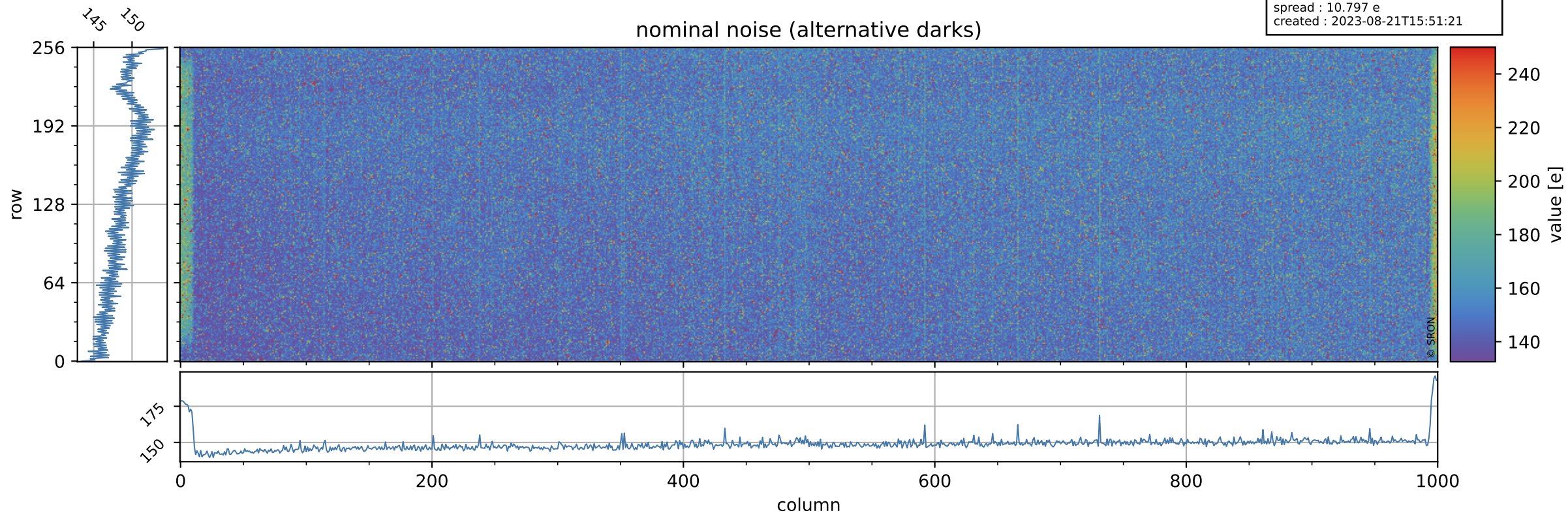


Tropomi SWIR background noise (swir)

orbits : 12 in [16987, 17077]
coverage : 2021-01-23 / 2021-01-29
n_coad, t_exp : 1, 1.0783
median : 148.67 e
spread : 10.797 e
created : 2023-08-21T15:51:21

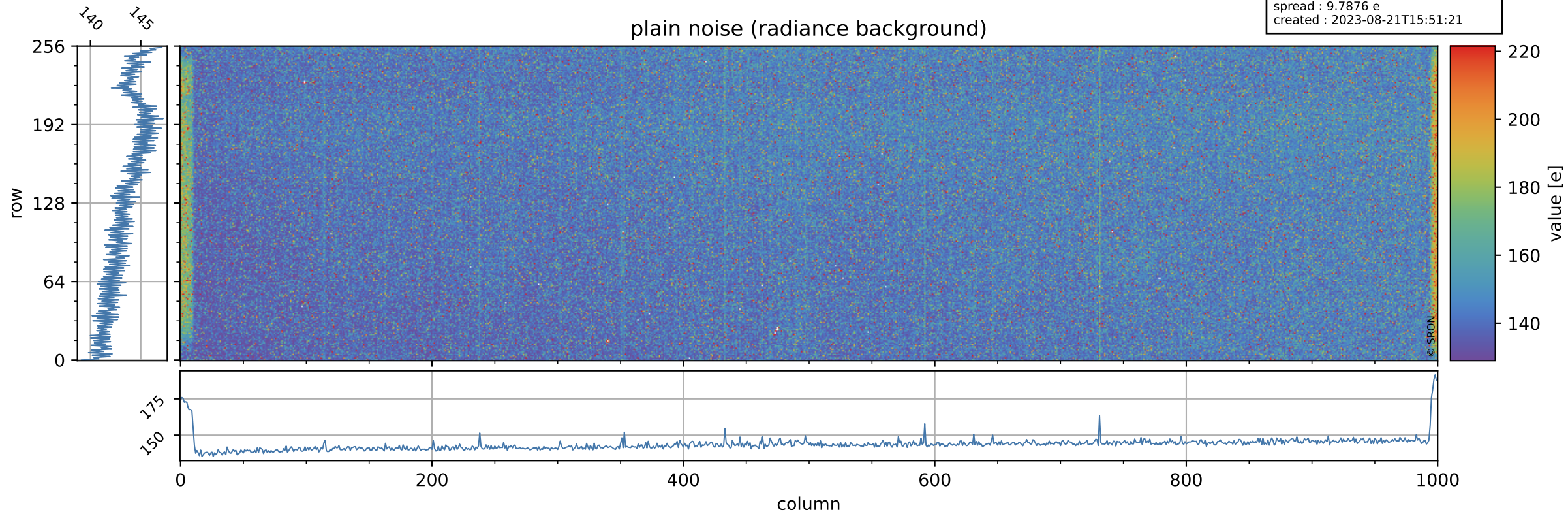
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16987, 17077]
coverage : 2021-01-23 / 2021-01-29
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.7876 e
created : 2023-08-21T15:51:21

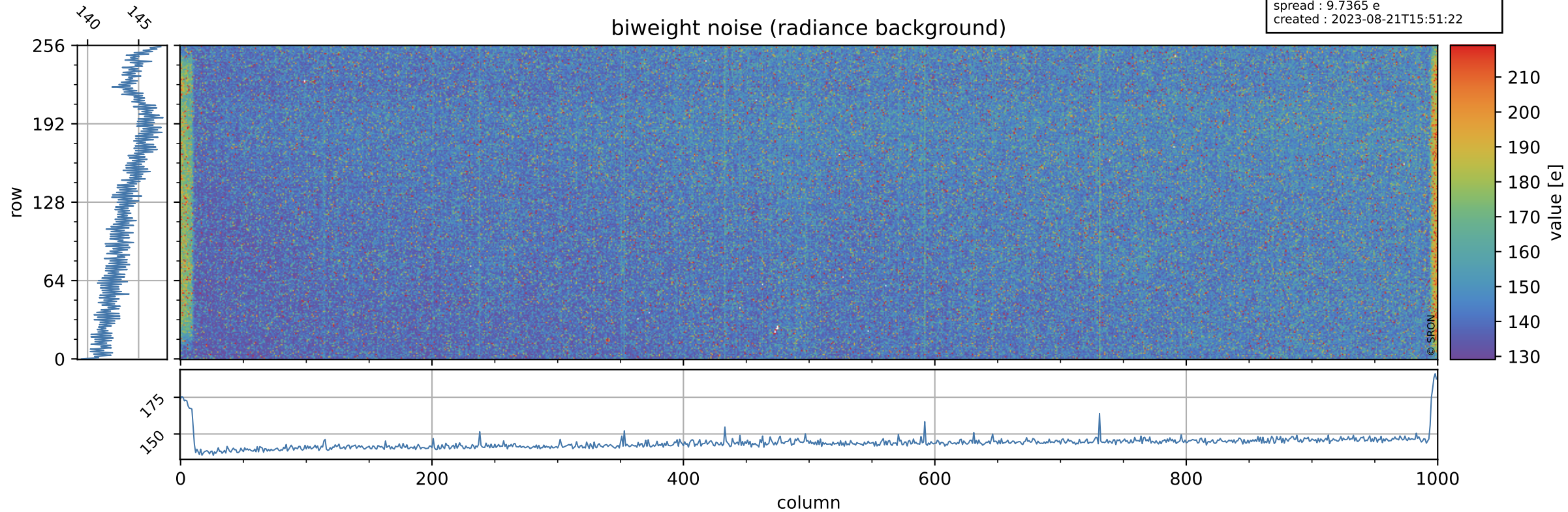
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16987, 17077]
coverage : 2021-01-23 / 2021-01-29
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7365 e
created : 2023-08-21T15:51:22

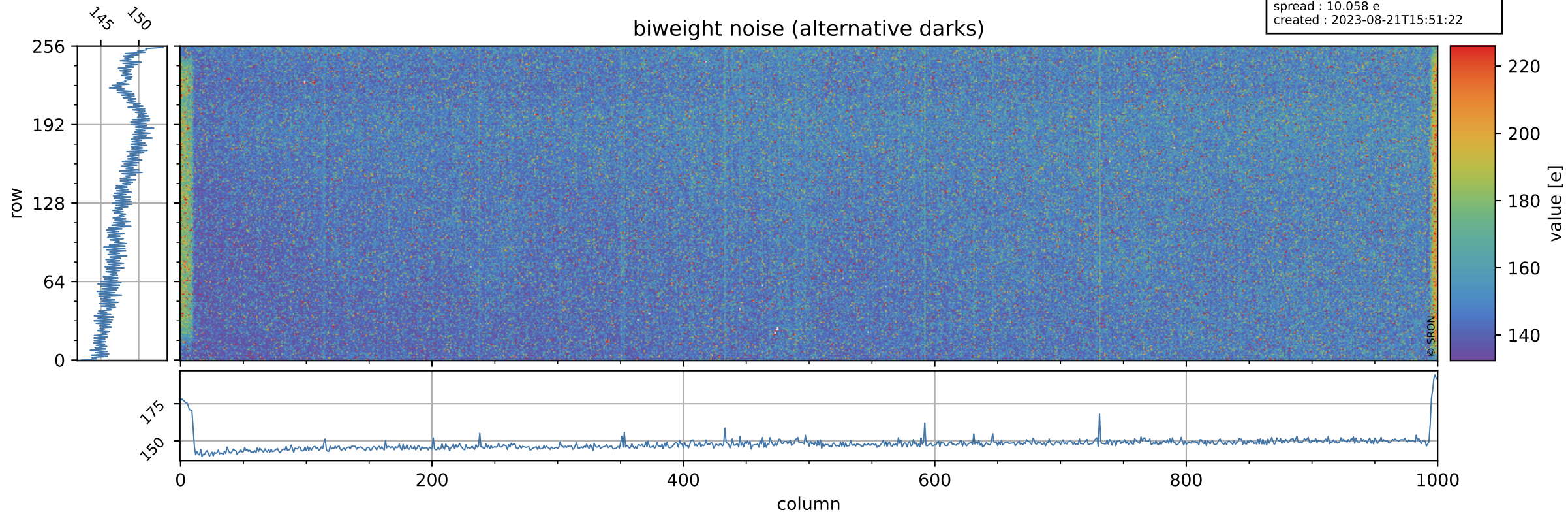
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16987, 17077]
coverage : 2021-01-23 / 2021-01-29
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.058 e
created : 2023-08-21T15:51:22

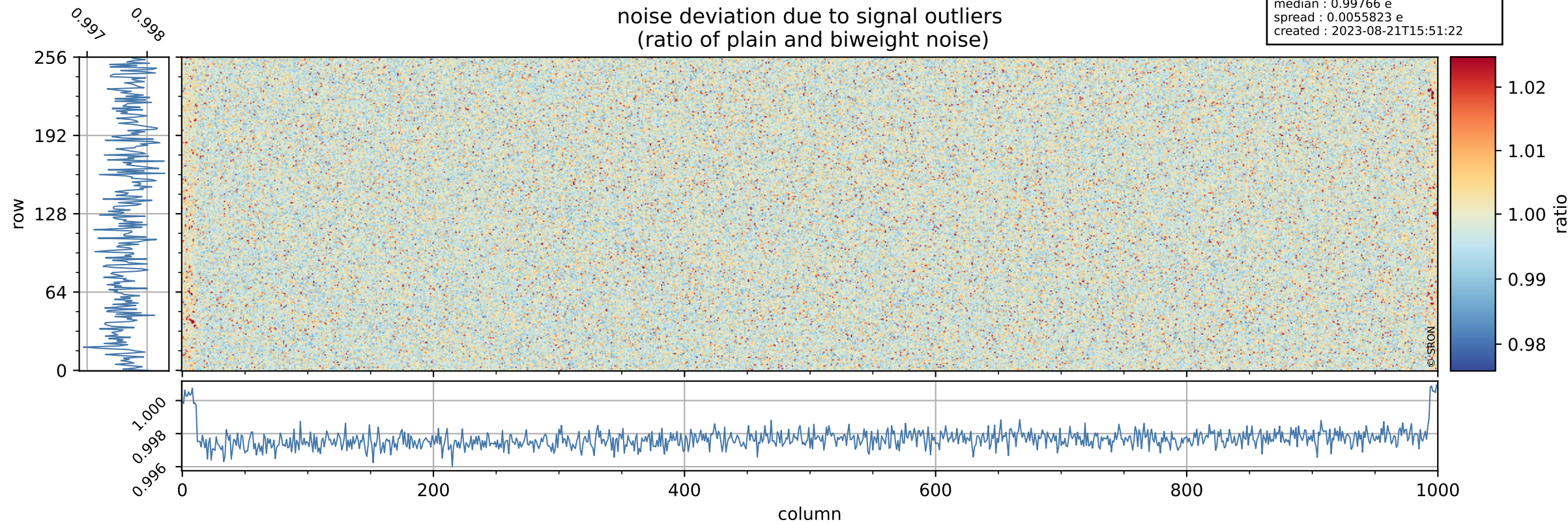
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

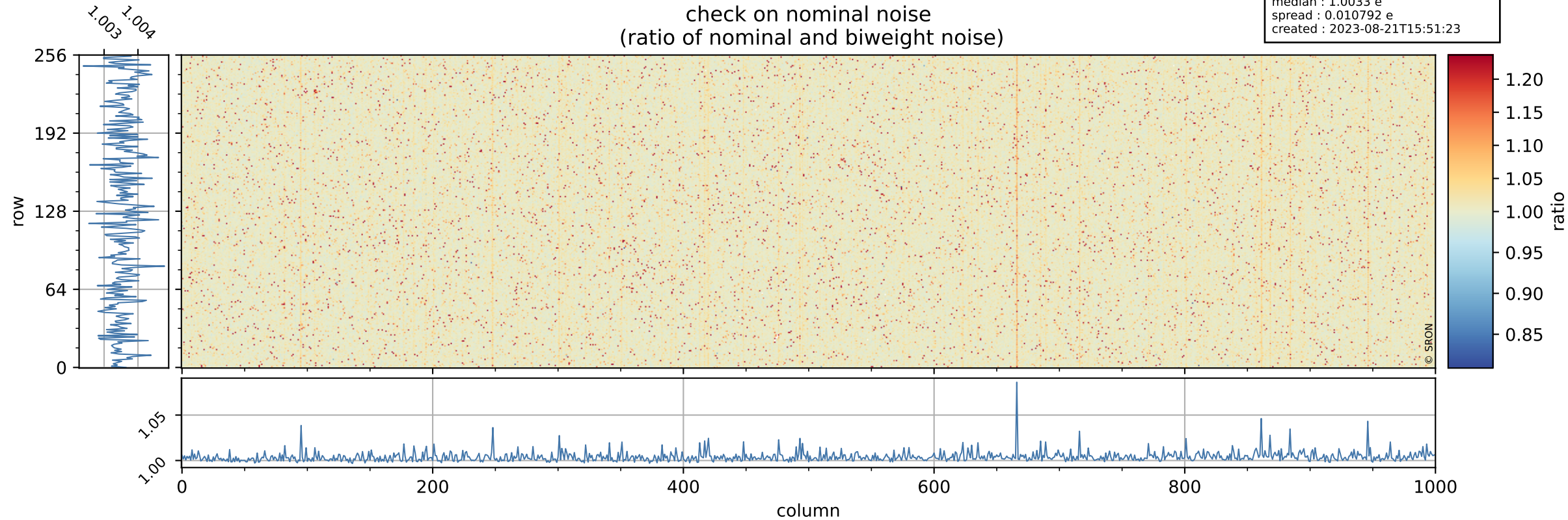
orbits : 12 in [16987, 17077]
coverage : 2021-01-23 / 2021-01-29
median : 0.99766 e
spread : 0.0055823 e
created : 2023-08-21T15:51:22



Tropomi SWIR background noise (swir)

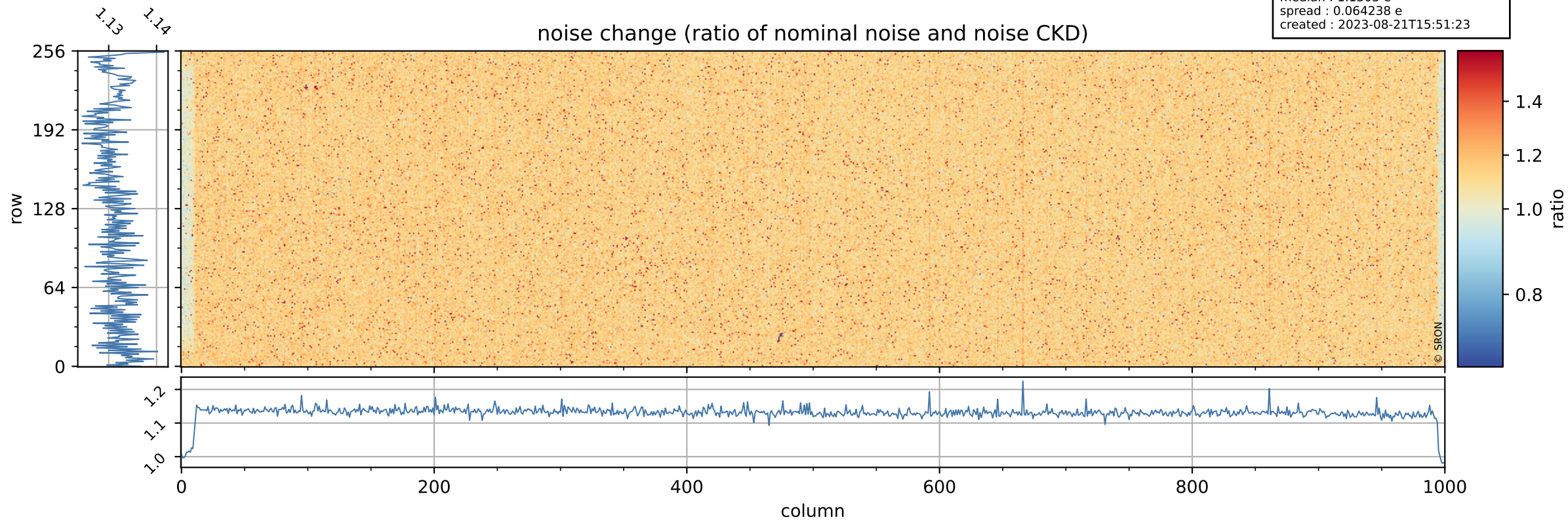
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16987, 17077]
coverage : 2021-01-23 / 2021-01-29
median : 1.0033 e
spread : 0.010792 e
created : 2023-08-21T15:51:23



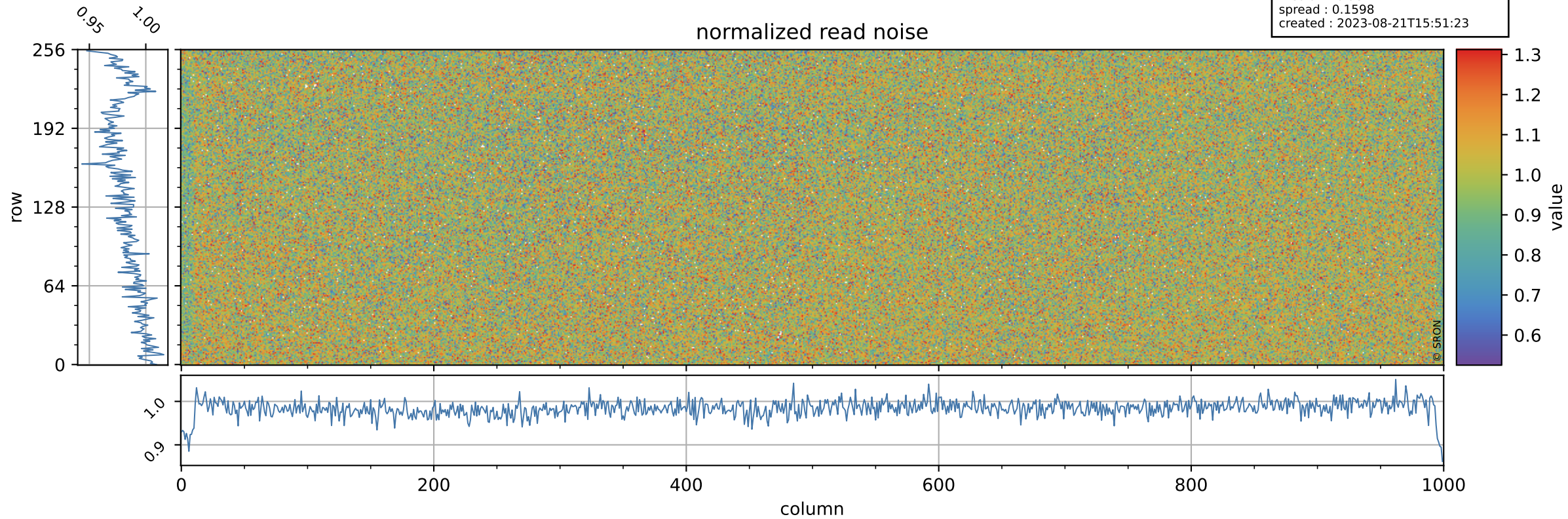
Tropomi SWIR background noise (swir)

orbits : 12 in [16987, 17077]
coverage : 2021-01-23 / 2021-01-29
median : 1.1303 e
spread : 0.064238 e
created : 2023-08-21T15:51:23



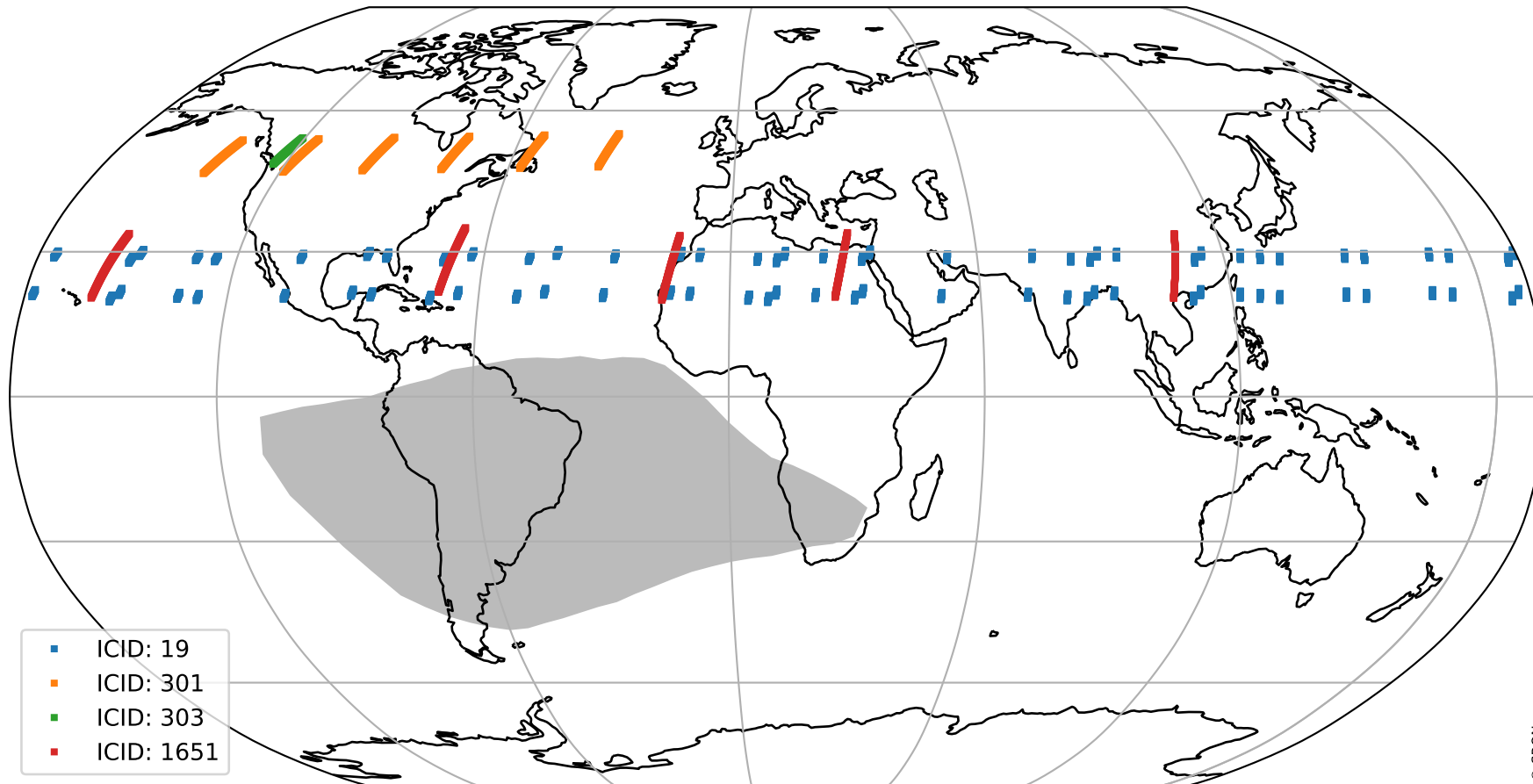
Tropomi SWIR background noise (swir)

orbits : 12 in [16987, 17077]
coverage : 2021-01-23 / 2021-01-29
median : 0.98241
spread : 0.1598
created : 2023-08-21T15:51:23



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

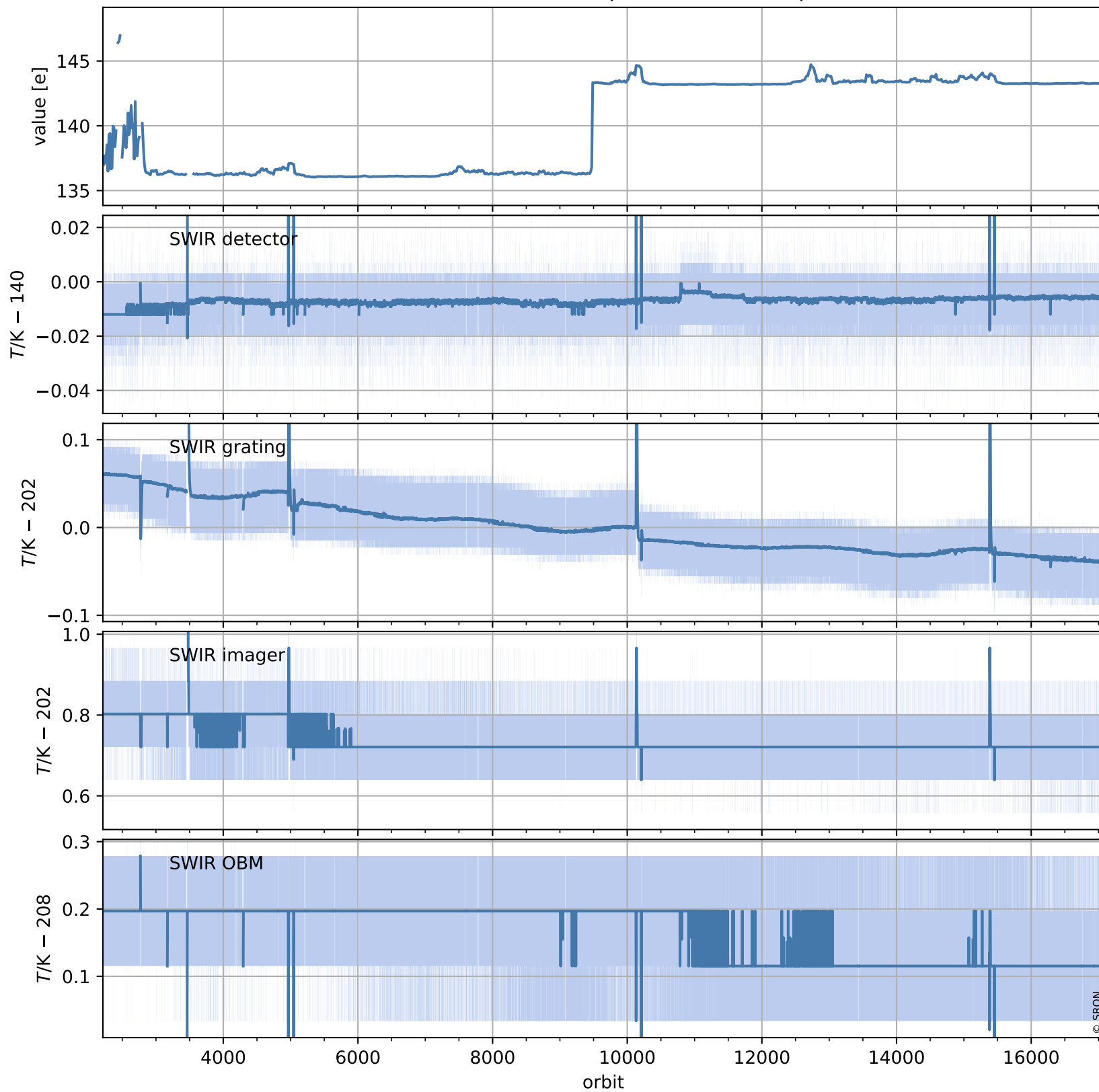
orbits : 12 in [16987, 17077]
coverage : 2021-01-23 / 2021-01-29
created : 2023-08-21T15:51:23



Tropomi SWIR background noise (swir)

orbits : [2212, 17077]
coverage : 2018-03-18 / 2021-01-29
created : 2023-08-21T15:51:24

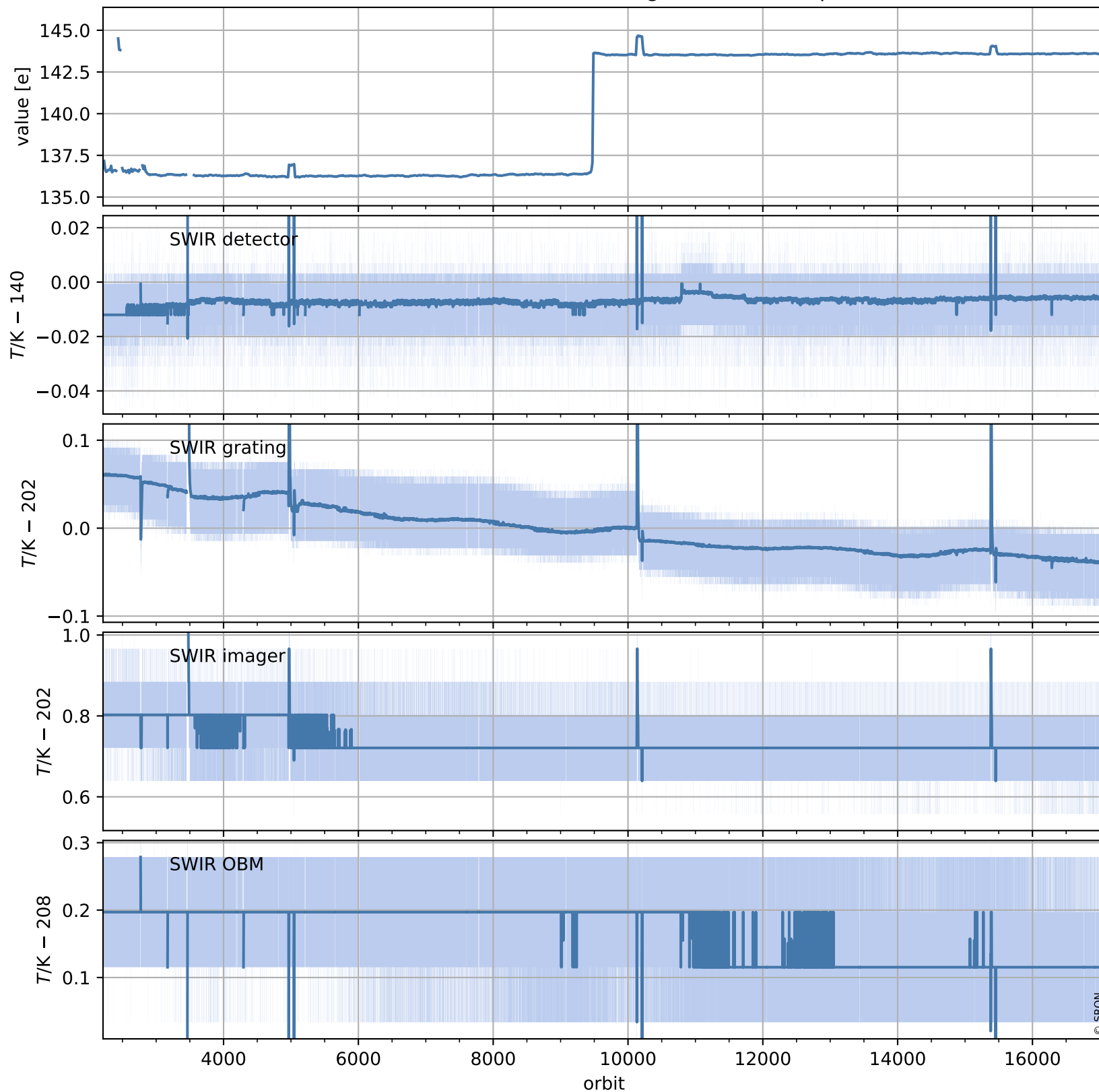
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17077]
coverage : 2018-03-18 / 2021-01-29
created : 2023-08-21T15:51:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17077]
coverage : 2018-03-18 / 2021-01-29
created : 2023-08-21T15:51:25

trend of normalized read-noise & temperatures

