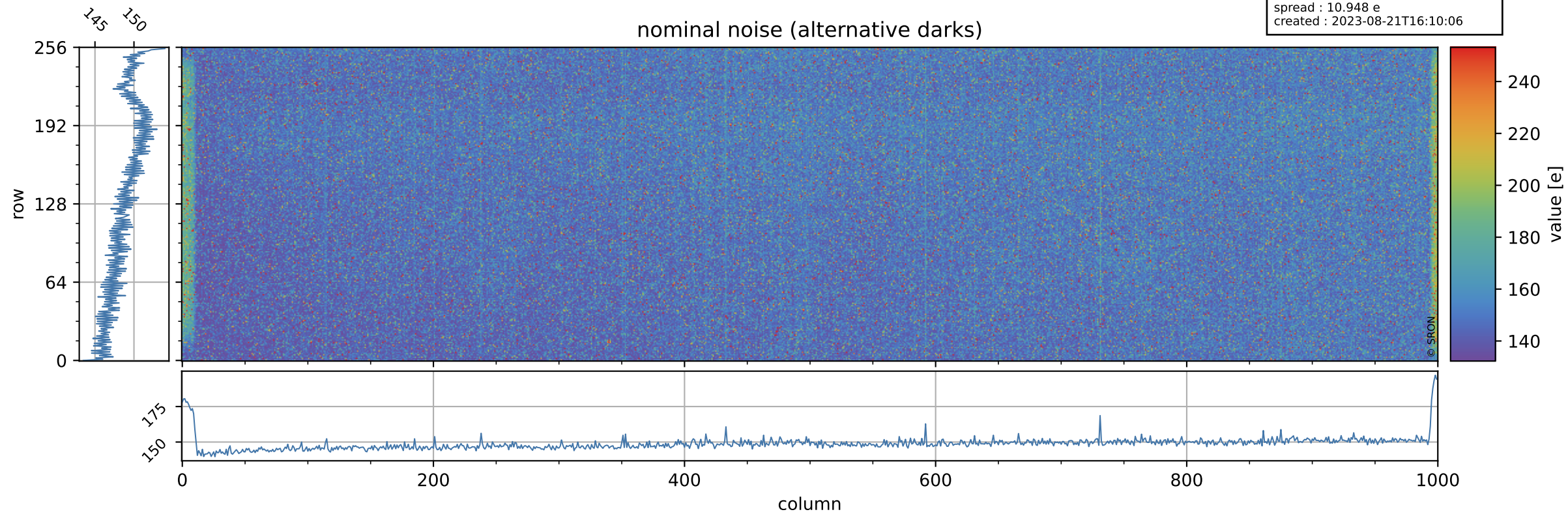


Tropomi SWIR background noise (swir)

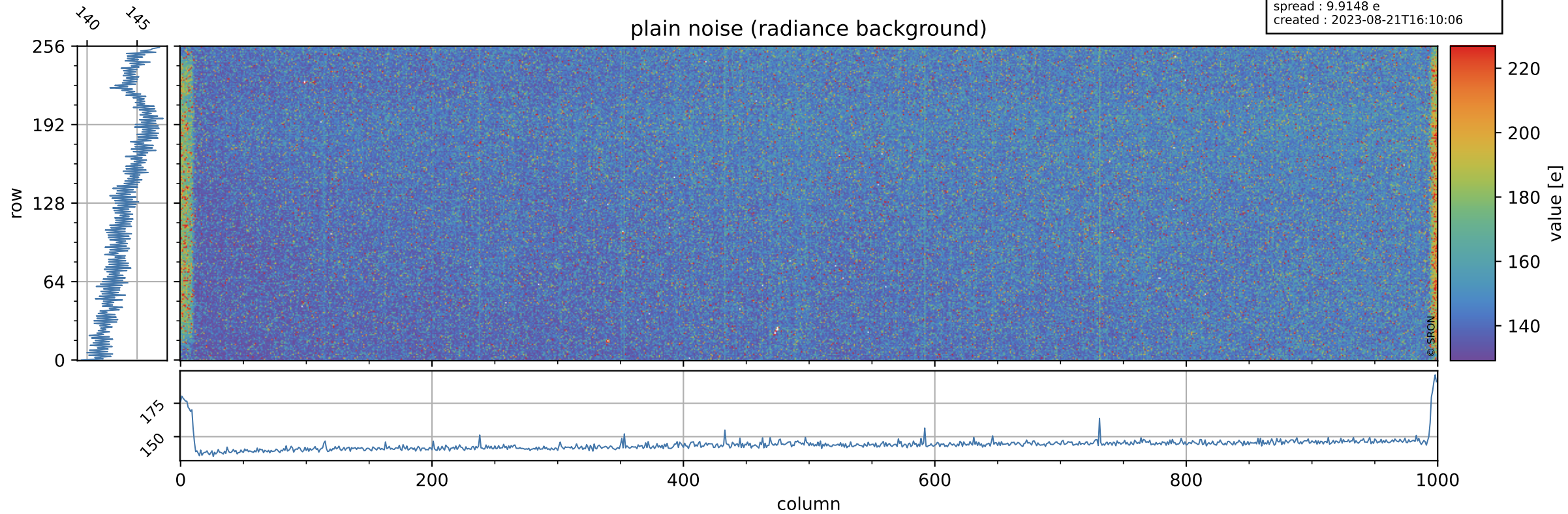
orbits : 12 in [20137, 20227]
coverage : 2021-09-02 / 2021-09-08
n_coad, t_exp : 1, 1.0783
median : 148.7 e
spread : 10.948 e
created : 2023-08-21T16:10:06



Tropomi SWIR background noise (swir)

orbits : 12 in [20137, 20227]
coverage : 2021-09-02 / 2021-09-08
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9148 e
created : 2023-08-21T16:10:06

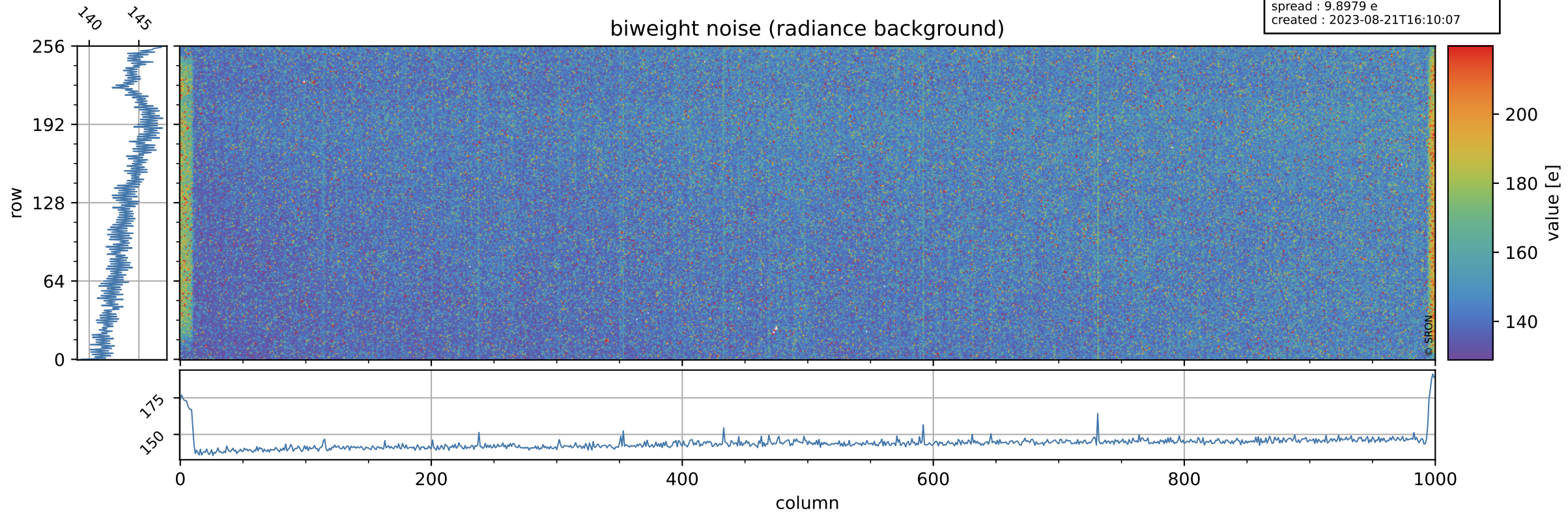
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20137, 20227]
coverage : 2021-09-02 / 2021-09-08
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.8979 e
created : 2023-08-21T16:10:07

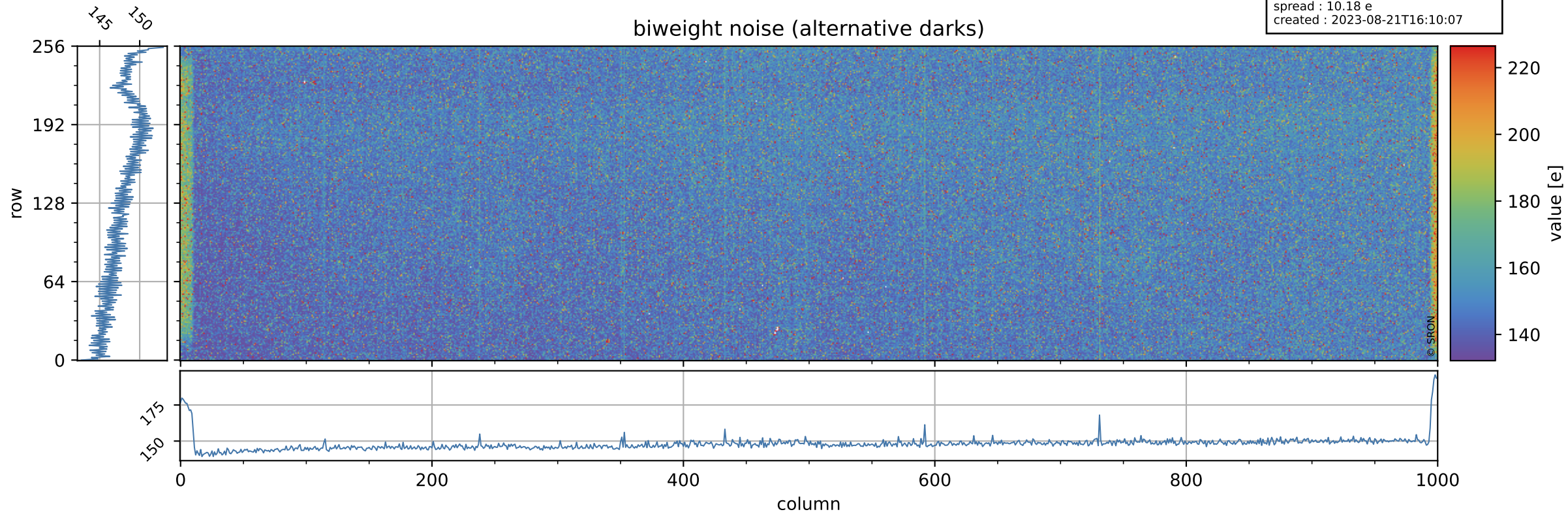
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20137, 20227]
coverage : 2021-09-02 / 2021-09-08
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.18 e
created : 2023-08-21T16:10:07

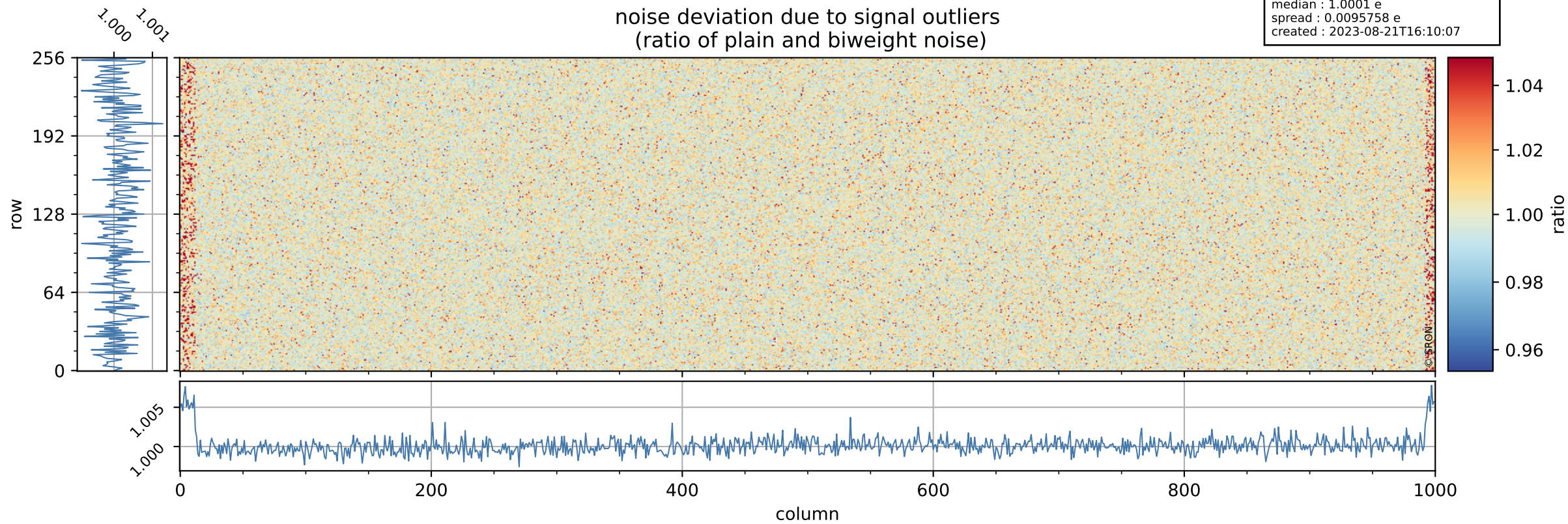
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

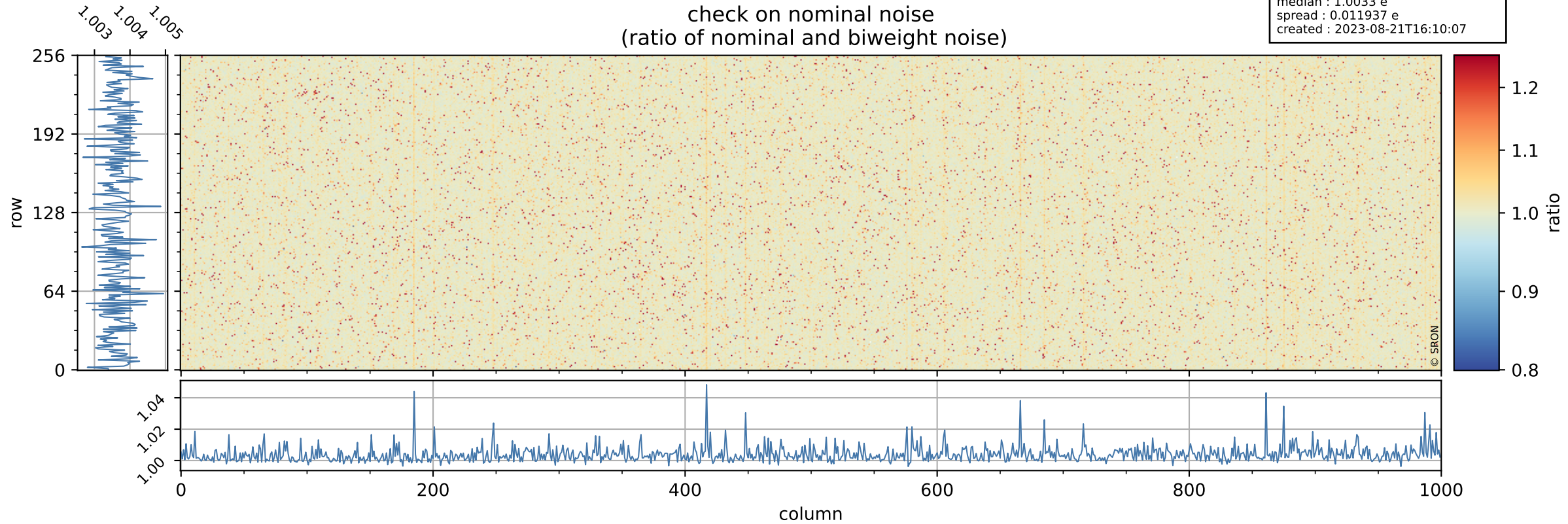
orbits : 12 in [20137, 20227]
coverage : 2021-09-02 / 2021-09-08
median : 1.0001 e
spread : 0.0095758 e
created : 2023-08-21T16:10:07



Tropomi SWIR background noise (swir)

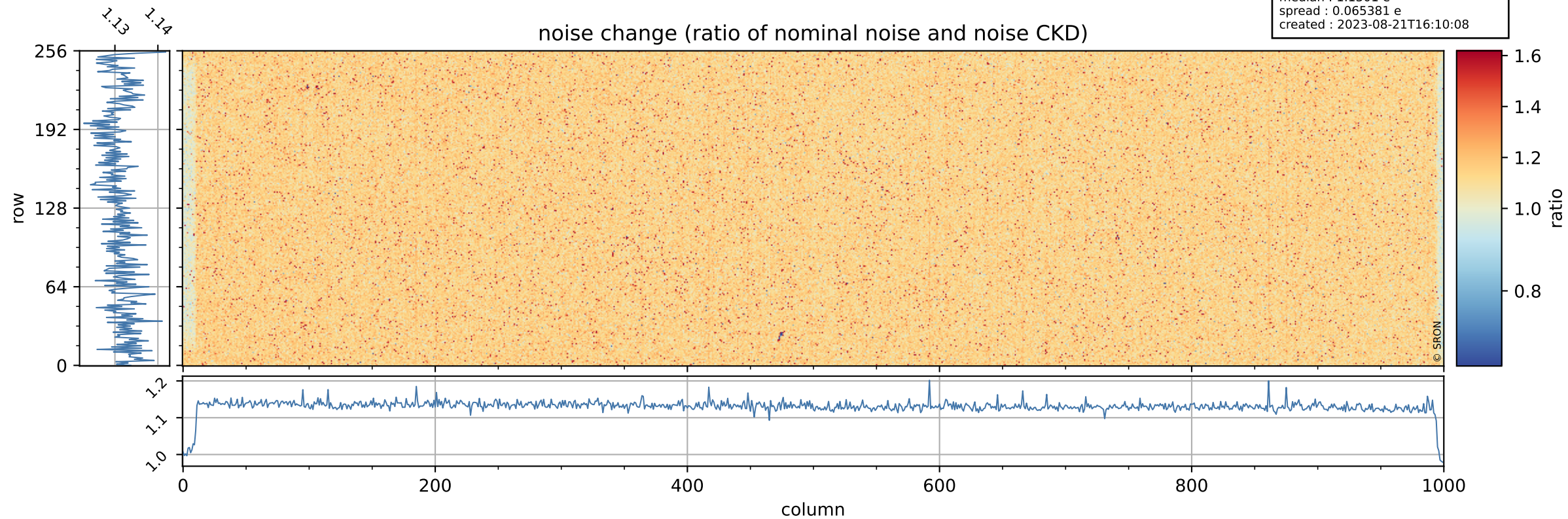
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20137, 20227]
coverage : 2021-09-02 / 2021-09-08
median : 1.0033 e
spread : 0.011937 e
created : 2023-08-21T16:10:07



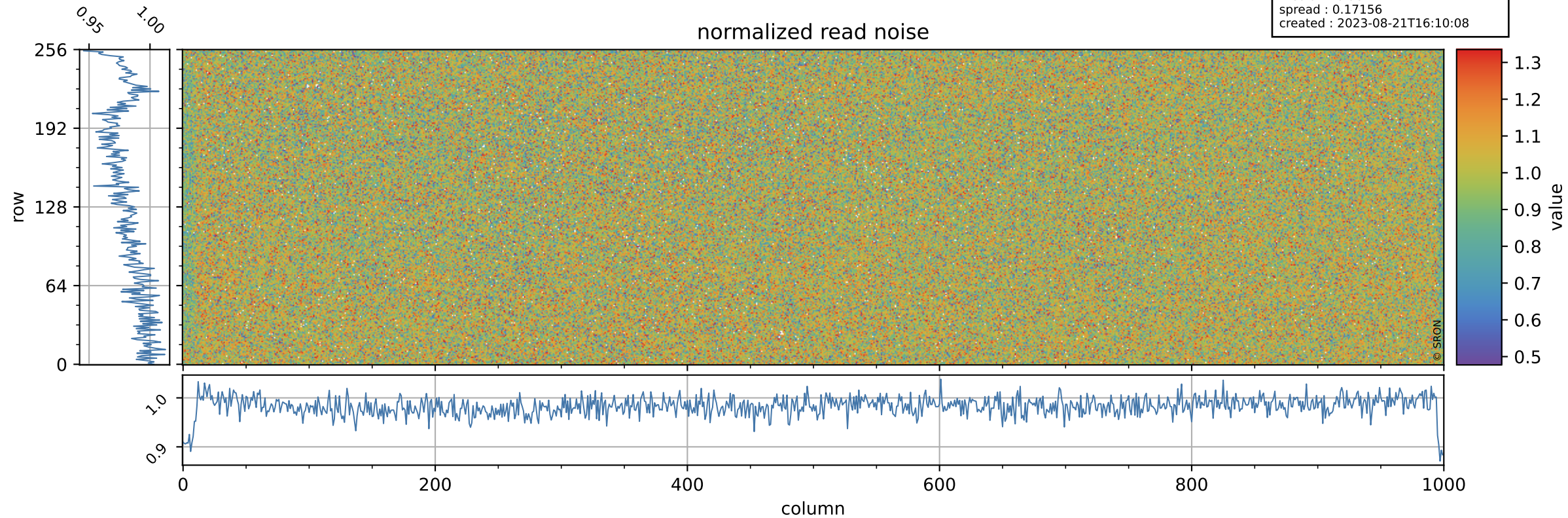
Tropomi SWIR background noise (swir)

orbits : 12 in [20137, 20227]
coverage : 2021-09-02 / 2021-09-08
median : 1.1301 e
spread : 0.065381 e
created : 2023-08-21T16:10:08



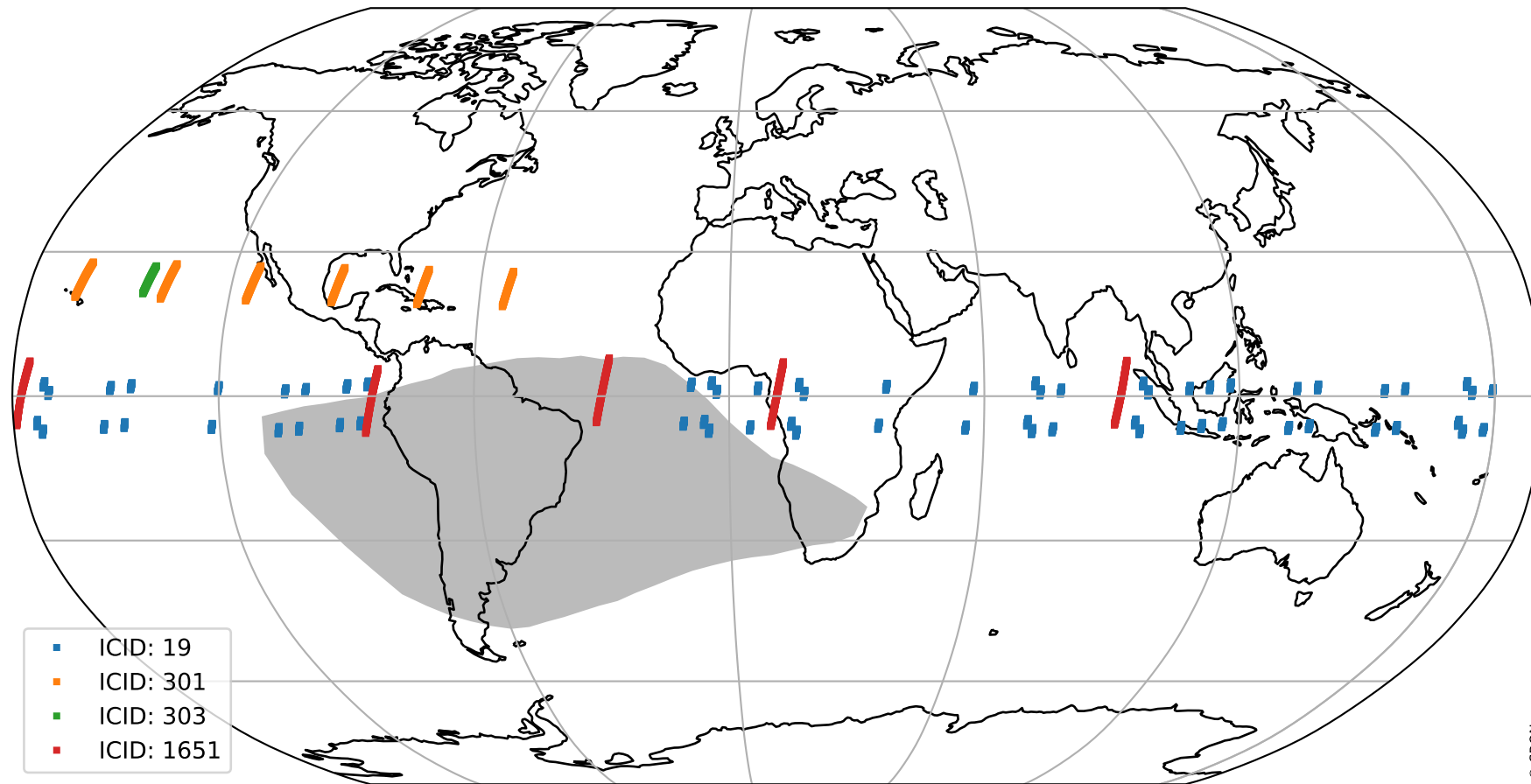
Tropomi SWIR background noise (swir)

orbits : 12 in [20137, 20227]
coverage : 2021-09-02 / 2021-09-08
median : 0.98147
spread : 0.17156
created : 2023-08-21T16:10:08



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

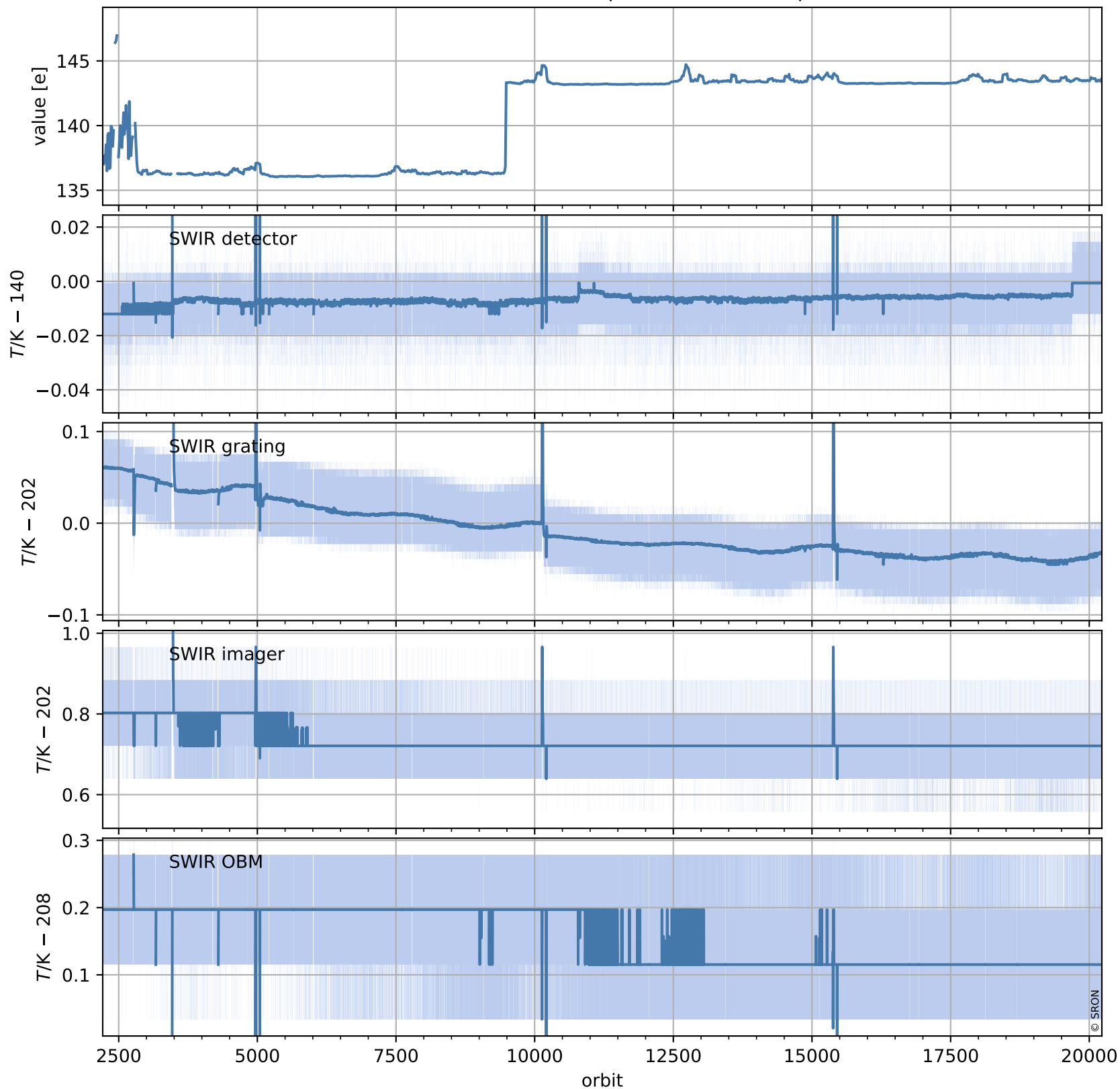
orbits : 12 in [20137, 20227]
coverage : 2021-09-02 / 2021-09-08
created : 2023-08-21T16:10:09



Tropomi SWIR background noise (swir)

orbits : [2212, 20227]
coverage : 2018-03-18 / 2021-09-08
created : 2023-08-21T16:10:09

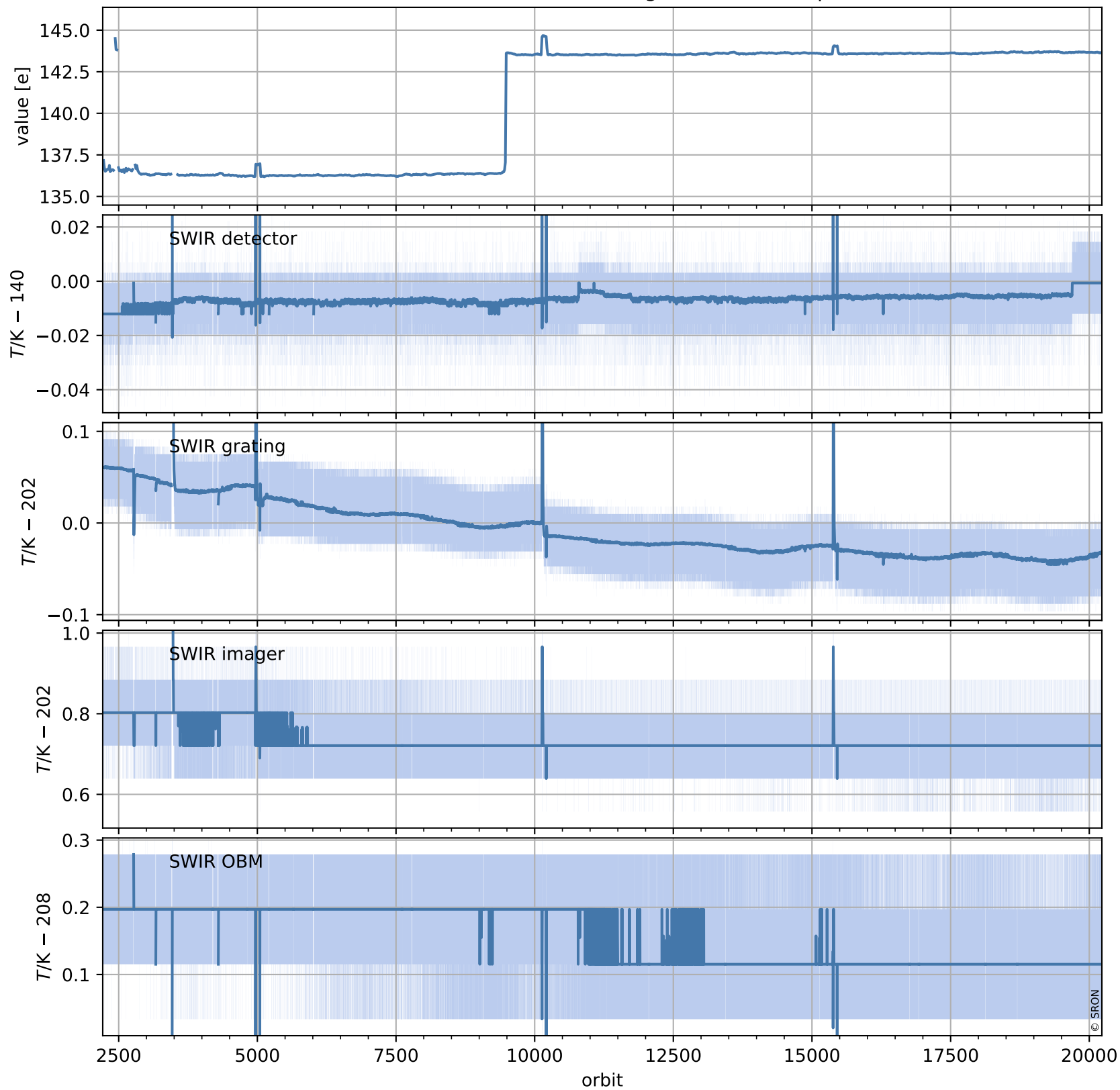
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20227]
coverage : 2018-03-18 / 2021-09-08
created : 2023-08-21T16:10:10

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20227]
coverage : 2018-03-18 / 2021-09-08
created : 2023-08-21T16:10:11

trend of normalized read-noise & temperatures

