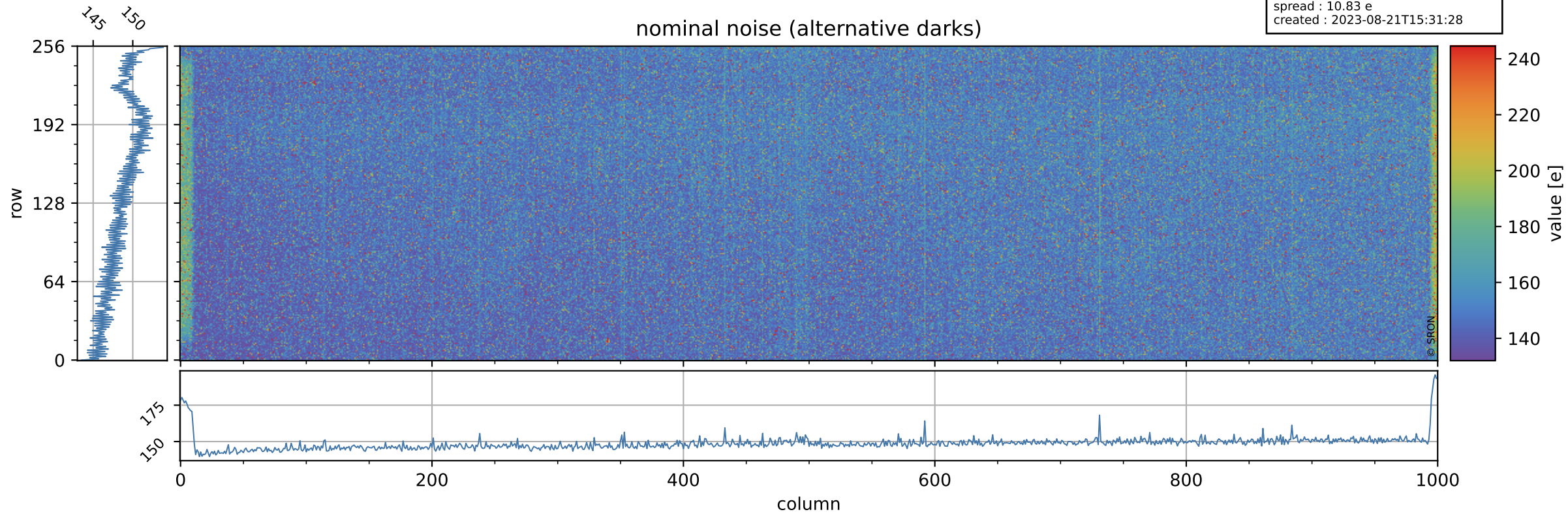


Tropomi SWIR background noise (swir)

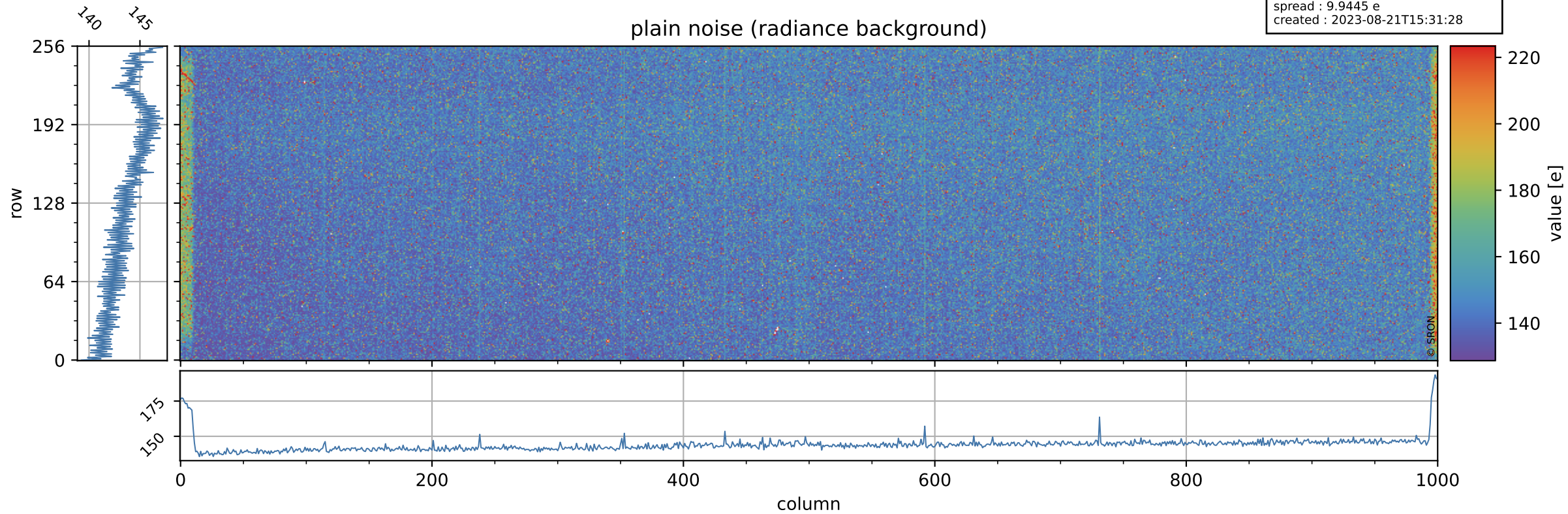
orbits : 11 in [13432, 13507]
coverage : 2020-05-16 / 2020-05-21
n_coad, t_exp : 1, 1.0783
median : 148.52 e
spread : 10.83 e
created : 2023-08-21T15:31:28



Tropomi SWIR background noise (swir)

orbits : 11 in [13432, 13507]
coverage : 2020-05-16 / 2020-05-21
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 9.9445 e
created : 2023-08-21T15:31:28

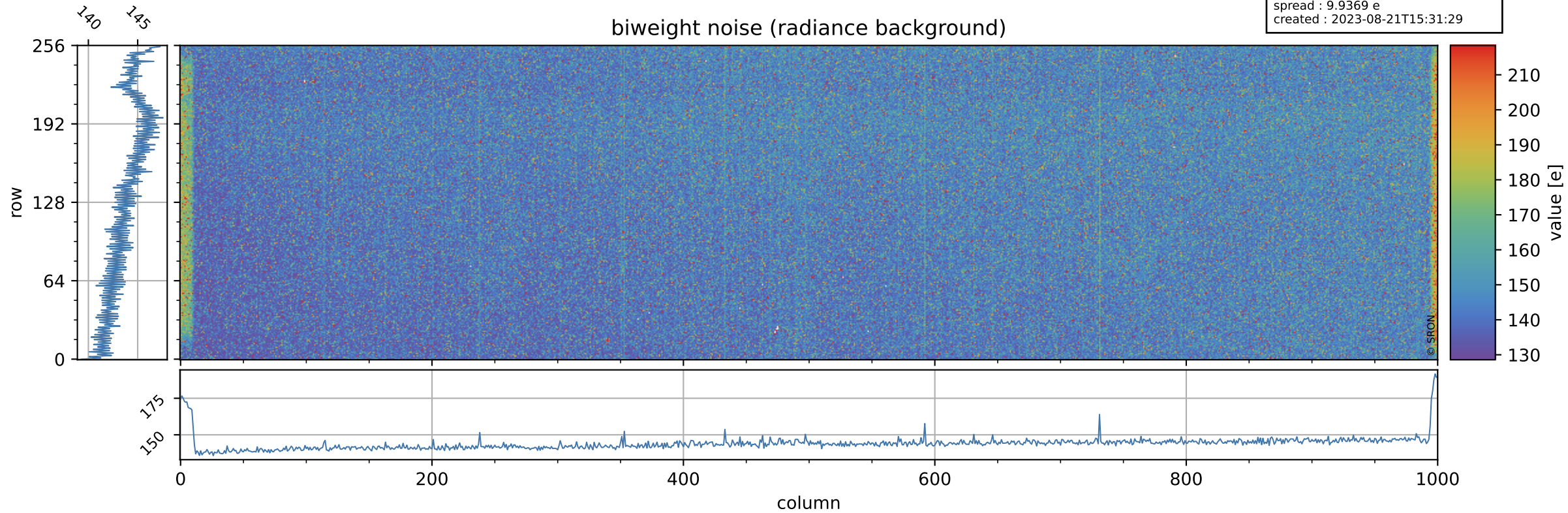
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [13432, 13507]
coverage : 2020-05-16 / 2020-05-21
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.9369 e
created : 2023-08-21T15:31:29

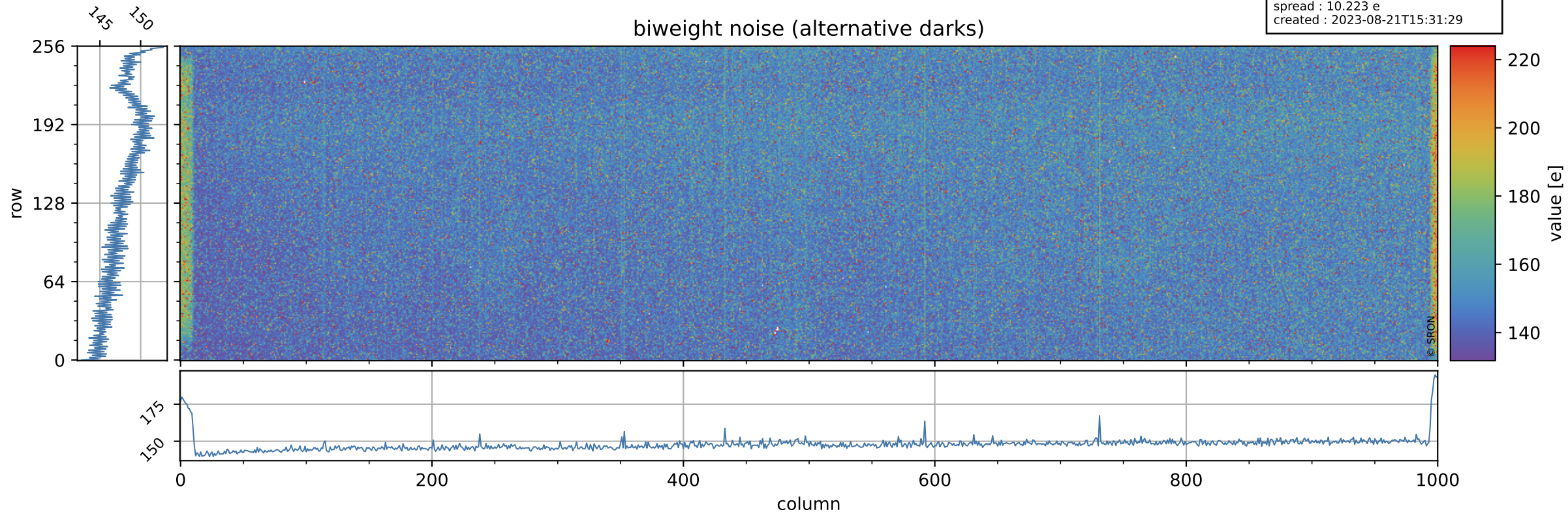
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [13432, 13507]
coverage : 2020-05-16 / 2020-05-21
n_coad, t_exp : 1, 1.0783
median : 147.66 e
spread : 10.223 e
created : 2023-08-21T15:31:29

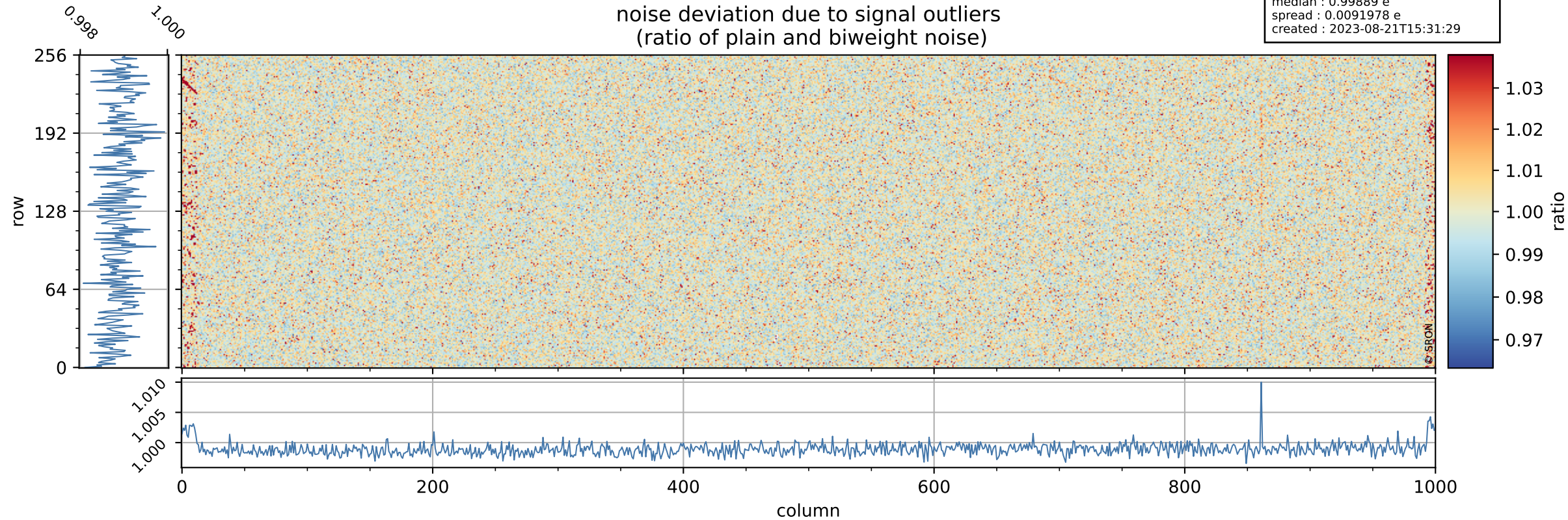
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

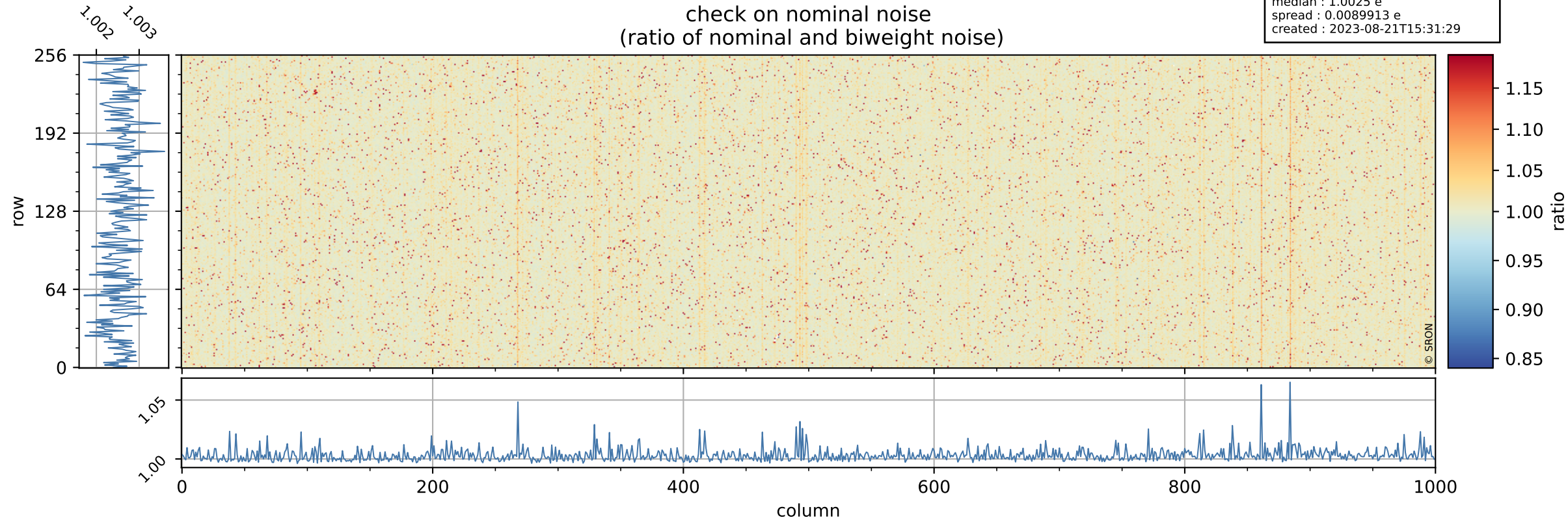
orbits : 11 in [13432, 13507]
coverage : 2020-05-16 / 2020-05-21
median : 0.99889 e
spread : 0.0091978 e
created : 2023-08-21T15:31:29



Tropomi SWIR background noise (swir)

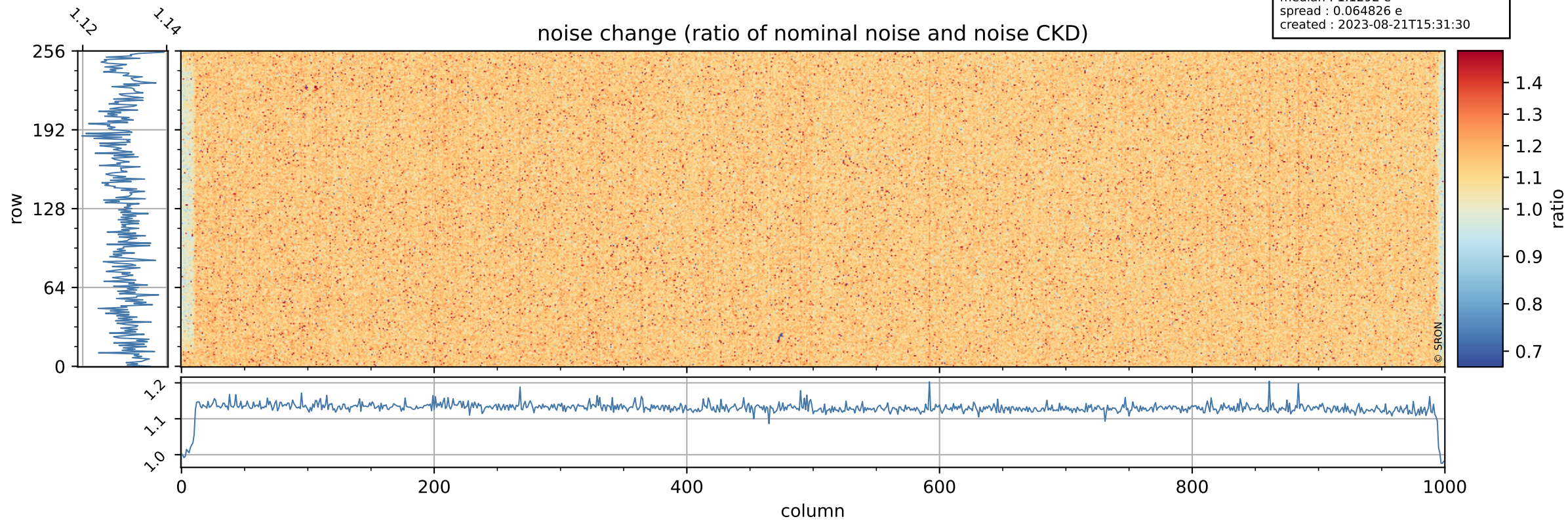
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [13432, 13507]
coverage : 2020-05-16 / 2020-05-21
median : 1.0025 e
spread : 0.0089913 e
created : 2023-08-21T15:31:29



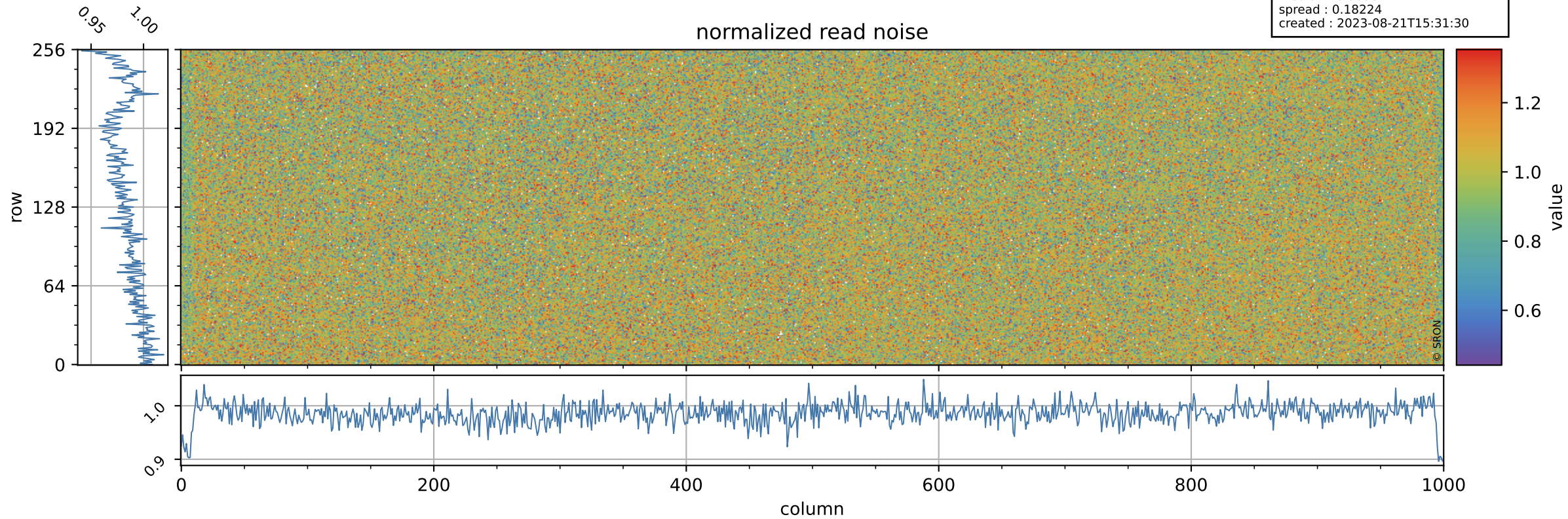
Tropomi SWIR background noise (swir)

orbits : 11 in [13432, 13507]
coverage : 2020-05-16 / 2020-05-21
median : 1.1292 e
spread : 0.064826 e
created : 2023-08-21T15:31:30



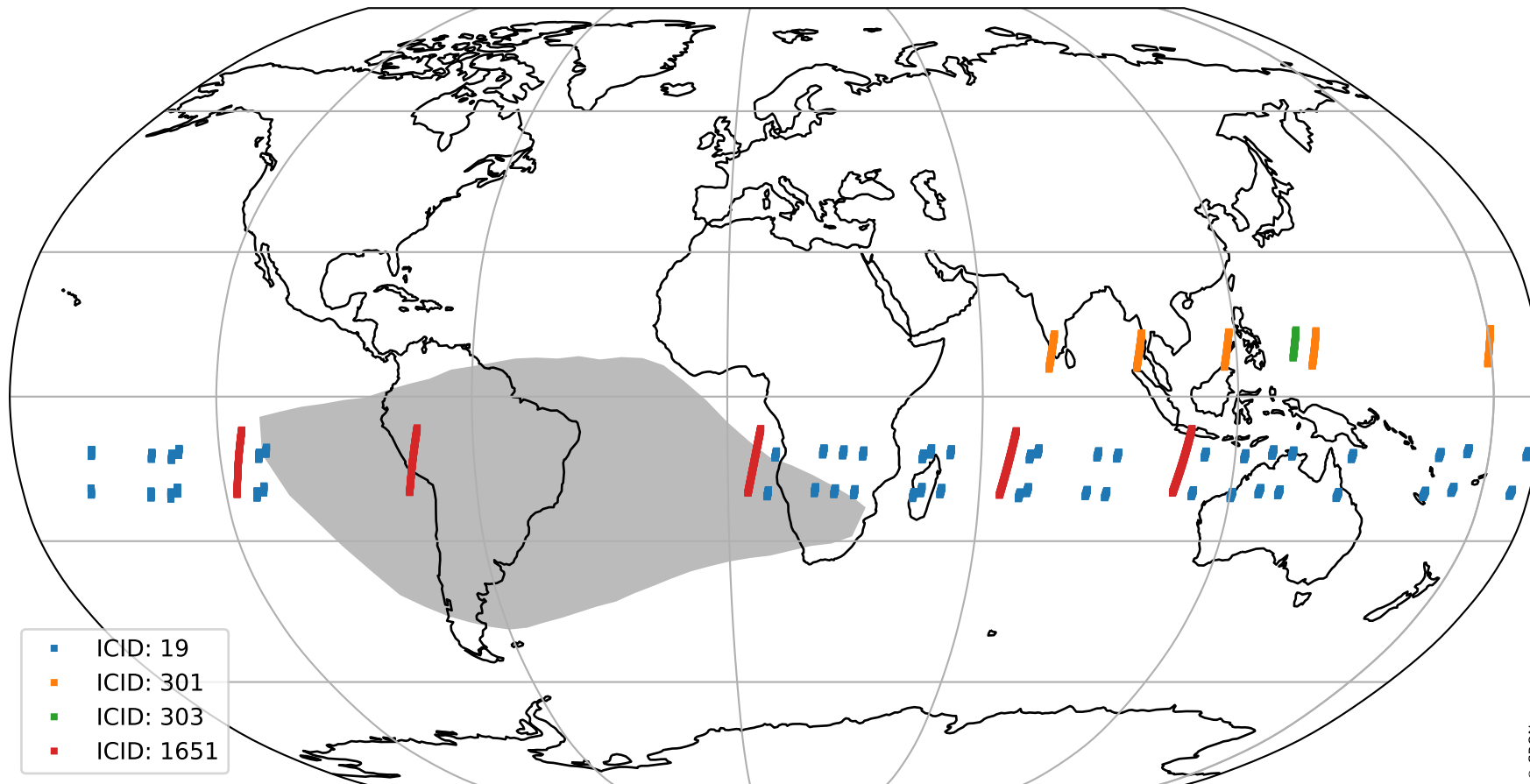
Tropomi SWIR background noise (swir)

orbits : 11 in [13432, 13507]
coverage : 2020-05-16 / 2020-05-21
median : 0.9838
spread : 0.18224
created : 2023-08-21T15:31:30



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

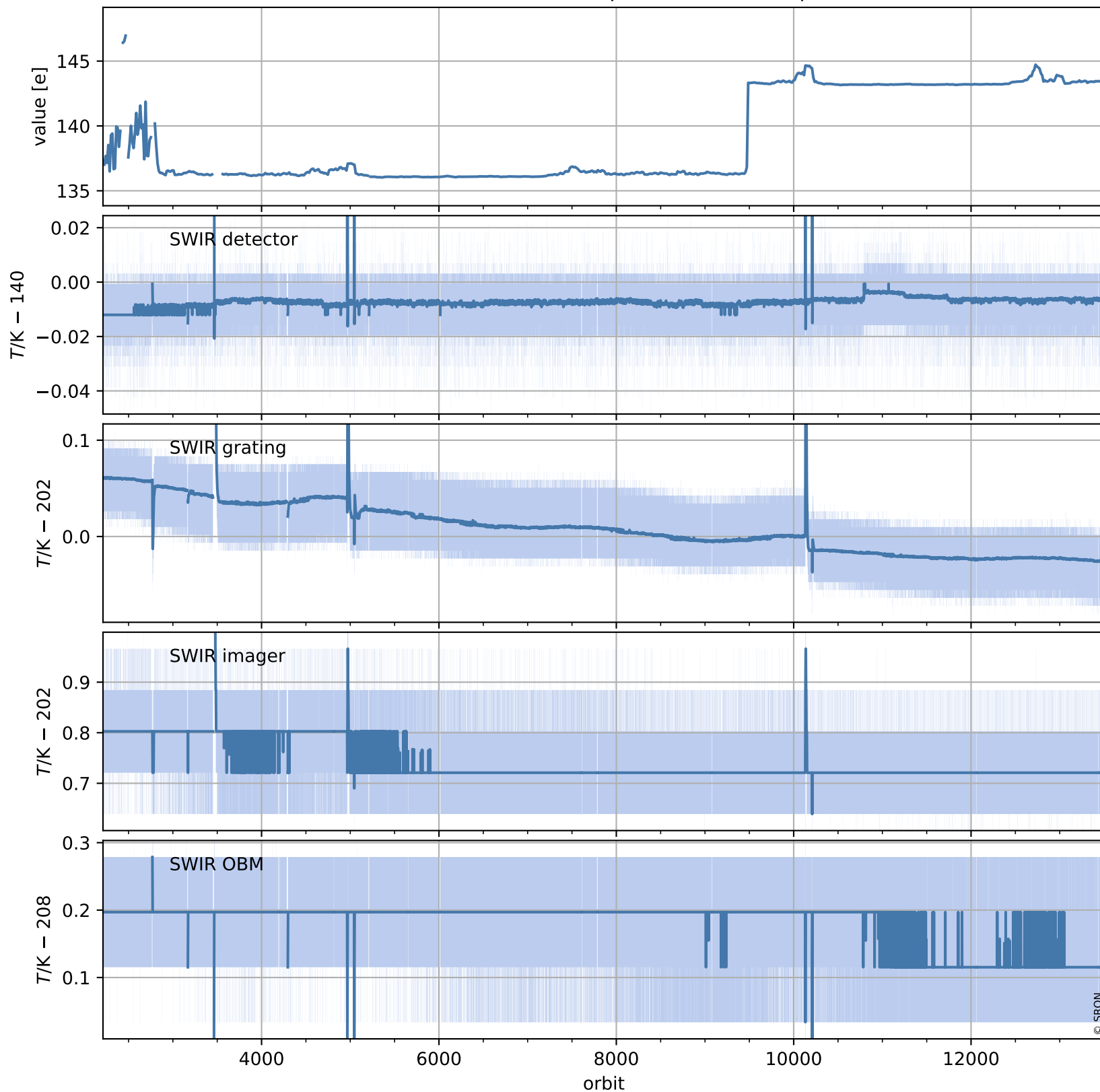
orbits : 11 in [13432, 13507]
coverage : 2020-05-16 / 2020-05-21
created : 2023-08-21T15:31:30



Tropomi SWIR background noise (swir)

orbits : [2212, 13507]
coverage : 2018-03-18 / 2020-05-21
created : 2023-08-21T15:31:30

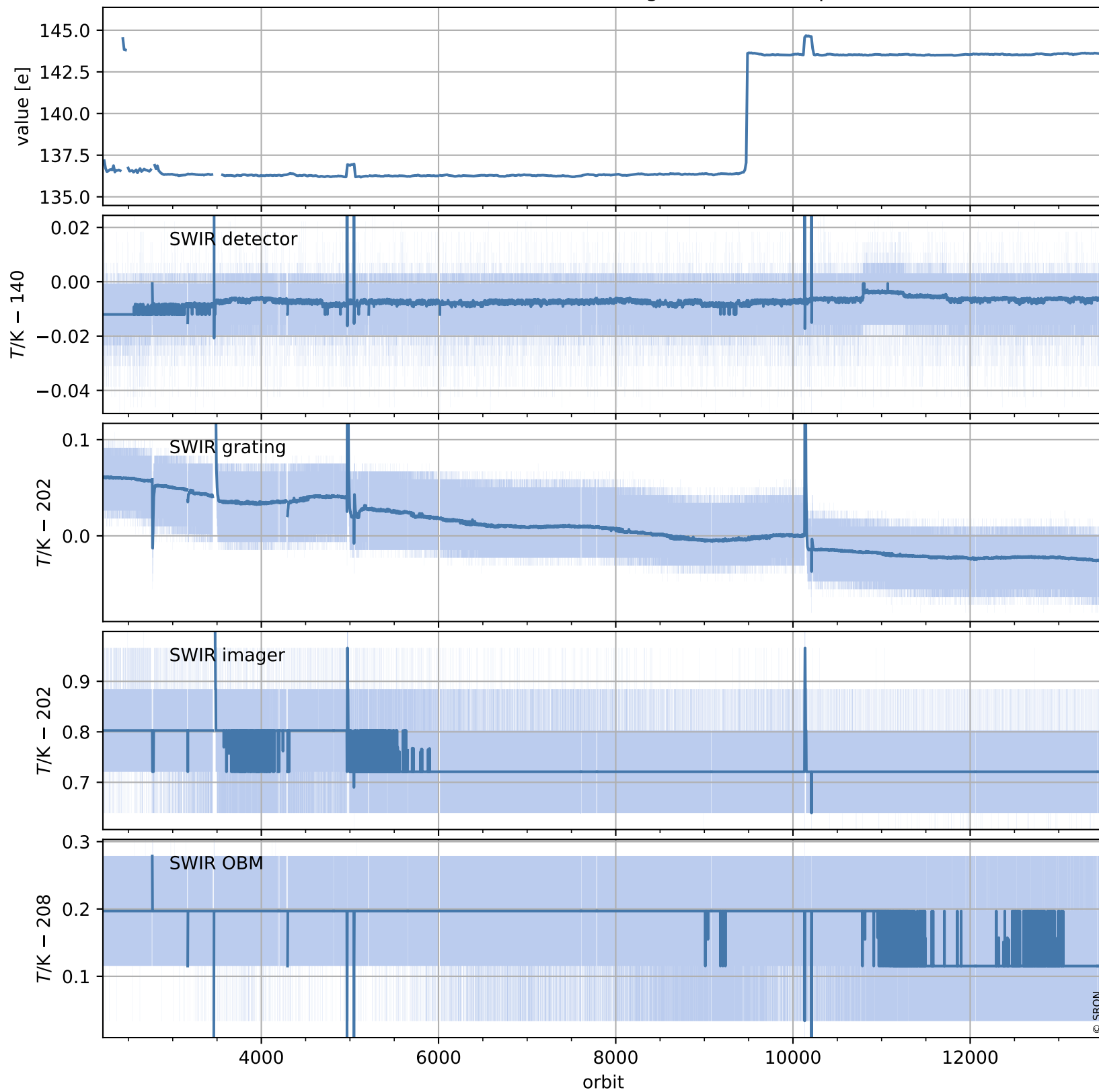
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13507]
coverage : 2018-03-18 / 2020-05-21
created : 2023-08-21T15:31:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13507]
coverage : 2018-03-18 / 2020-05-21
created : 2023-08-21T15:31:32

trend of normalized read-noise & temperatures

