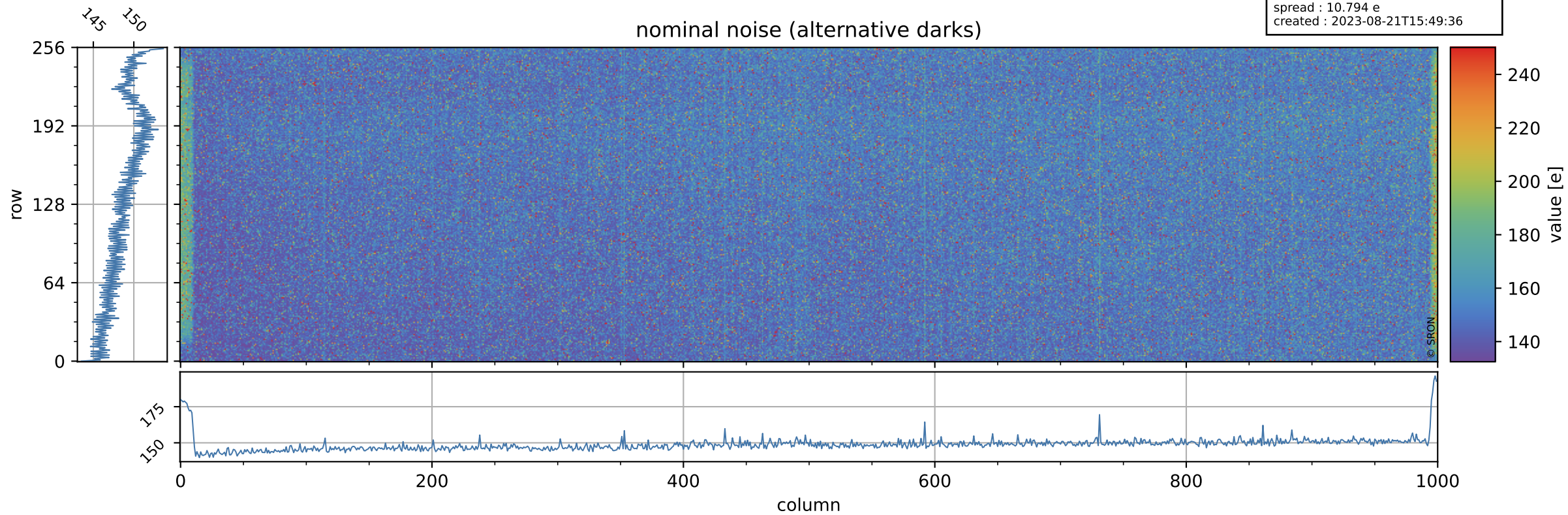


Tropomi SWIR background noise (swir)

orbits : 12 in [16687, 16777]
coverage : 2021-01-01 / 2021-01-07
n_coad, t_exp : 1, 1.0783
median : 148.66 e
spread : 10.794 e
created : 2023-08-21T15:49:36

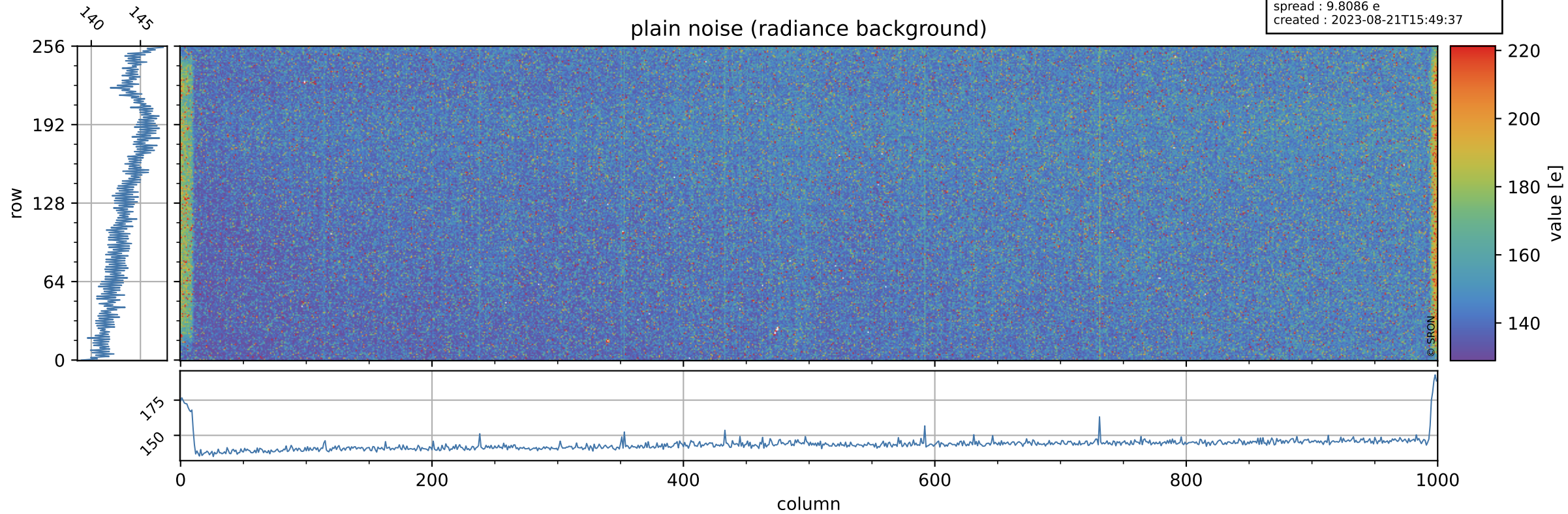
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16687, 16777]
coverage : 2021-01-01 / 2021-01-07
n_coad, t_exp : 1, 0.8383
median : 143.45 e
spread : 9.8086 e
created : 2023-08-21T15:49:37

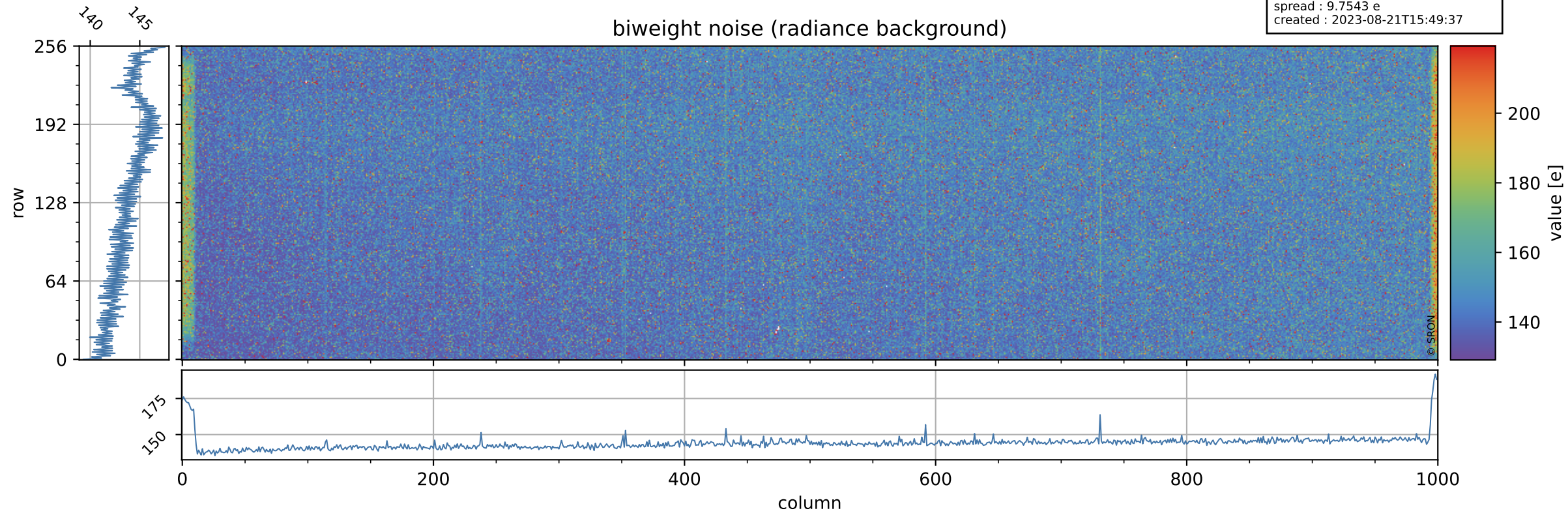
plain noise (radiance background)



Tropomi SWIR background noise (swir)

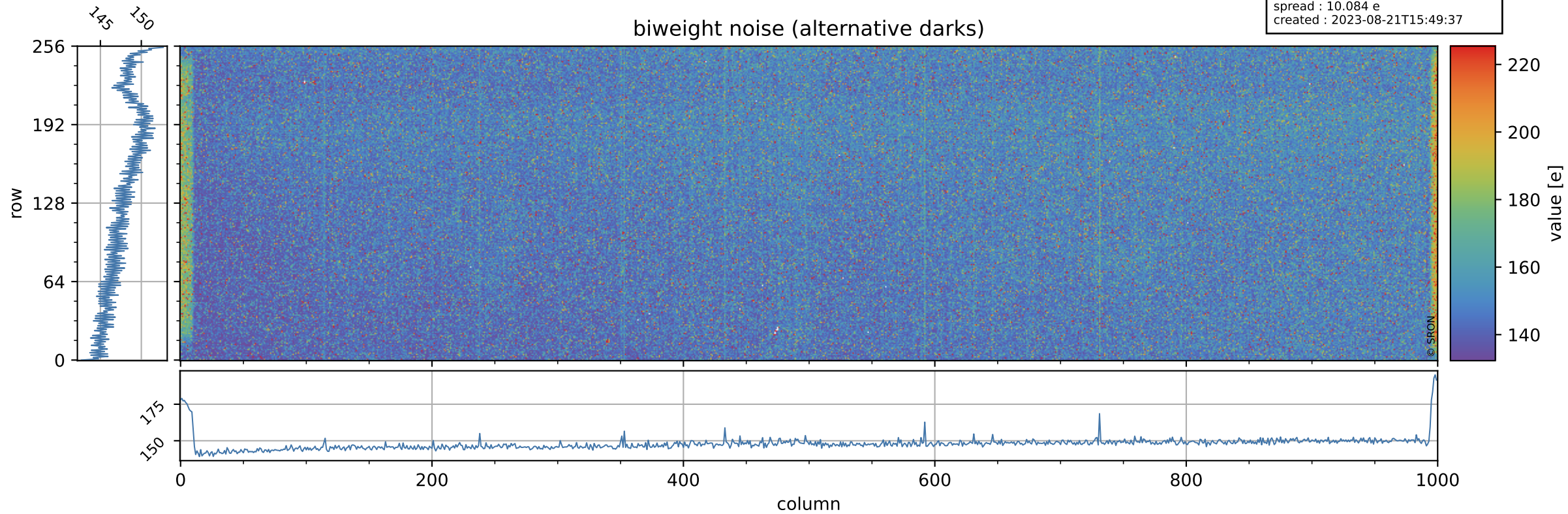
orbits : 12 in [16687, 16777]
coverage : 2021-01-01 / 2021-01-07
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7543 e
created : 2023-08-21T15:49:37

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

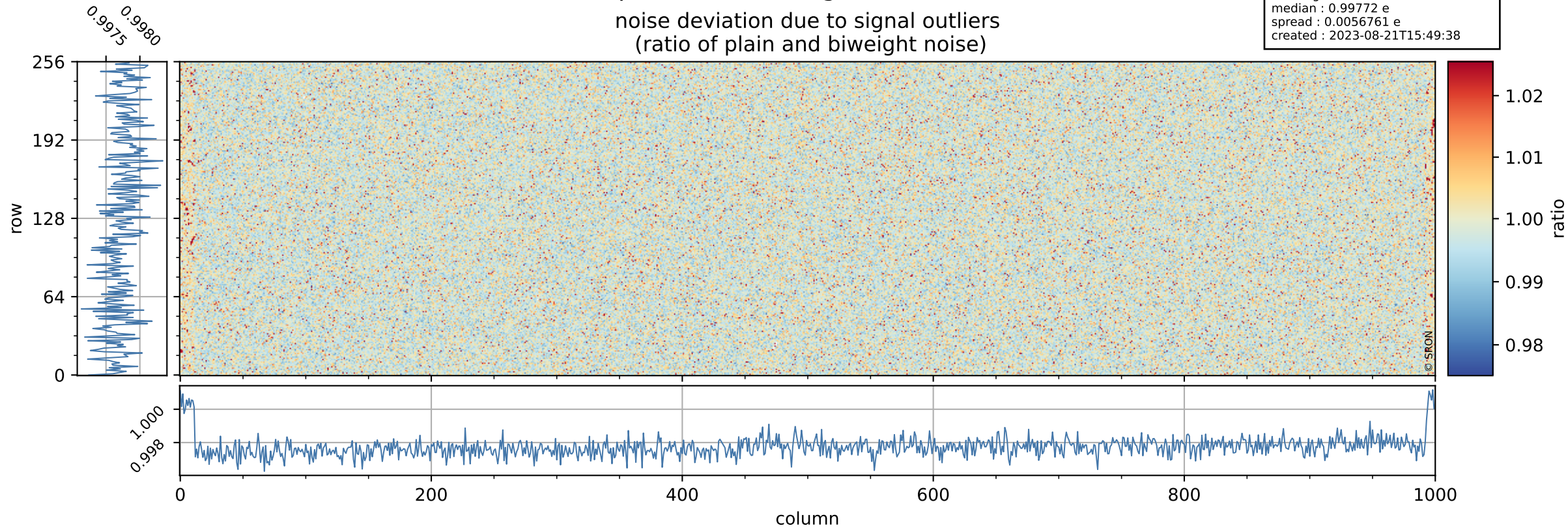
orbits : 12 in [16687, 16777]
coverage : 2021-01-01 / 2021-01-07
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.084 e
created : 2023-08-21T15:49:37



Tropomi SWIR background noise (swir)

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

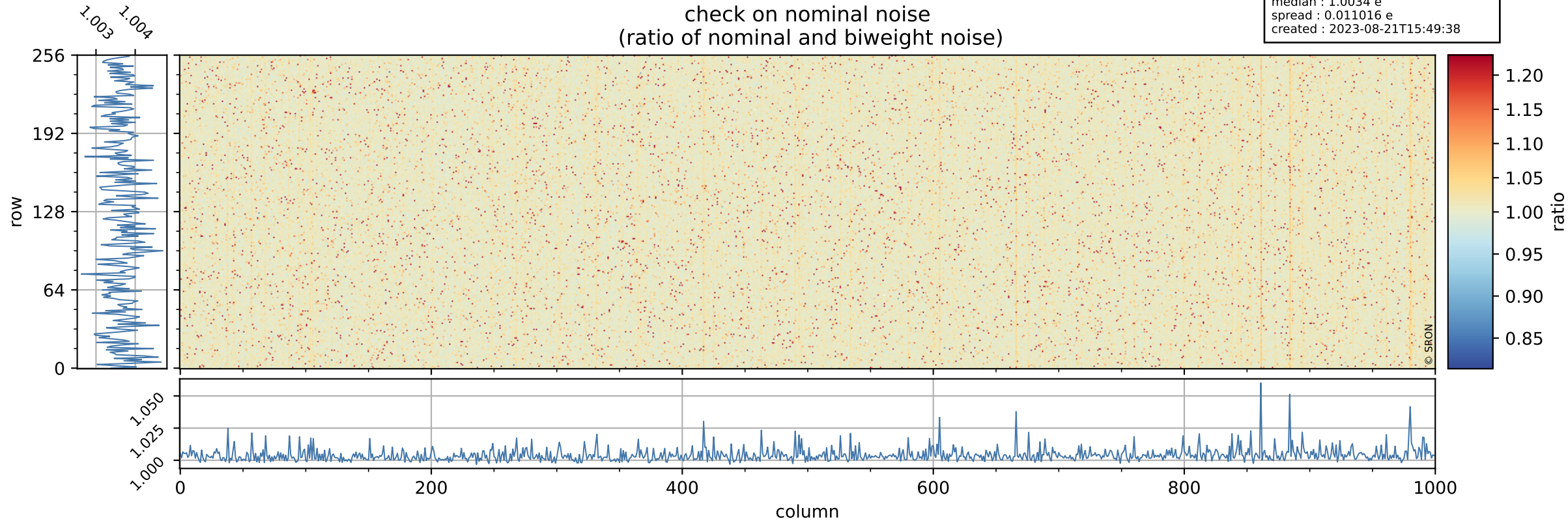
orbits : 12 in [16687, 16777]
coverage : 2021-01-01 / 2021-01-07
median : 0.99772 e
spread : 0.0056761 e
created : 2023-08-21T15:49:38



Tropomi SWIR background noise (swir)

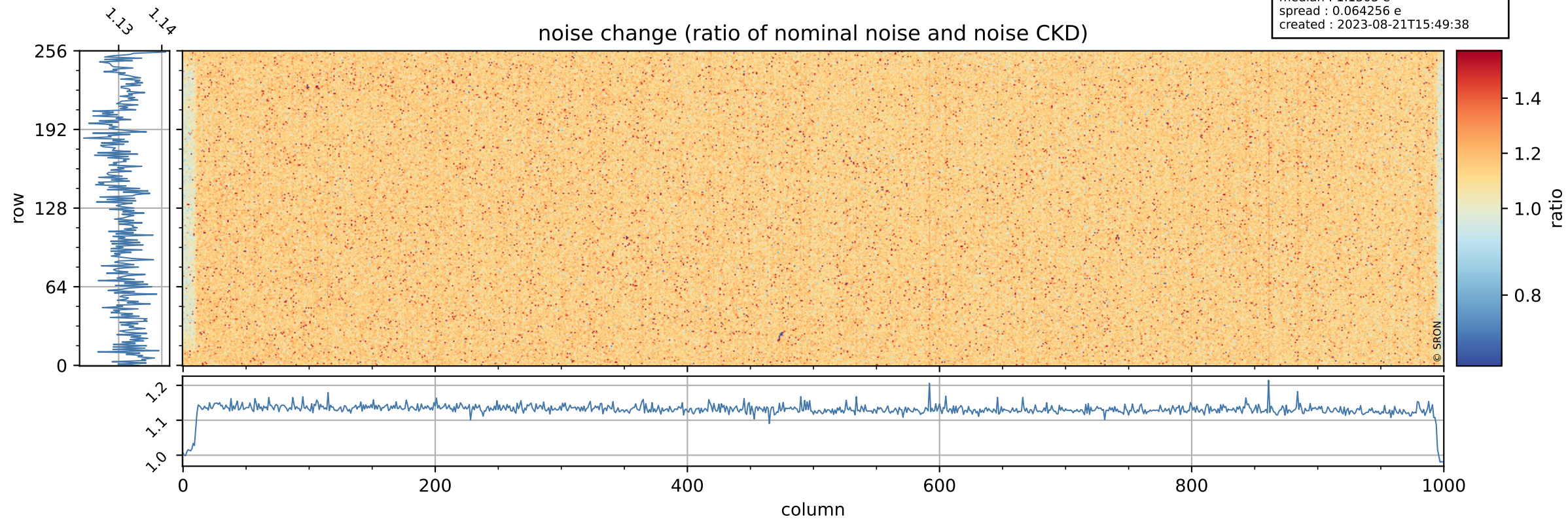
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16687, 16777]
coverage : 2021-01-01 / 2021-01-07
median : 1.0034 e
spread : 0.011016 e
created : 2023-08-21T15:49:38



Tropomi SWIR background noise (swir)

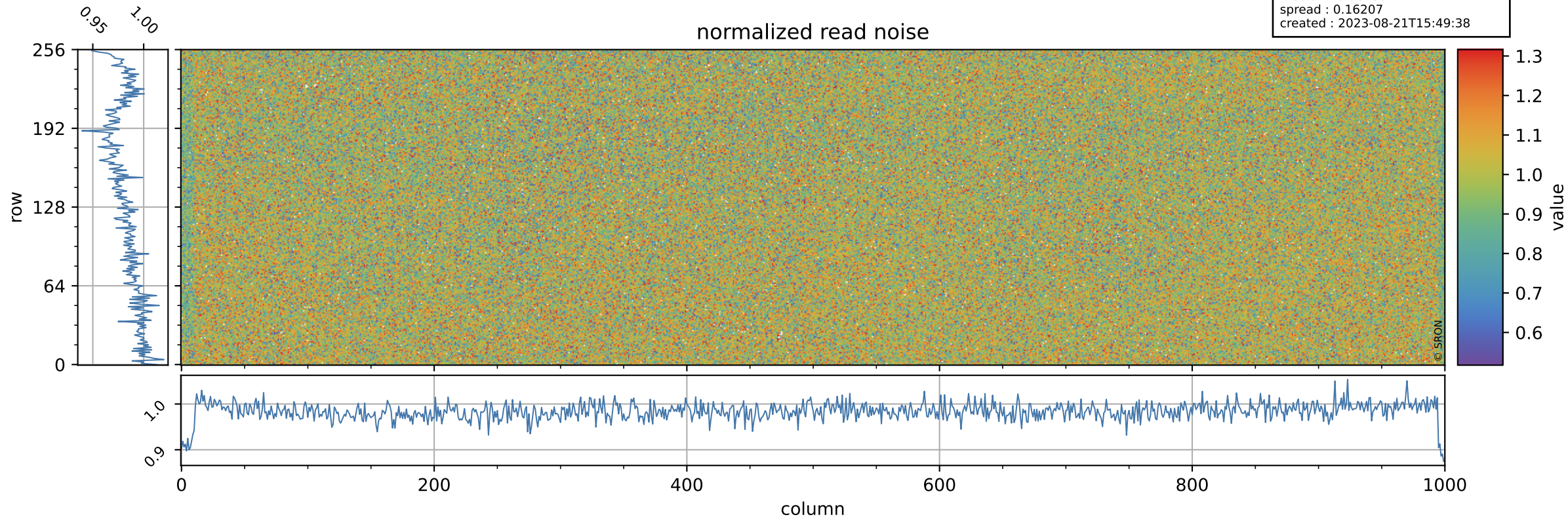
orbits : 12 in [16687, 16777]
coverage : 2021-01-01 / 2021-01-07
median : 1.1303 e
spread : 0.064256 e
created : 2023-08-21T15:49:38



Tropomi SWIR background noise (swir)

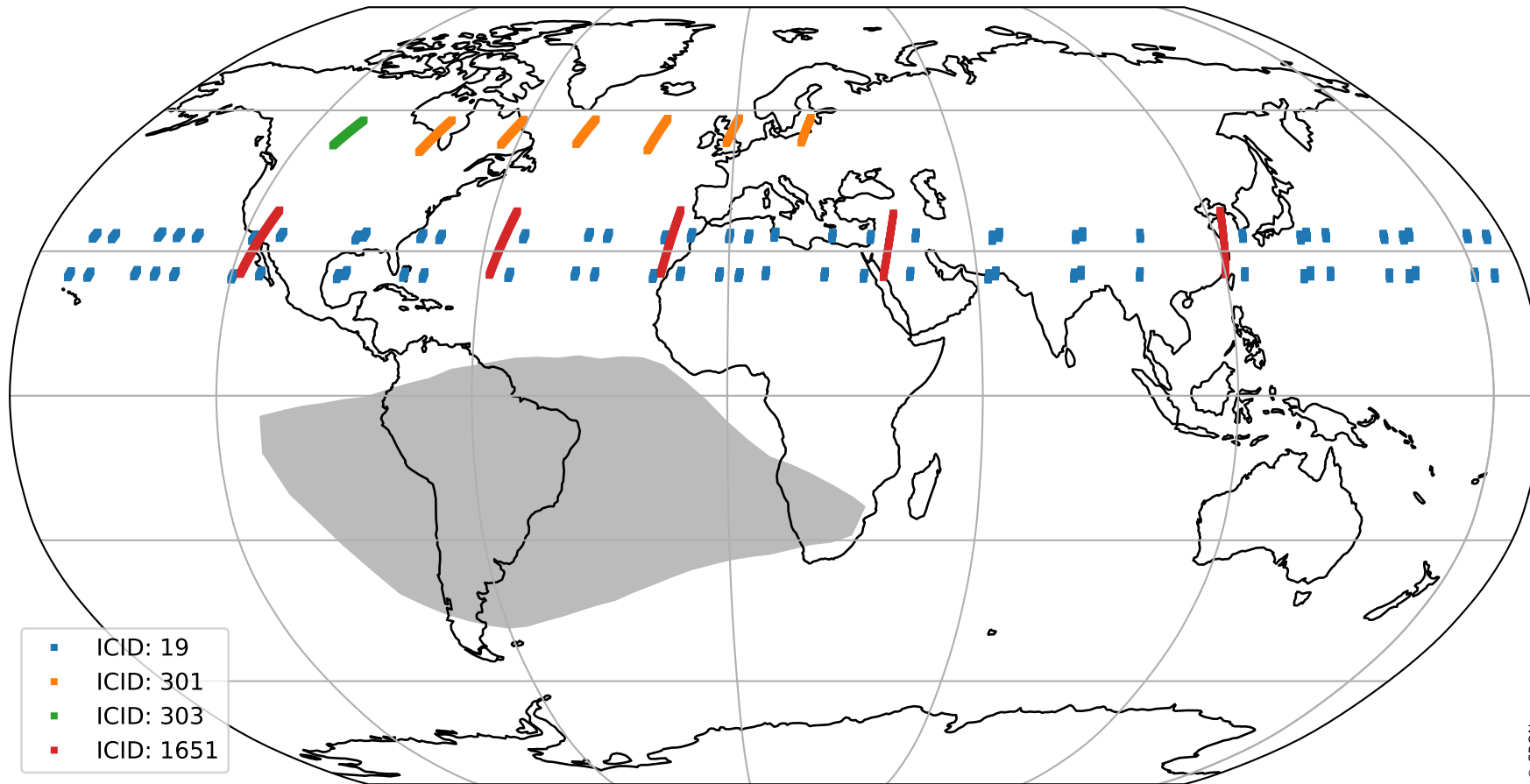
orbits : 12 in [16687, 16777]
coverage : 2021-01-01 / 2021-01-07
median : 0.98259
spread : 0.16207
created : 2023-08-21T15:49:38

normalized read noise



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

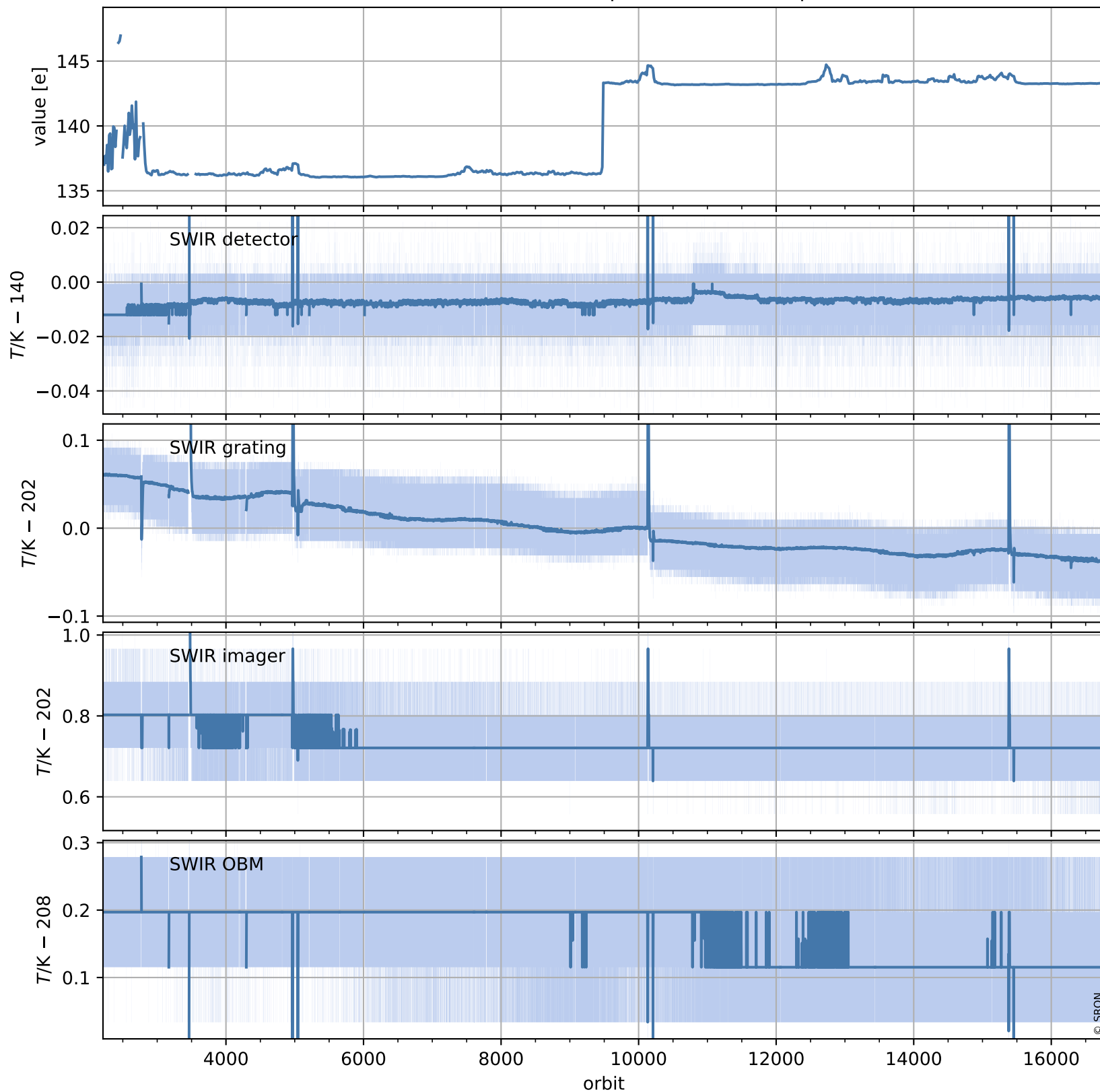
orbits : 12 in [16687, 16777]
coverage : 2021-01-01 / 2021-01-07
created : 2023-08-21T15:49:39



Tropomi SWIR background noise (swir)

orbits : [2212, 16777]
coverage : 2018-03-18 / 2021-01-07
created : 2023-08-21T15:49:39

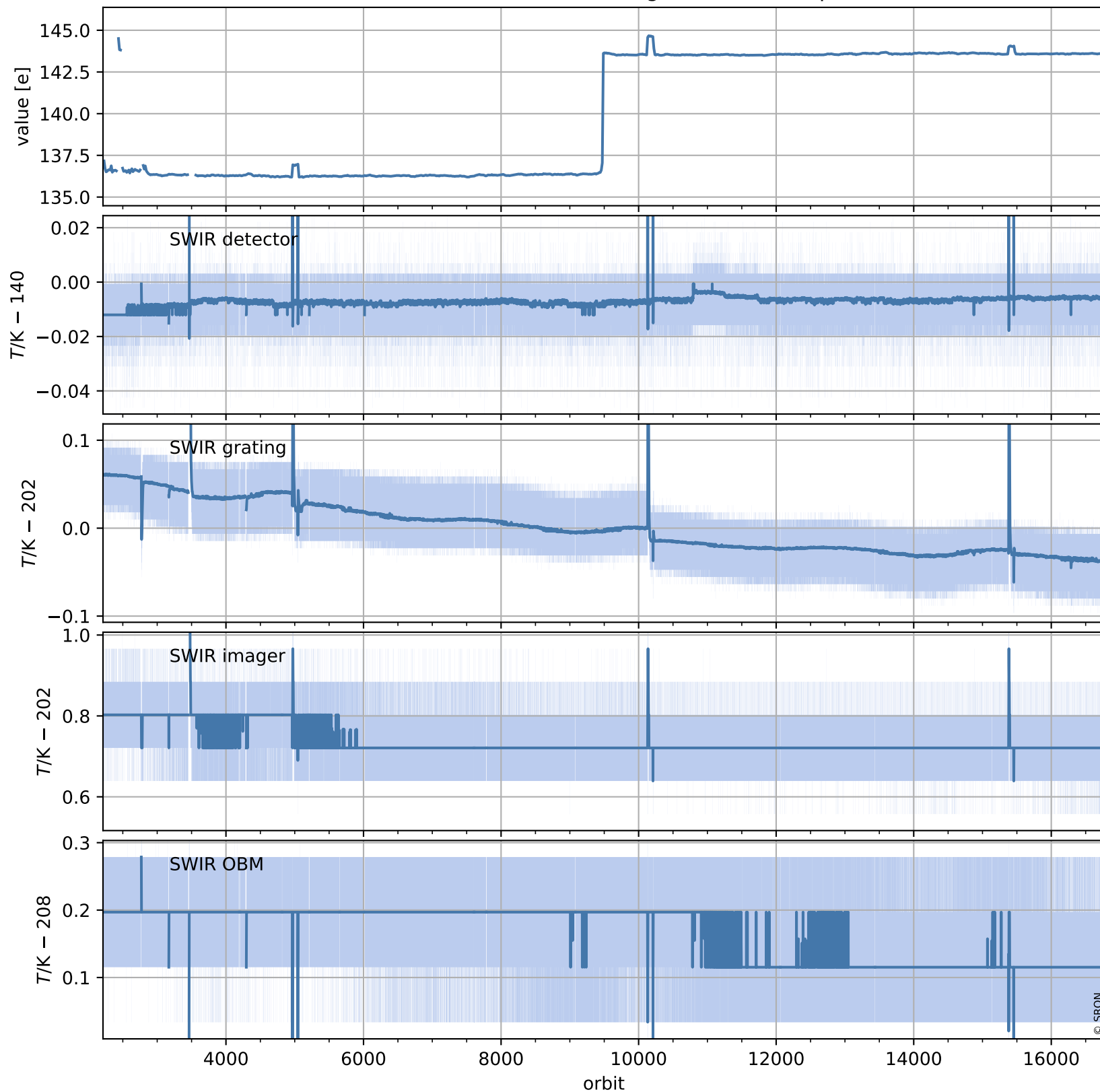
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16777]
coverage : 2018-03-18 / 2021-01-07
created : 2023-08-21T15:49:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16777]
coverage : 2018-03-18 / 2021-01-07
created : 2023-08-21T15:49:40

trend of normalized read-noise & temperatures

