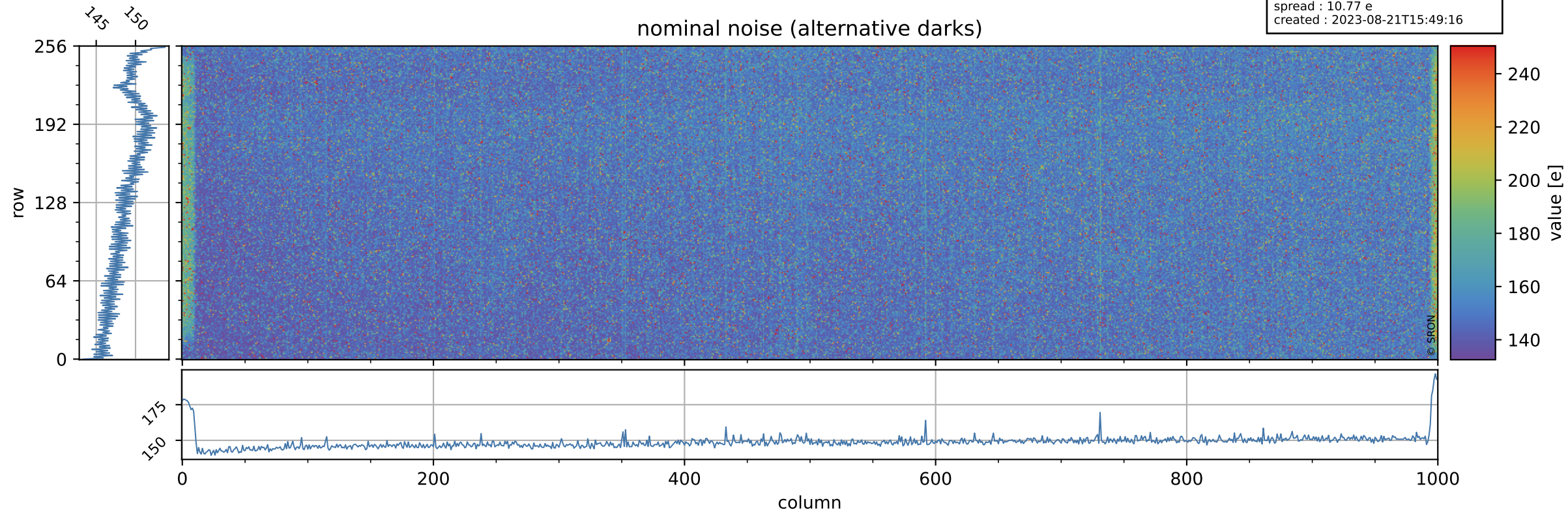


Tropomi SWIR background noise (swir)

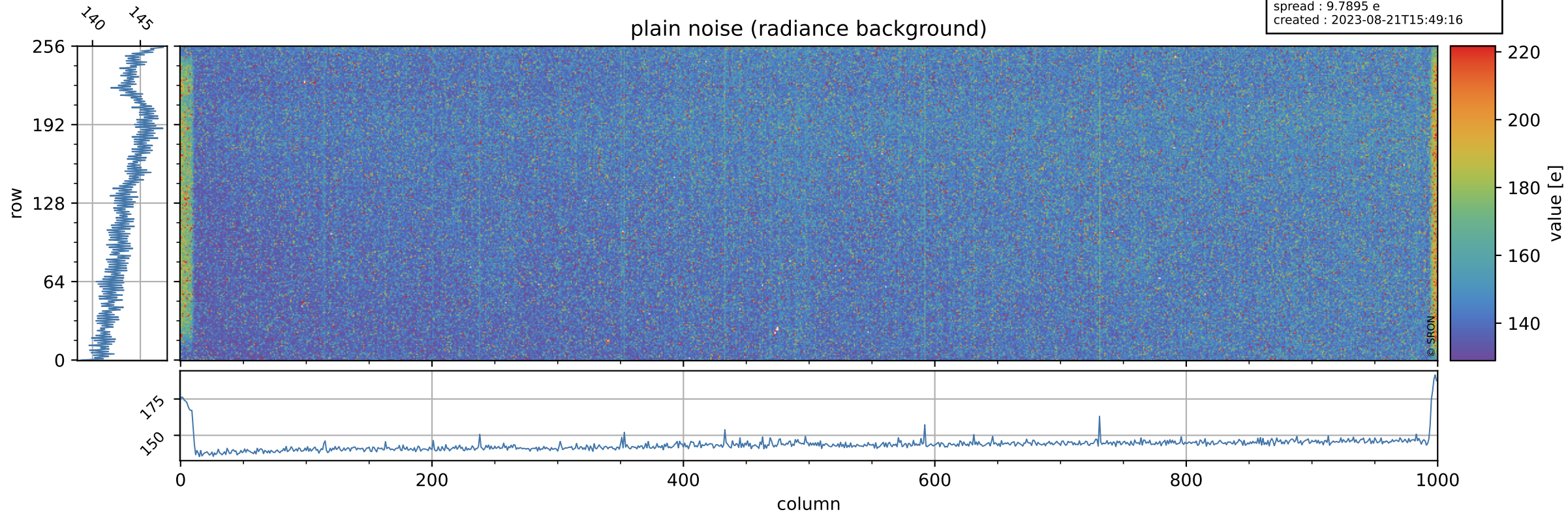
orbits : 12 in [16627, 16717]
coverage : 2020-12-28 / 2021-01-03
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.77 e
created : 2023-08-21T15:49:16



Tropomi SWIR background noise (swir)

orbits : 12 in [16627, 16717]
coverage : 2020-12-28 / 2021-01-03
n_coad, t_exp : 1, 0.8383
median : 143.44 e
spread : 9.7895 e
created : 2023-08-21T15:49:16

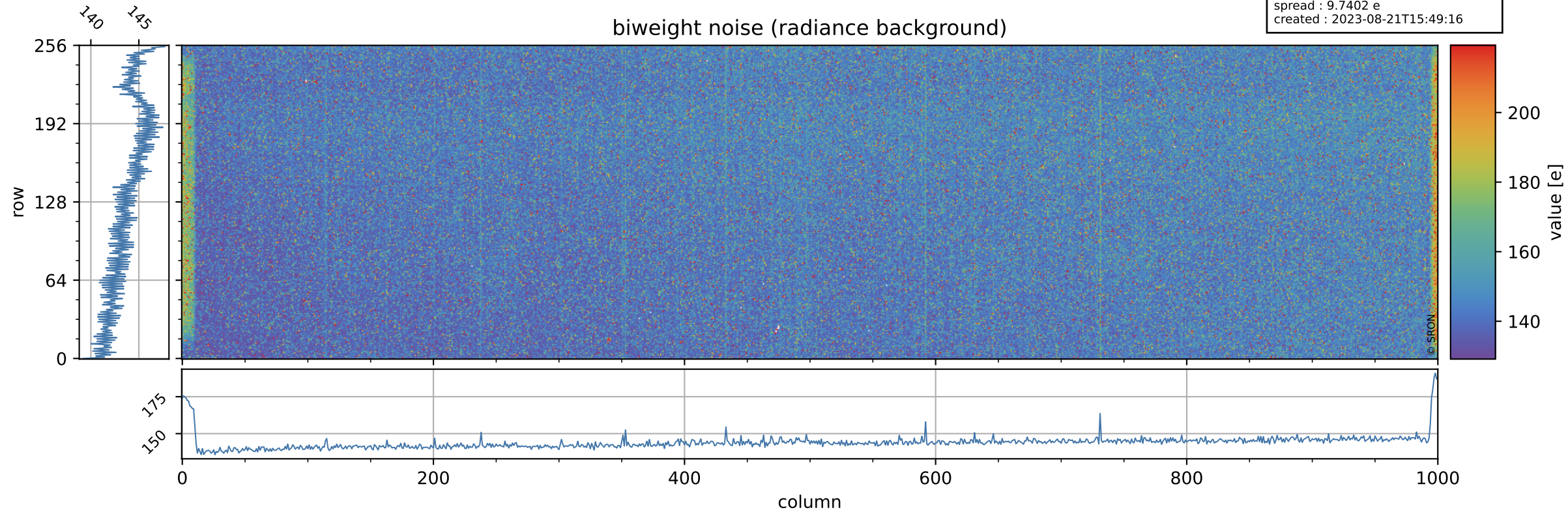
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16627, 16717]
coverage : 2020-12-28 / 2021-01-03
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.7402 e
created : 2023-08-21T15:49:16

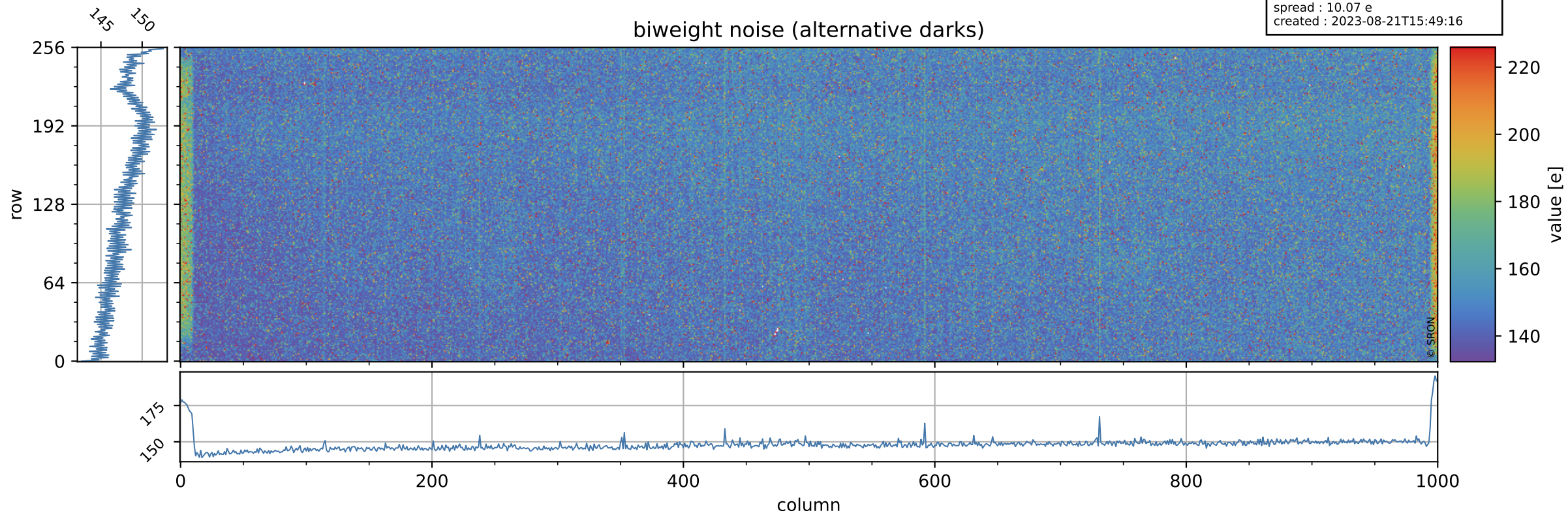
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16627, 16717]
coverage : 2020-12-28 / 2021-01-03
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.07 e
created : 2023-08-21T15:49:16

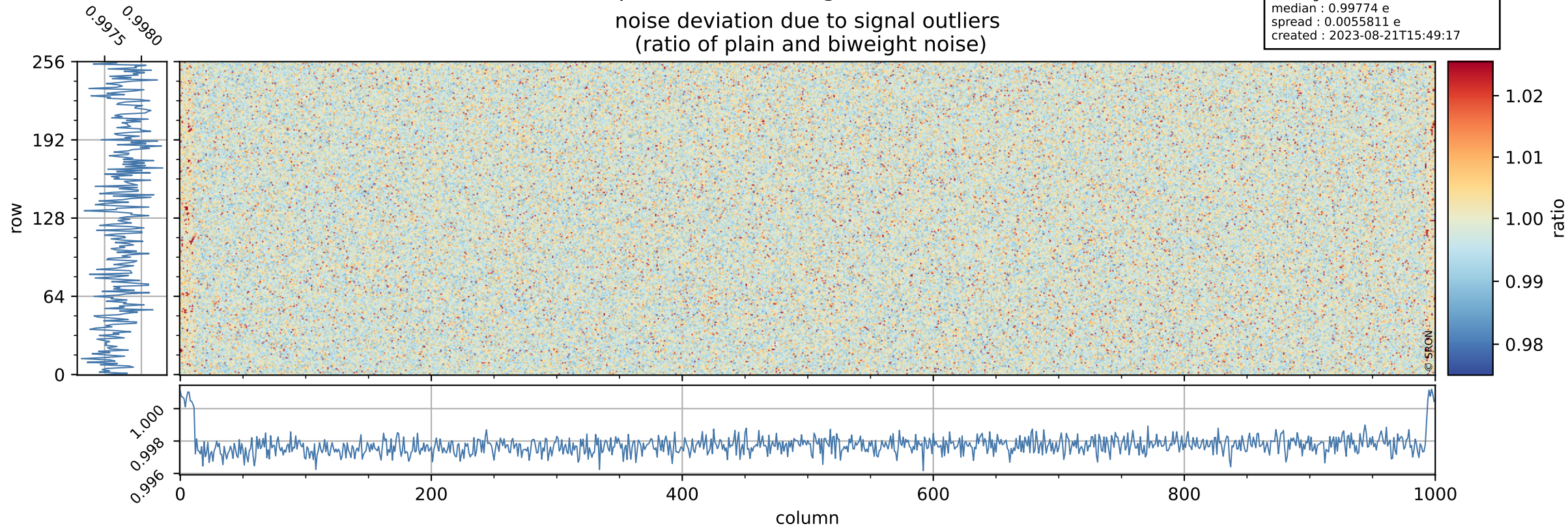
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

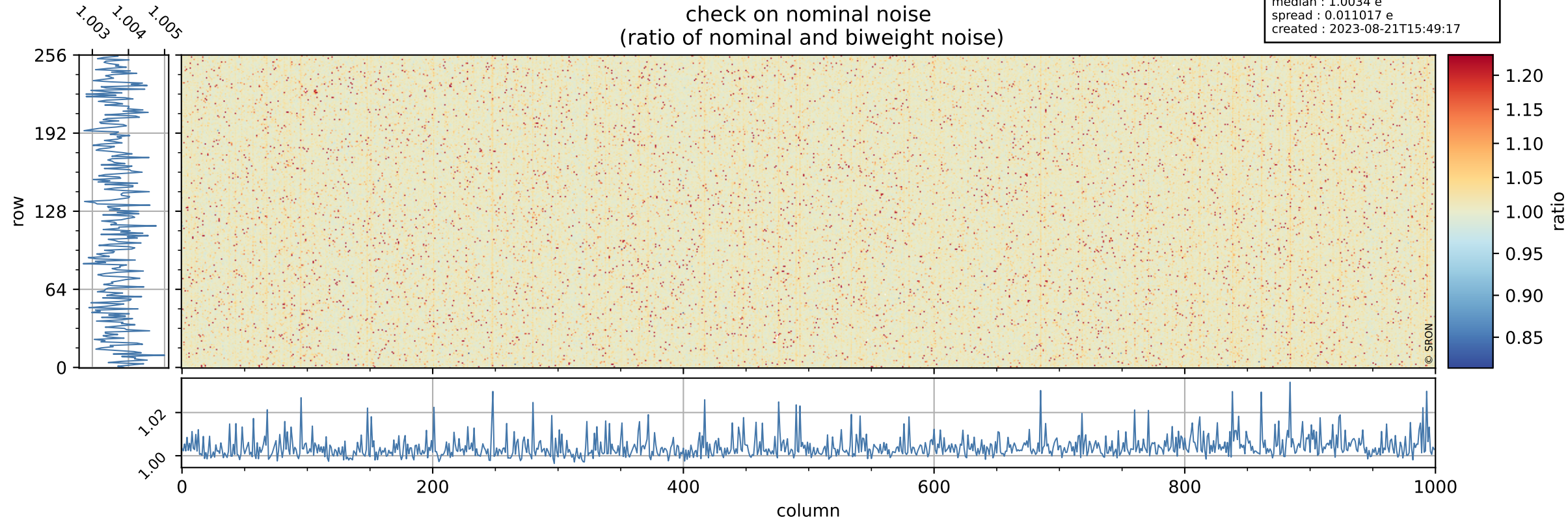
orbits : 12 in [16627, 16717]
coverage : 2020-12-28 / 2021-01-03
median : 0.99774 e
spread : 0.0055811 e
created : 2023-08-21T15:49:17



Tropomi SWIR background noise (swir)

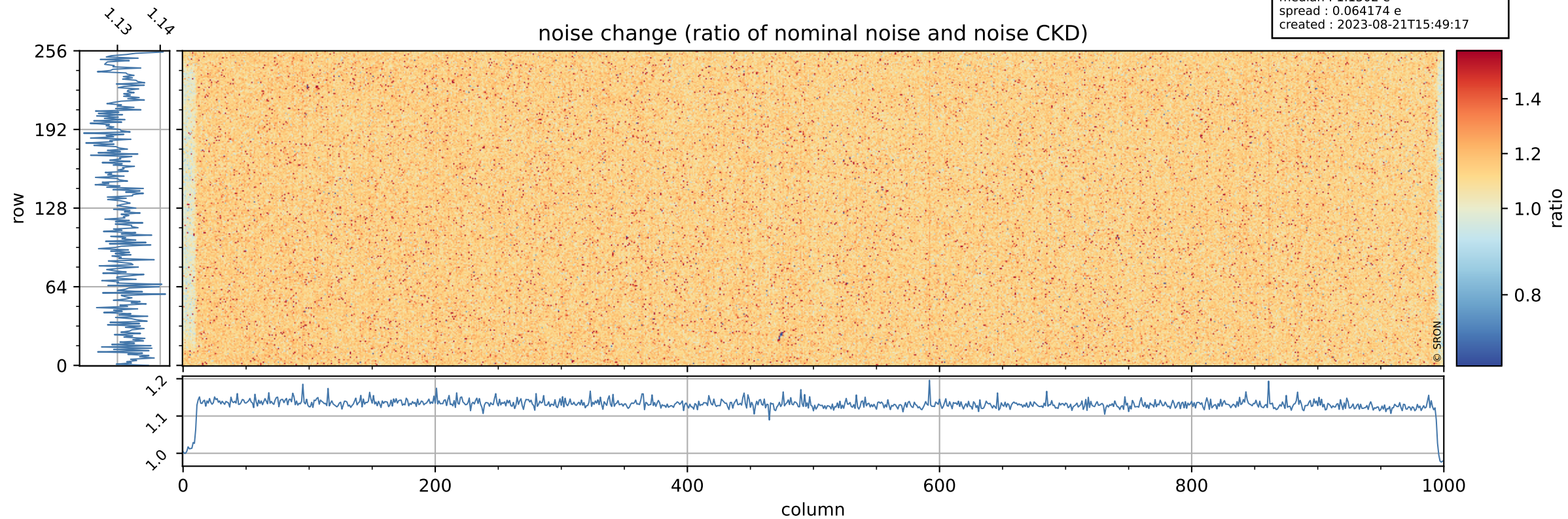
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16627, 16717]
coverage : 2020-12-28 / 2021-01-03
median : 1.0034 e
spread : 0.011017 e
created : 2023-08-21T15:49:17



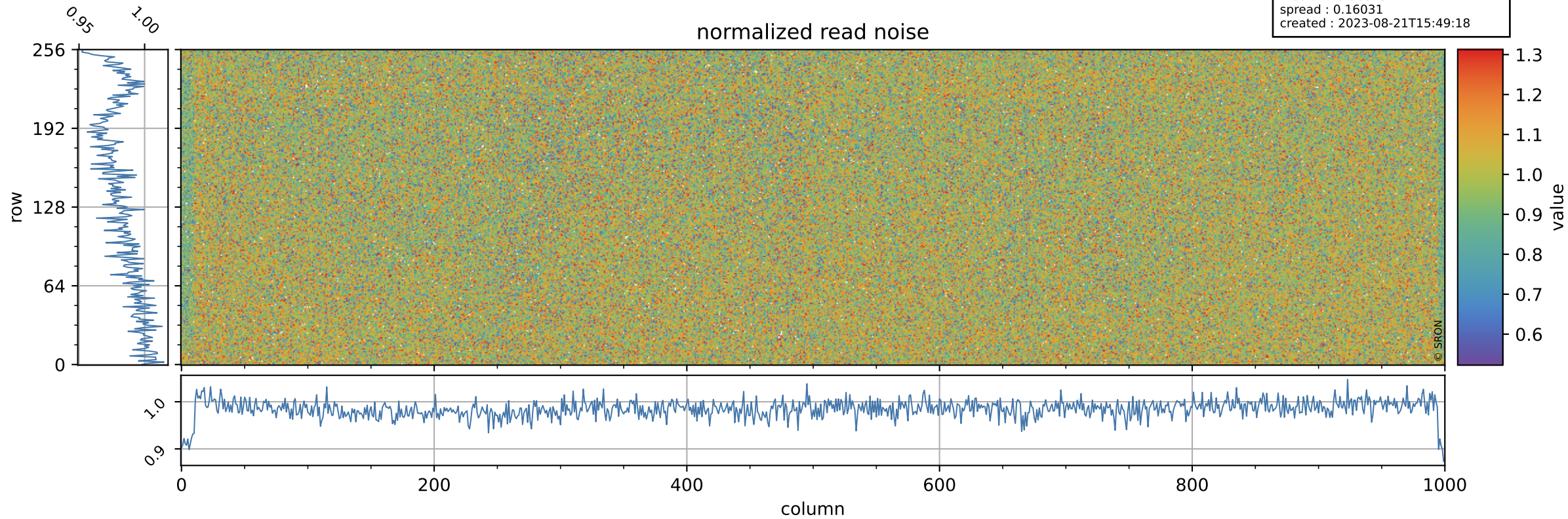
Tropomi SWIR background noise (swir)

orbits : 12 in [16627, 16717]
coverage : 2020-12-28 / 2021-01-03
median : 1.1302 e
spread : 0.064174 e
created : 2023-08-21T15:49:17



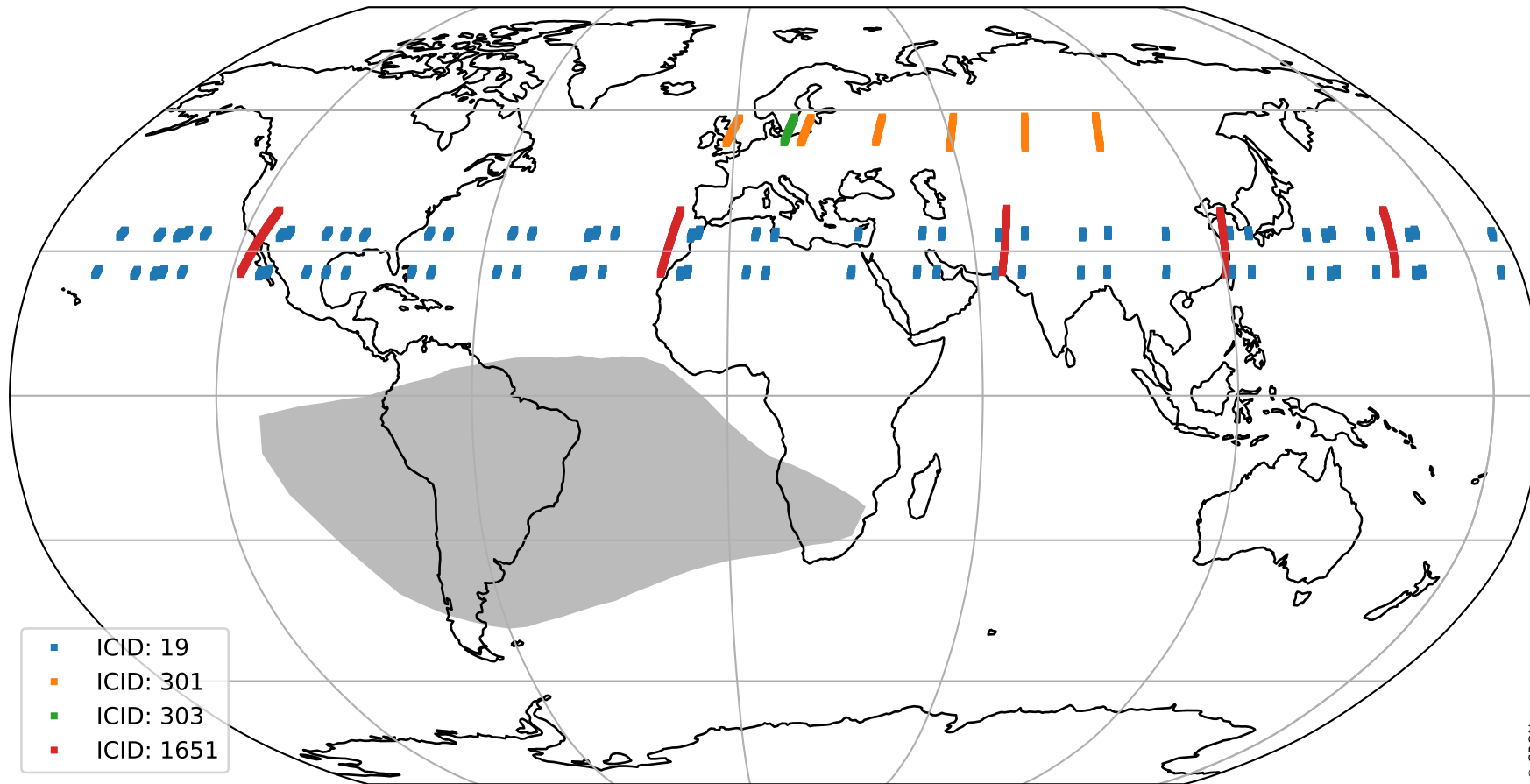
Tropomi SWIR background noise (swir)

orbits : 12 in [16627, 16717]
coverage : 2020-12-28 / 2021-01-03
median : 0.98315
spread : 0.16031
created : 2023-08-21T15:49:18



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

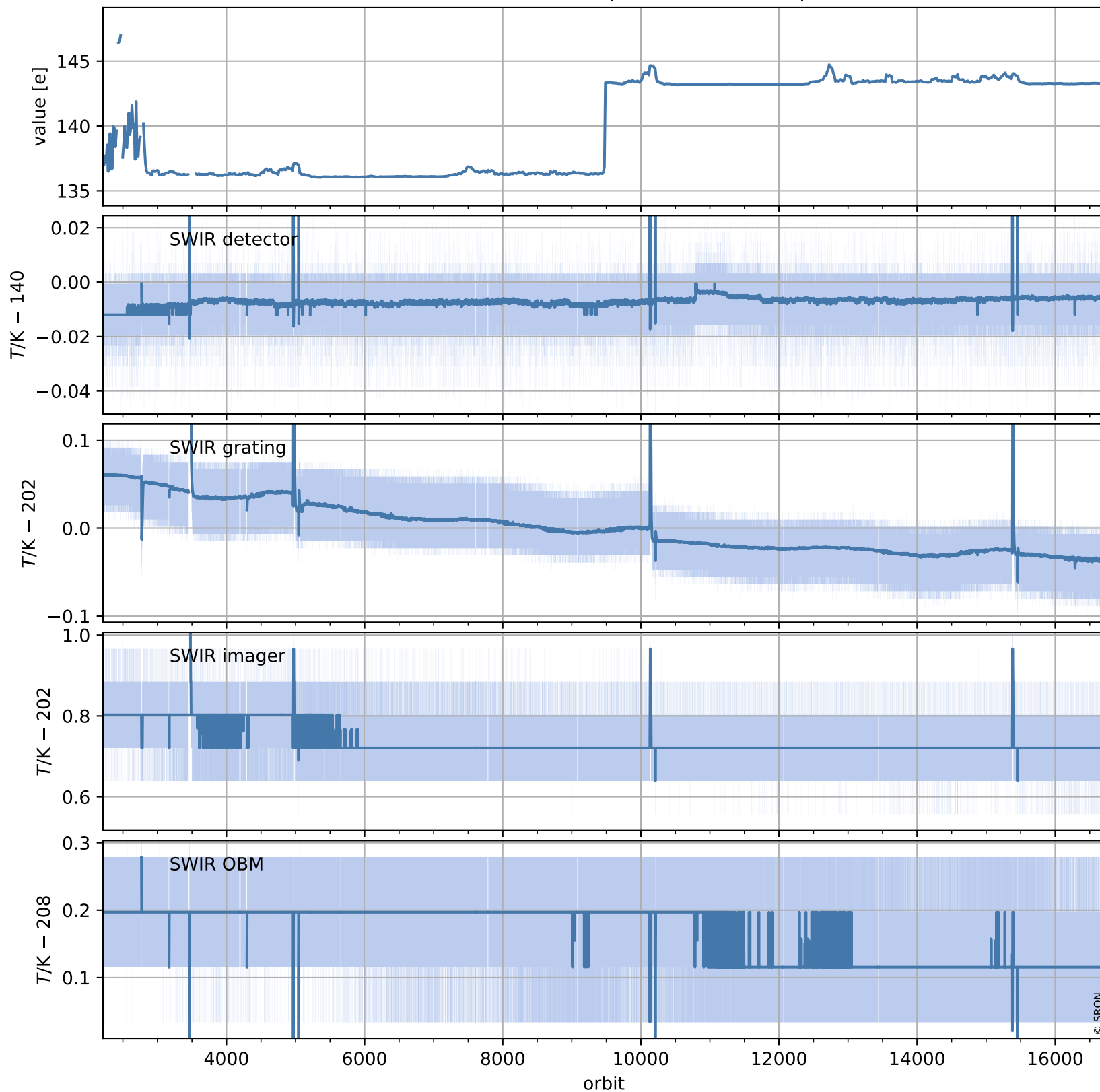
orbits : 12 in [16627, 16717]
coverage : 2020-12-28 / 2021-01-03
created : 2023-08-21T15:49:18



Tropomi SWIR background noise (swir)

orbits : [2212, 16717]
coverage : 2018-03-18 / 2021-01-03
created : 2023-08-21T15:49:18

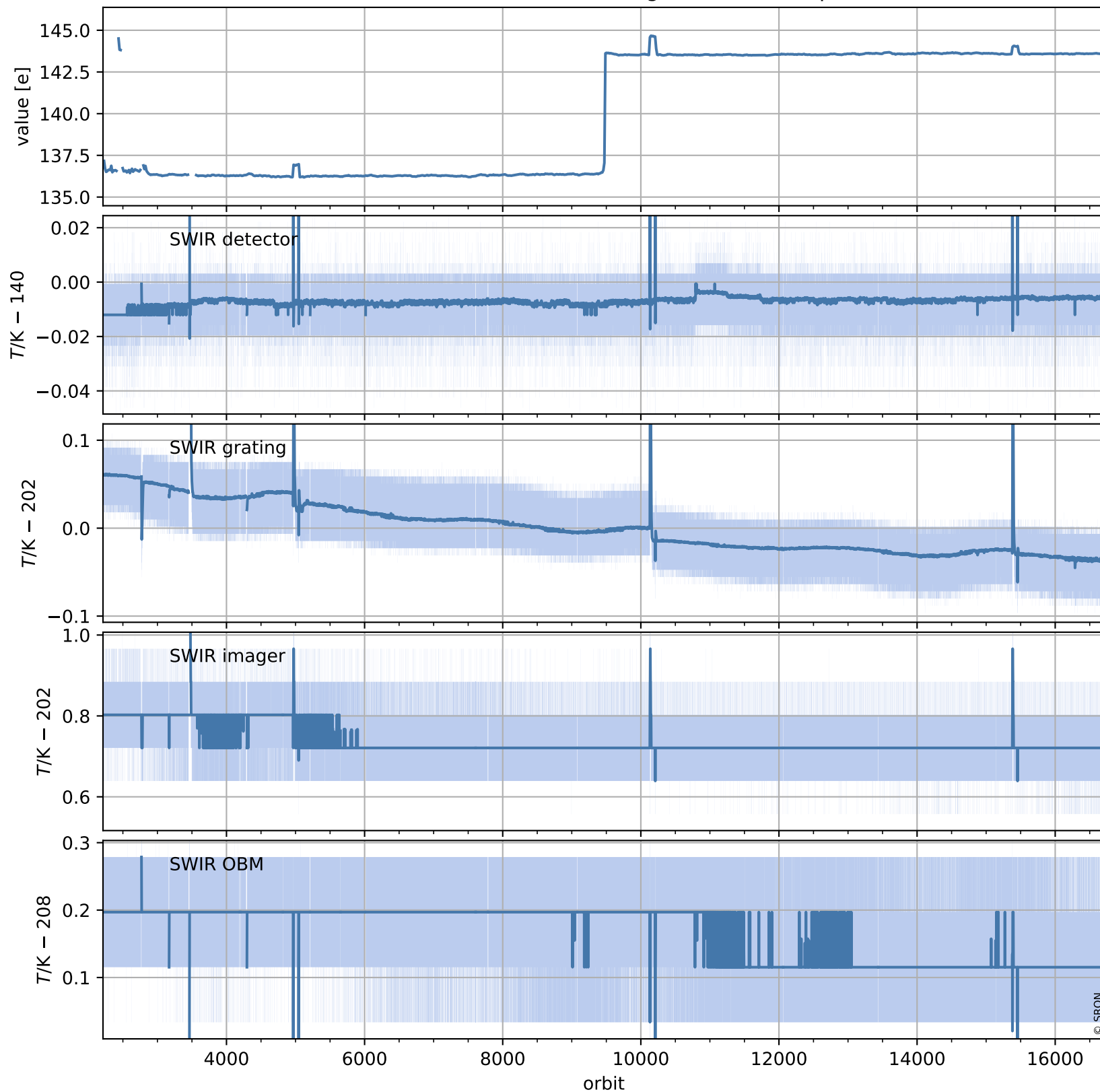
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16717]
coverage : 2018-03-18 / 2021-01-03
created : 2023-08-21T15:49:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16717]
coverage : 2018-03-18 / 2021-01-03
created : 2023-08-21T15:49:20

trend of normalized read-noise & temperatures

