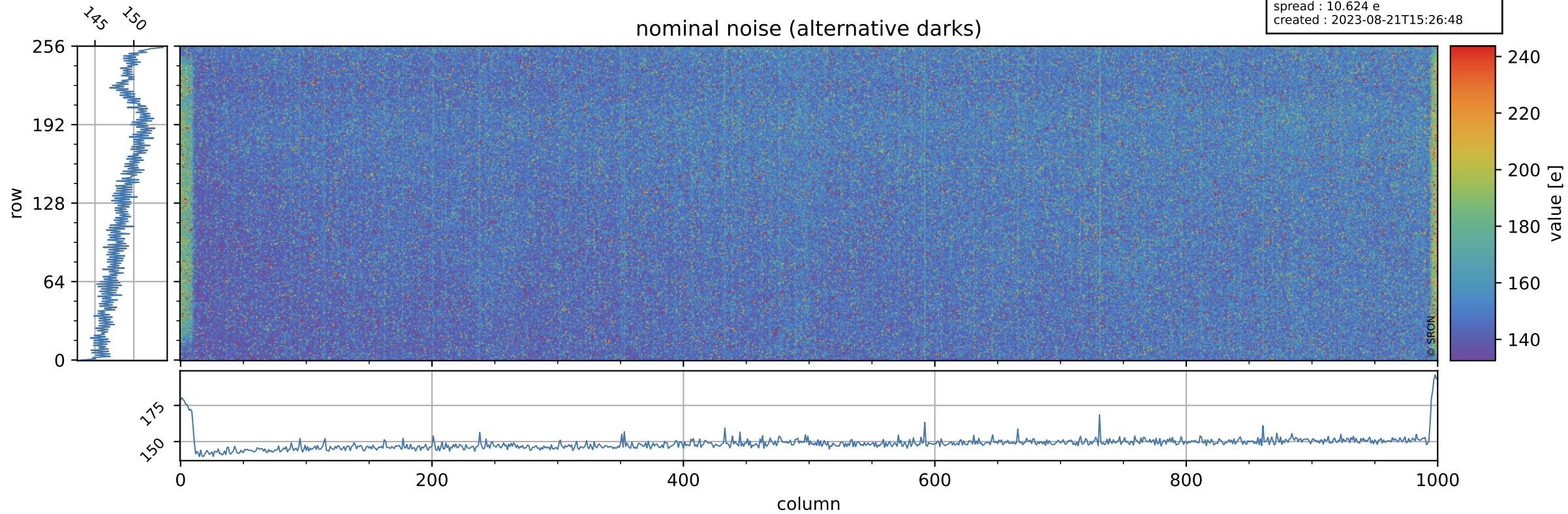


Tropomi SWIR background noise (swir)

orbits : 13 in [12547, 12637]
coverage : 2020-03-16 / 2020-03-22
n_coad, t_exp : 1, 1.0783
median : 148.53 e
spread : 10.624 e
created : 2023-08-21T15:26:48

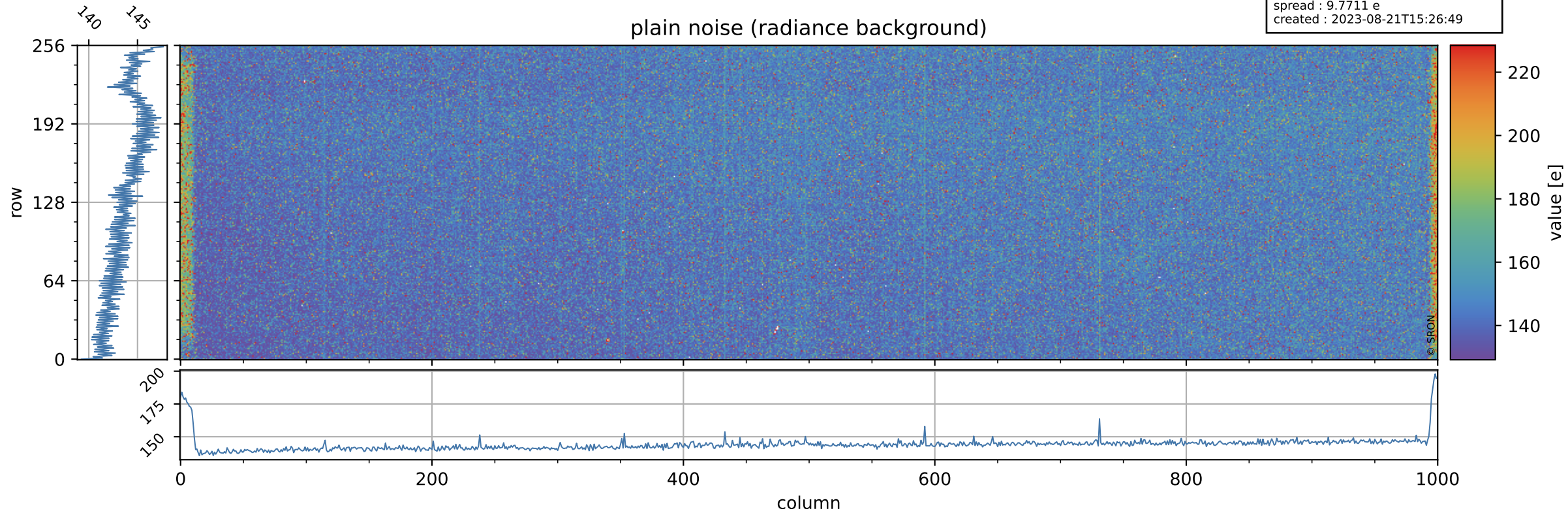
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [12547, 12637]
coverage : 2020-03-16 / 2020-03-22
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.7711 e
created : 2023-08-21T15:26:49

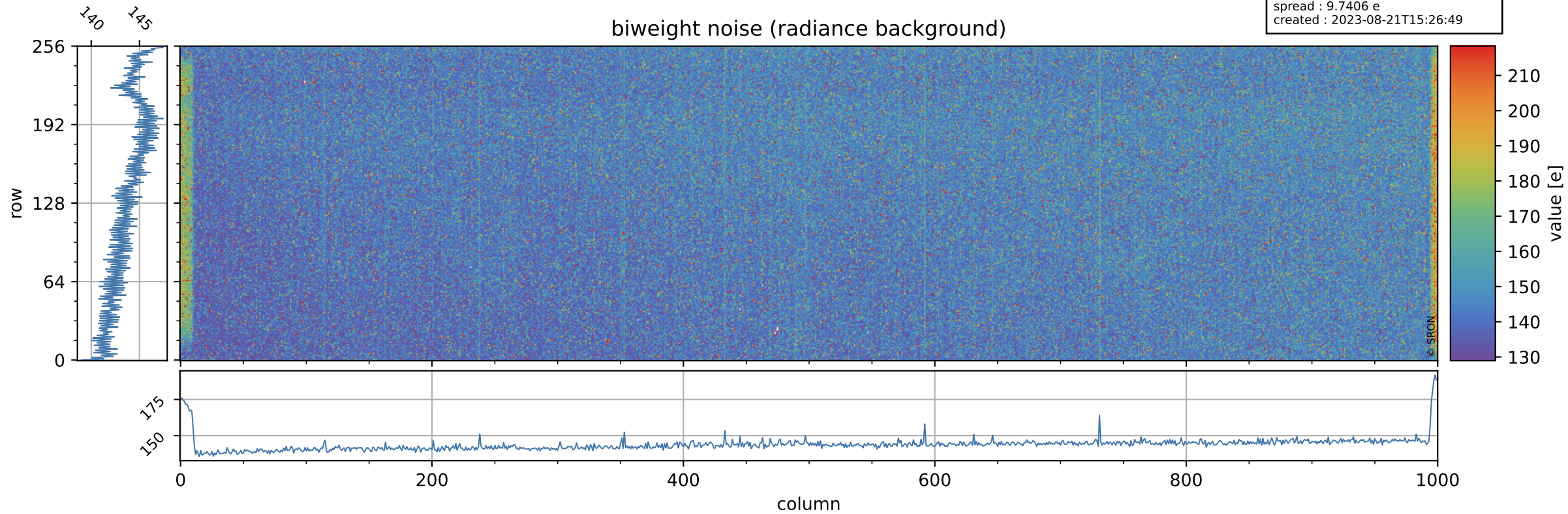
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12547, 12637]
coverage : 2020-03-16 / 2020-03-22
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.7406 e
created : 2023-08-21T15:26:49

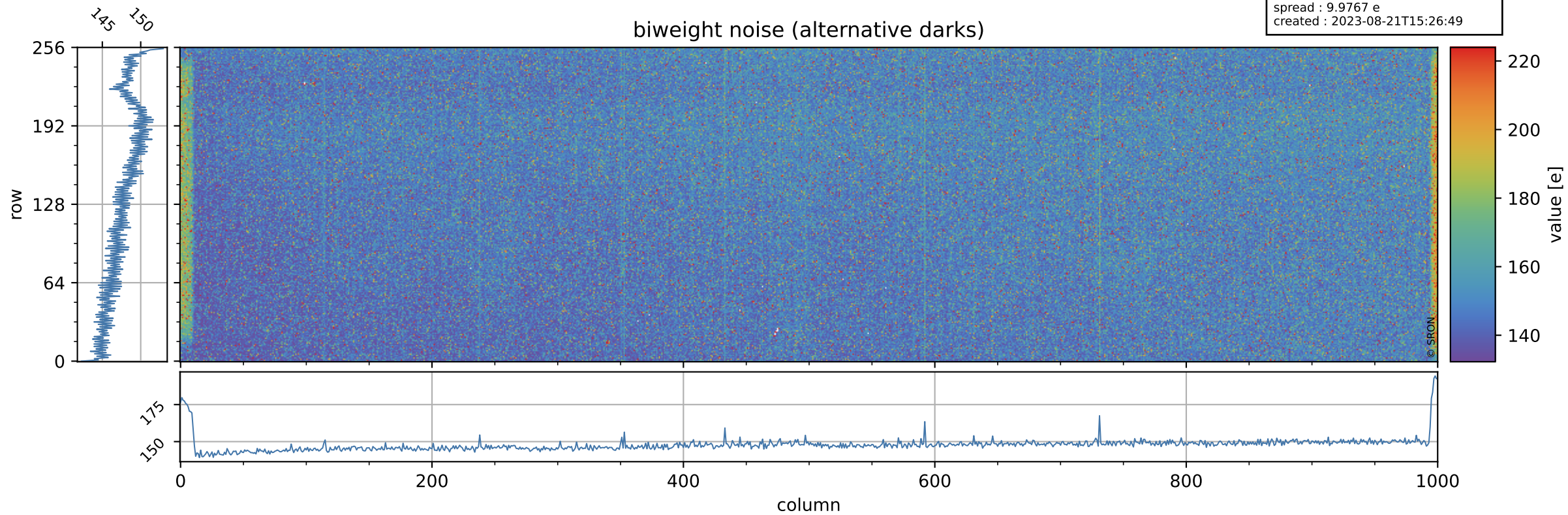
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12547, 12637]
coverage : 2020-03-16 / 2020-03-22
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 9.9767 e
created : 2023-08-21T15:26:49

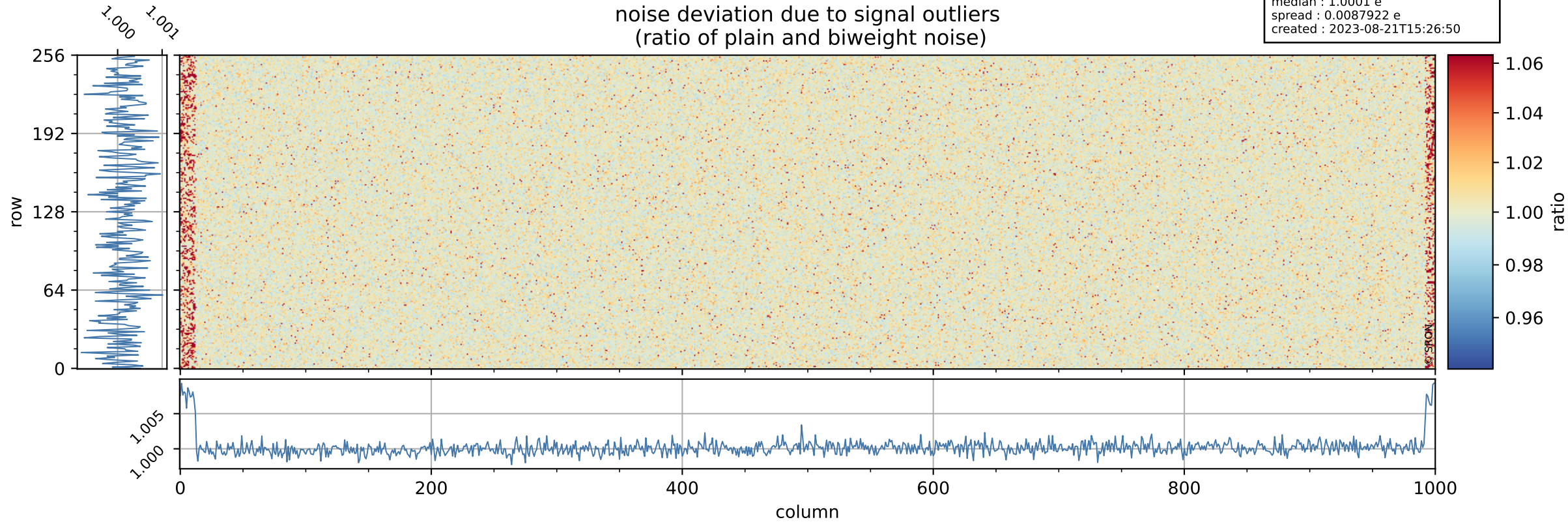
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

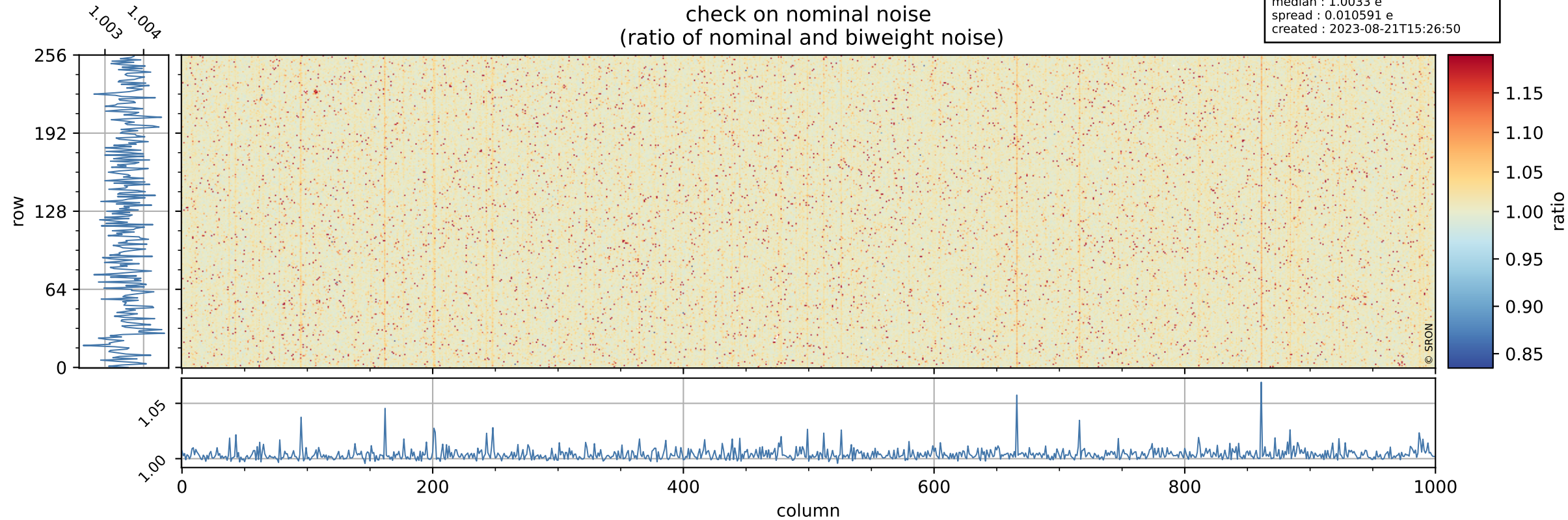
orbits : 13 in [12547, 12637]
coverage : 2020-03-16 / 2020-03-22
median : 1.0001 e
spread : 0.0087922 e
created : 2023-08-21T15:26:50



Tropomi SWIR background noise (swir)

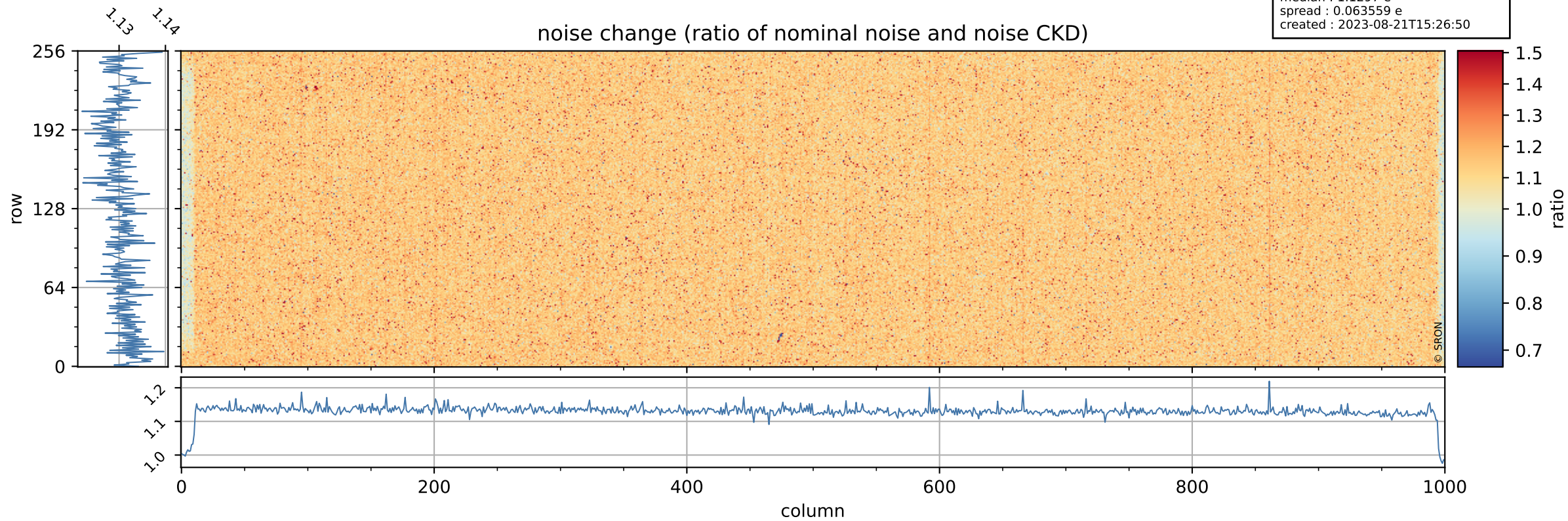
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [12547, 12637]
coverage : 2020-03-16 / 2020-03-22
median : 1.0033 e
spread : 0.010591 e
created : 2023-08-21T15:26:50



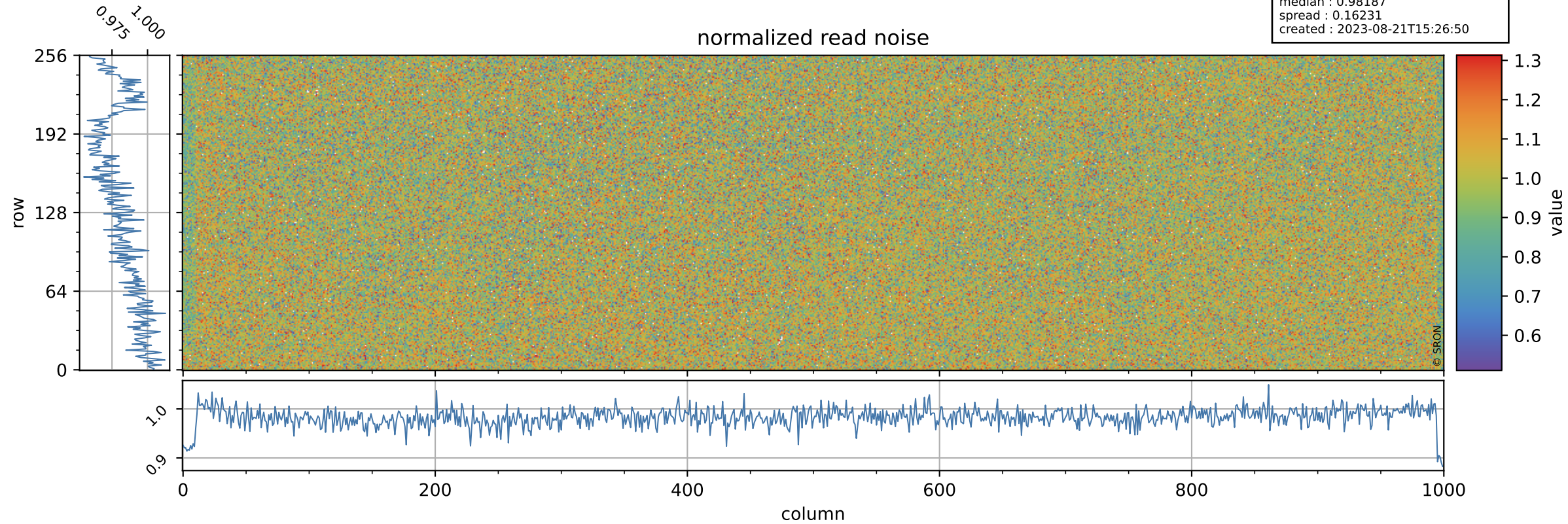
Tropomi SWIR background noise (swir)

orbits : 13 in [12547, 12637]
coverage : 2020-03-16 / 2020-03-22
median : 1.1297 e
spread : 0.063559 e
created : 2023-08-21T15:26:50



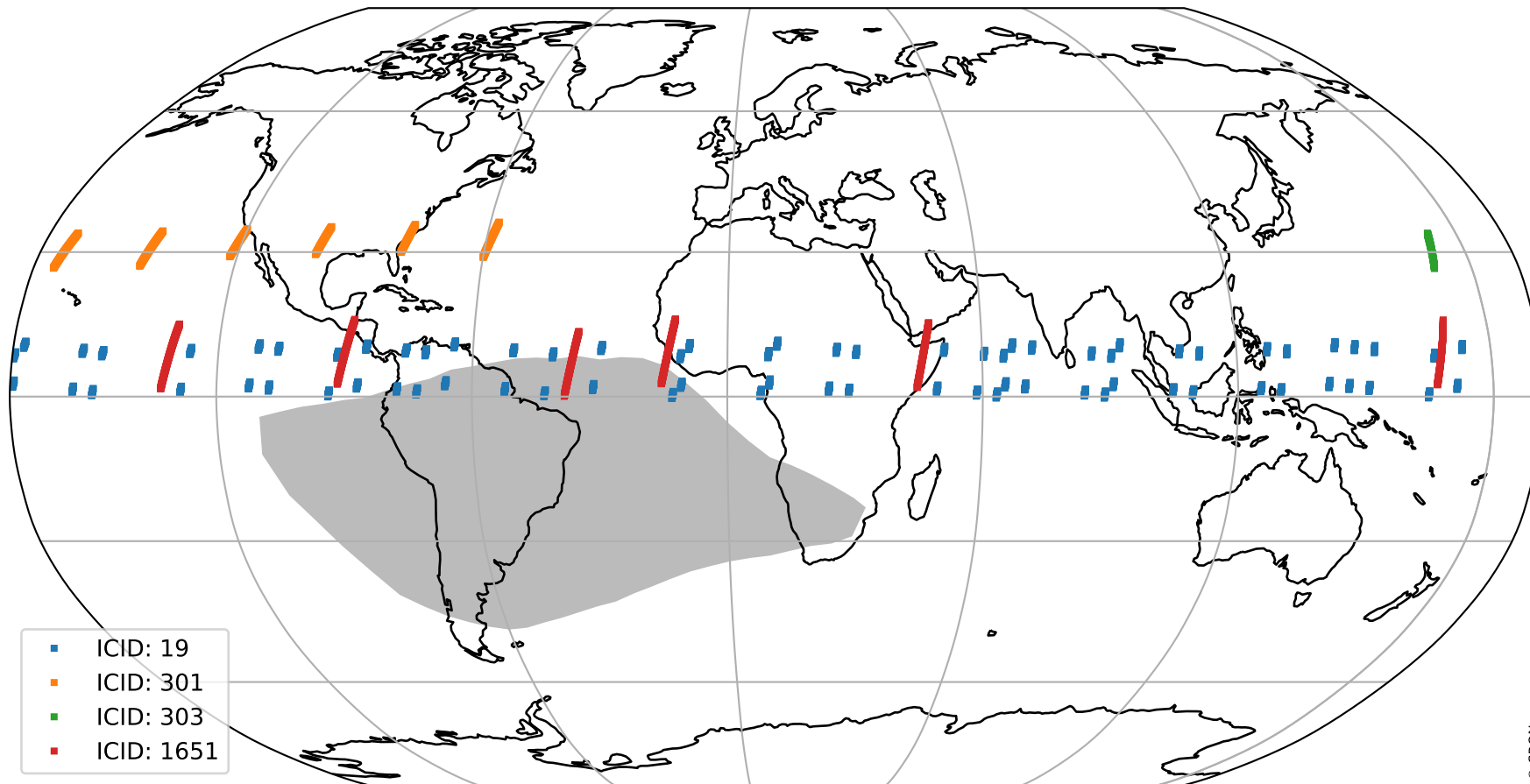
Tropomi SWIR background noise (swir)

orbits : 13 in [12547, 12637]
coverage : 2020-03-16 / 2020-03-22
median : 0.98187
spread : 0.16231
created : 2023-08-21T15:26:50



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

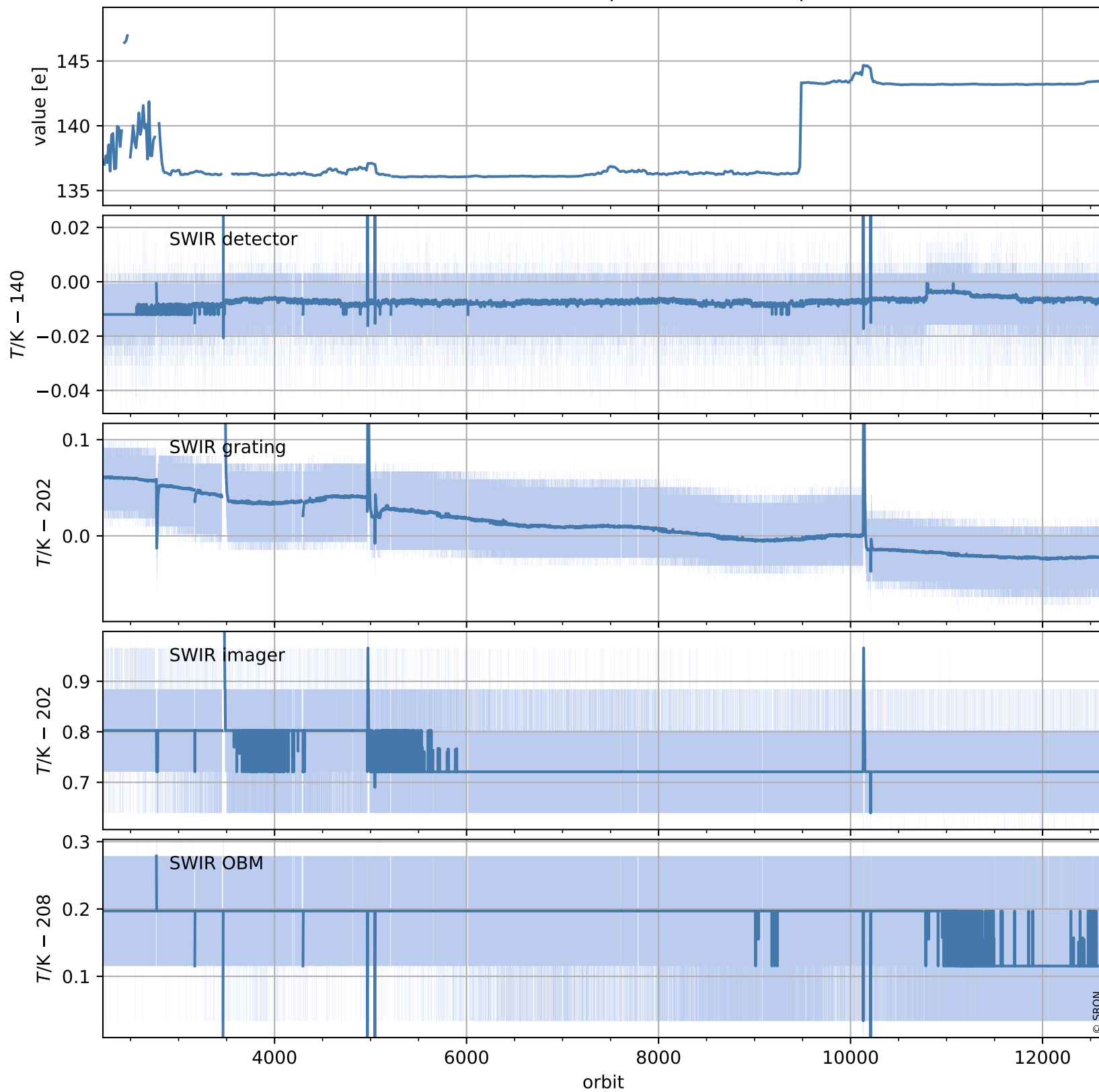
orbits : 13 in [12547, 12637]
coverage : 2020-03-16 / 2020-03-22
created : 2023-08-21T15:26:51



Tropomi SWIR background noise (swir)

orbits : [2212, 12637]
coverage : 2018-03-18 / 2020-03-22
created : 2023-08-21T15:26:51

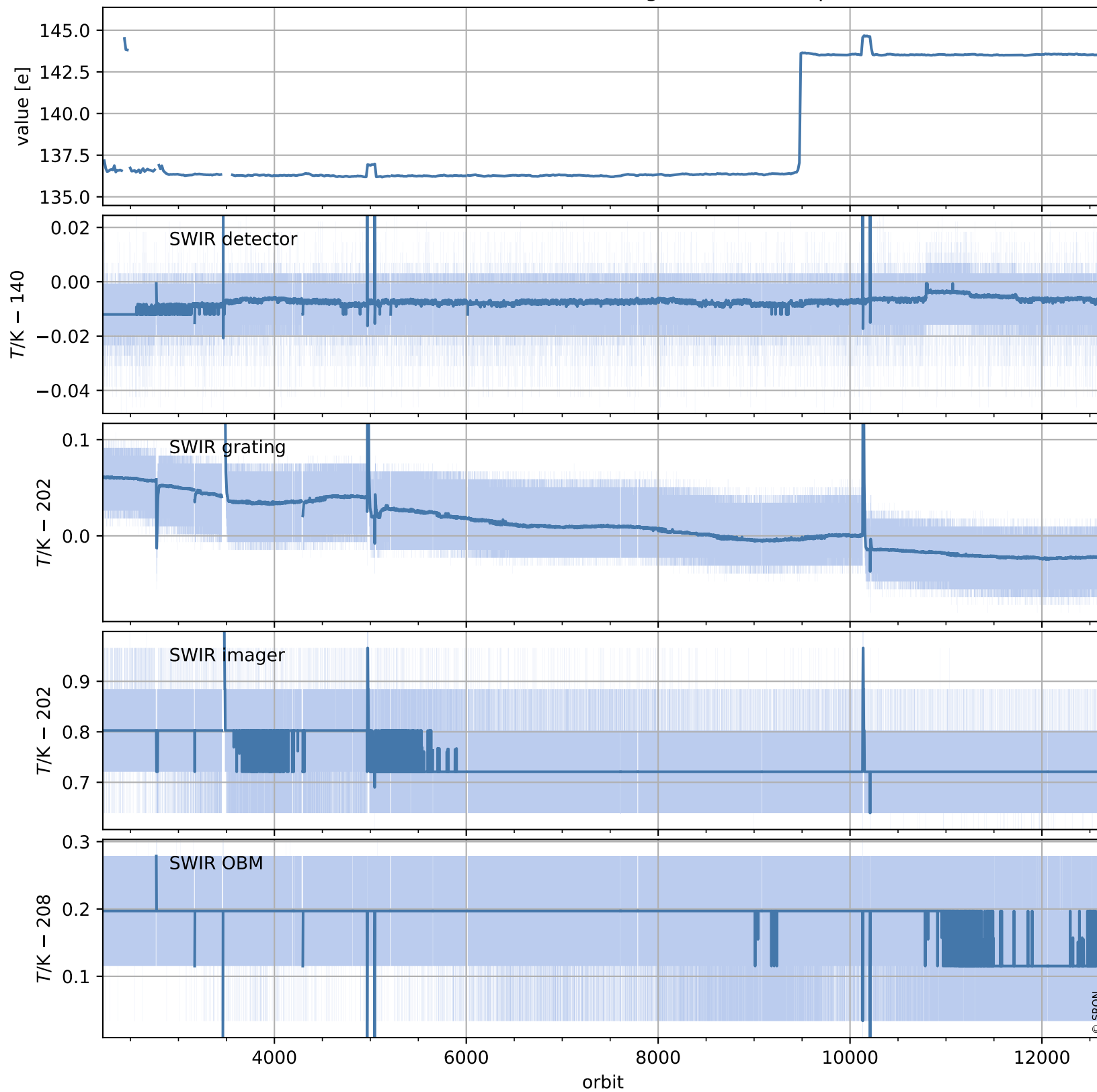
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12637]
coverage : 2018-03-18 / 2020-03-22
created : 2023-08-21T15:26:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12637]
coverage : 2018-03-18 / 2020-03-22
created : 2023-08-21T15:26:52

trend of normalized read-noise & temperatures

