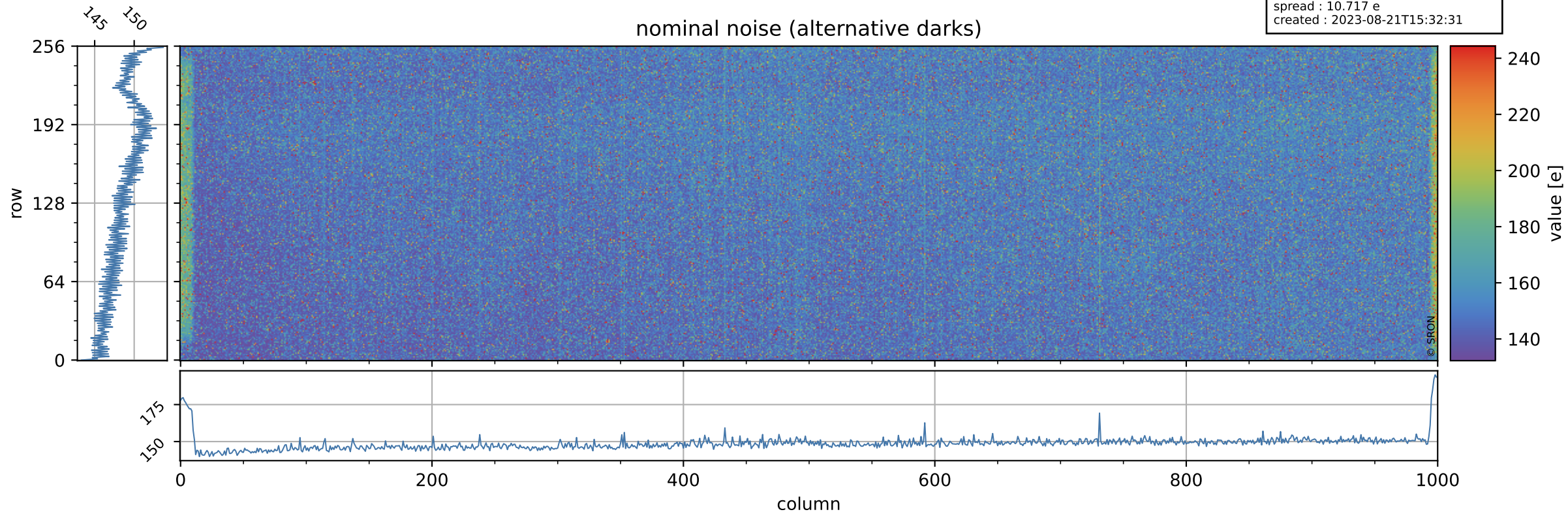


Tropomi SWIR background noise (swir)

orbits : 13 in [13627, 13702]
coverage : 2020-05-30 / 2020-06-04
n_coad, t_exp : 1, 1.0783
median : 148.49 e
spread : 10.717 e
created : 2023-08-21T15:32:31

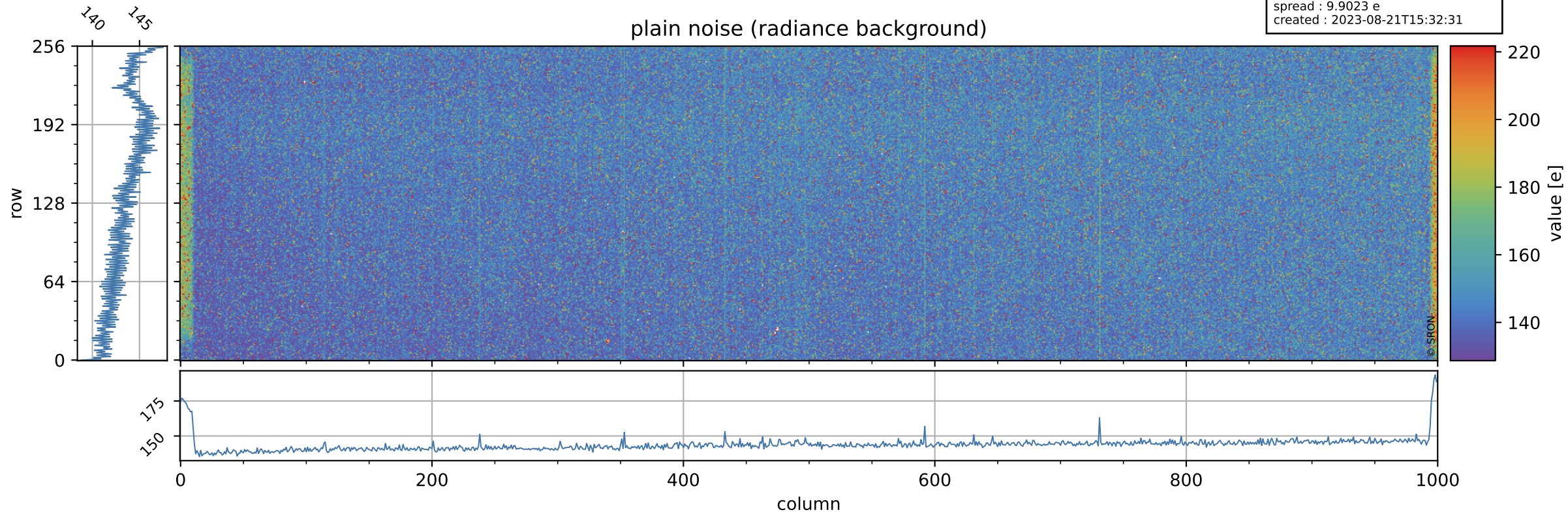
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [13627, 13702]
coverage : 2020-05-30 / 2020-06-04
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.9023 e
created : 2023-08-21T15:32:31

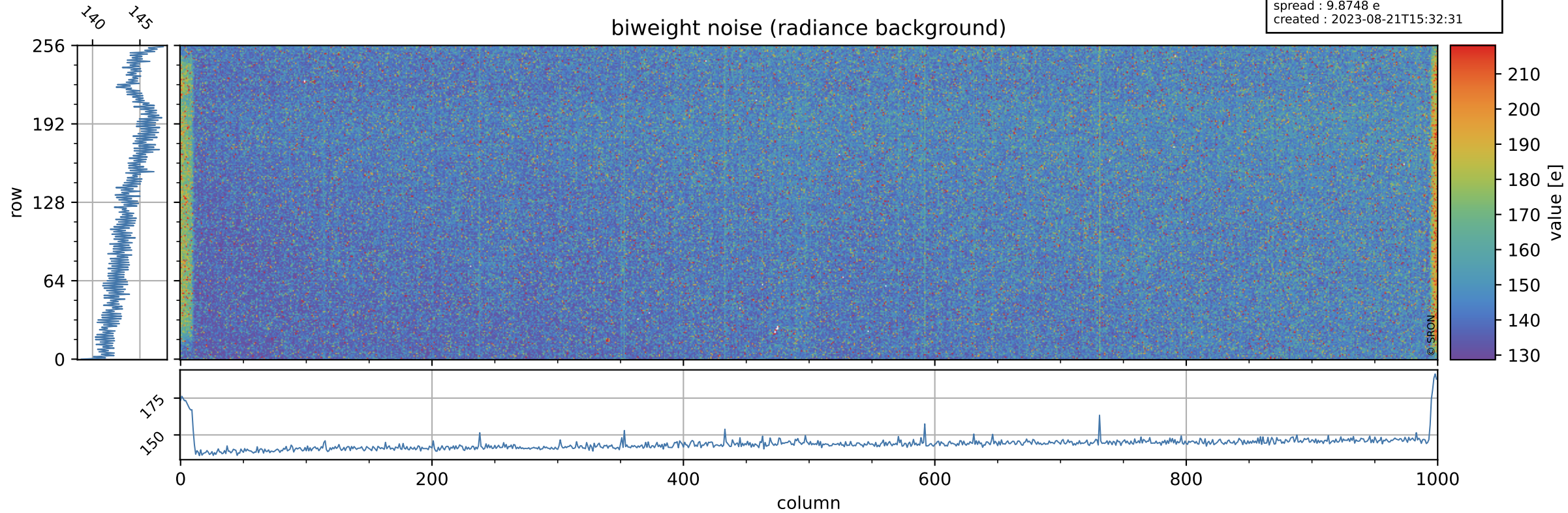
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [13627, 13702]
coverage : 2020-05-30 / 2020-06-04
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.8748 e
created : 2023-08-21T15:32:31

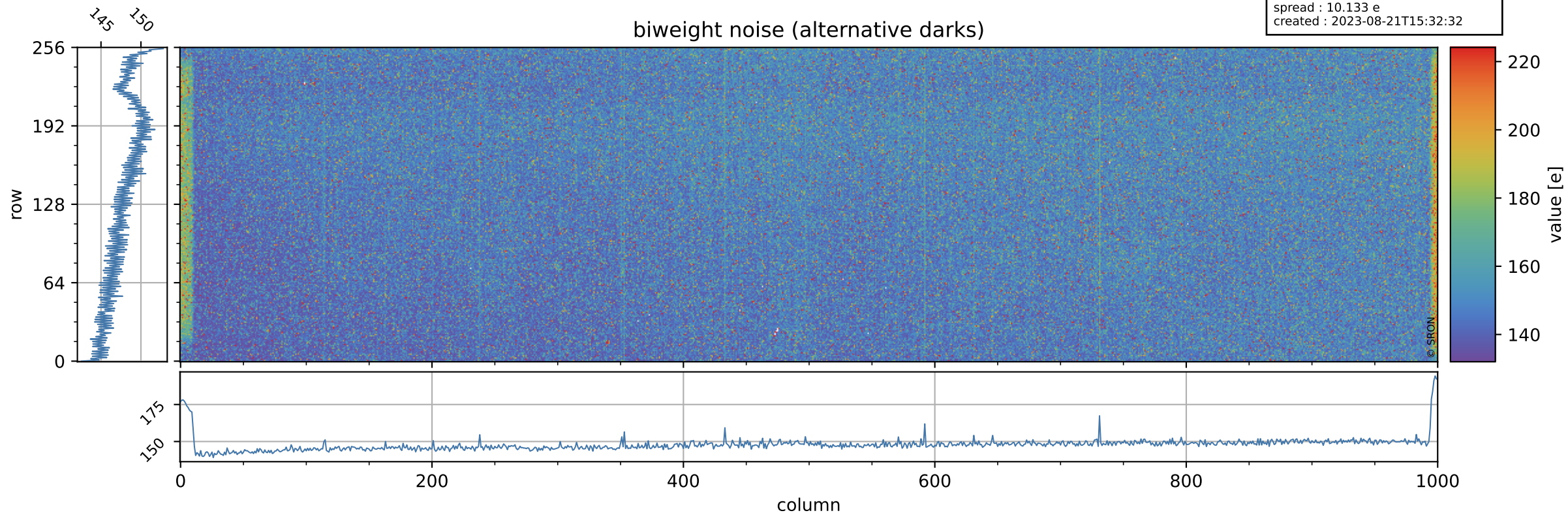
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [13627, 13702]
coverage : 2020-05-30 / 2020-06-04
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.133 e
created : 2023-08-21T15:32:32

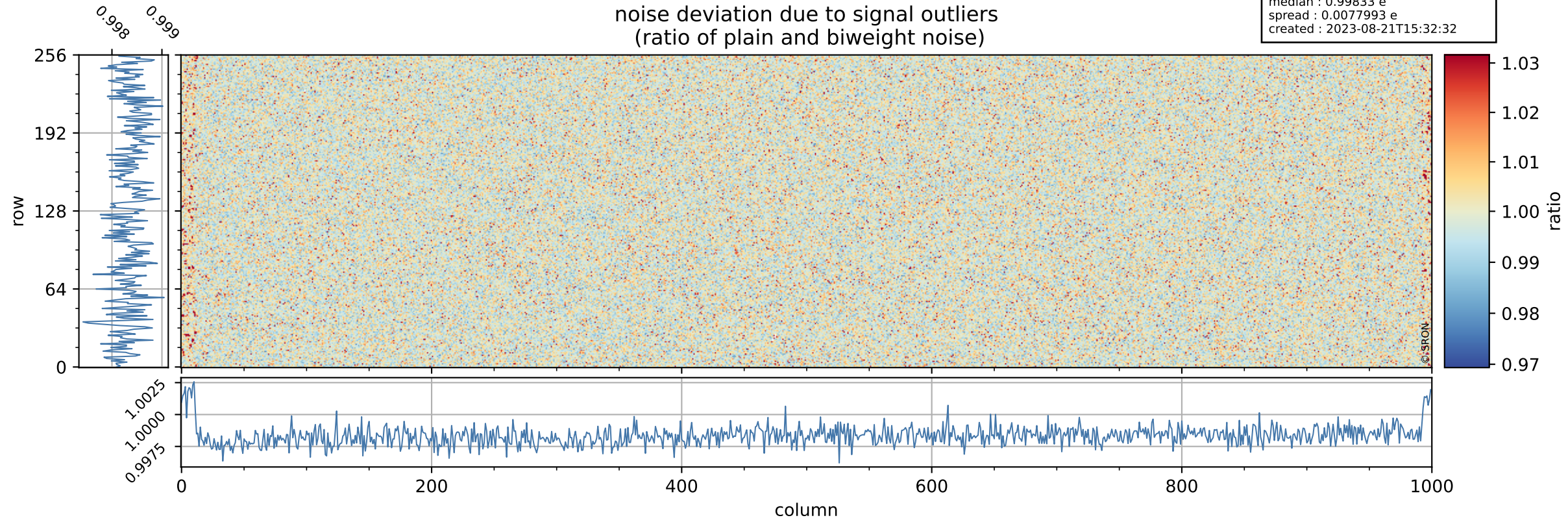
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

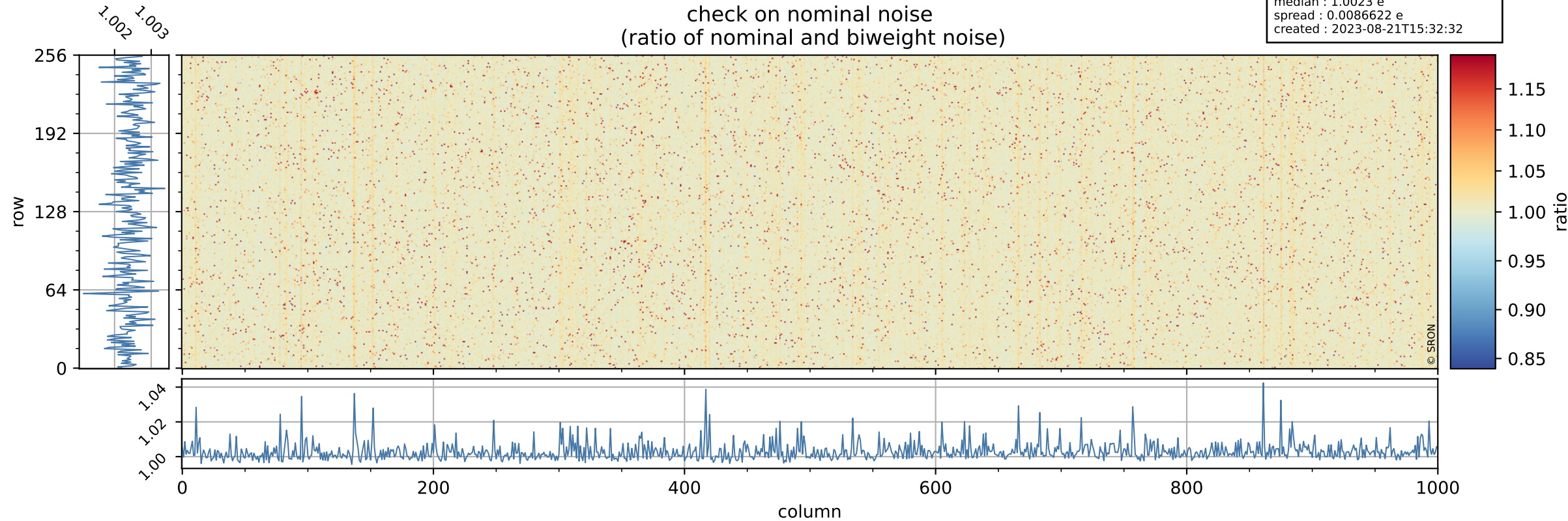
orbits : 13 in [13627, 13702]
coverage : 2020-05-30 / 2020-06-04
median : 0.99833 e
spread : 0.0077993 e
created : 2023-08-21T15:32:32



Tropomi SWIR background noise (swir)

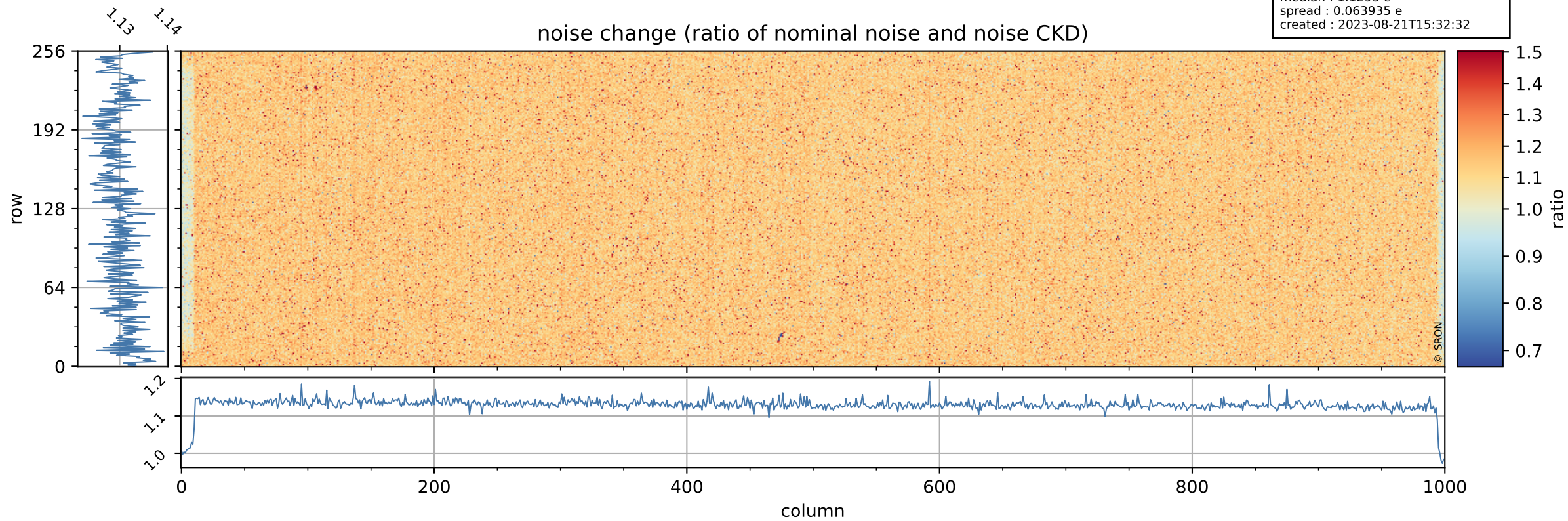
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [13627, 13702]
coverage : 2020-05-30 / 2020-06-04
median : 1.0023 e
spread : 0.0086622 e
created : 2023-08-21T15:32:32



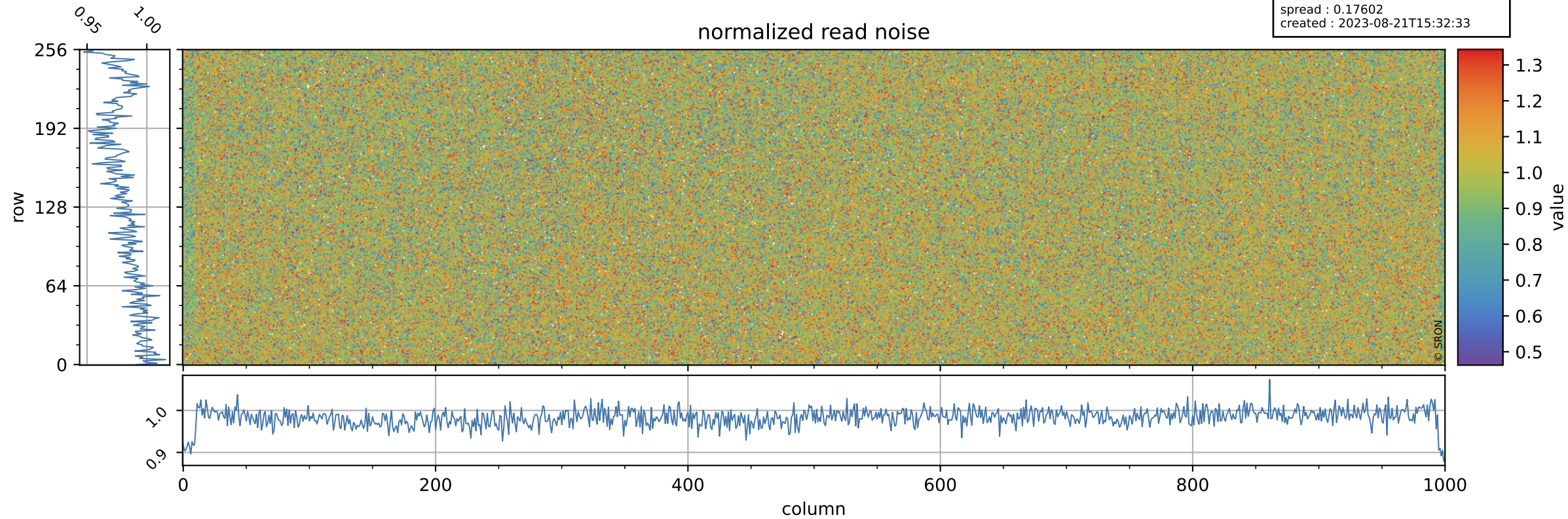
Tropomi SWIR background noise (swir)

orbits : 13 in [13627, 13702]
coverage : 2020-05-30 / 2020-06-04
median : 1.1293 e
spread : 0.063935 e
created : 2023-08-21T15:32:32



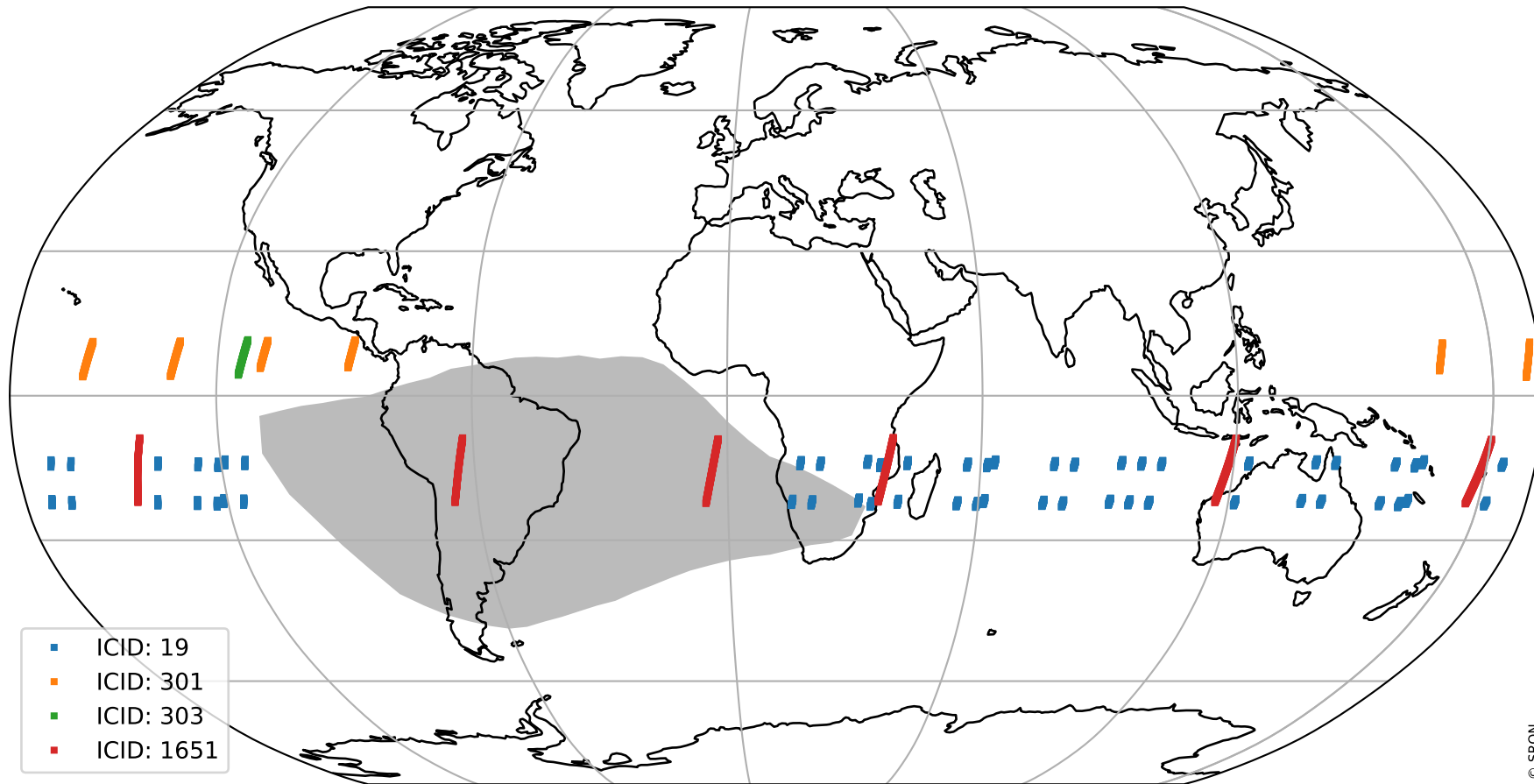
Tropomi SWIR background noise (swir)

orbits : 13 in [13627, 13702]
coverage : 2020-05-30 / 2020-06-04
median : 0.98155
spread : 0.17602
created : 2023-08-21T15:32:33



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

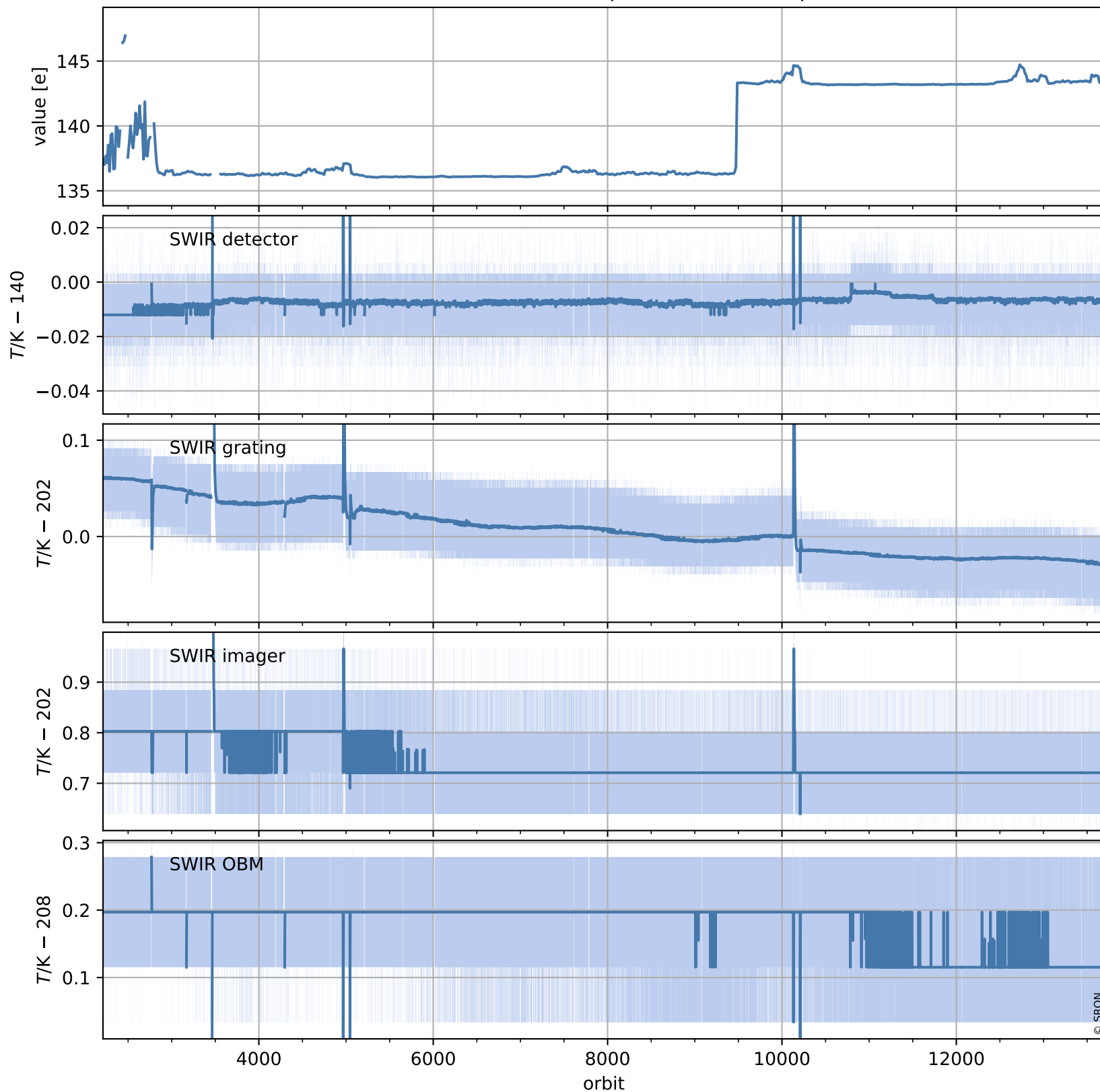
orbits : 13 in [13627, 13702]
coverage : 2020-05-30 / 2020-06-04
created : 2023-08-21T15:32:33



Tropomi SWIR background noise (swir)

orbits : [2212, 13702]
coverage : 2018-03-18 / 2020-06-04
created : 2023-08-21T15:32:33

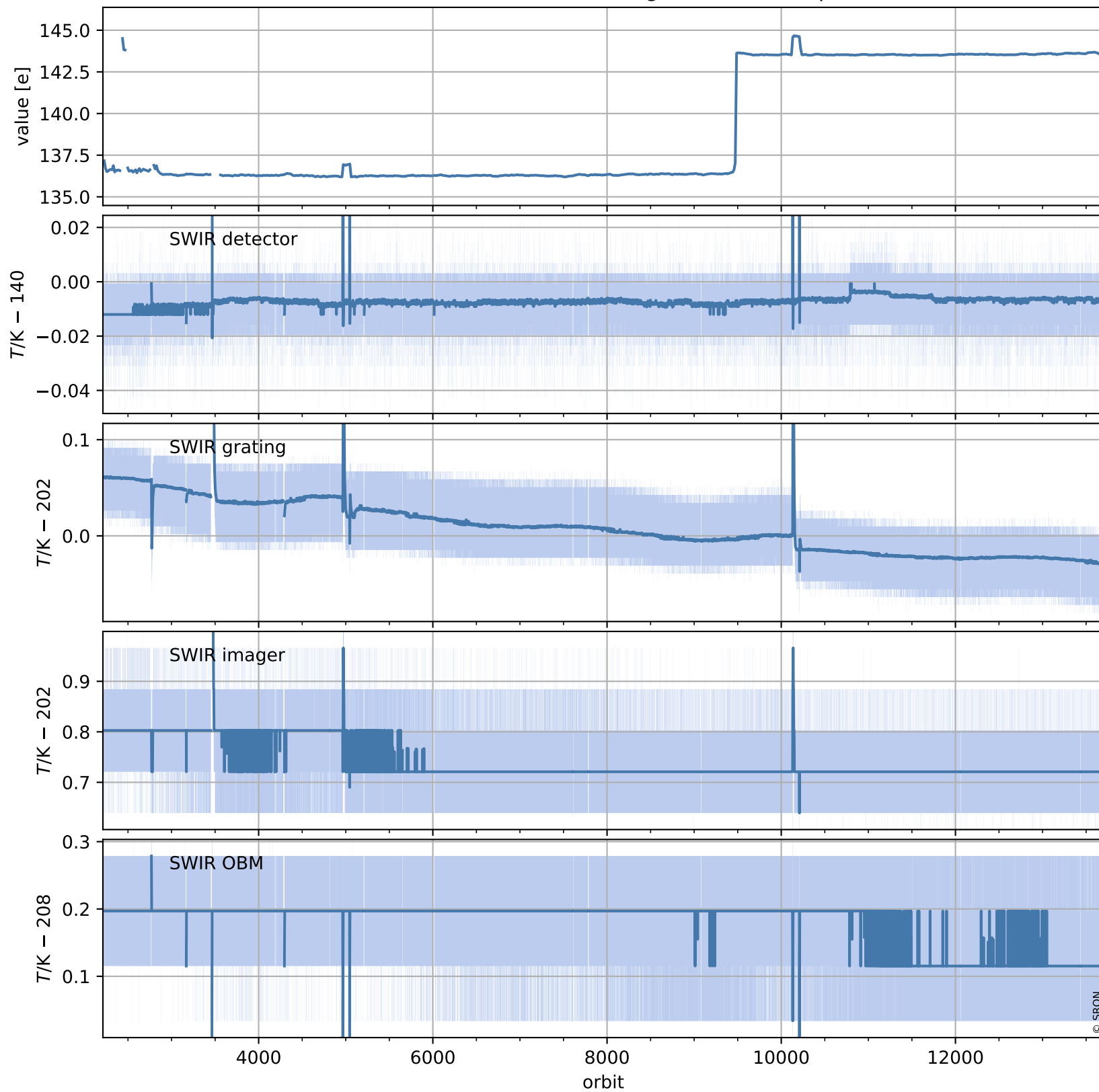
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13702]
coverage : 2018-03-18 / 2020-06-04
created : 2023-08-21T15:32:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13702]
coverage : 2018-03-18 / 2020-06-04
created : 2023-08-21T15:32:35

trend of normalized read-noise & temperatures

