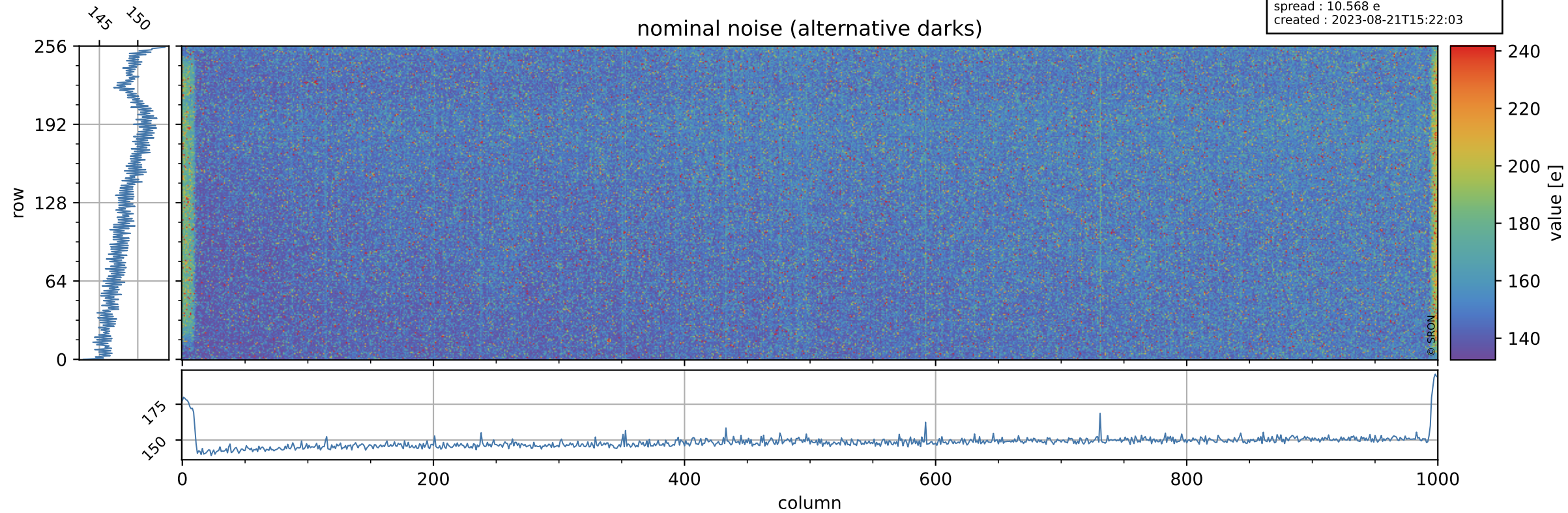


Tropomi SWIR background noise (swir)

orbits : 12 in [11722, 11797]
coverage : 2020-01-16 / 2020-01-22
n_coad, t_exp : 1, 1.0783
median : 148.39 e
spread : 10.568 e
created : 2023-08-21T15:22:03

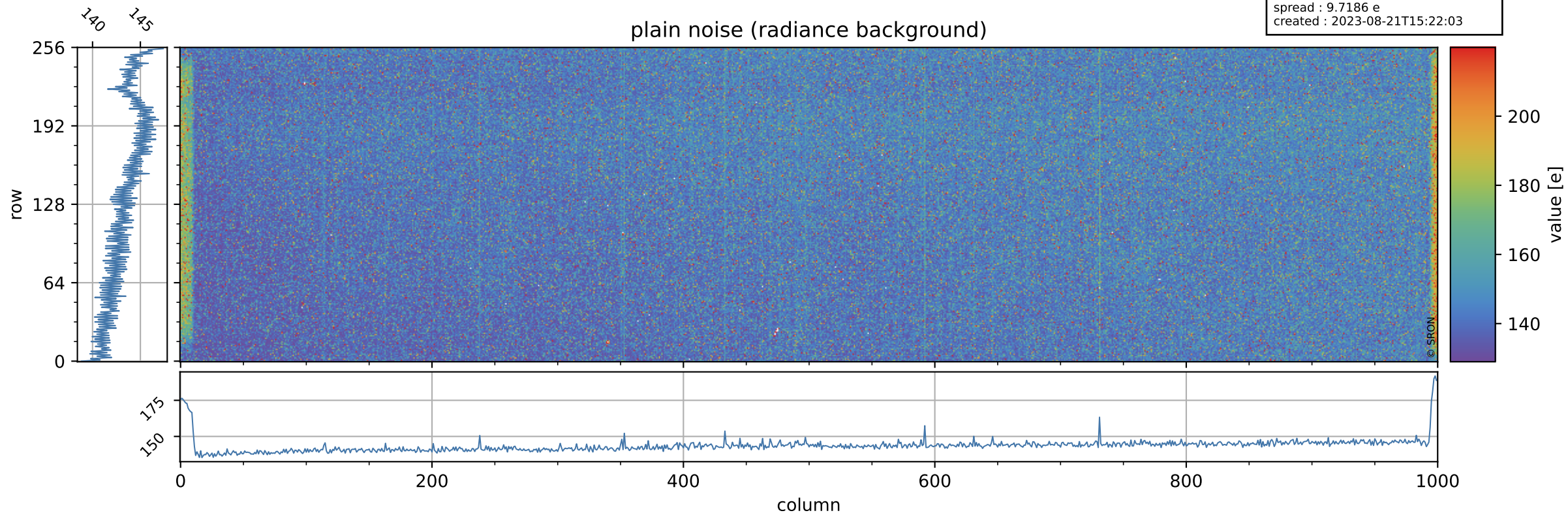
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11722, 11797]
coverage : 2020-01-16 / 2020-01-22
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7186 e
created : 2023-08-21T15:22:03

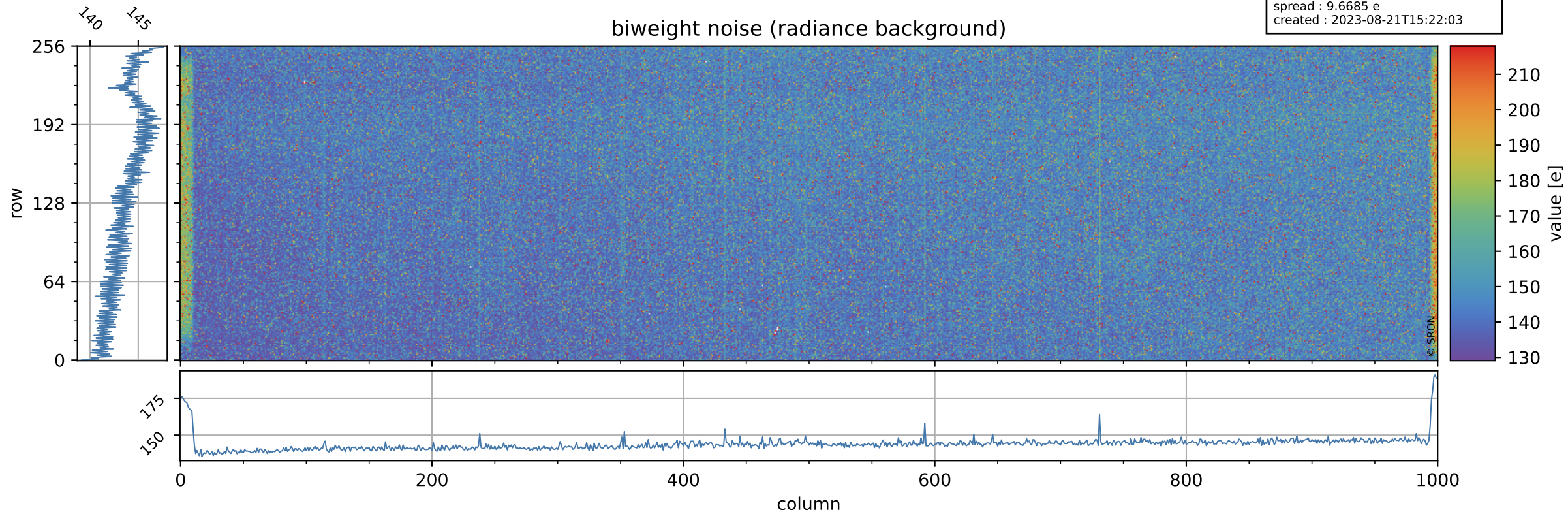
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11722, 11797]
coverage : 2020-01-16 / 2020-01-22
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.6685 e
created : 2023-08-21T15:22:03

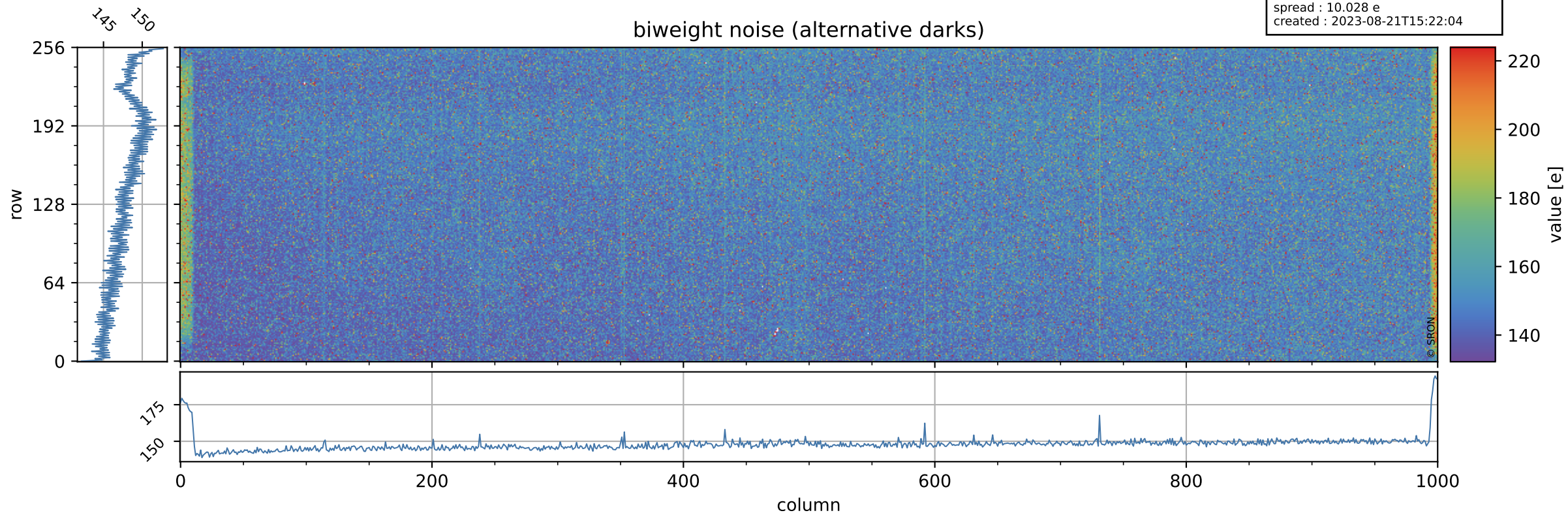
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11722, 11797]
coverage : 2020-01-16 / 2020-01-22
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.028 e
created : 2023-08-21T15:22:04

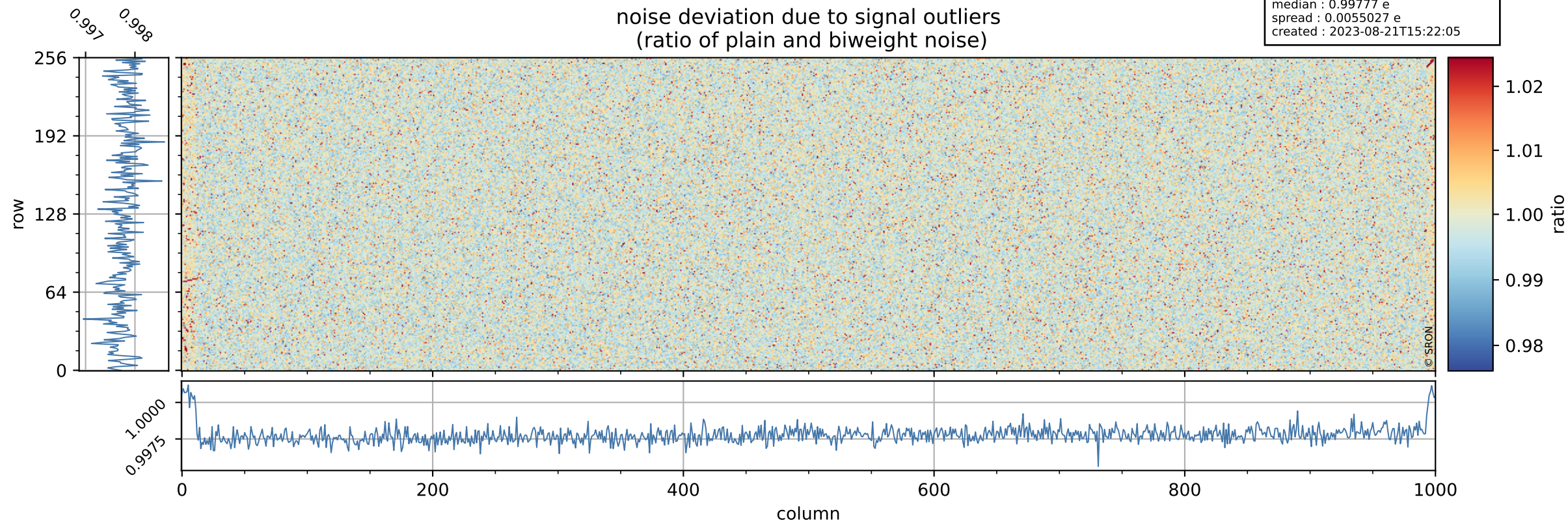
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

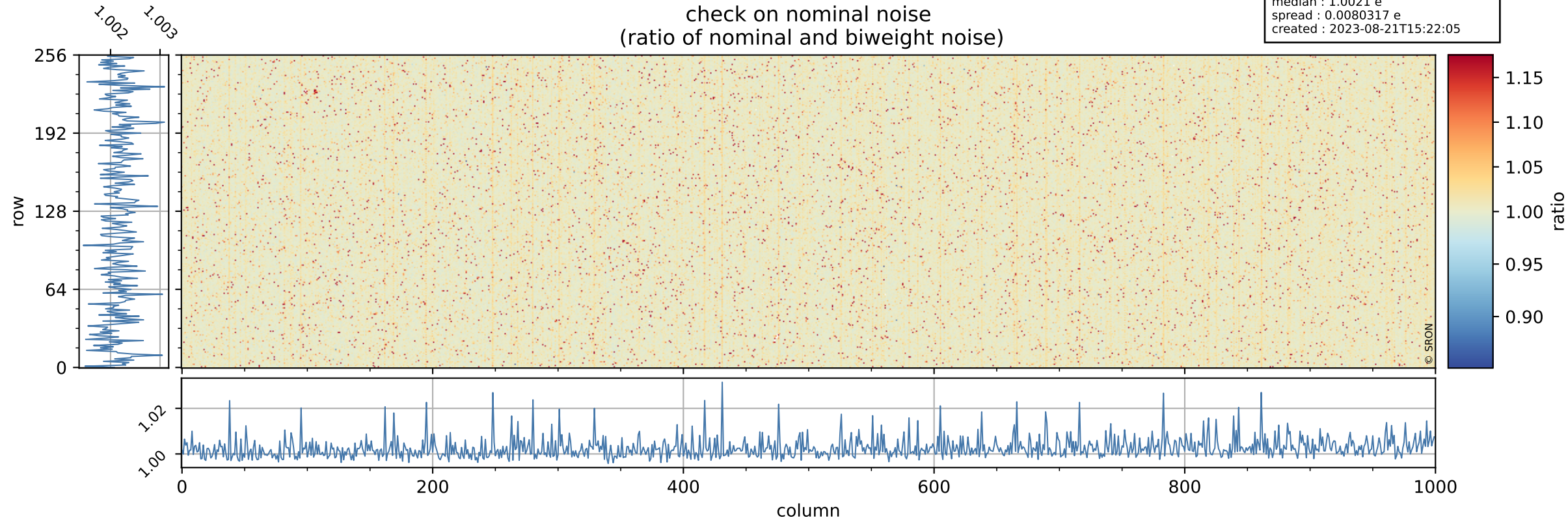
orbits : 12 in [11722, 11797]
coverage : 2020-01-16 / 2020-01-22
median : 0.99777 e
spread : 0.0055027 e
created : 2023-08-21T15:22:05



Tropomi SWIR background noise (swir)

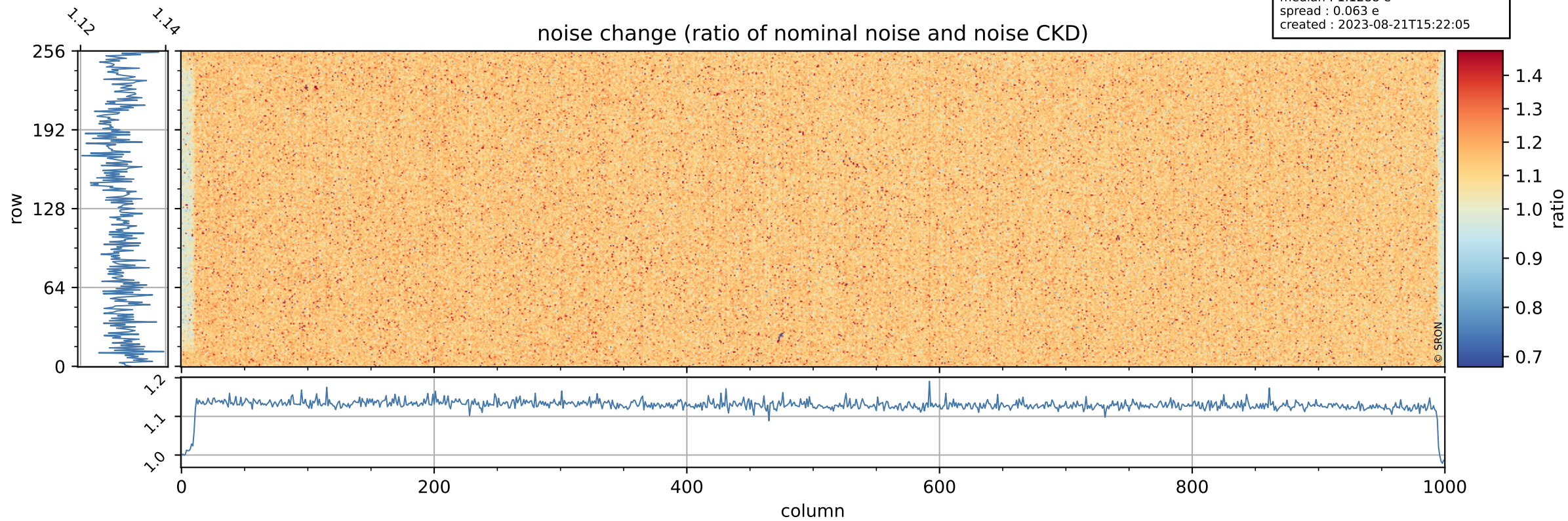
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [11722, 11797]
coverage : 2020-01-16 / 2020-01-22
median : 1.0021 e
spread : 0.0080317 e
created : 2023-08-21T15:22:05



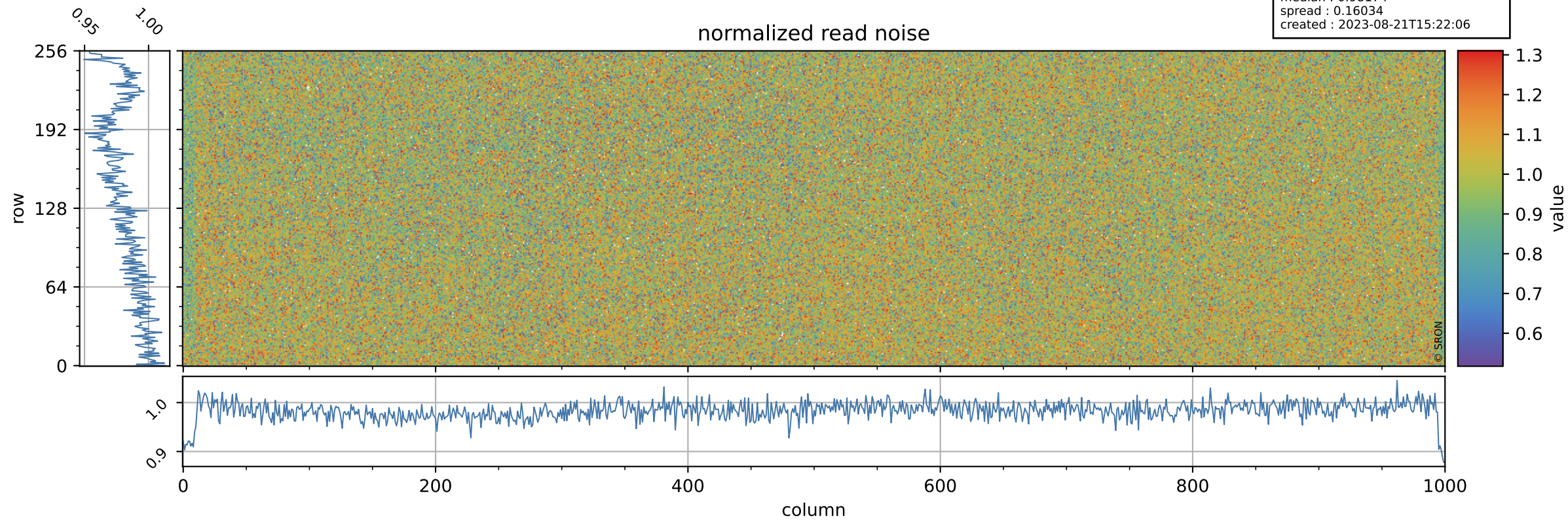
Tropomi SWIR background noise (swir)

orbits : 12 in [11722, 11797]
coverage : 2020-01-16 / 2020-01-22
median : 1.1288 e
spread : 0.063 e
created : 2023-08-21T15:22:05



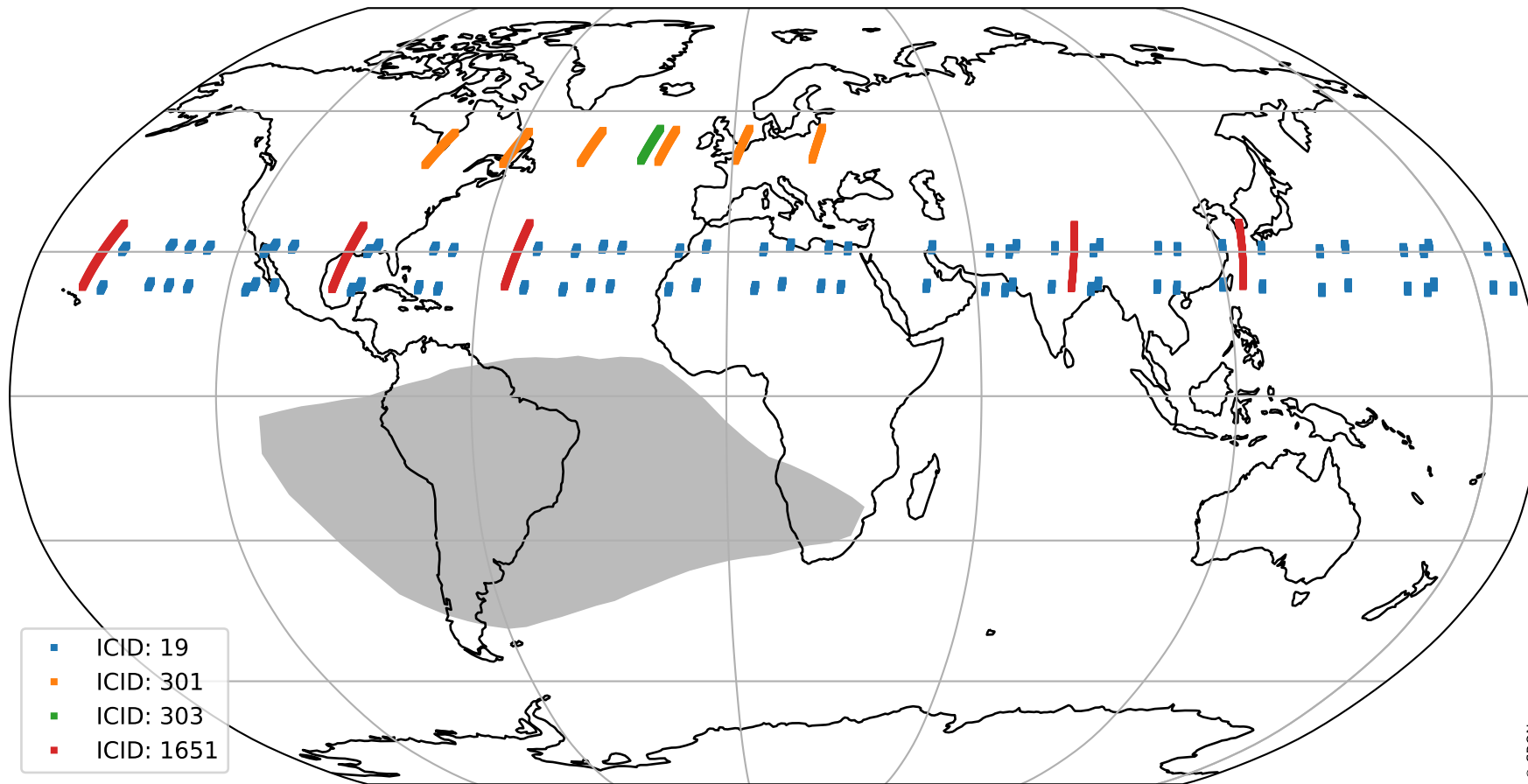
Tropomi SWIR background noise (swir)

orbits : 12 in [11722, 11797]
coverage : 2020-01-16 / 2020-01-22
median : 0.98174
spread : 0.16034
created : 2023-08-21T15:22:06



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

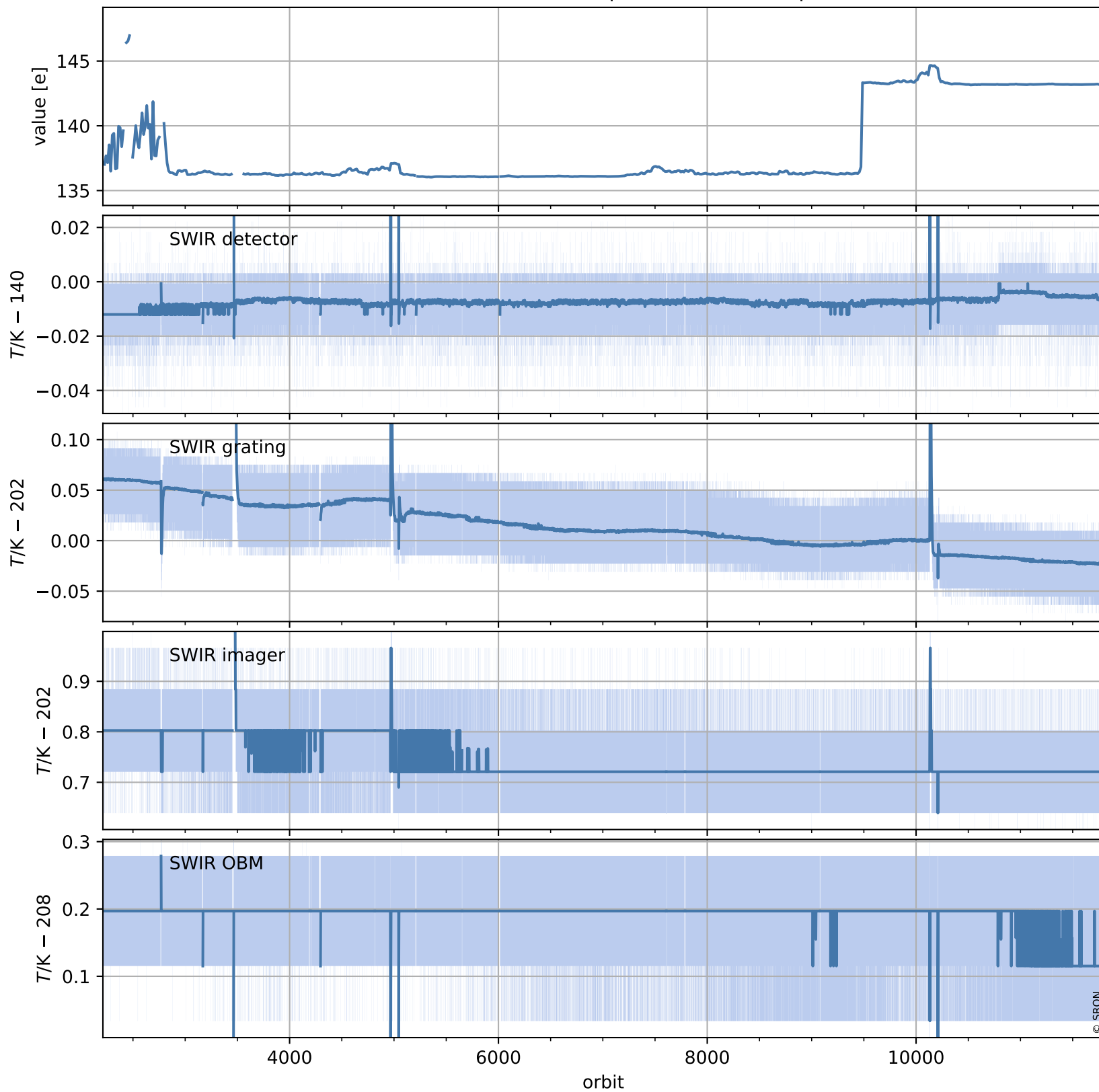
orbits : 12 in [11722, 11797]
coverage : 2020-01-16 / 2020-01-22
created : 2023-08-21T15:22:06



Tropomi SWIR background noise (swir)

orbits : [2212, 11797]
coverage : 2018-03-18 / 2020-01-22
created : 2023-08-21T15:22:06

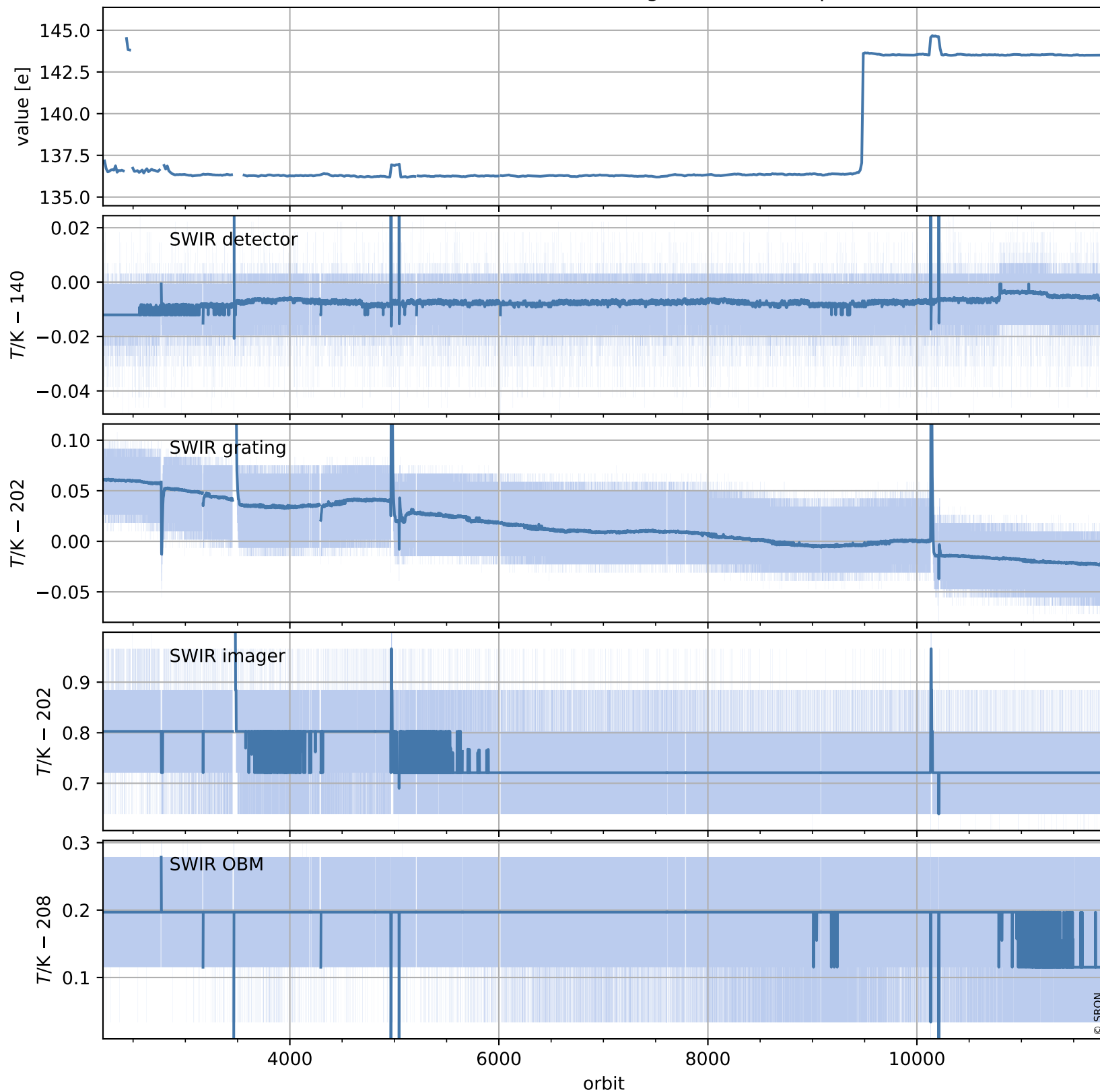
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11797]
coverage : 2018-03-18 / 2020-01-22
created : 2023-08-21T15:22:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11797]
coverage : 2018-03-18 / 2020-01-22
created : 2023-08-21T15:22:08

trend of normalized read-noise & temperatures

