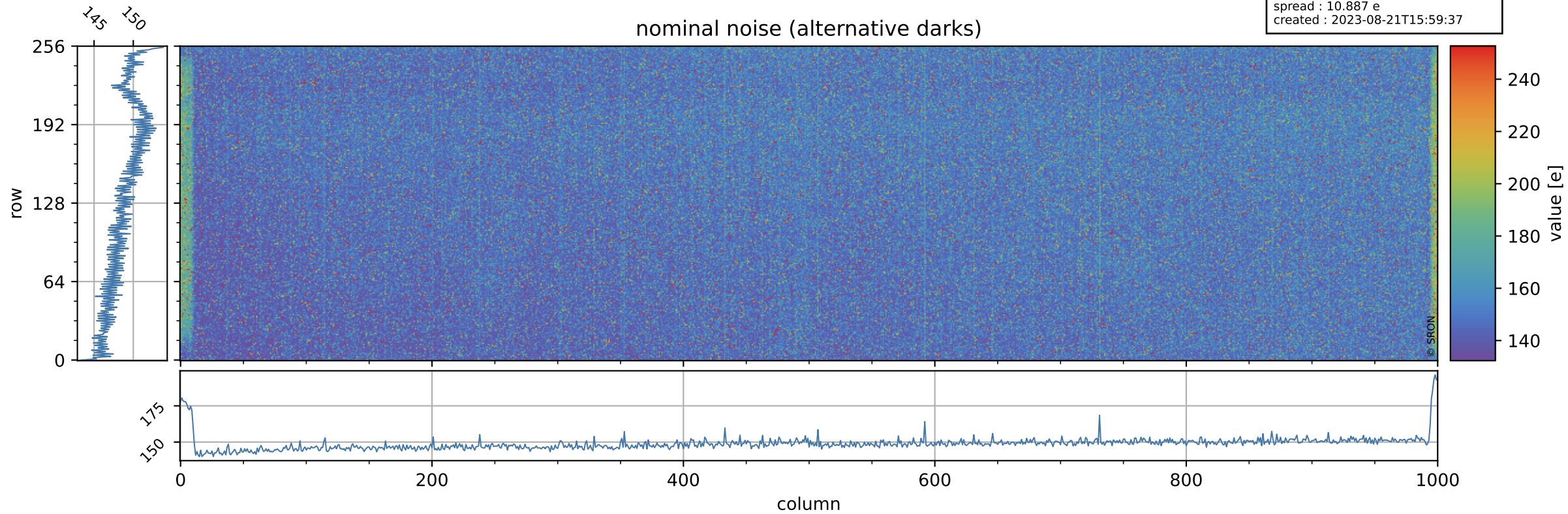


Tropomi SWIR background noise (swir)

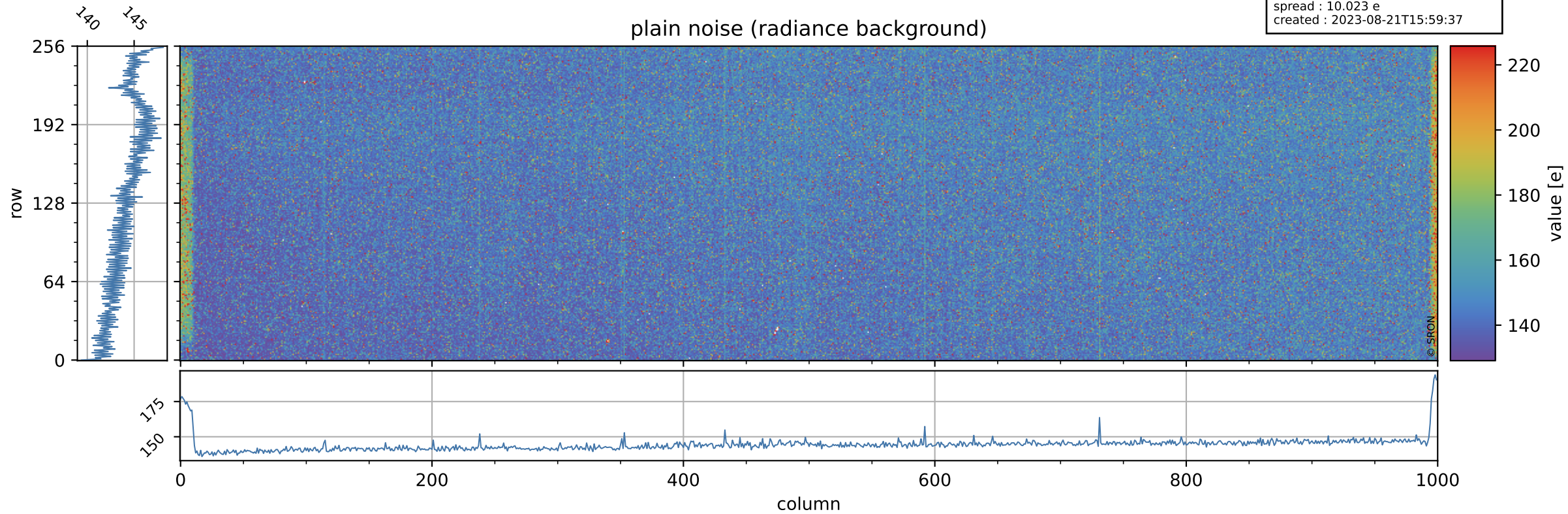
orbits : 12 in [18397, 18487]
coverage : 2021-05-02 / 2021-05-08
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.887 e
created : 2023-08-21T15:59:37



Tropomi SWIR background noise (swir)

orbits : 12 in [18397, 18487]
coverage : 2021-05-02 / 2021-05-08
n_coad, t_exp : 1, 0.8383
median : 144.1 e
spread : 10.023 e
created : 2023-08-21T15:59:37

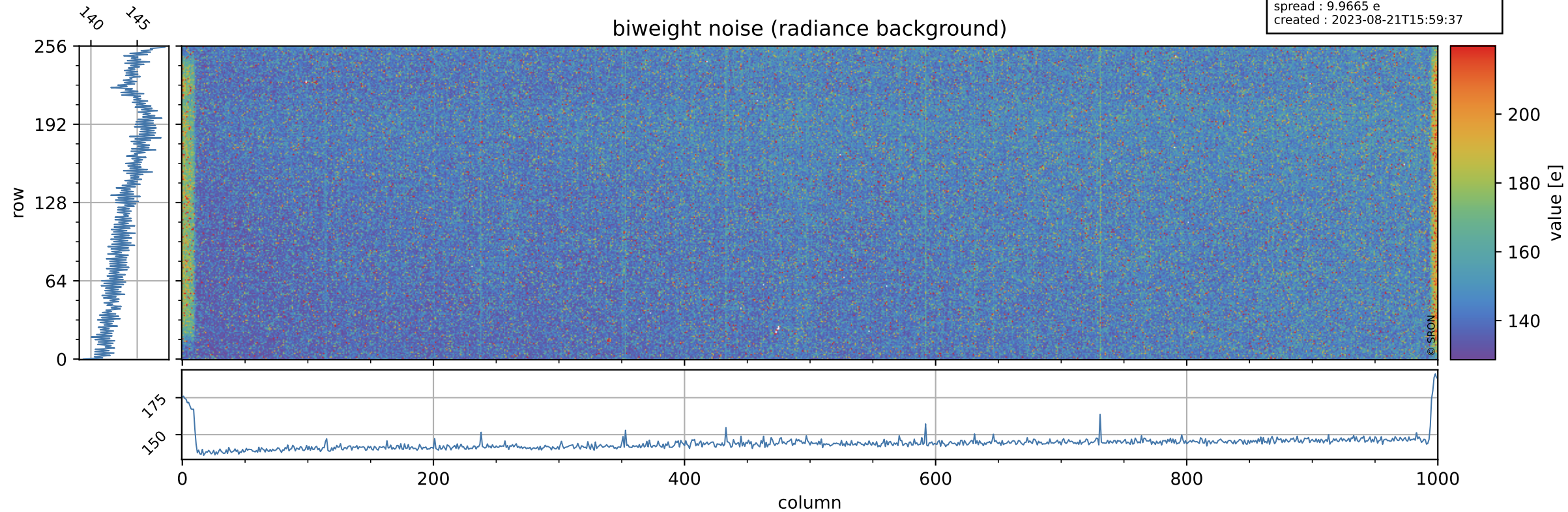
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18397, 18487]
coverage : 2021-05-02 / 2021-05-08
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.9665 e
created : 2023-08-21T15:59:37

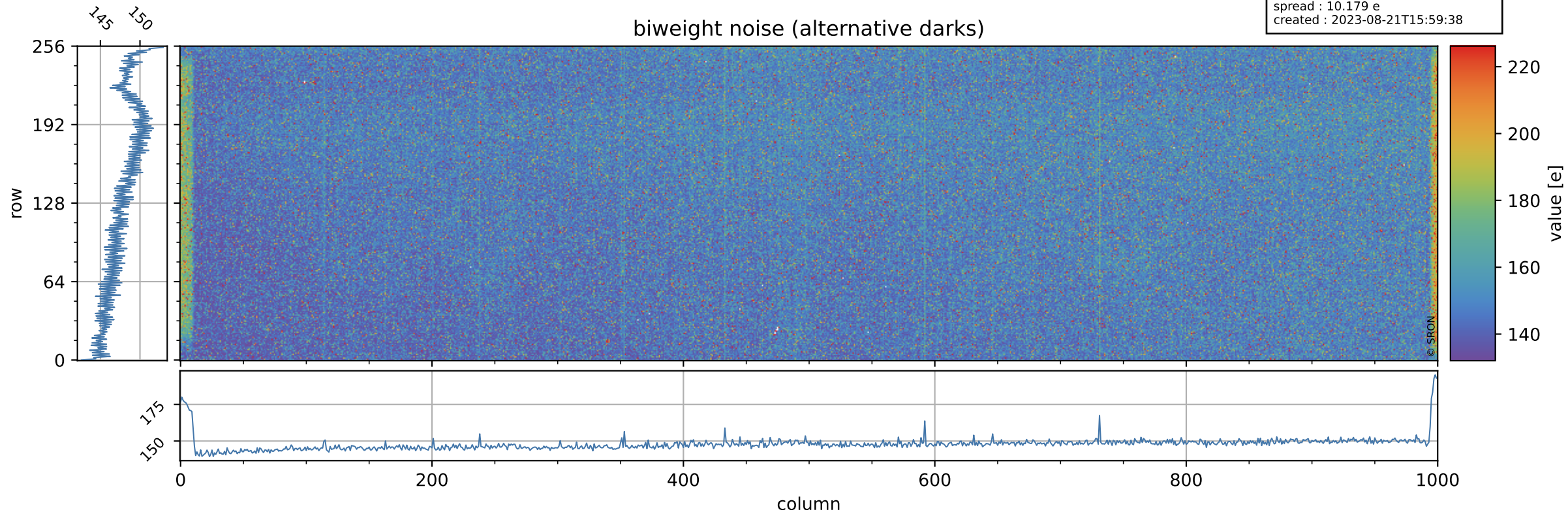
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18397, 18487]
coverage : 2021-05-02 / 2021-05-08
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.179 e
created : 2023-08-21T15:59:38

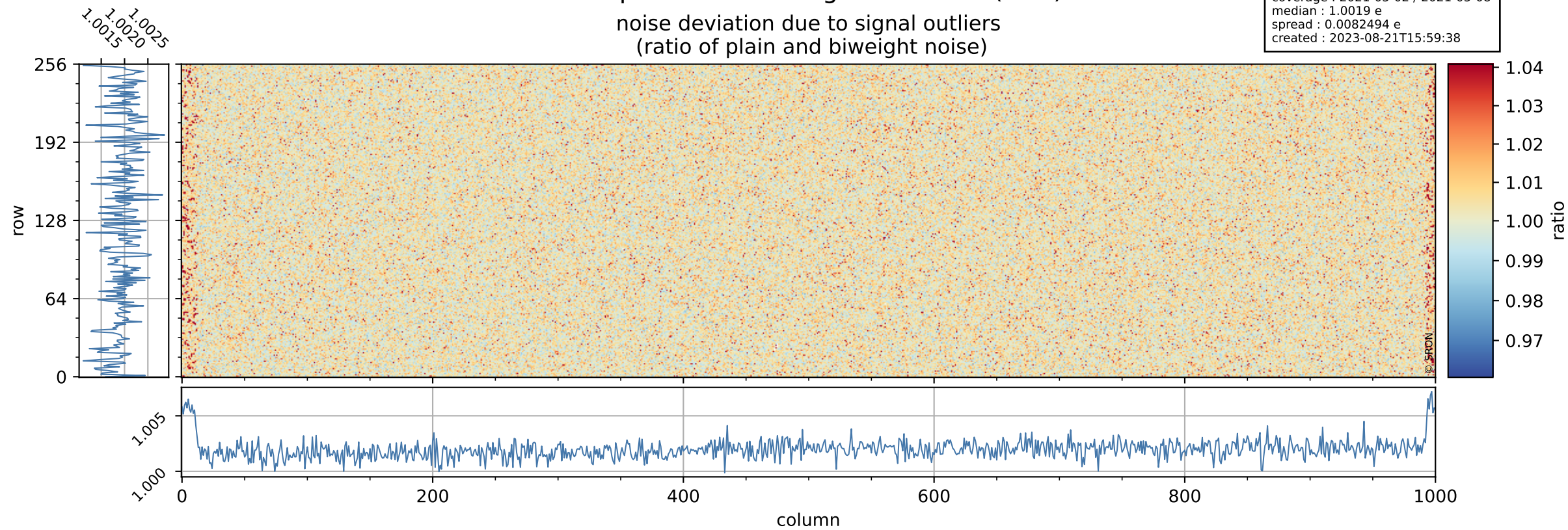
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

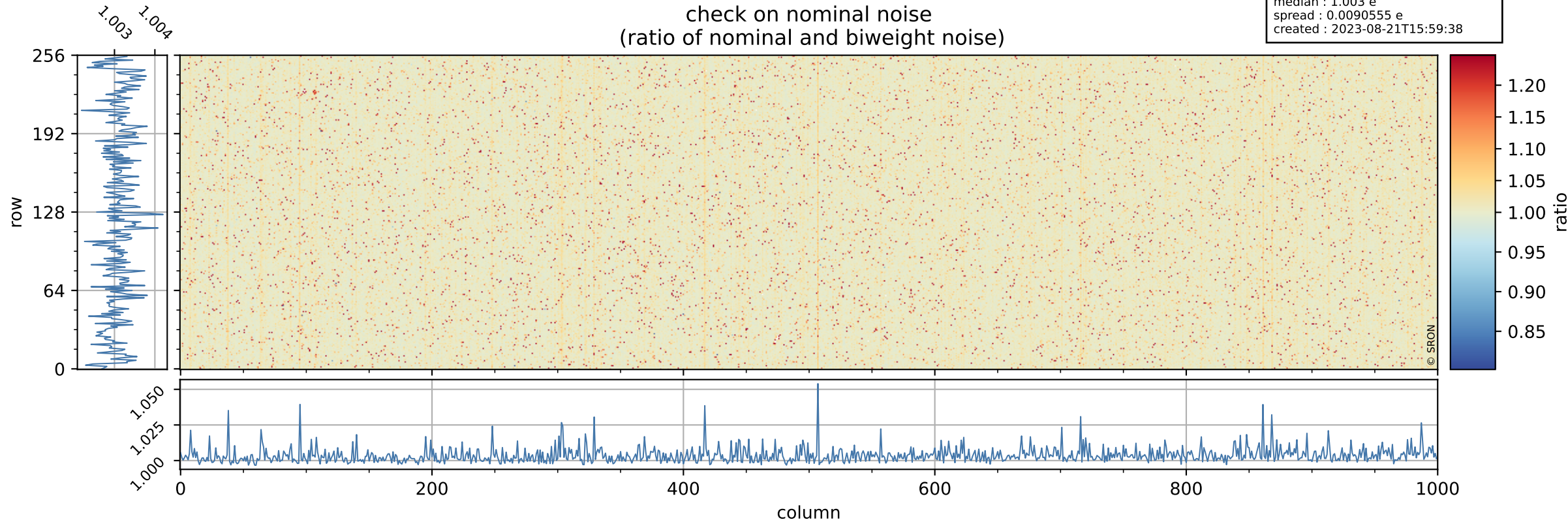
orbits : 12 in [18397, 18487]
coverage : 2021-05-02 / 2021-05-08
median : 1.0019 e
spread : 0.0082494 e
created : 2023-08-21T15:59:38



Tropomi SWIR background noise (swir)

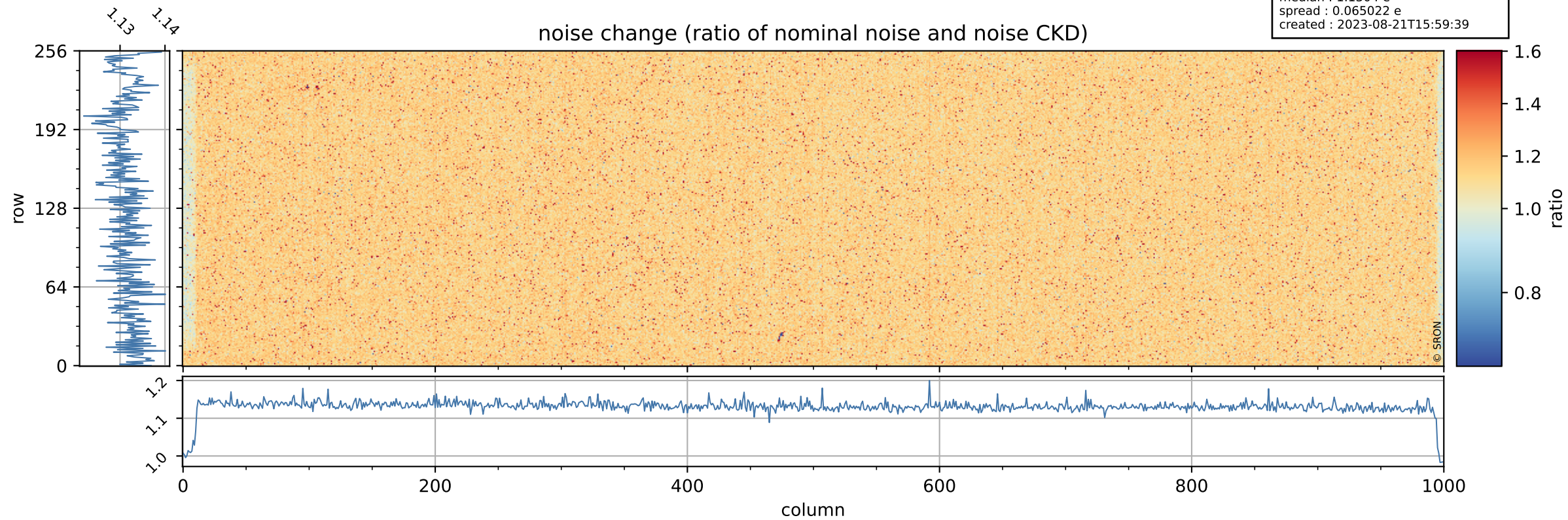
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18397, 18487]
coverage : 2021-05-02 / 2021-05-08
median : 1.003 e
spread : 0.0090555 e
created : 2023-08-21T15:59:38



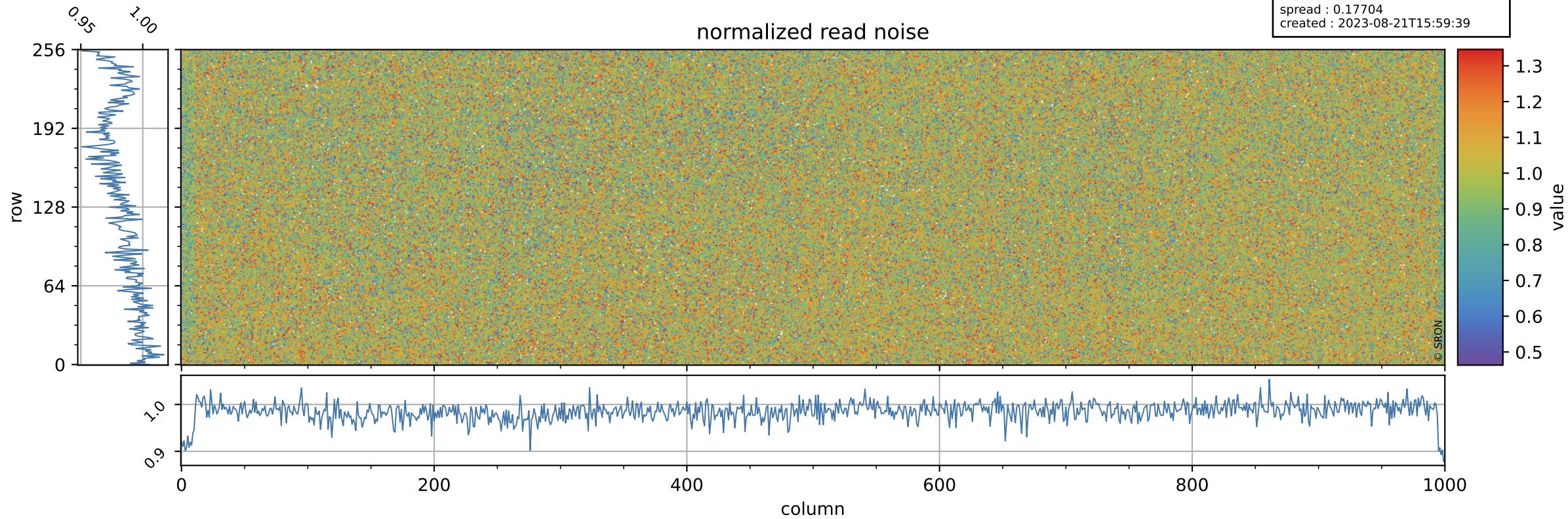
Tropomi SWIR background noise (swir)

orbits : 12 in [18397, 18487]
coverage : 2021-05-02 / 2021-05-08
median : 1.1304 e
spread : 0.065022 e
created : 2023-08-21T15:59:39



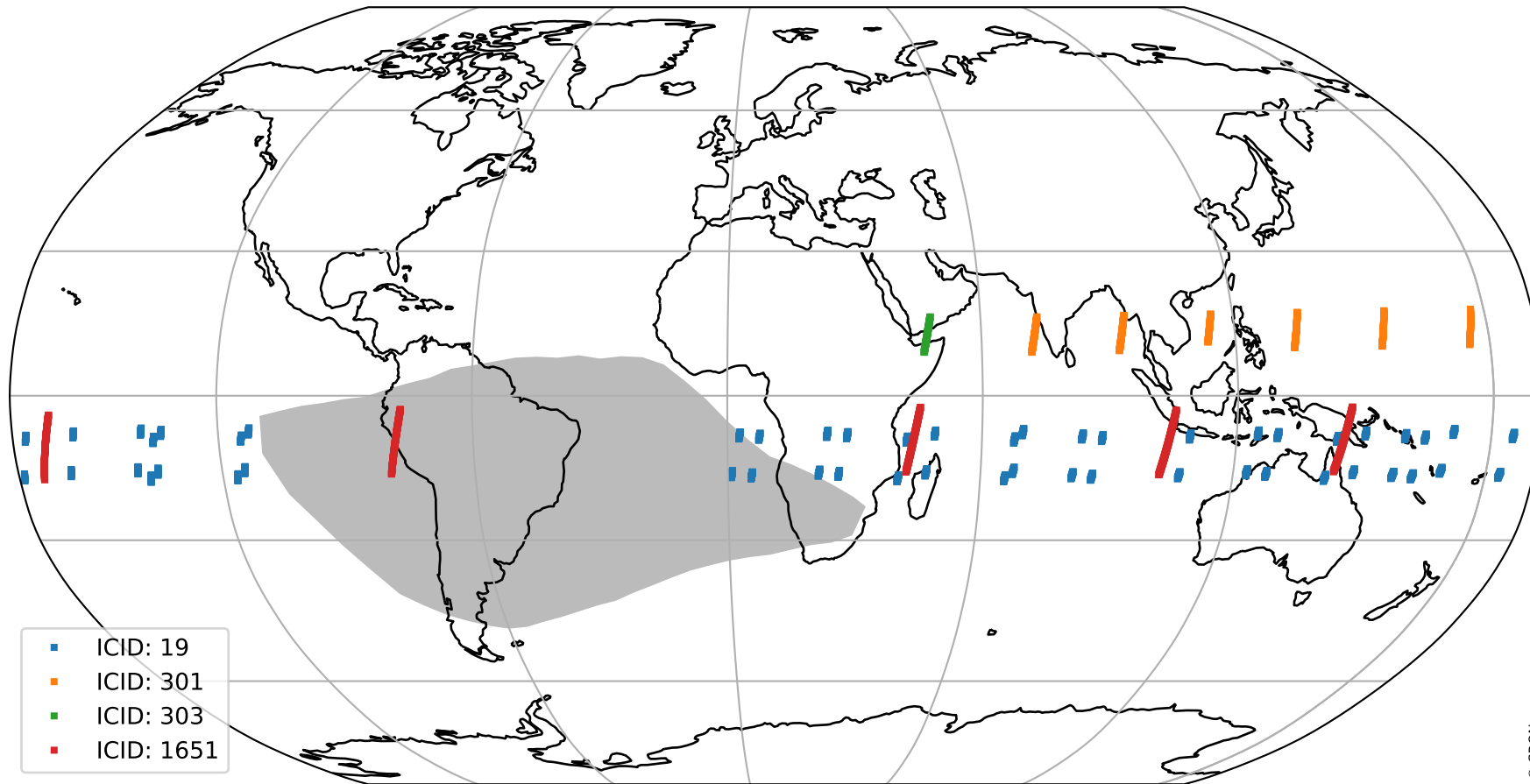
Tropomi SWIR background noise (swir)

orbits : 12 in [18397, 18487]
coverage : 2021-05-02 / 2021-05-08
median : 0.98295
spread : 0.17704
created : 2023-08-21T15:59:39



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

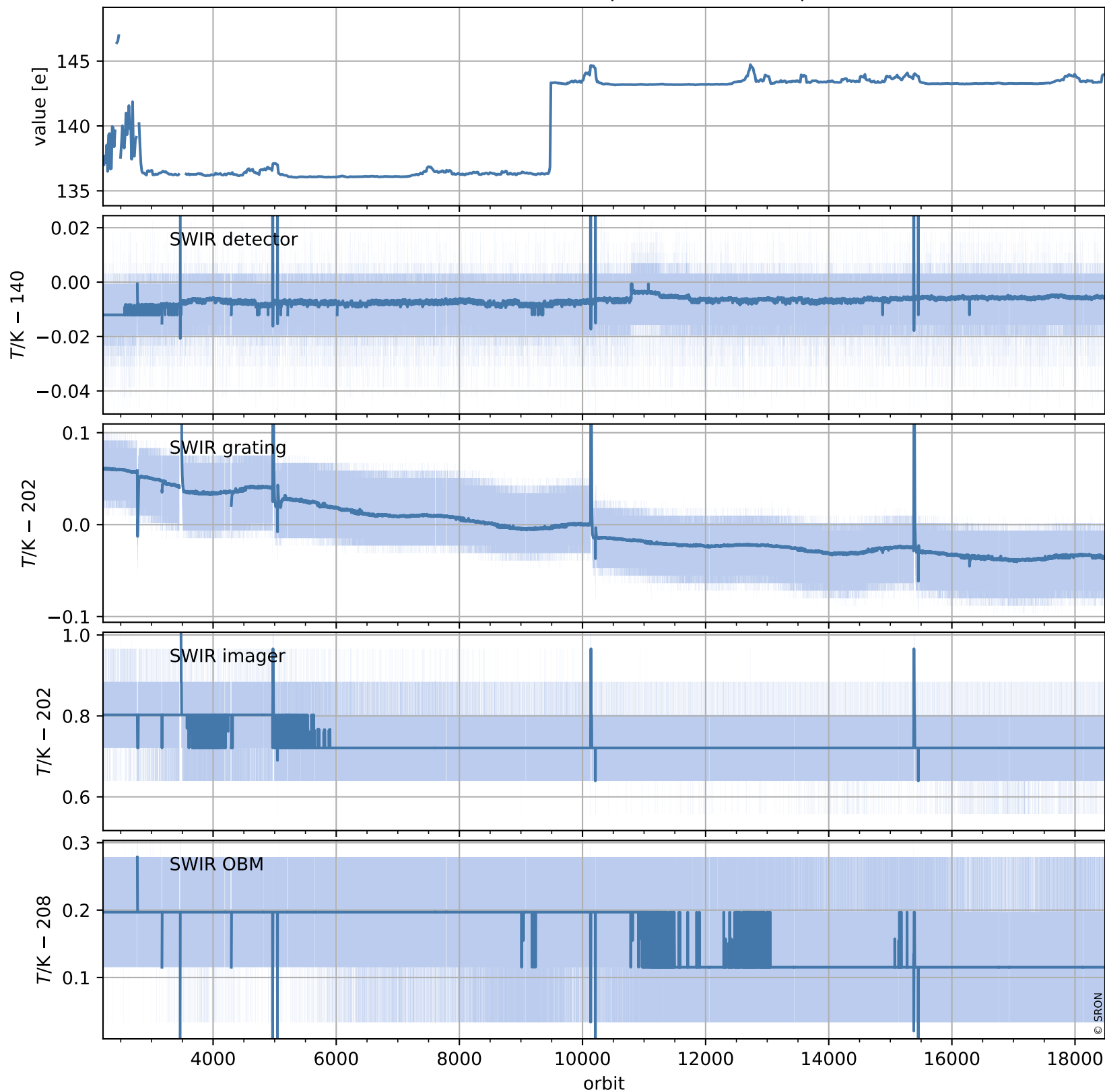
orbits : 12 in [18397, 18487]
coverage : 2021-05-02 / 2021-05-08
created : 2023-08-21T15:59:39



Tropomi SWIR background noise (swir)

orbits : [2212, 18487]
coverage : 2018-03-18 / 2021-05-08
created : 2023-08-21T15:59:40

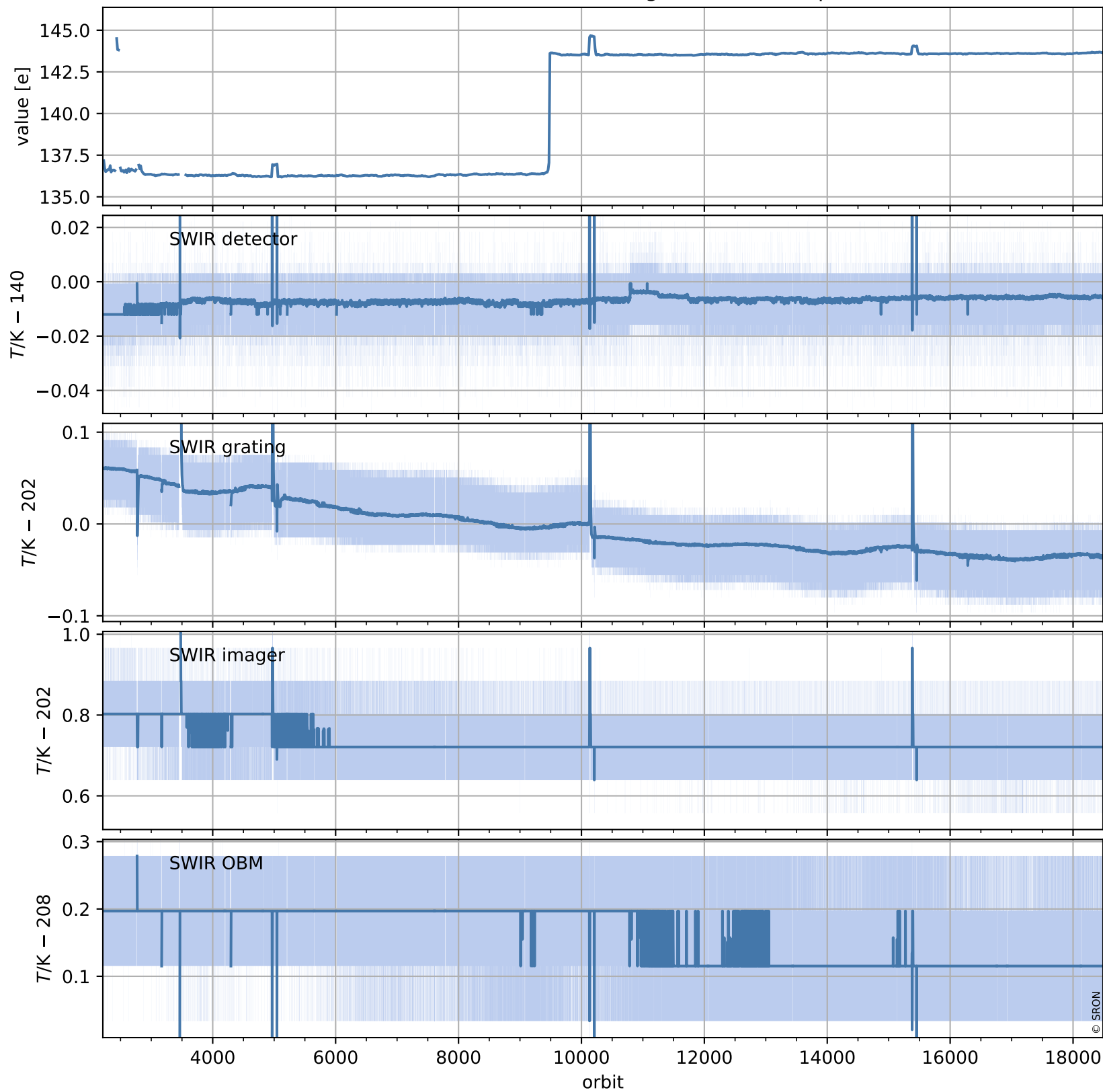
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18487]
coverage : 2018-03-18 / 2021-05-08
created : 2023-08-21T15:59:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18487]
coverage : 2018-03-18 / 2021-05-08
created : 2023-08-21T15:59:41

trend of normalized read-noise & temperatures

