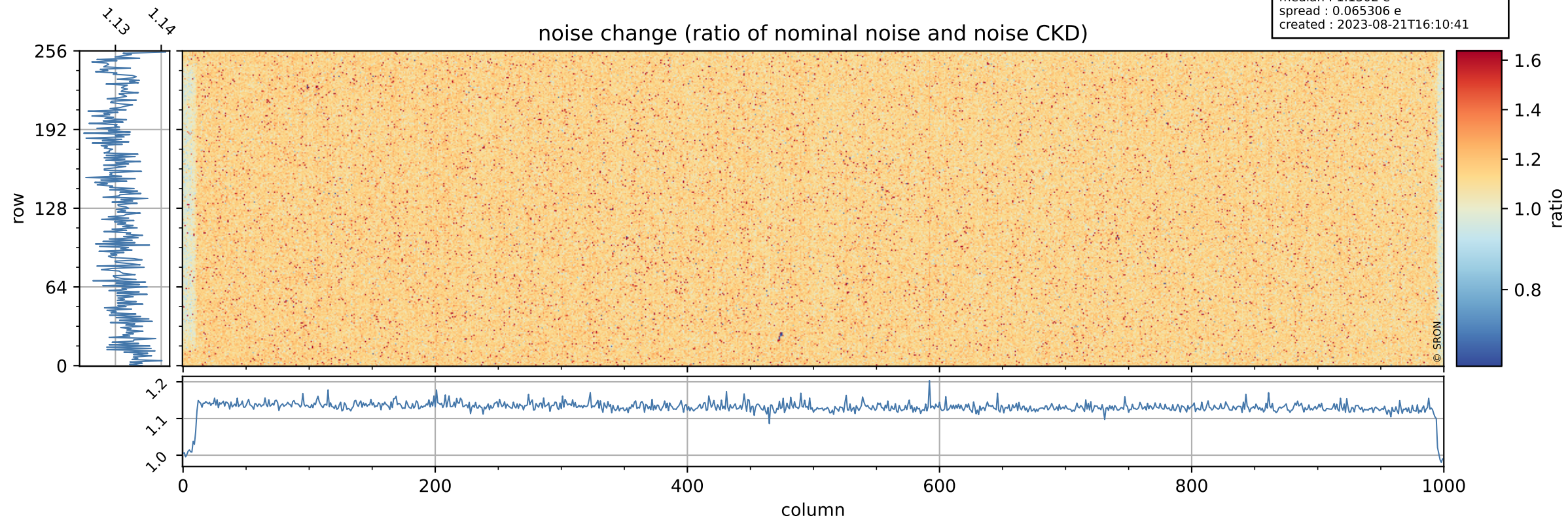
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20227, 20317]
coverage : 2021-09-08 / 2021-09-14
median : 1.0029 e
spread : 0.009012 e
created : 2023-08-21T16:10:41



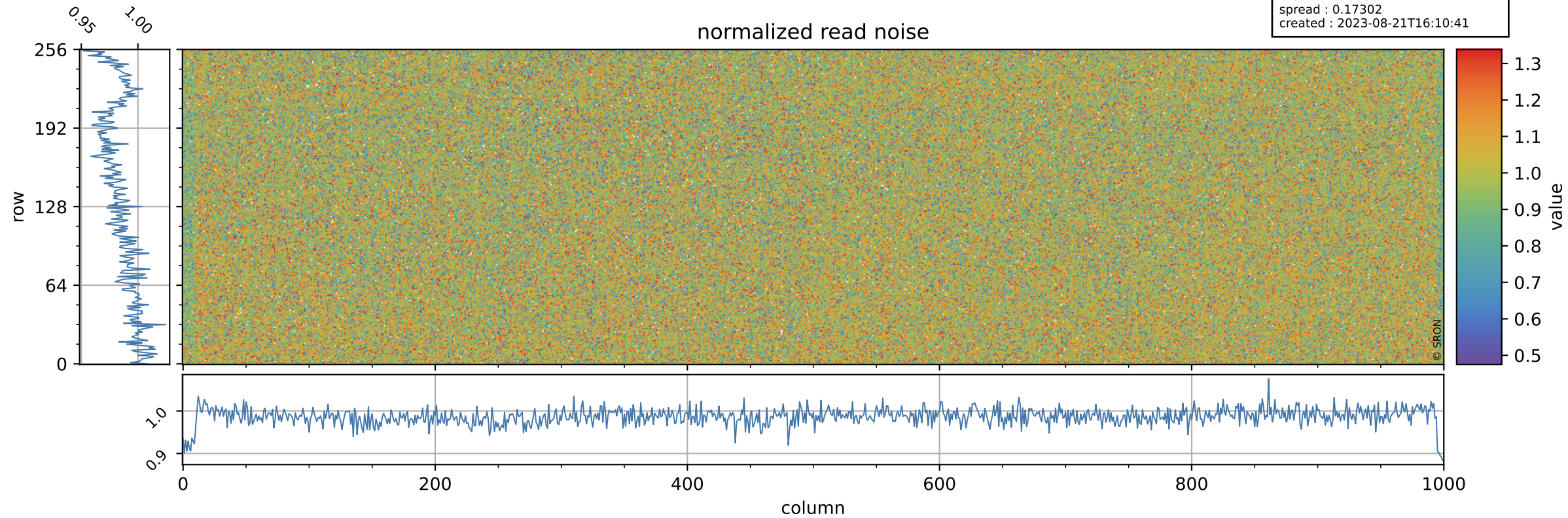
Tropomi SWIR background noise (swir)

orbits : 12 in [20227, 20317]
coverage : 2021-09-08 / 2021-09-14
median : 1.1302 e
spread : 0.065306 e
created : 2023-08-21T16:10:41



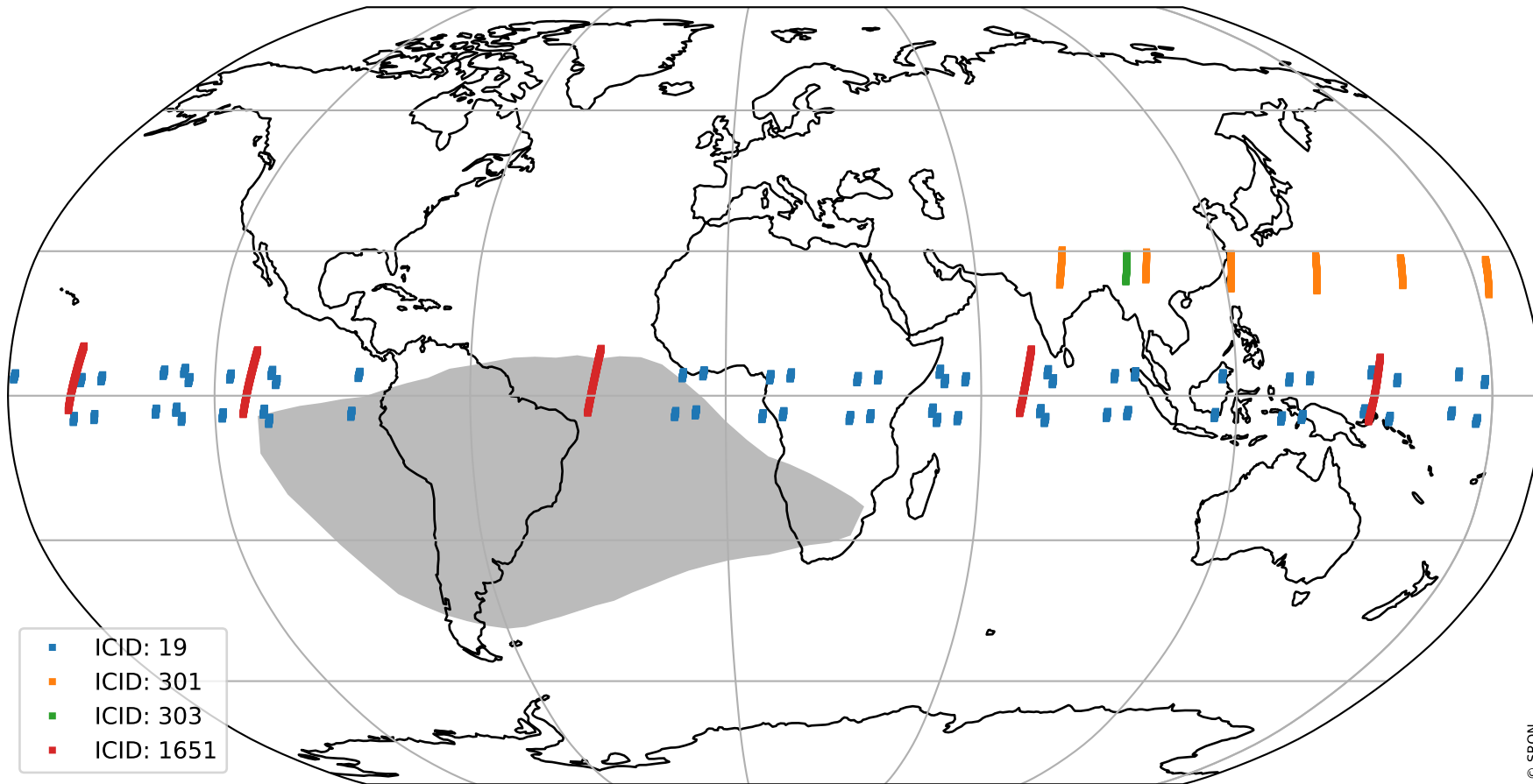
Tropomi SWIR background noise (swir)

orbits : 12 in [20227, 20317]
coverage : 2021-09-08 / 2021-09-14
median : 0.98532
spread : 0.17302
created : 2023-08-21T16:10:41



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

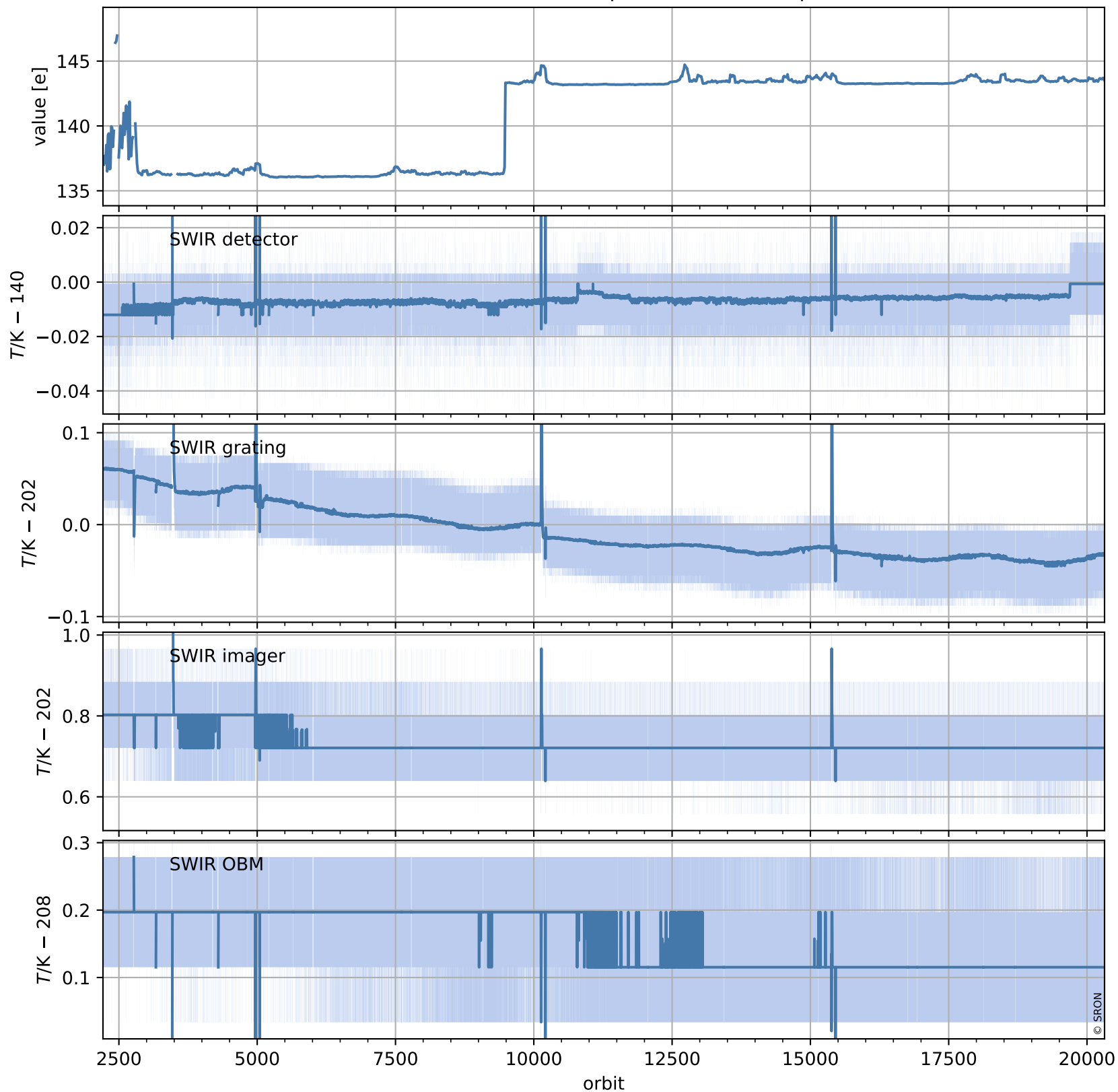
orbits : 12 in [20227, 20317]
coverage : 2021-09-08 / 2021-09-14
created : 2023-08-21T16:10:42



Tropomi SWIR background noise (swir)

orbits : [2212, 20317]
coverage : 2018-03-18 / 2021-09-14
created : 2023-08-21T16:10:42

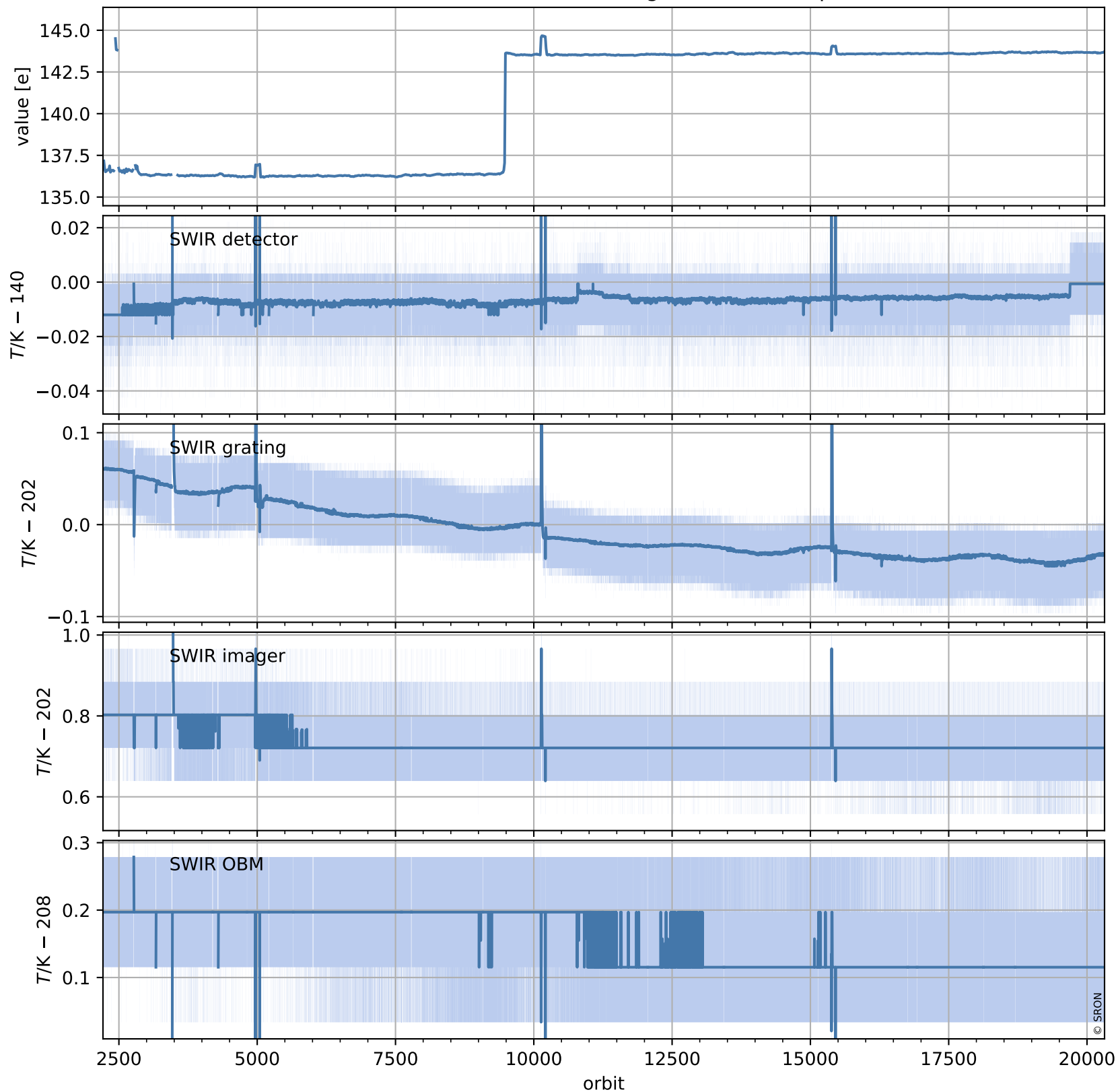
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20317]
coverage : 2018-03-18 / 2021-09-14
created : 2023-08-21T16:10:43

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20317]
coverage : 2018-03-18 / 2021-09-14
created : 2023-08-21T16:10:44

trend of normalized read-noise & temperatures

