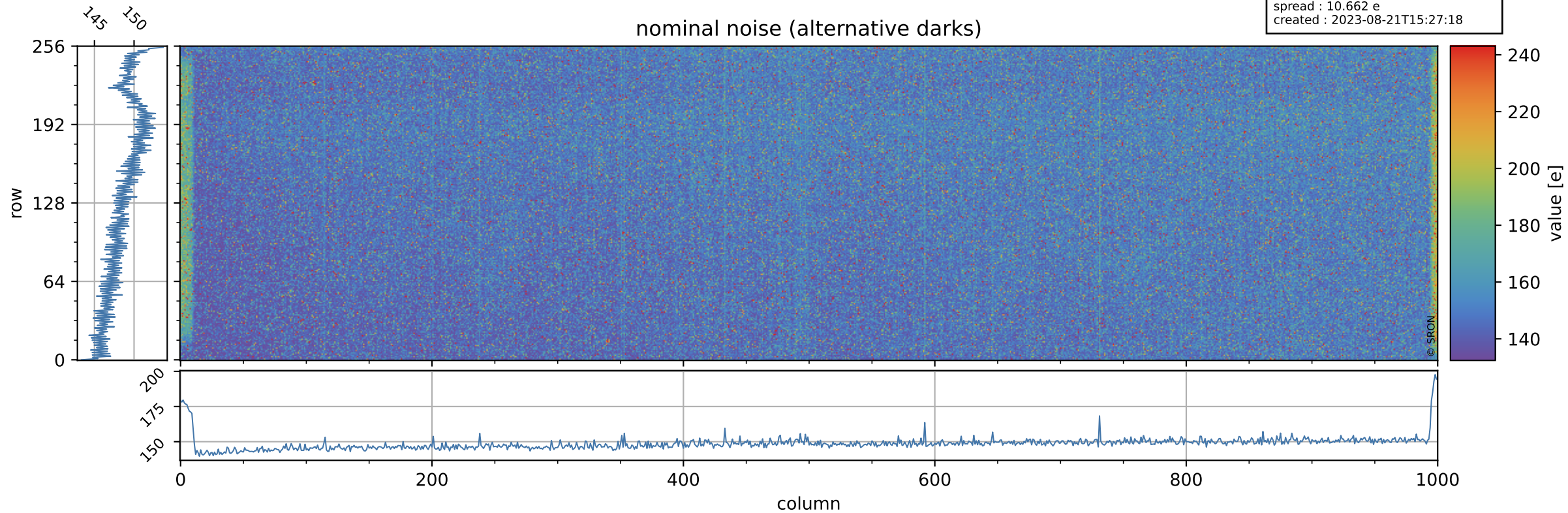


Tropomi SWIR background noise (swir)

orbits : 12 in [12637, 12727]
coverage : 2020-03-22 / 2020-03-28
n_coad, t_exp : 1, 1.0783
median : 148.52 e
spread : 10.662 e
created : 2023-08-21T15:27:18

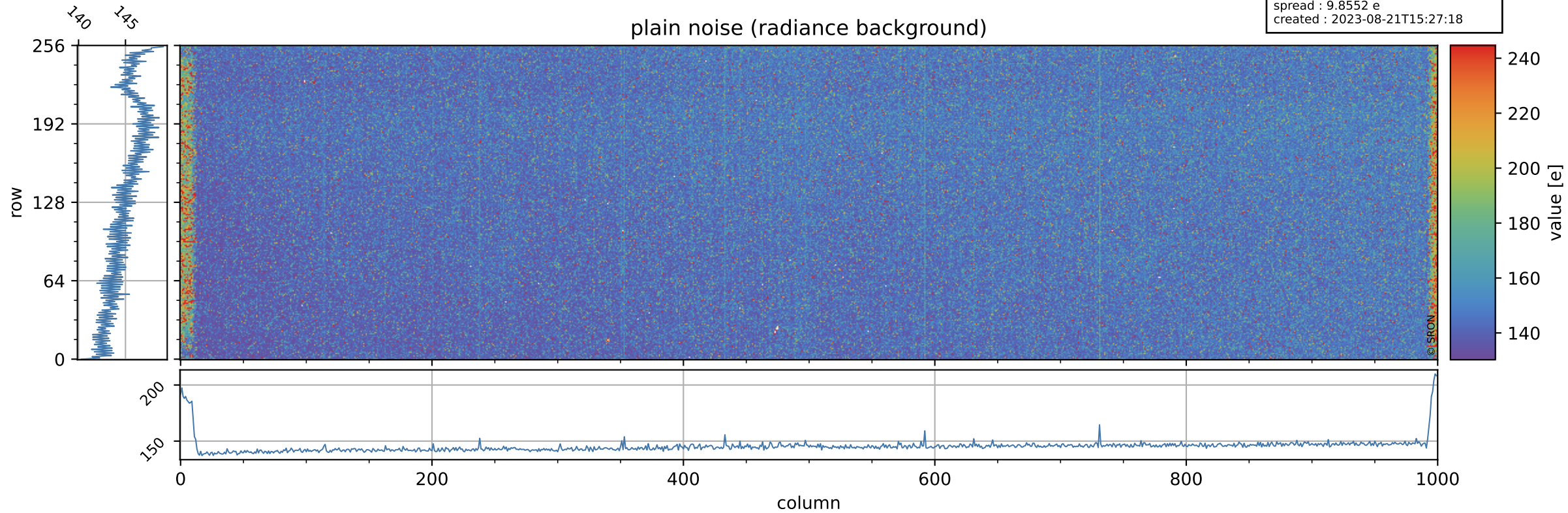
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12637, 12727]
coverage : 2020-03-22 / 2020-03-28
n_coad, t_exp : 1, 0.8383
median : 144.86 e
spread : 9.8552 e
created : 2023-08-21T15:27:18

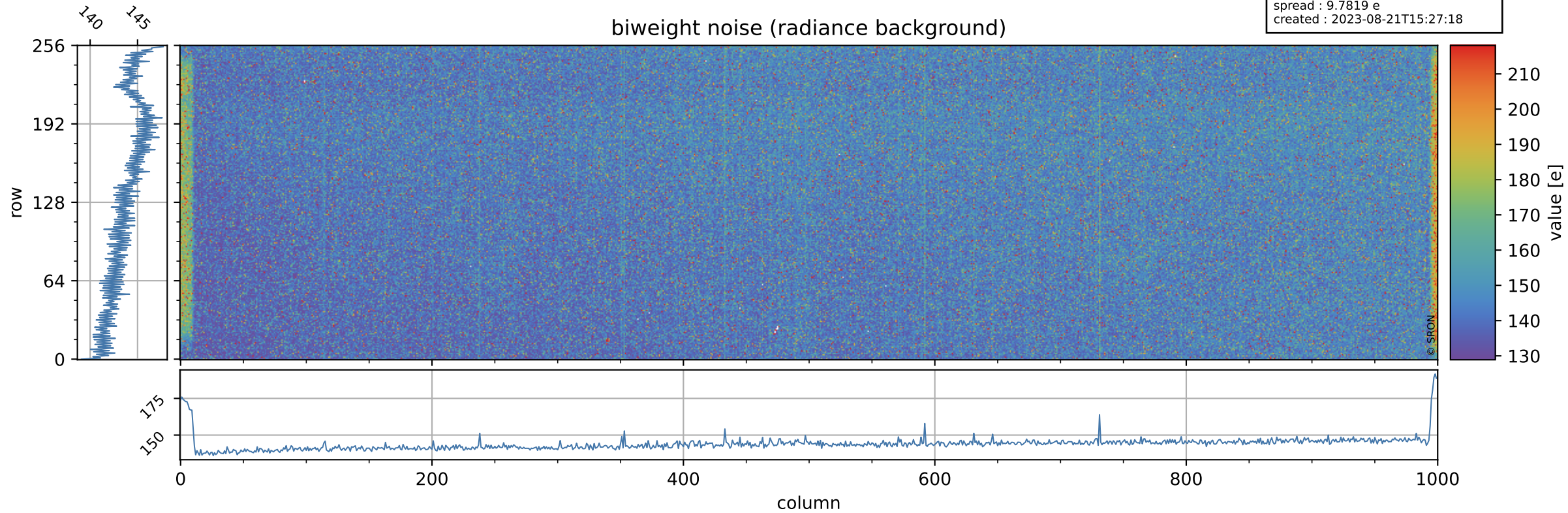
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12637, 12727]
coverage : 2020-03-22 / 2020-03-28
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 9.7819 e
created : 2023-08-21T15:27:18

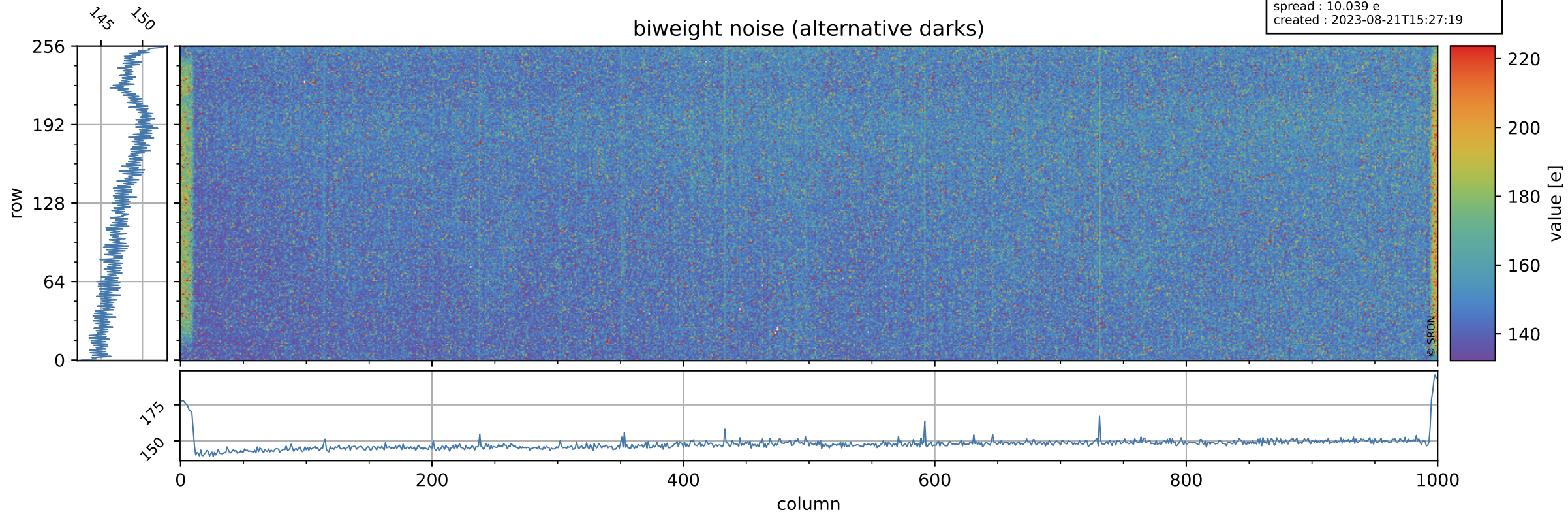
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12637, 12727]
coverage : 2020-03-22 / 2020-03-28
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.039 e
created : 2023-08-21T15:27:19

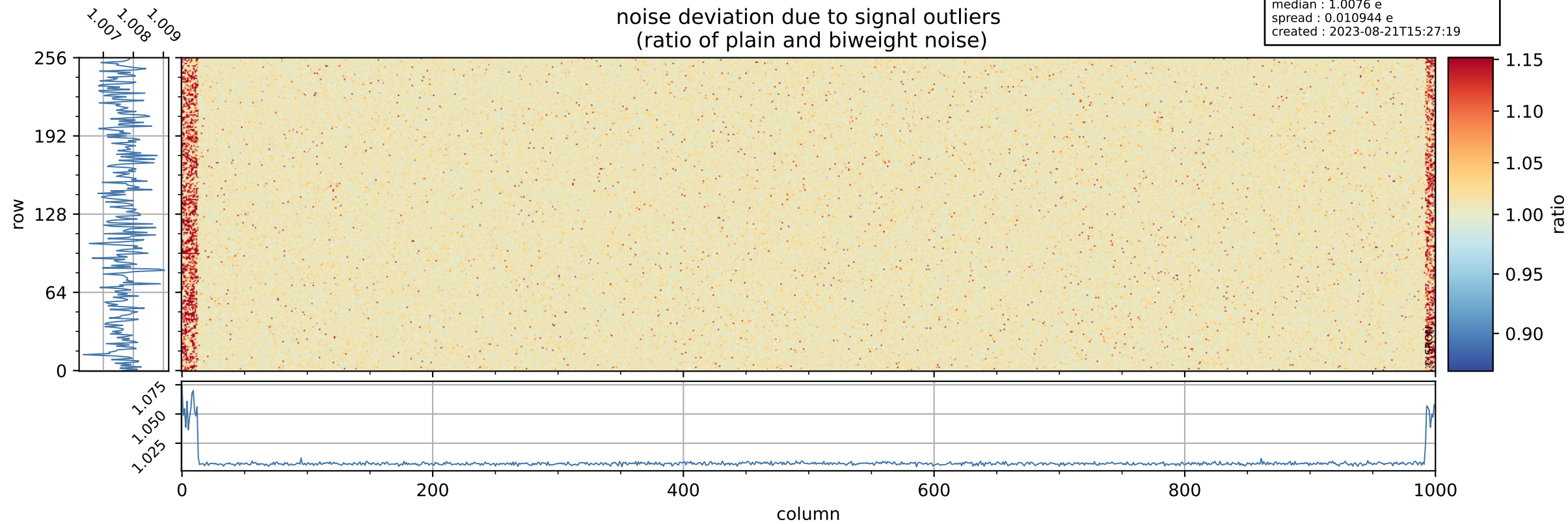
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

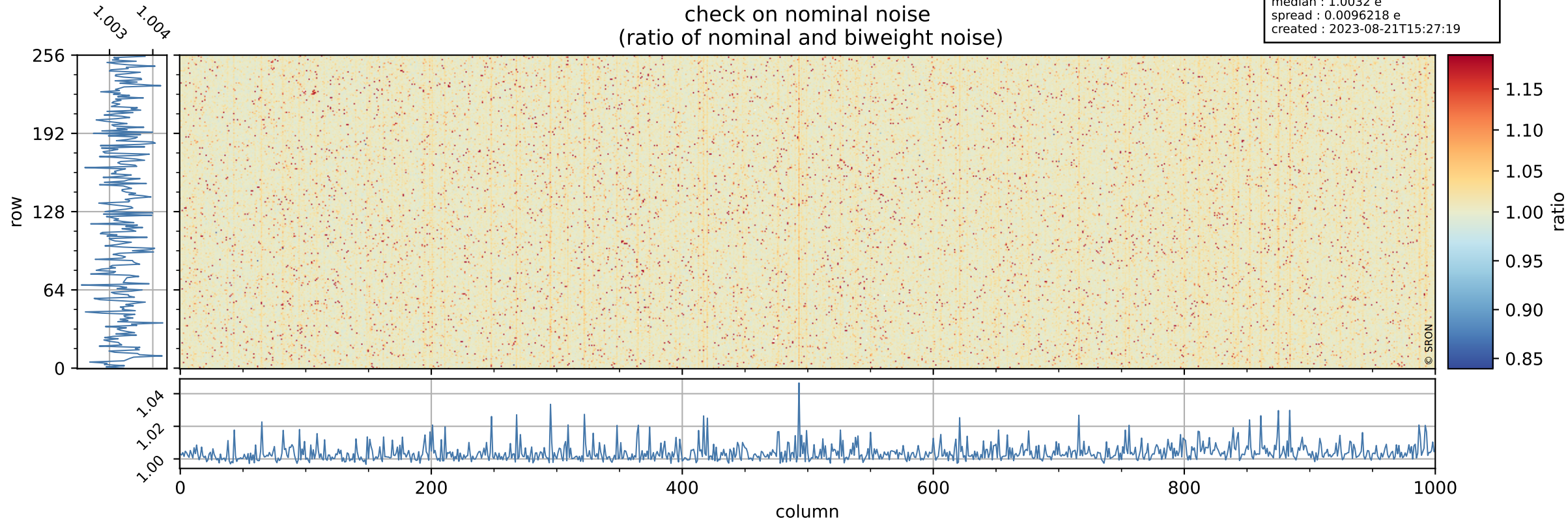
orbits : 12 in [12637, 12727]
coverage : 2020-03-22 / 2020-03-28
median : 1.0076 e
spread : 0.010944 e
created : 2023-08-21T15:27:19



Tropomi SWIR background noise (swir)

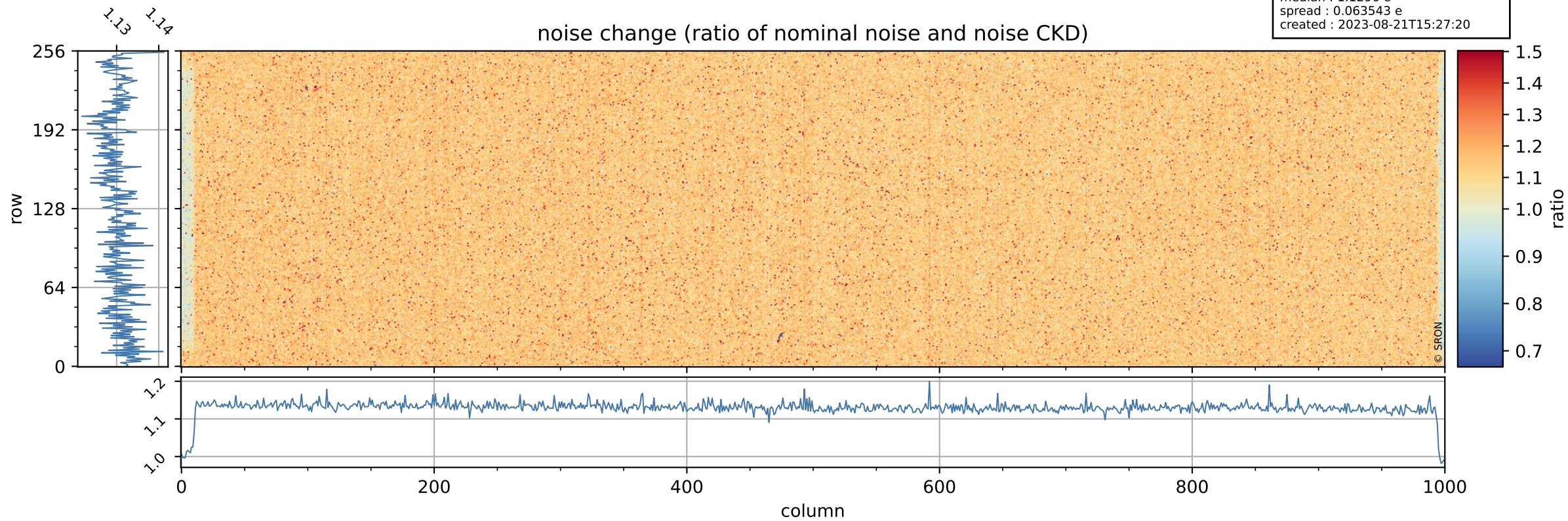
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12637, 12727]
coverage : 2020-03-22 / 2020-03-28
median : 1.0032 e
spread : 0.0096218 e
created : 2023-08-21T15:27:19



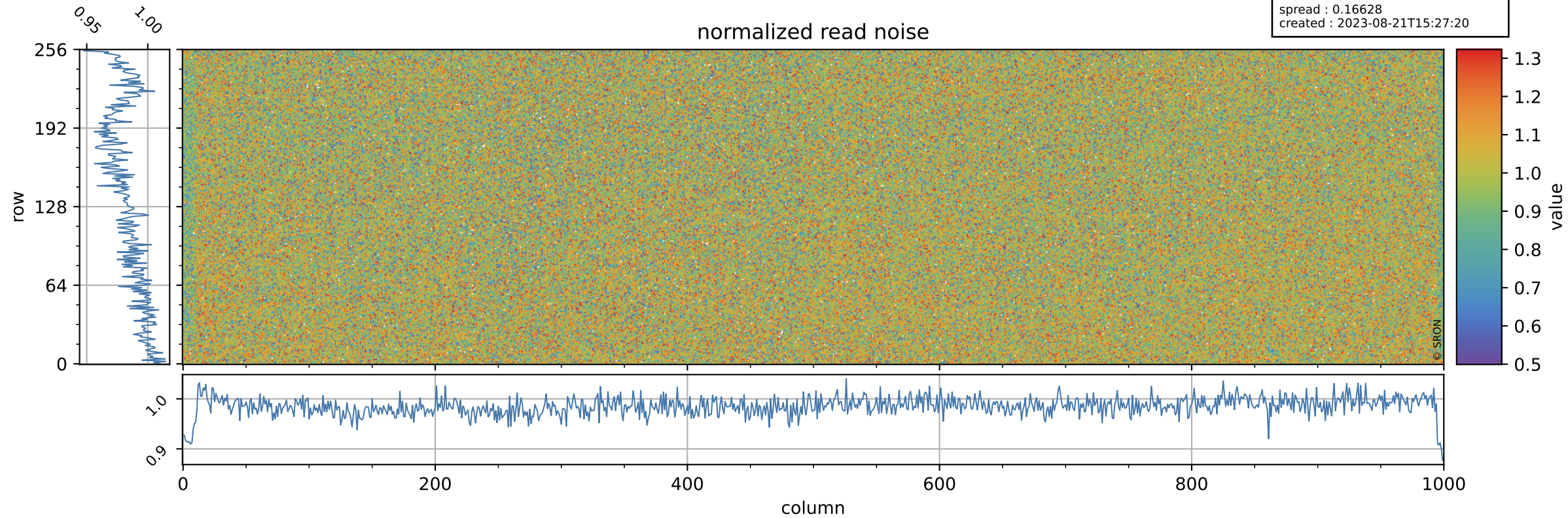
Tropomi SWIR background noise (swir)

orbits : 12 in [12637, 12727]
coverage : 2020-03-22 / 2020-03-28
median : 1.1296 e
spread : 0.063543 e
created : 2023-08-21T15:27:20



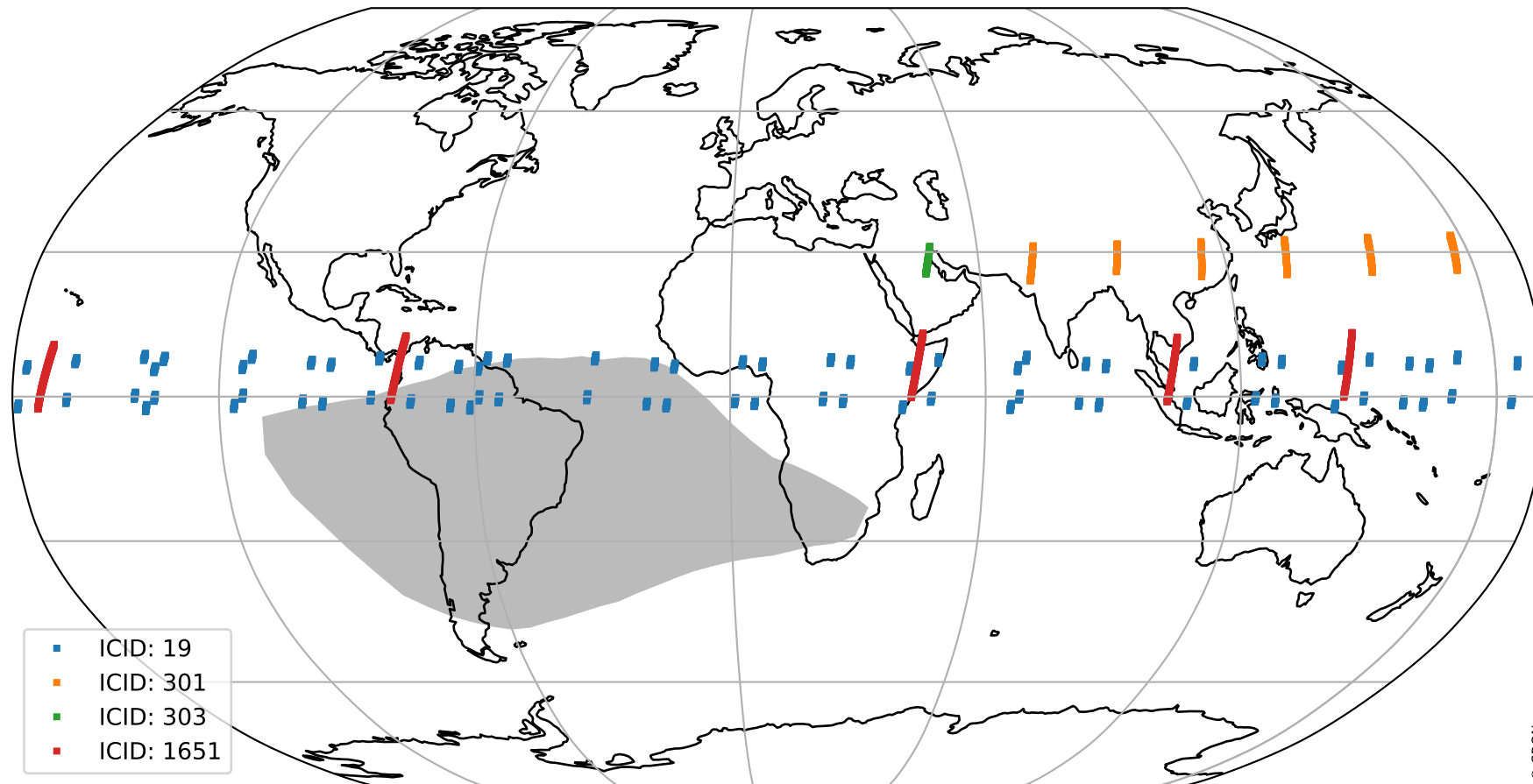
Tropomi SWIR background noise (swir)

orbits : 12 in [12637, 12727]
coverage : 2020-03-22 / 2020-03-28
median : 0.98377
spread : 0.16628
created : 2023-08-21T15:27:20



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

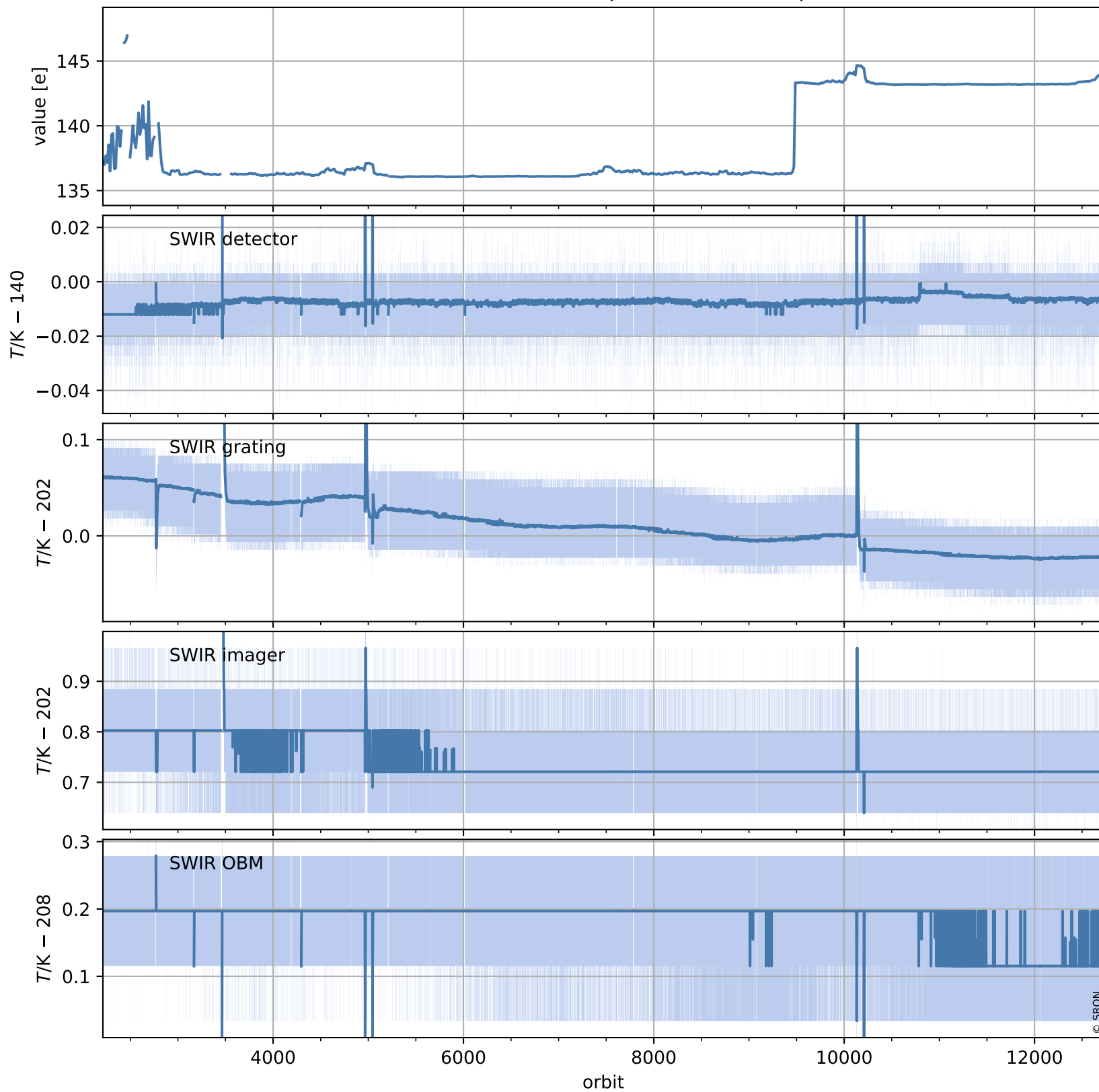
orbits : 12 in [12637, 12727]
coverage : 2020-03-22 / 2020-03-28
created : 2023-08-21T15:27:20



Tropomi SWIR background noise (swir)

orbits : [2212, 12727]
coverage : 2018-03-18 / 2020-03-28
created : 2023-08-21T15:27:20

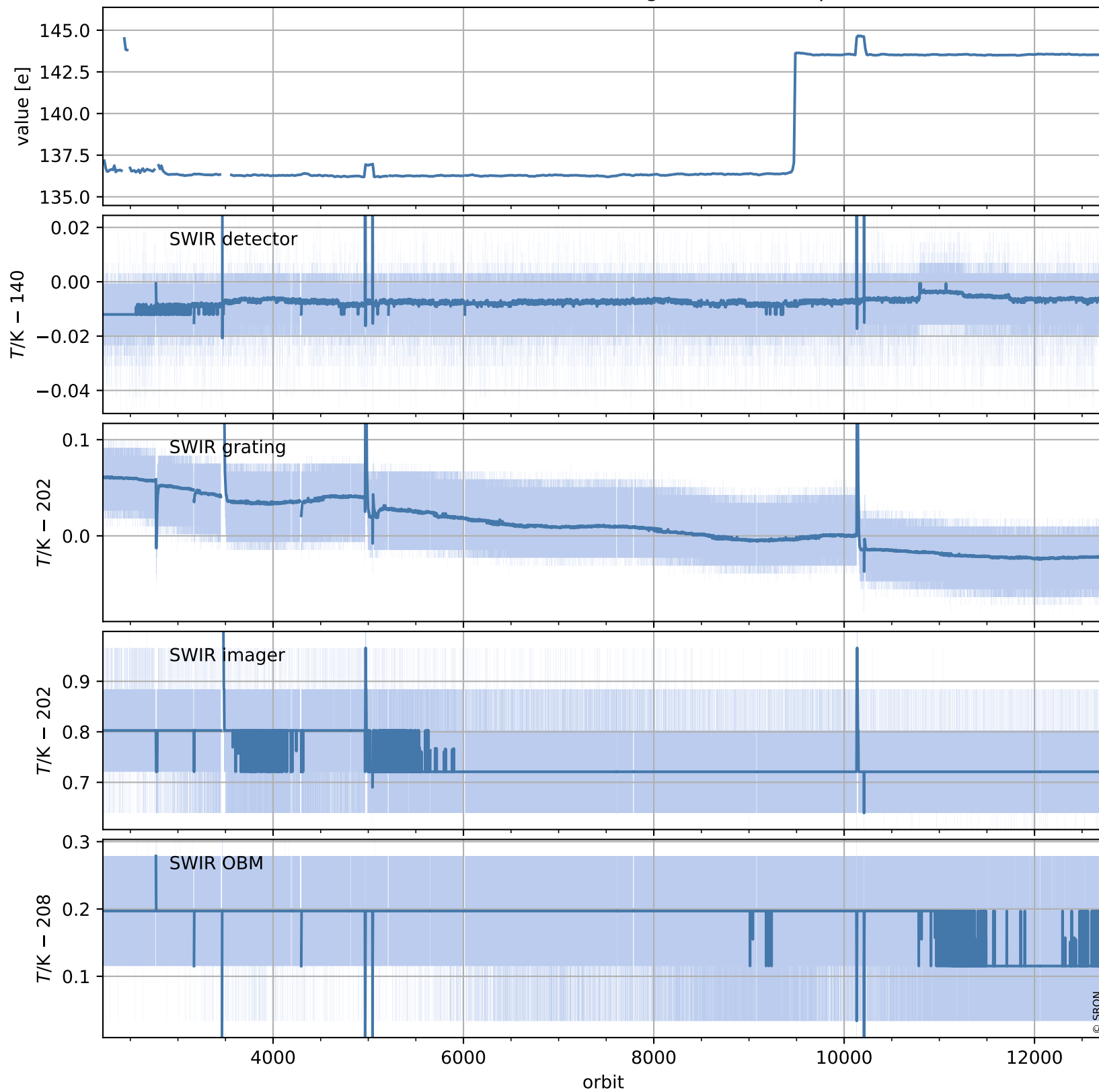
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12727]
coverage : 2018-03-18 / 2020-03-28
created : 2023-08-21T15:27:21

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12727]
coverage : 2018-03-18 / 2020-03-28
created : 2023-08-21T15:27:22

trend of normalized read-noise & temperatures

