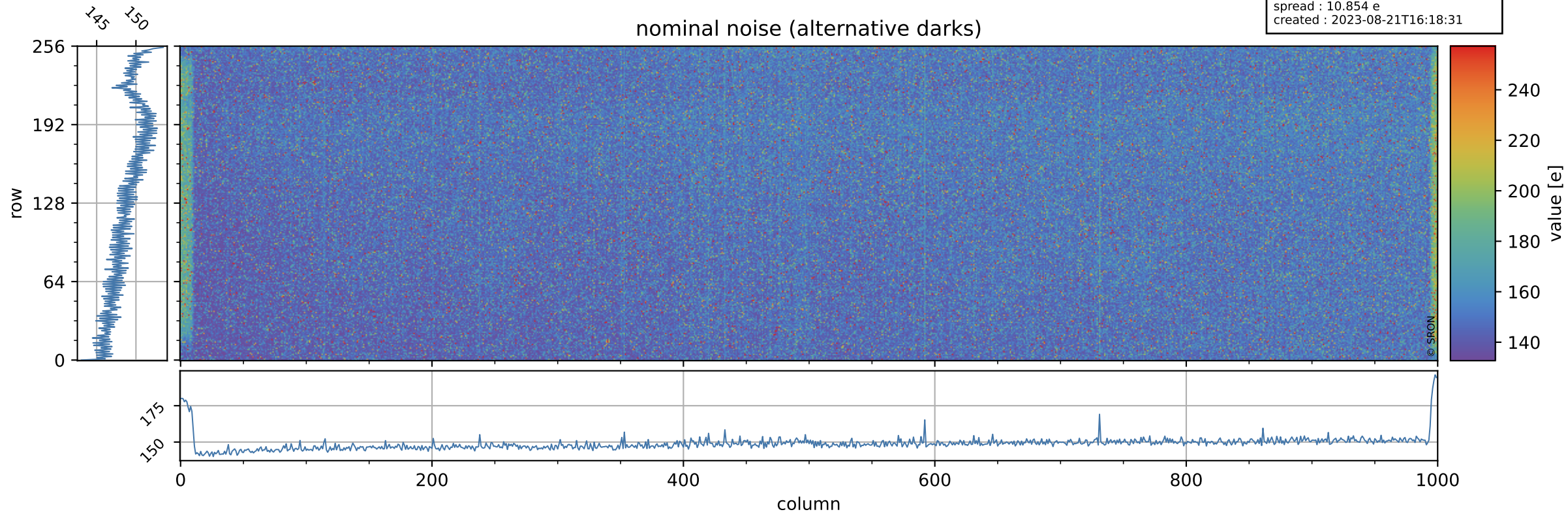


Tropomi SWIR background noise (swir)

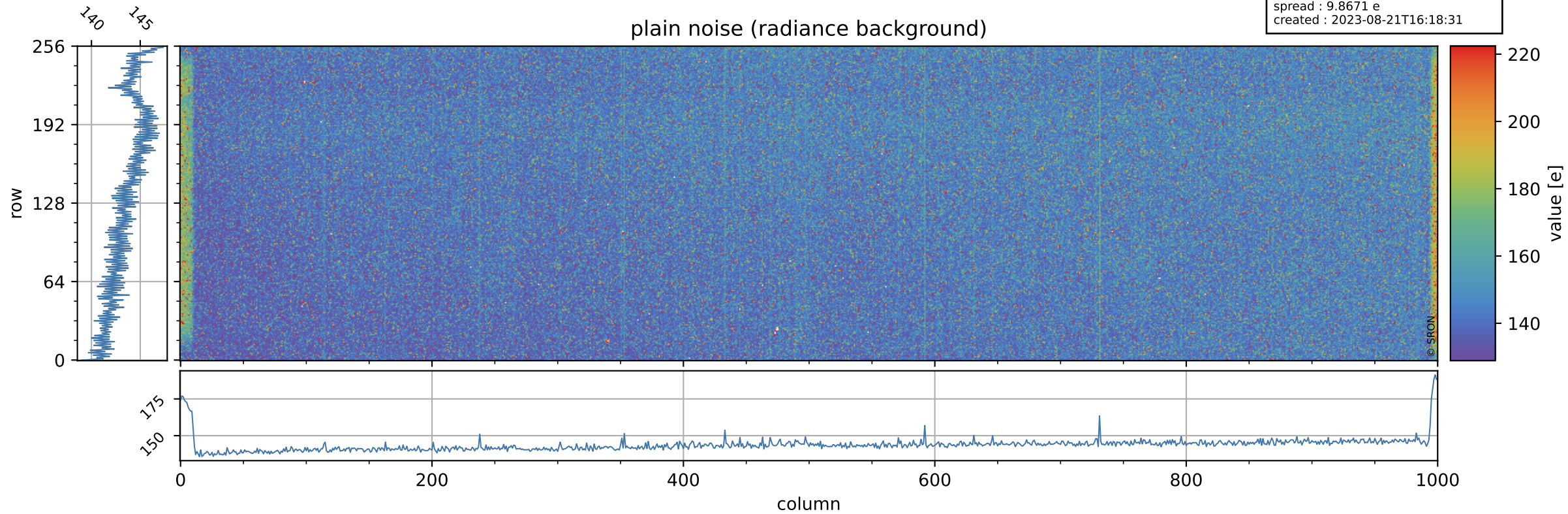
orbits : 13 in [21487, 21577]
coverage : 2021-12-06 / 2021-12-12
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 10.854 e
created : 2023-08-21T16:18:31



Tropomi SWIR background noise (swir)

orbits : 13 in [21487, 21577]
coverage : 2021-12-06 / 2021-12-12
n_coad, t_exp : 1, 0.8383
median : 143.5 e
spread : 9.8671 e
created : 2023-08-21T16:18:31

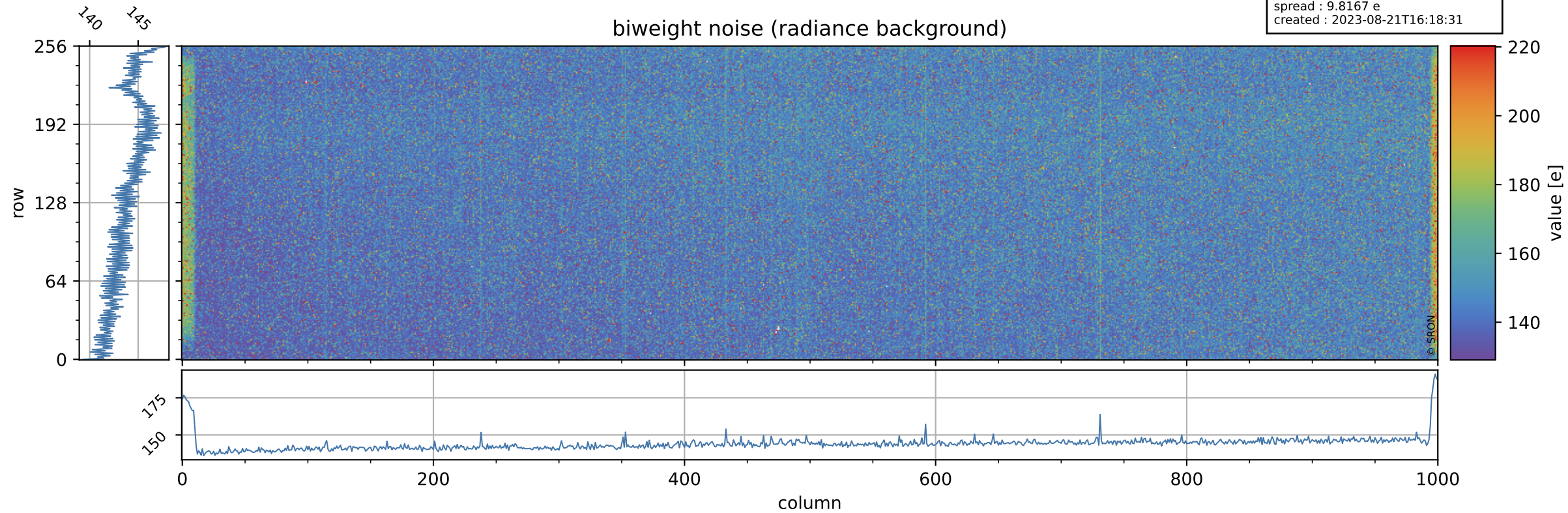
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21487, 21577]
coverage : 2021-12-06 / 2021-12-12
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.8167 e
created : 2023-08-21T16:18:31

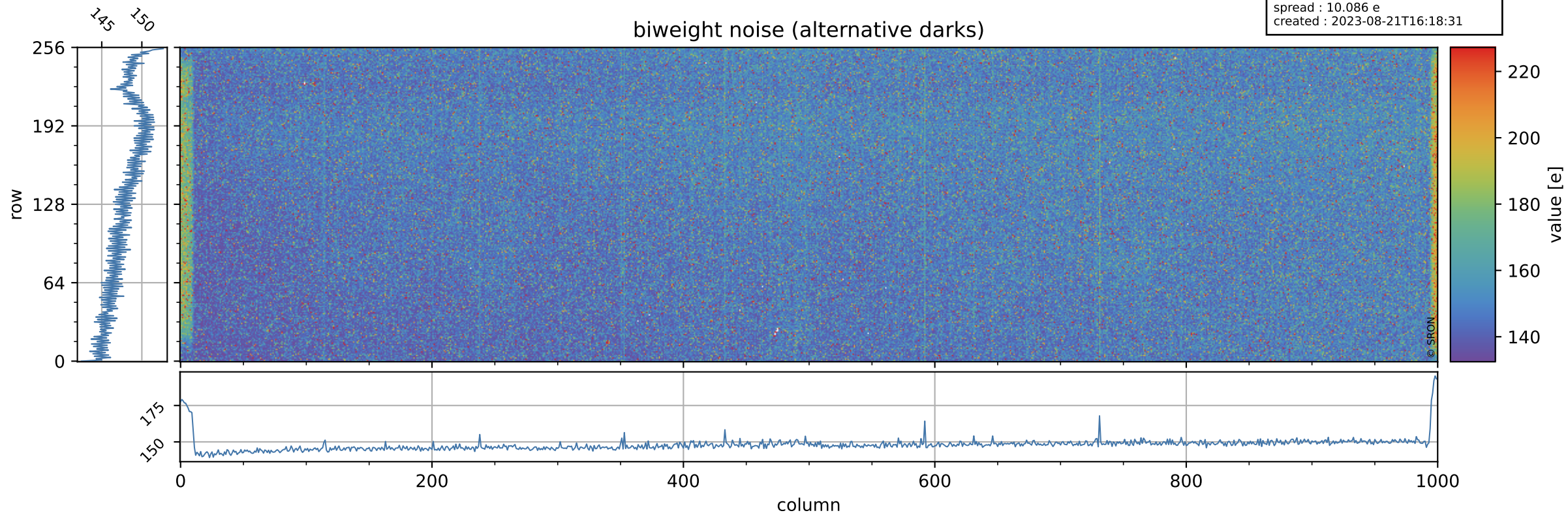
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21487, 21577]
coverage : 2021-12-06 / 2021-12-12
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.086 e
created : 2023-08-21T16:18:31

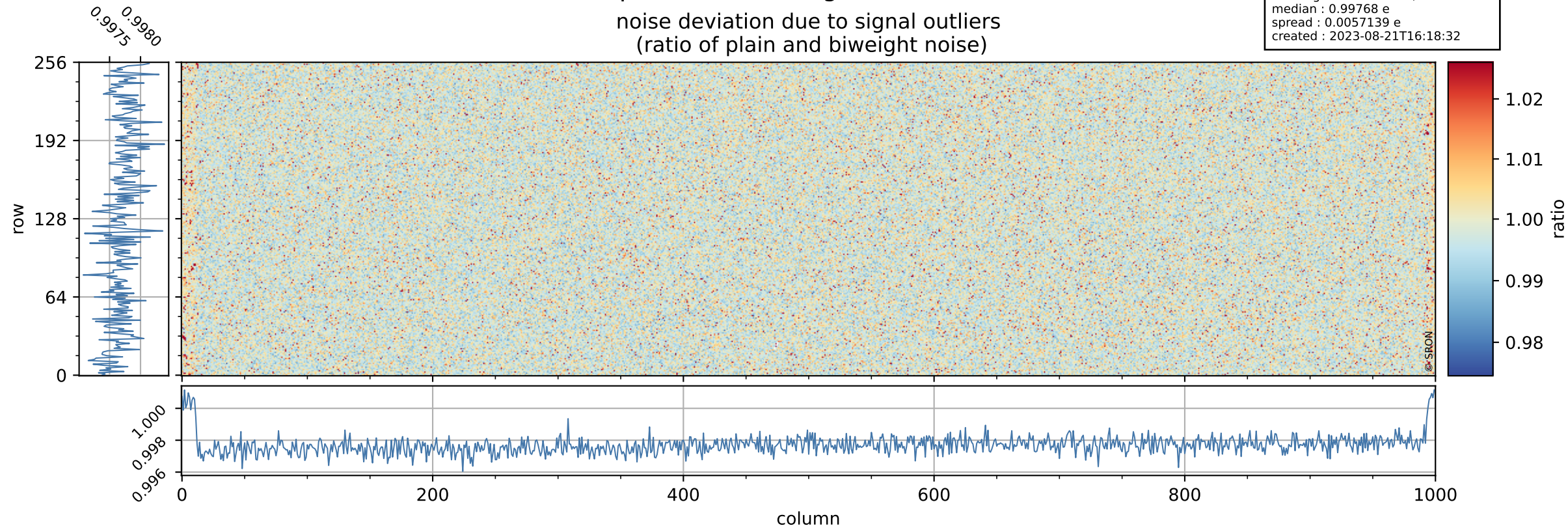
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

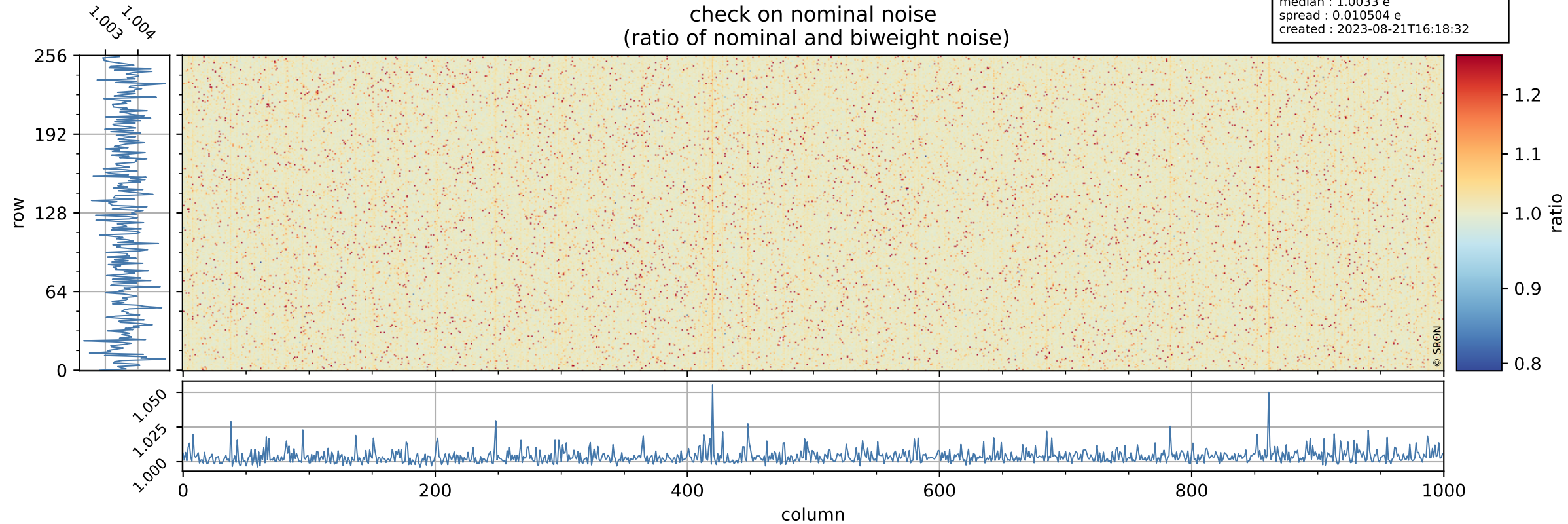
orbits : 13 in [21487, 21577]
coverage : 2021-12-06 / 2021-12-12
median : 0.99768 e
spread : 0.0057139 e
created : 2023-08-21T16:18:32



Tropomi SWIR background noise (swir)

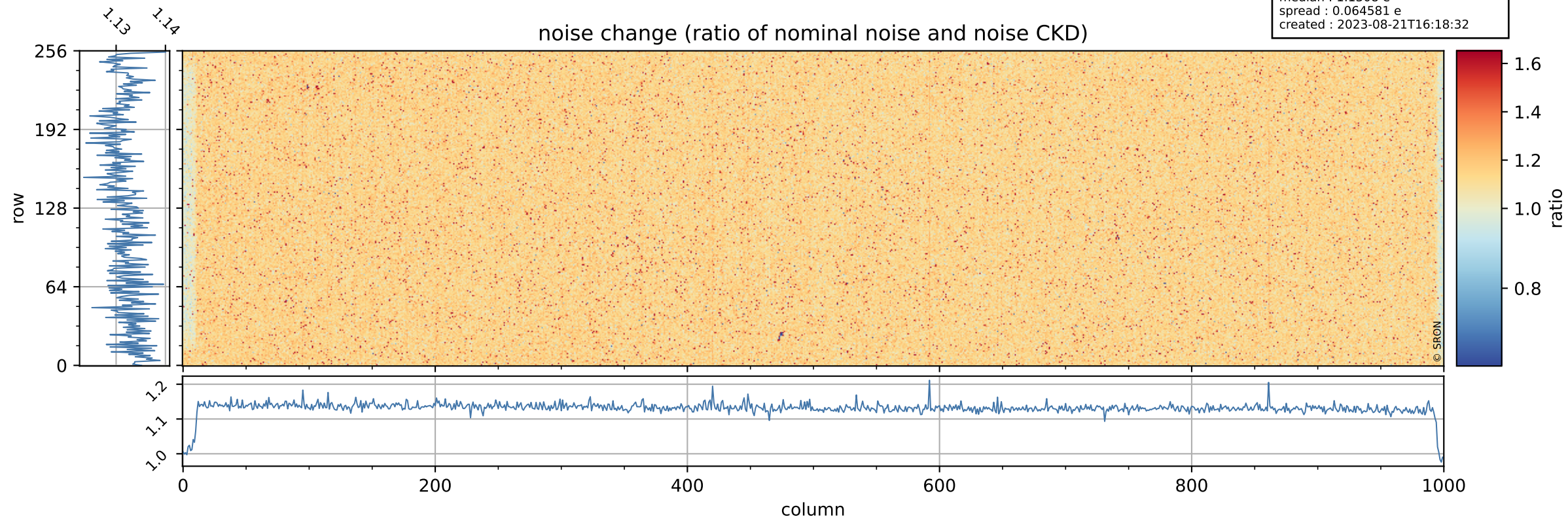
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [21487, 21577]
coverage : 2021-12-06 / 2021-12-12
median : 1.0033 e
spread : 0.010504 e
created : 2023-08-21T16:18:32



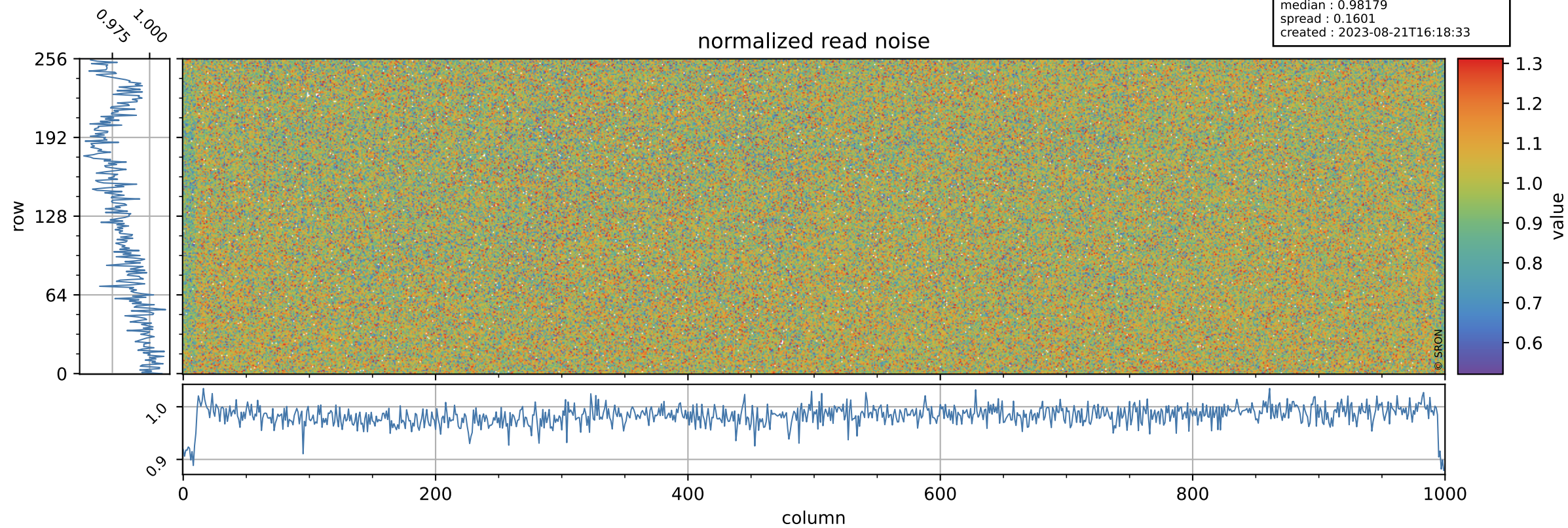
Tropomi SWIR background noise (swir)

orbits : 13 in [21487, 21577]
coverage : 2021-12-06 / 2021-12-12
median : 1.1308 e
spread : 0.064581 e
created : 2023-08-21T16:18:32



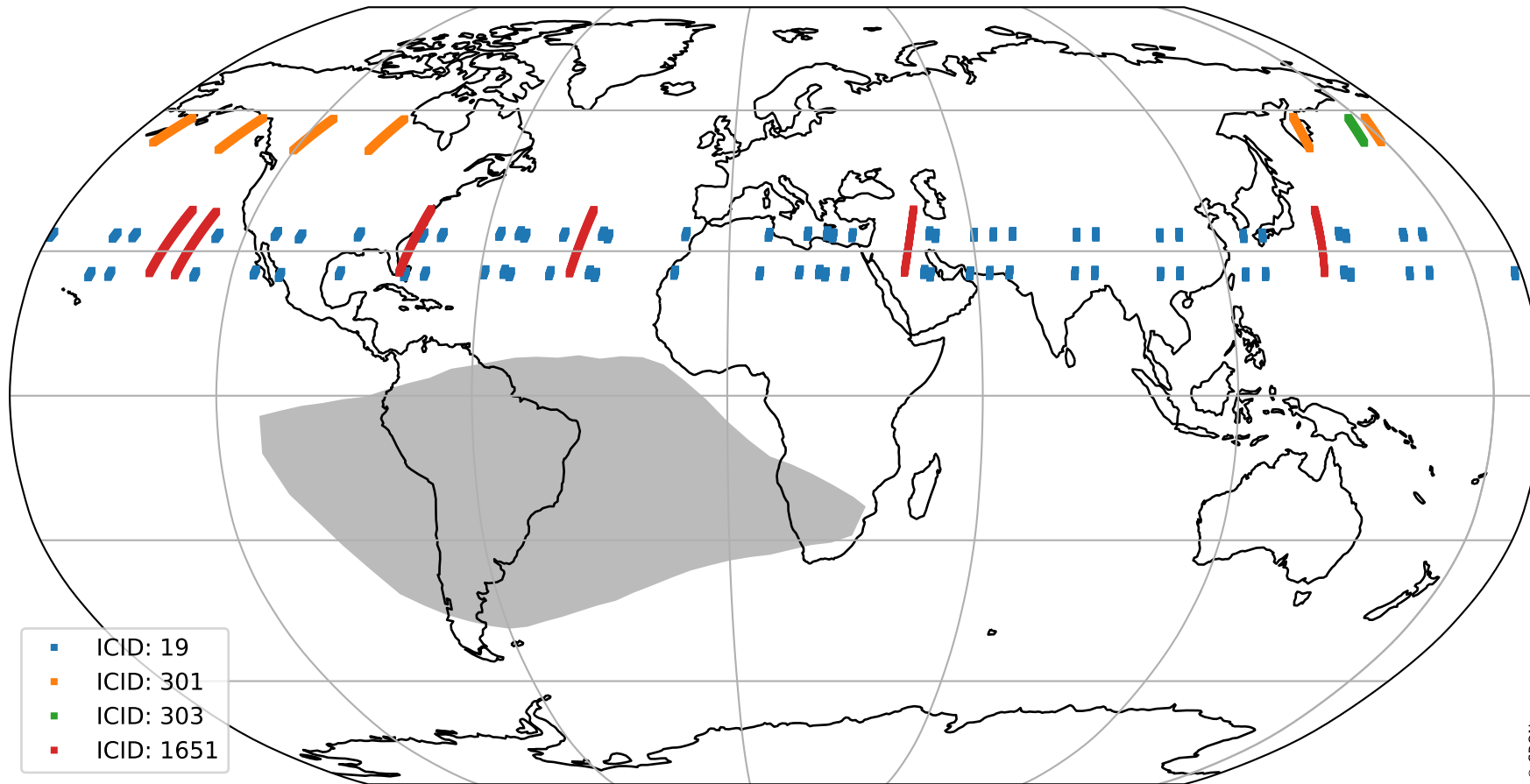
Tropomi SWIR background noise (swir)

orbits : 13 in [21487, 21577]
coverage : 2021-12-06 / 2021-12-12
median : 0.98179
spread : 0.1601
created : 2023-08-21T16:18:33



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

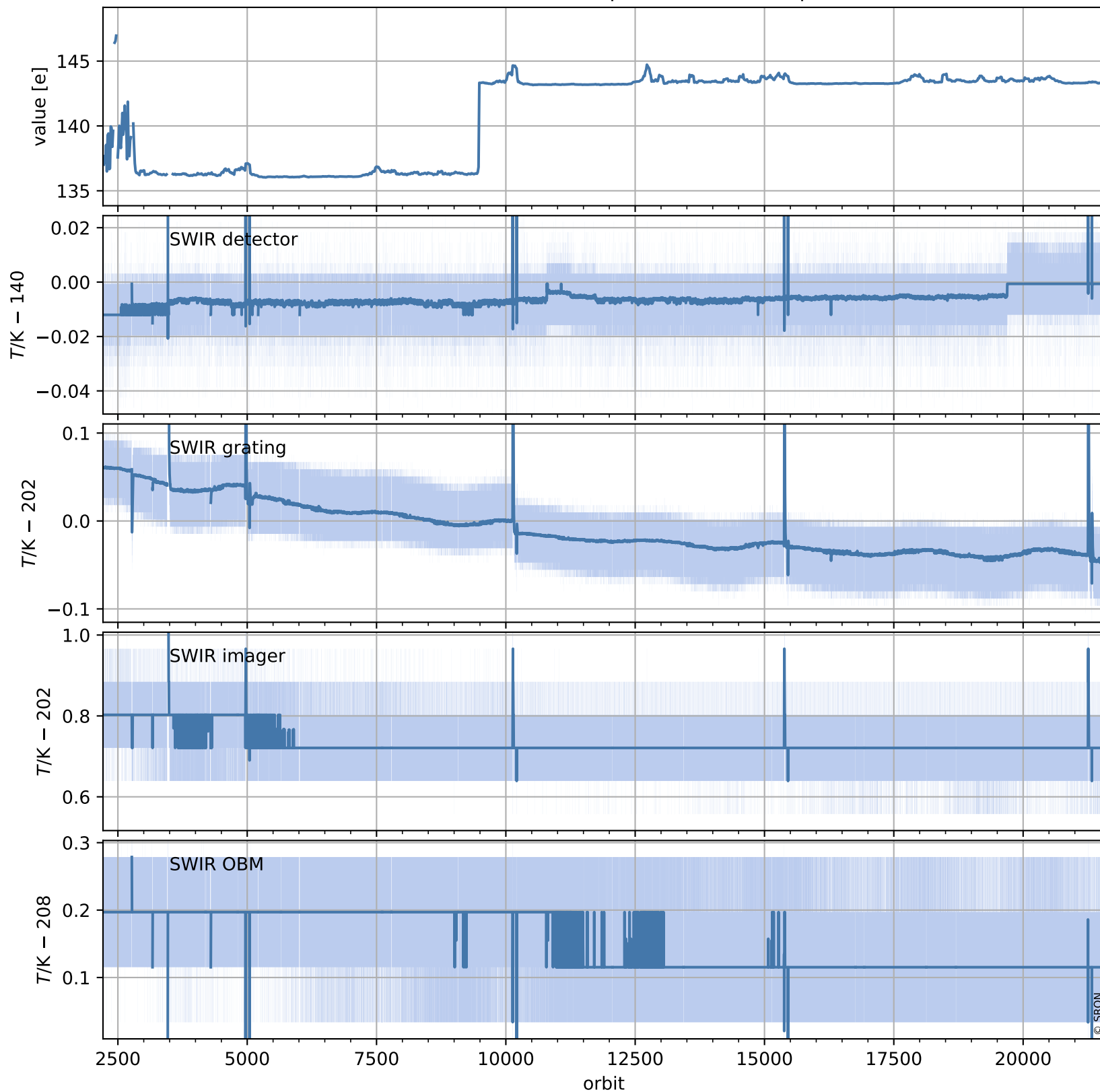
orbits : 13 in [21487, 21577]
coverage : 2021-12-06 / 2021-12-12
created : 2023-08-21T16:18:33



Tropomi SWIR background noise (swir)

orbits : [2212, 21577]
coverage : 2018-03-18 / 2021-12-12
created : 2023-08-21T16:18:33

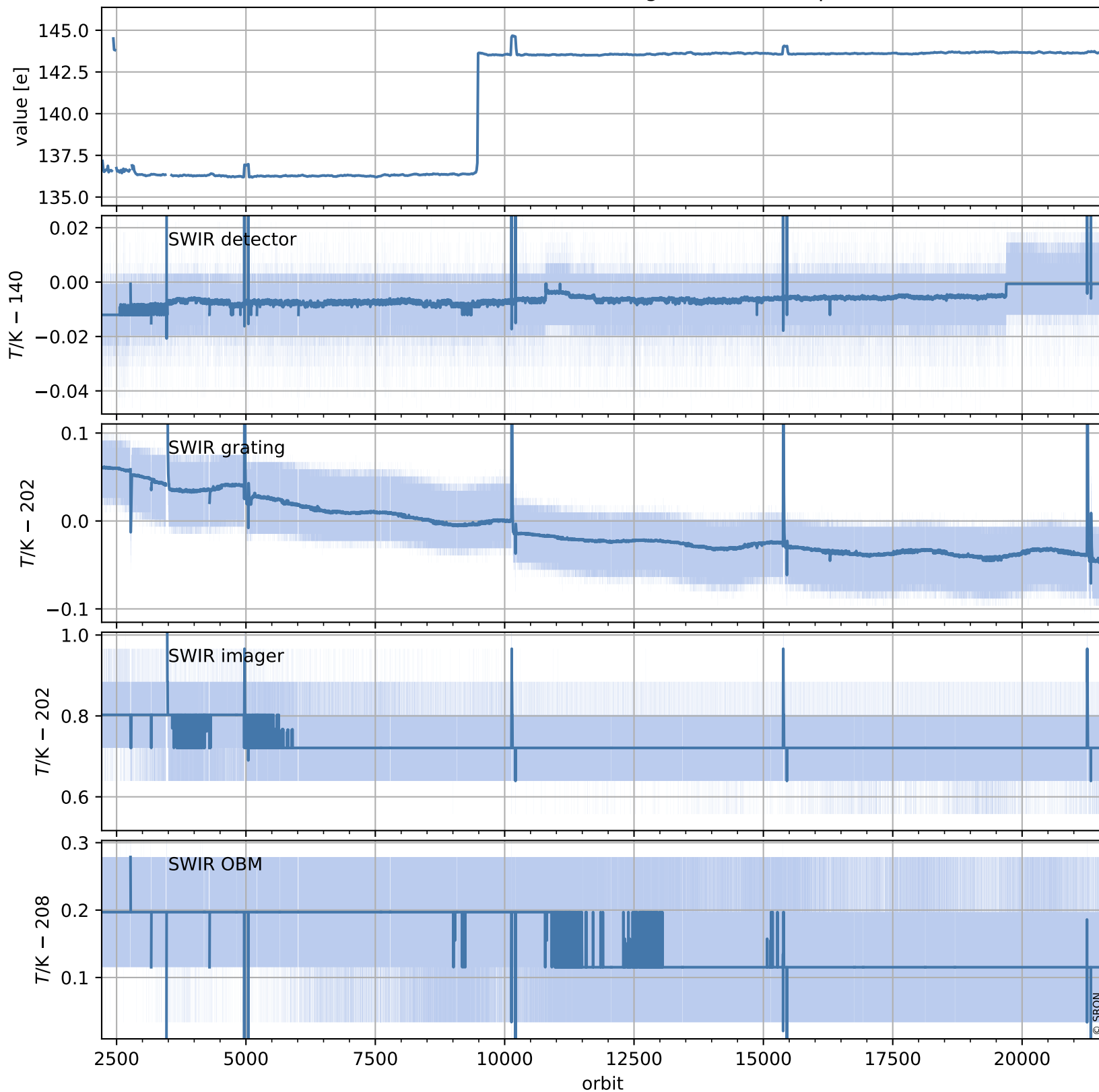
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21577]
coverage : 2018-03-18 / 2021-12-12
created : 2023-08-21T16:18:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21577]
coverage : 2018-03-18 / 2021-12-12
created : 2023-08-21T16:18:35

trend of normalized read-noise & temperatures

