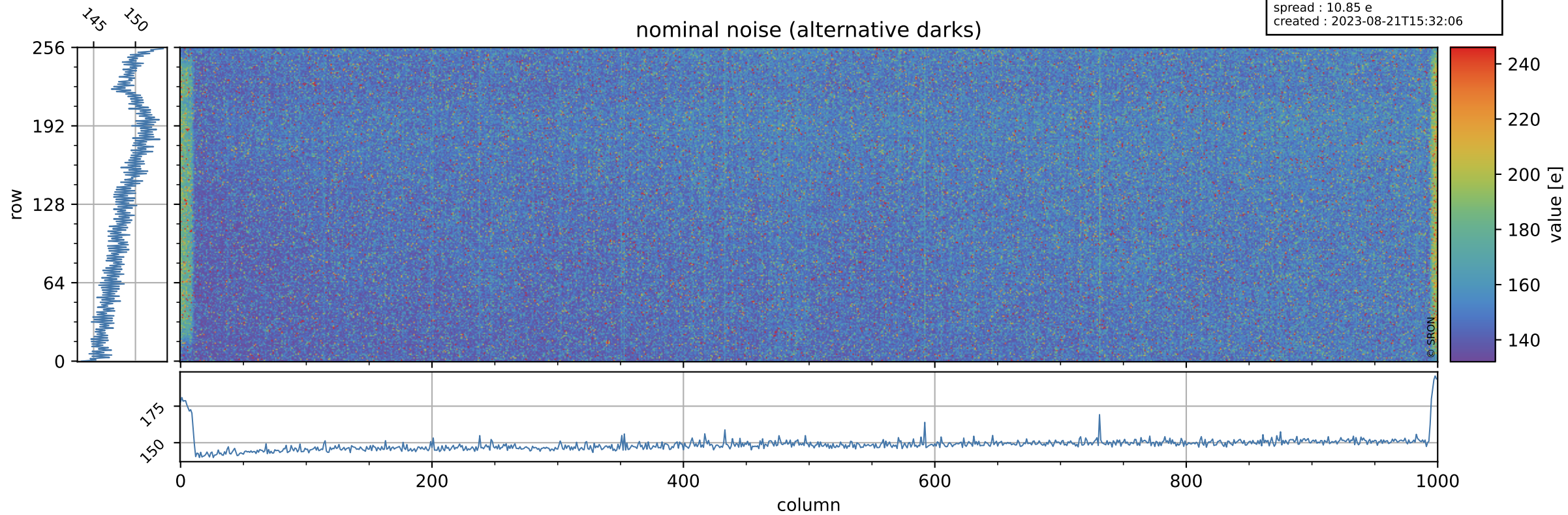


Tropomi SWIR background noise (swir)

orbits : 12 in [13537, 13627]
coverage : 2020-05-24 / 2020-05-30
n_coad, t_exp : 1, 1.0783
median : 148.58 e
spread : 10.85 e
created : 2023-08-21T15:32:06

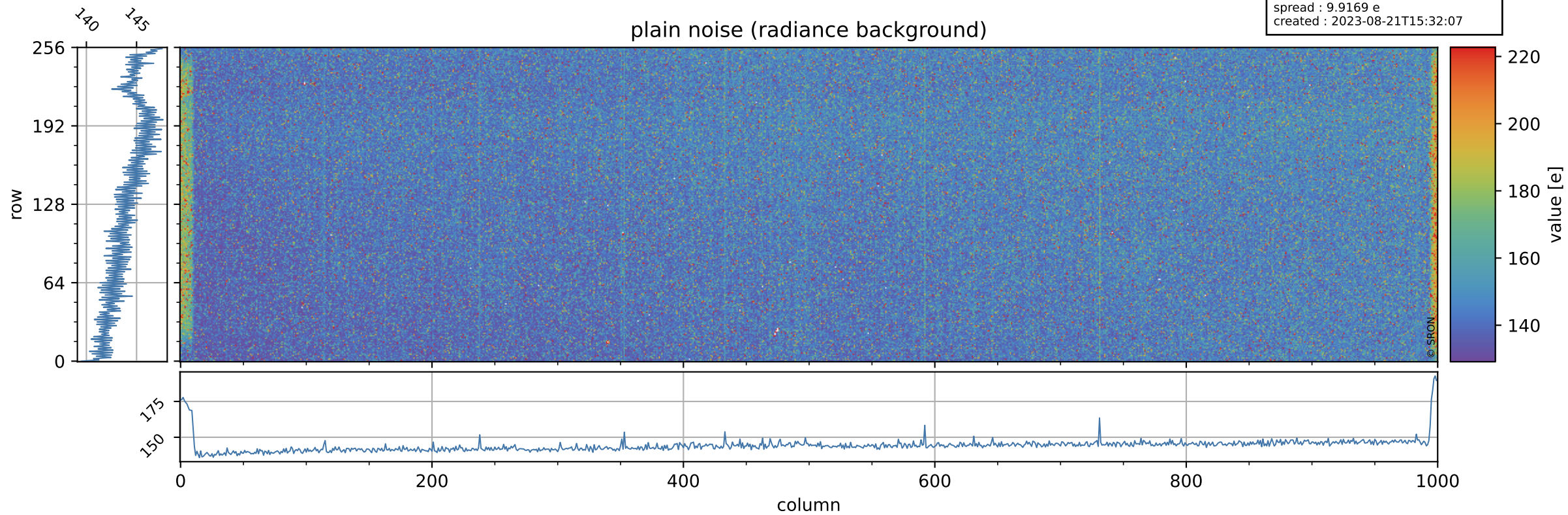
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13537, 13627]
coverage : 2020-05-24 / 2020-05-30
n_coad, t_exp : 1, 0.8383
median : 143.99 e
spread : 9.9169 e
created : 2023-08-21T15:32:07

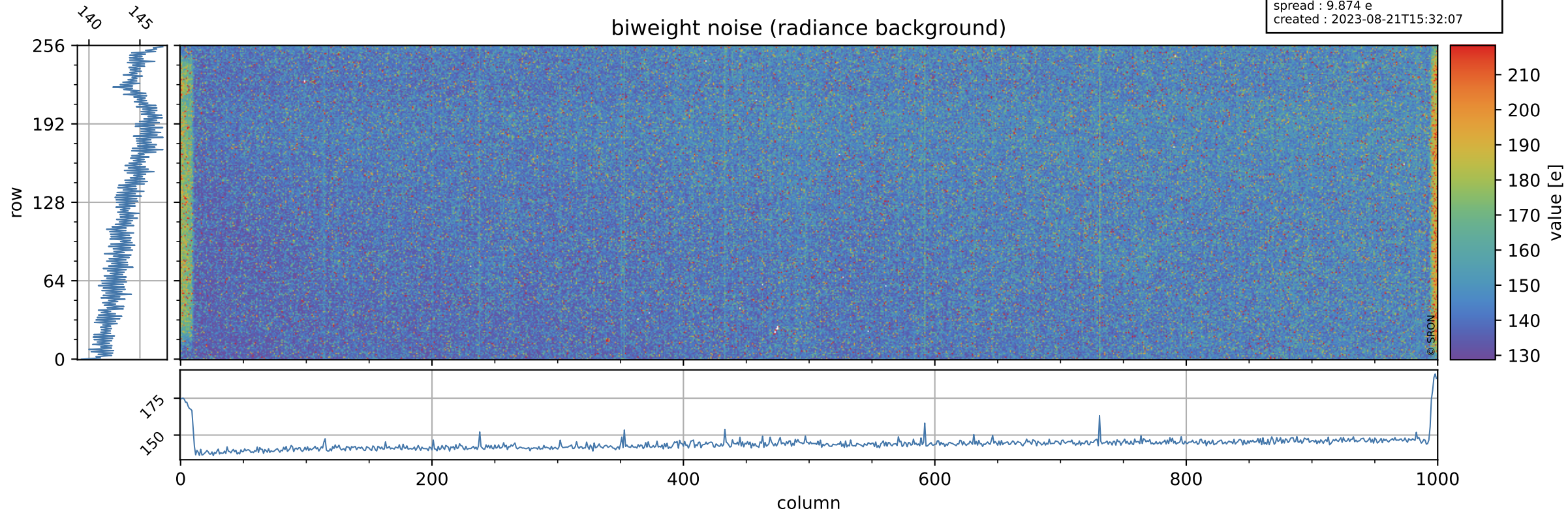
plain noise (radiance background)



Tropomi SWIR background noise (swir)

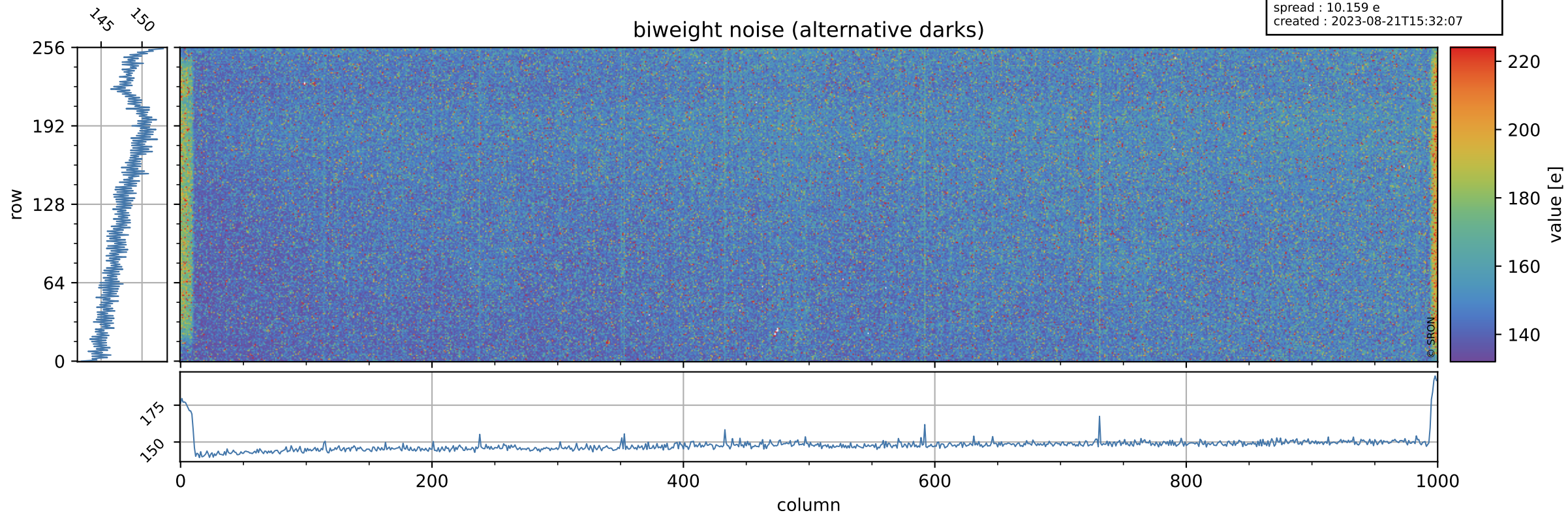
orbits : 12 in [13537, 13627]
coverage : 2020-05-24 / 2020-05-30
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.874 e
created : 2023-08-21T15:32:07

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

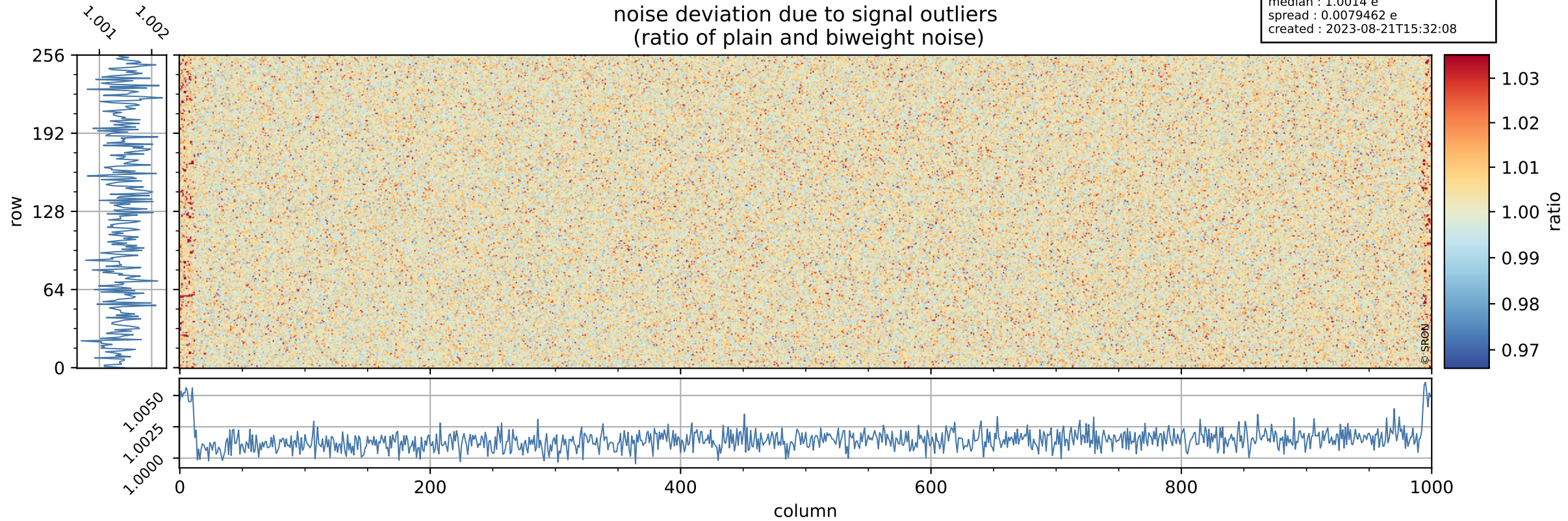
orbits : 12 in [13537, 13627]
coverage : 2020-05-24 / 2020-05-30
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.159 e
created : 2023-08-21T15:32:07



Tropomi SWIR background noise (swir)

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

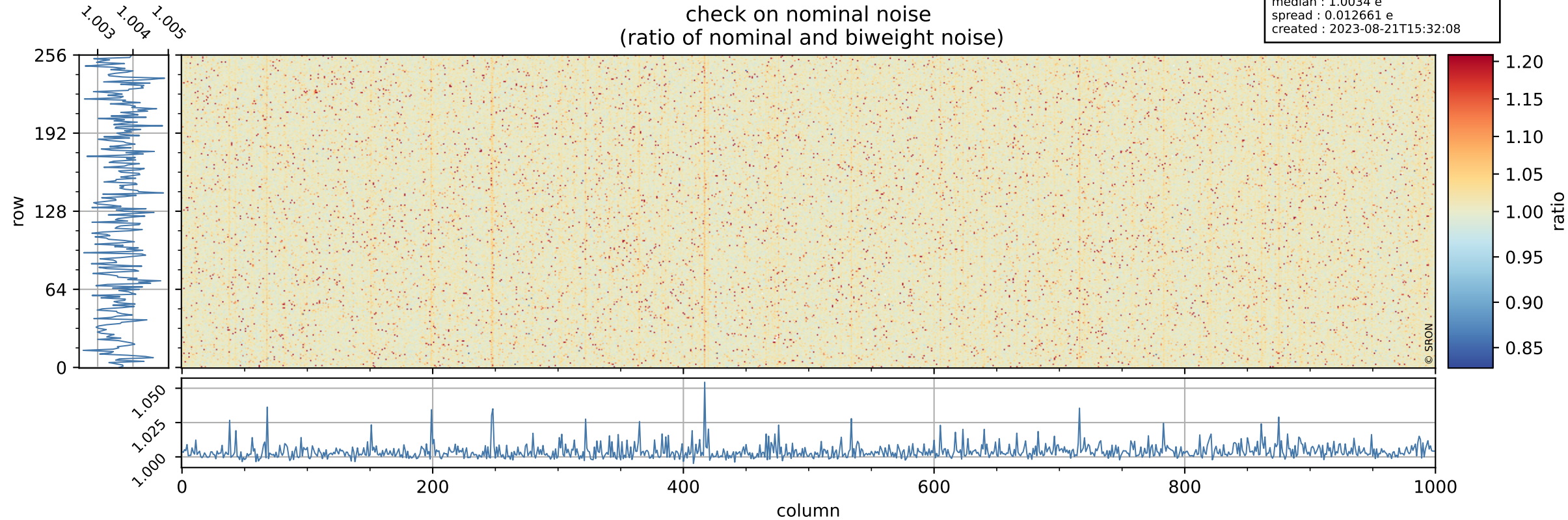
orbits : 12 in [13537, 13627]
coverage : 2020-05-24 / 2020-05-30
median : 1.0014 e
spread : 0.0079462 e
created : 2023-08-21T15:32:08



Tropomi SWIR background noise (swir)

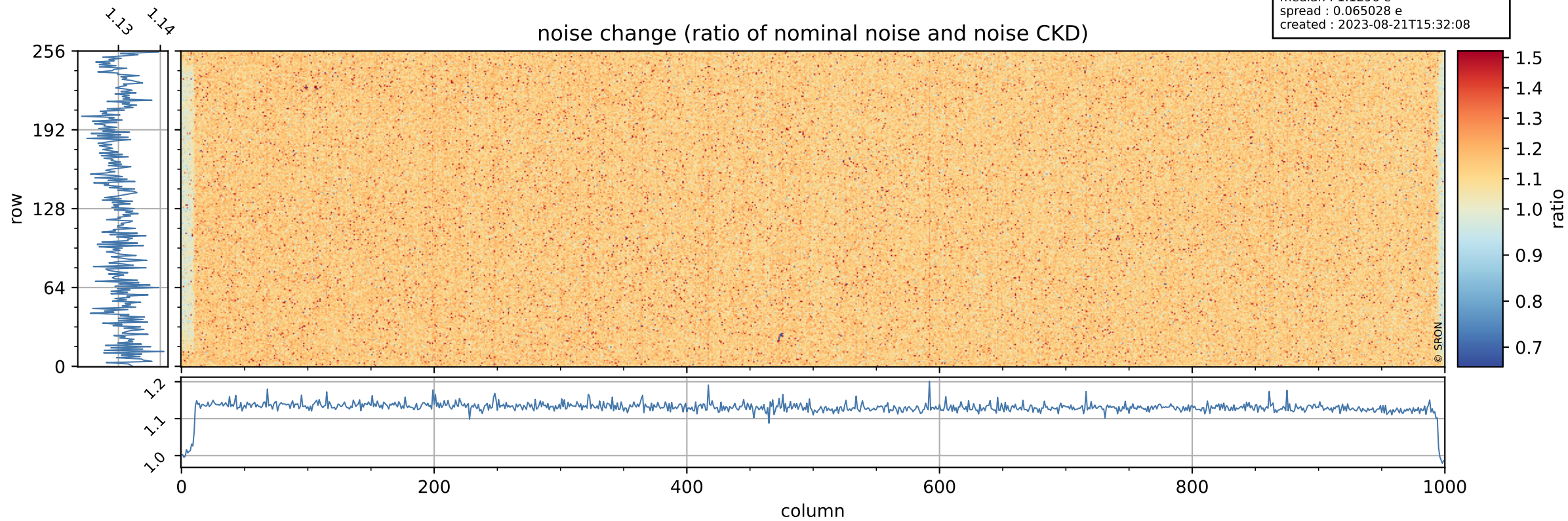
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13537, 13627]
coverage : 2020-05-24 / 2020-05-30
median : 1.0034 e
spread : 0.012661 e
created : 2023-08-21T15:32:08



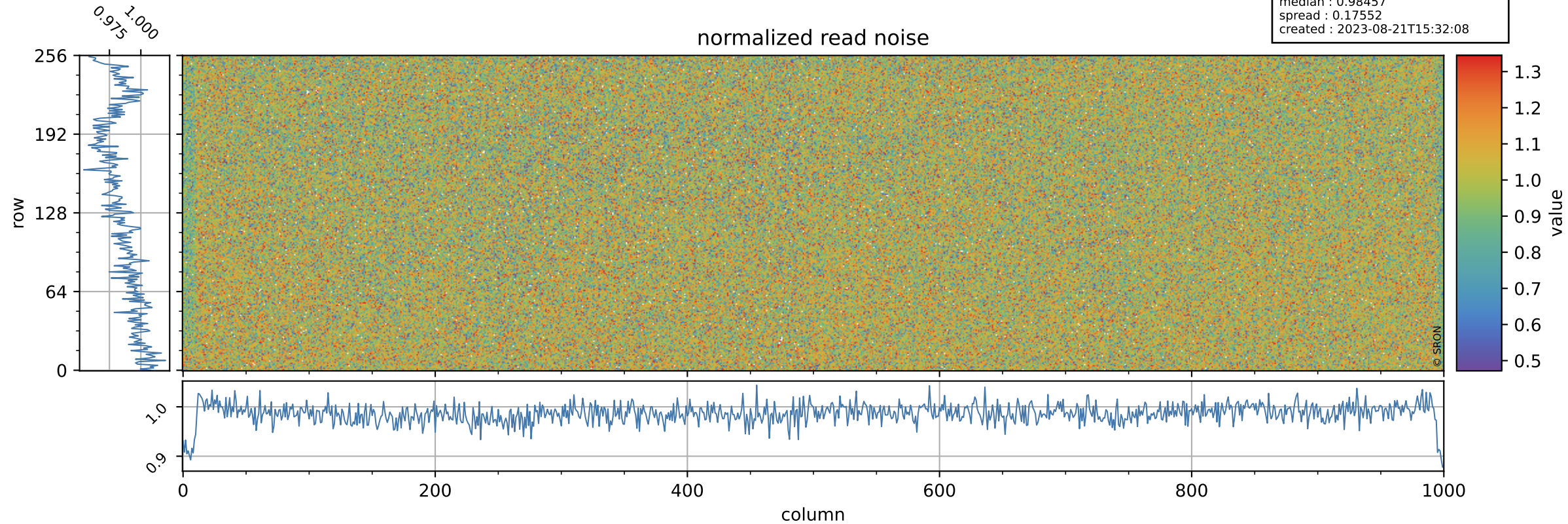
Tropomi SWIR background noise (swir)

orbits : 12 in [13537, 13627]
coverage : 2020-05-24 / 2020-05-30
median : 1.1296 e
spread : 0.065028 e
created : 2023-08-21T15:32:08



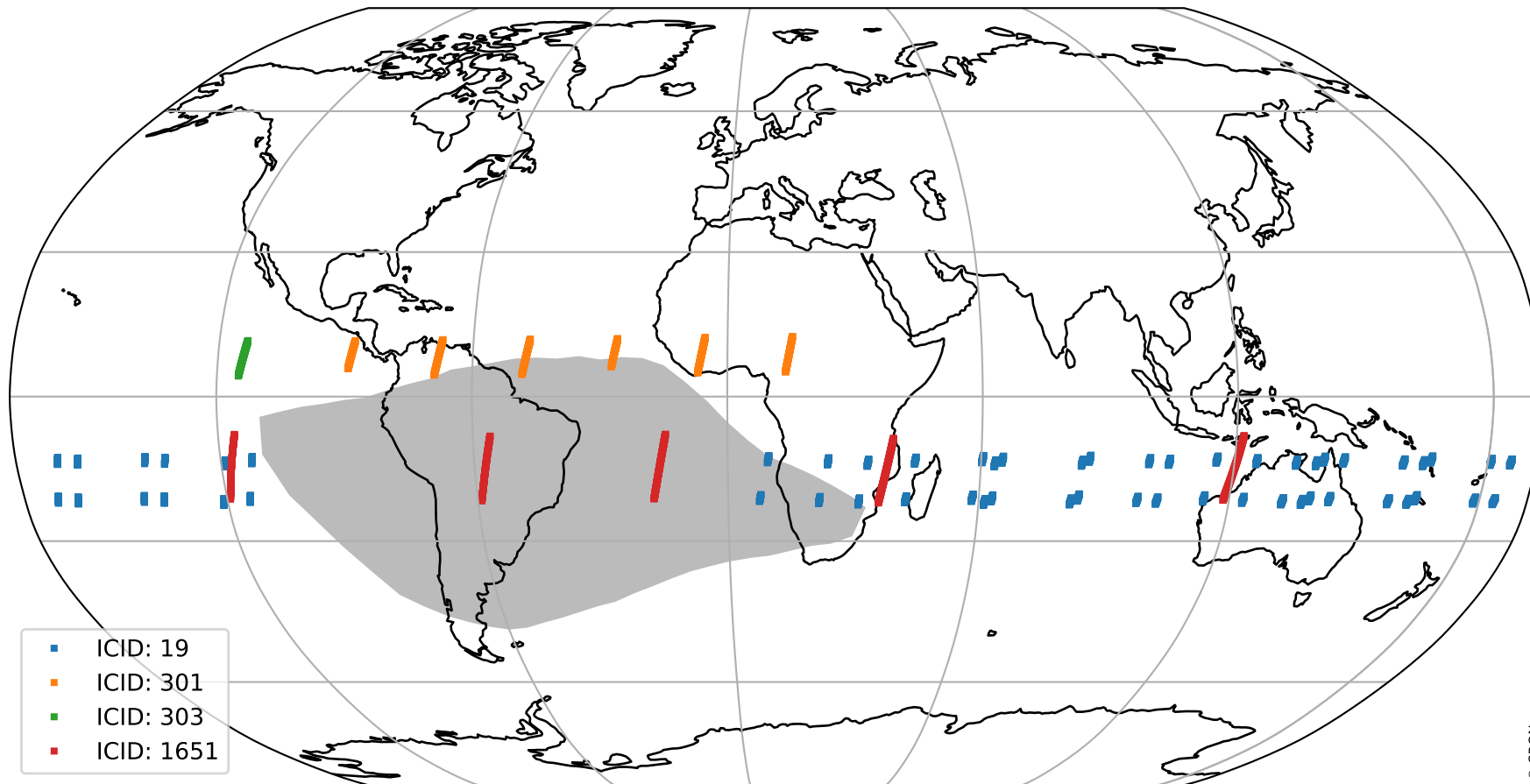
Tropomi SWIR background noise (swir)

orbits : 12 in [13537, 13627]
coverage : 2020-05-24 / 2020-05-30
median : 0.98457
spread : 0.17552
created : 2023-08-21T15:32:08



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

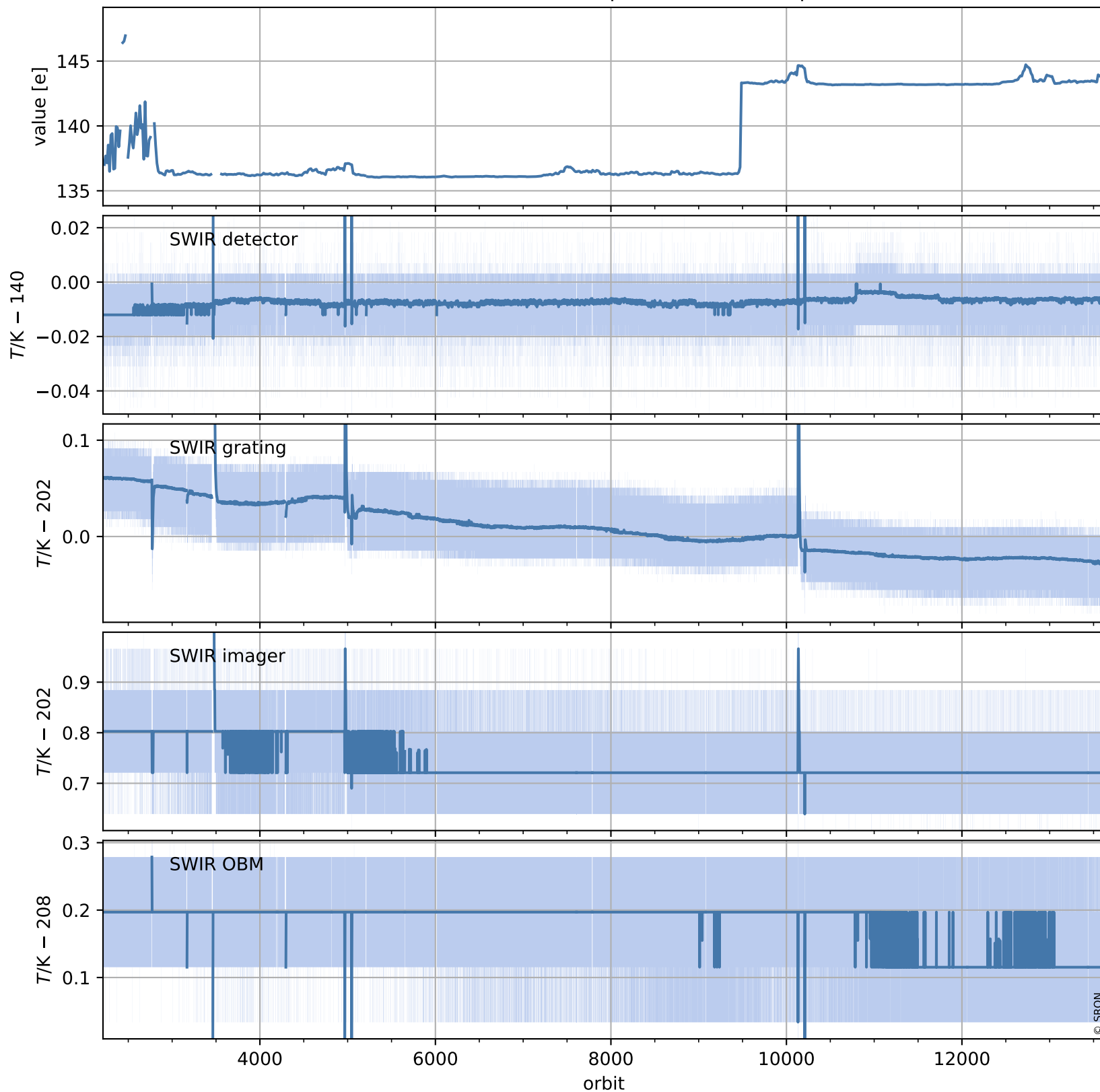
orbits : 12 in [13537, 13627]
coverage : 2020-05-24 / 2020-05-30
created : 2023-08-21T15:32:09



Tropomi SWIR background noise (swir)

orbits : [2212, 13627]
coverage : 2018-03-18 / 2020-05-30
created : 2023-08-21T15:32:09

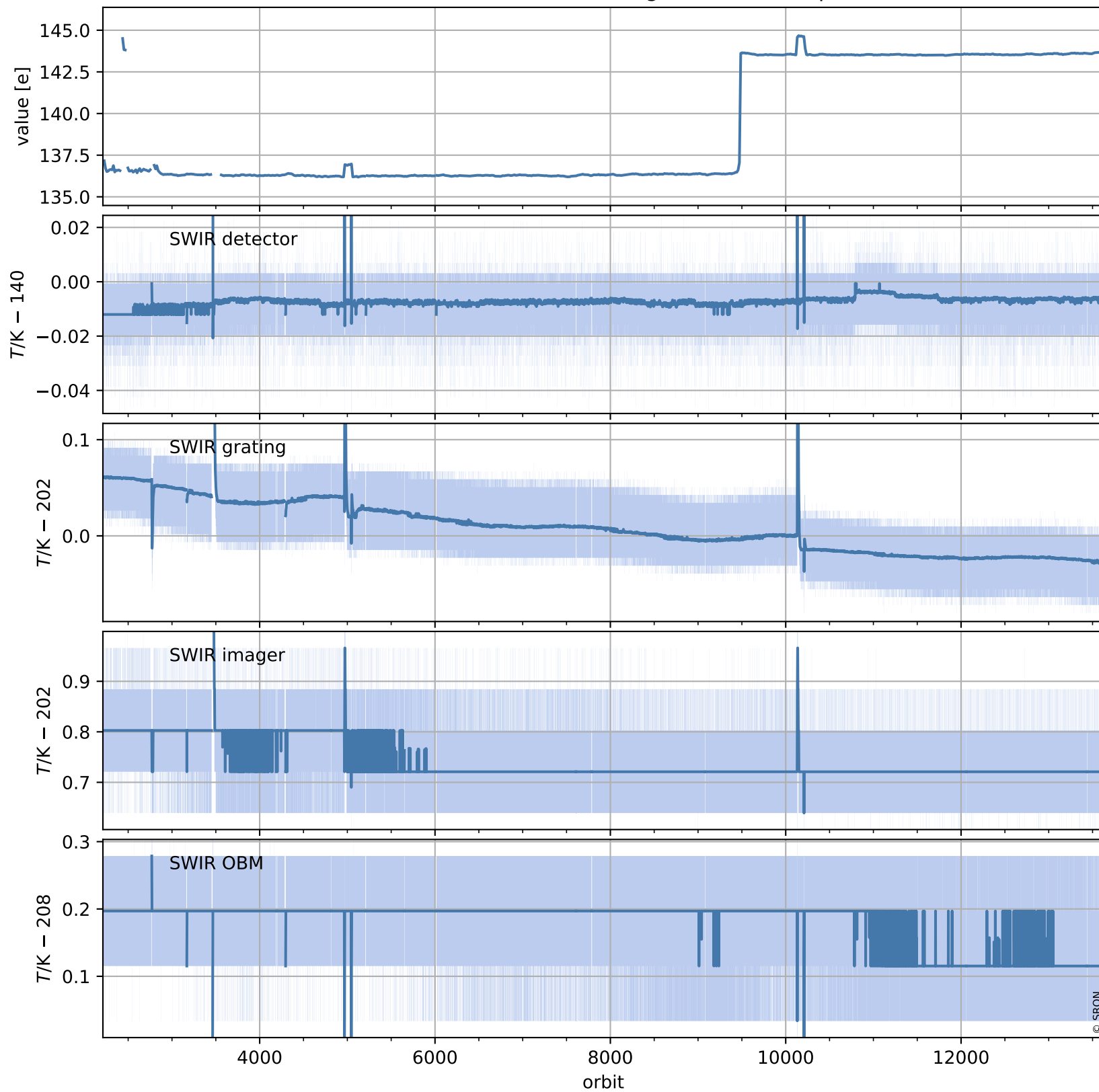
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13627]
coverage : 2018-03-18 / 2020-05-30
created : 2023-08-21T15:32:10

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13627]
coverage : 2018-03-18 / 2020-05-30
created : 2023-08-21T15:32:10

trend of normalized read-noise & temperatures

