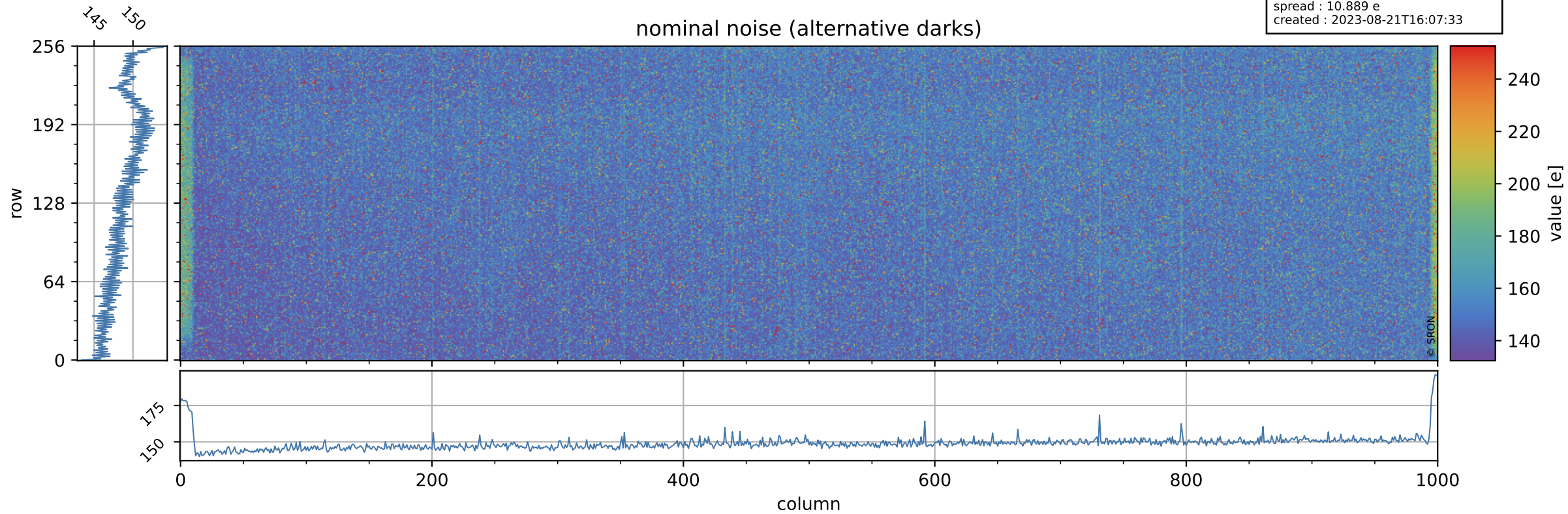


Tropomi SWIR background noise (swir)

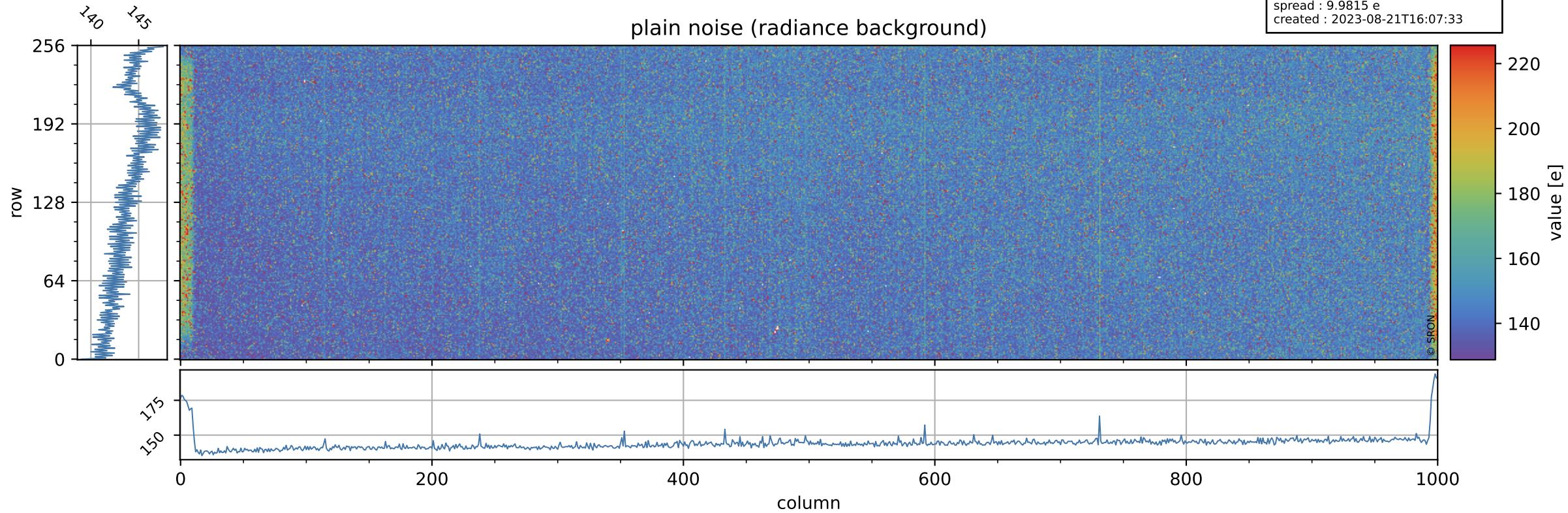
orbits : 13 in [19732, 19807]
coverage : 2021-08-03 / 2021-08-08
n_coad, t_exp : 1, 1.0783
median : 148.68 e
spread : 10.889 e
created : 2023-08-21T16:07:33



Tropomi SWIR background noise (swir)

orbits : 13 in [19732, 19807]
coverage : 2021-08-03 / 2021-08-08
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.9815 e
created : 2023-08-21T16:07:33

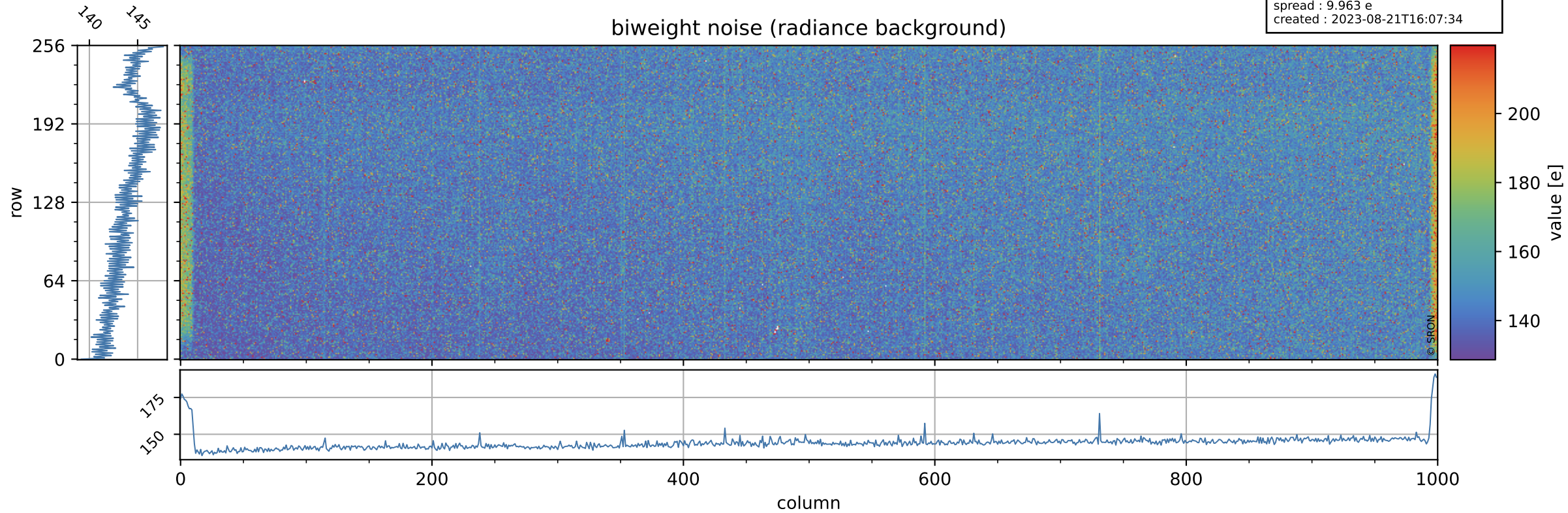
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [19732, 19807]
coverage : 2021-08-03 / 2021-08-08
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.963 e
created : 2023-08-21T16:07:34

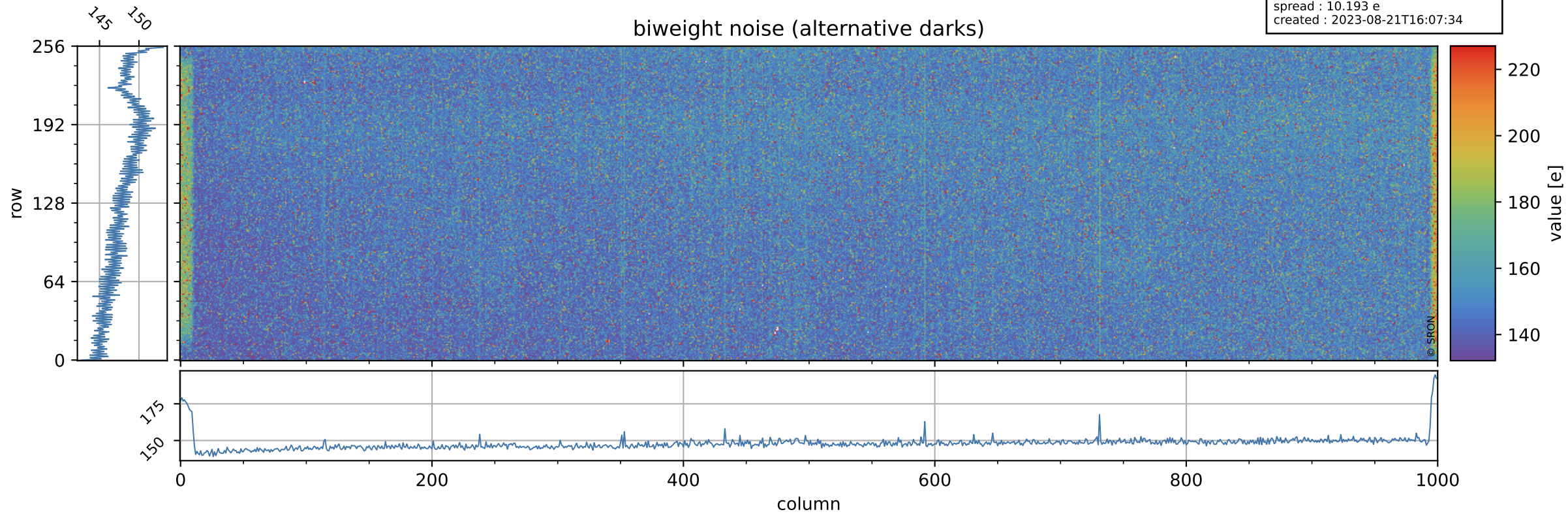
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [19732, 19807]
coverage : 2021-08-03 / 2021-08-08
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.193 e
created : 2023-08-21T16:07:34

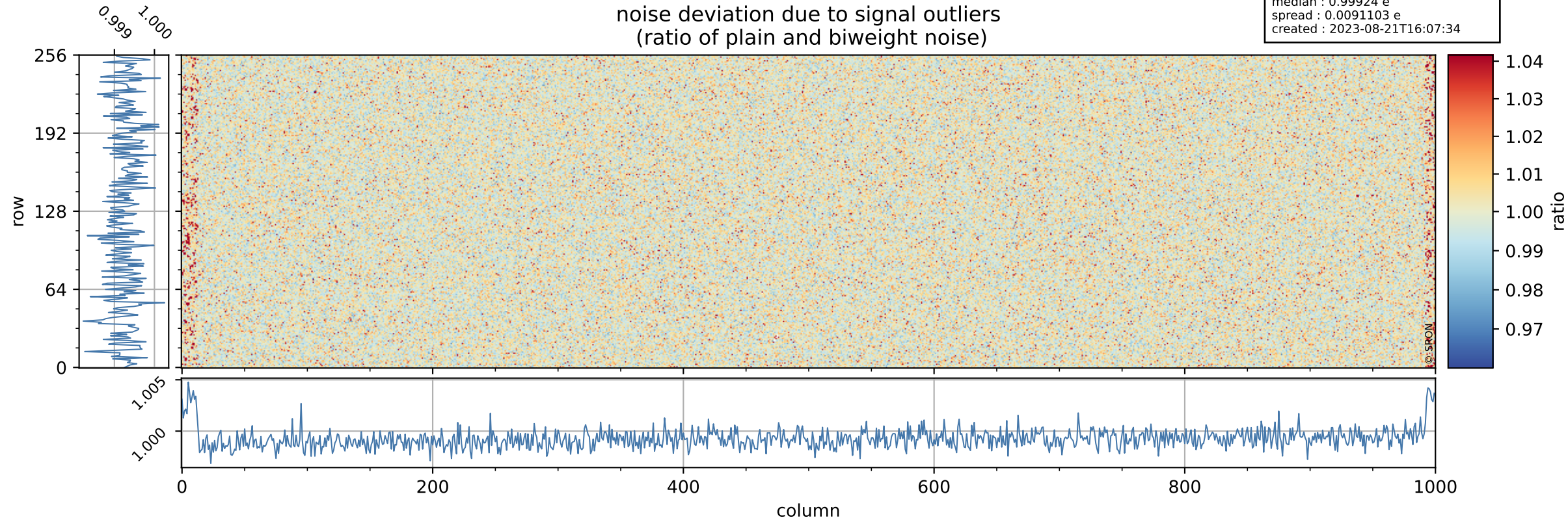
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

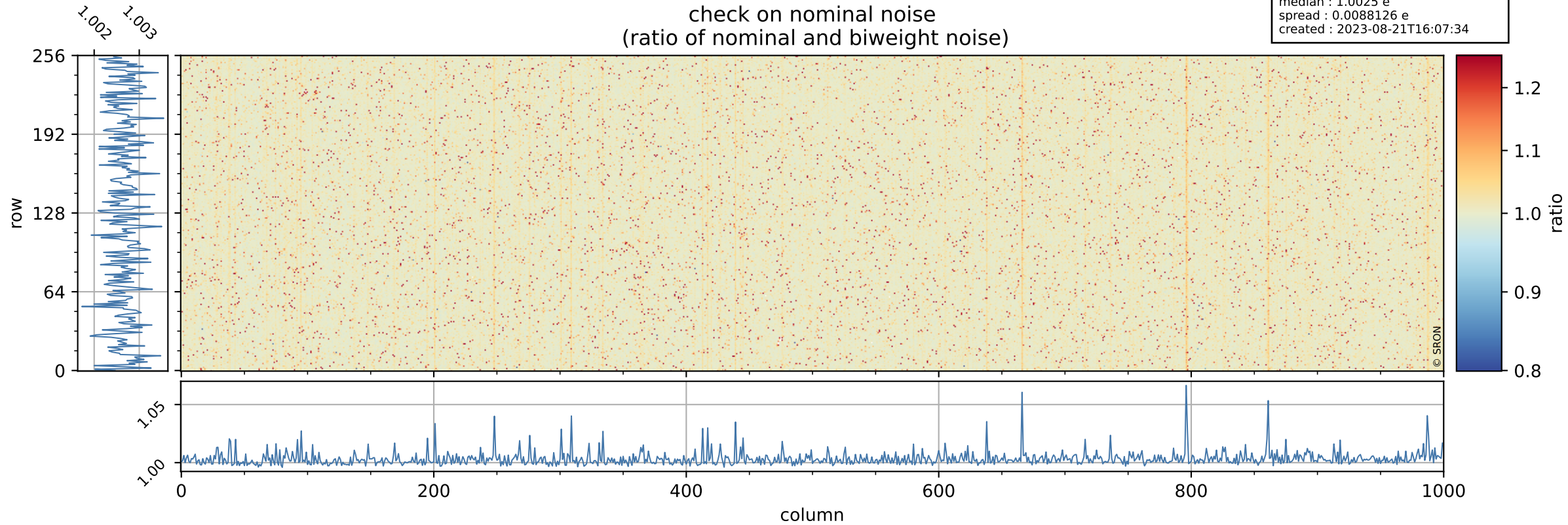
orbits : 13 in [19732, 19807]
coverage : 2021-08-03 / 2021-08-08
median : 0.99924 e
spread : 0.0091103 e
created : 2023-08-21T16:07:34



Tropomi SWIR background noise (swir)

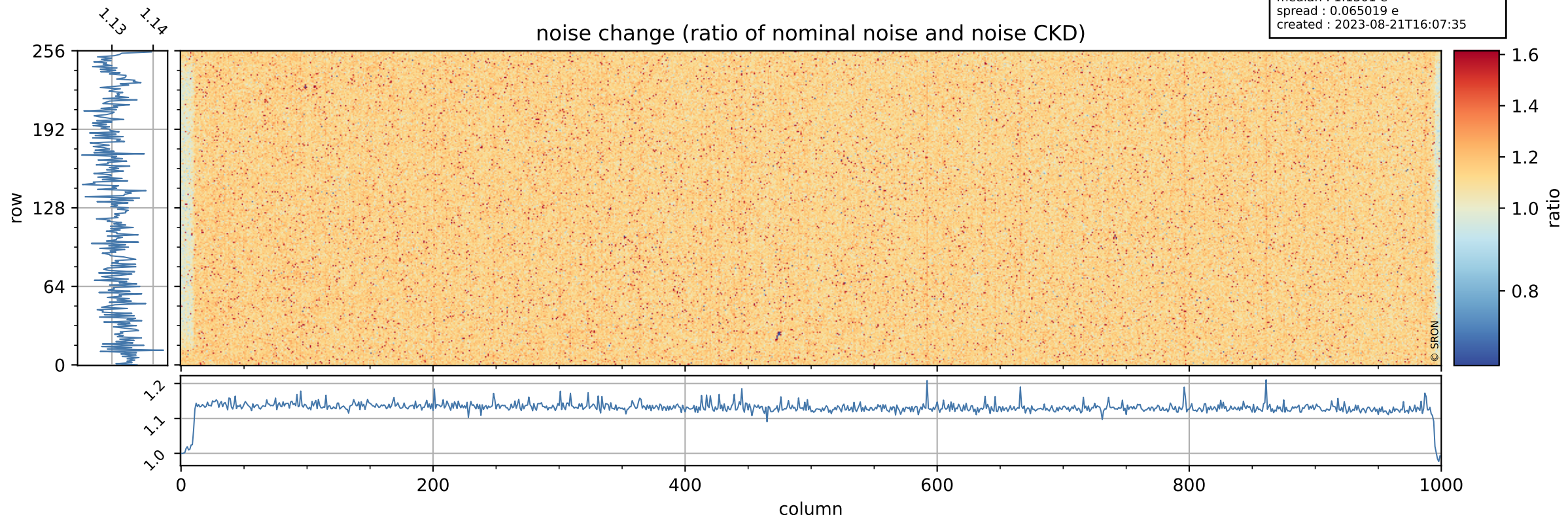
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [19732, 19807]
coverage : 2021-08-03 / 2021-08-08
median : 1.0025 e
spread : 0.0088126 e
created : 2023-08-21T16:07:34



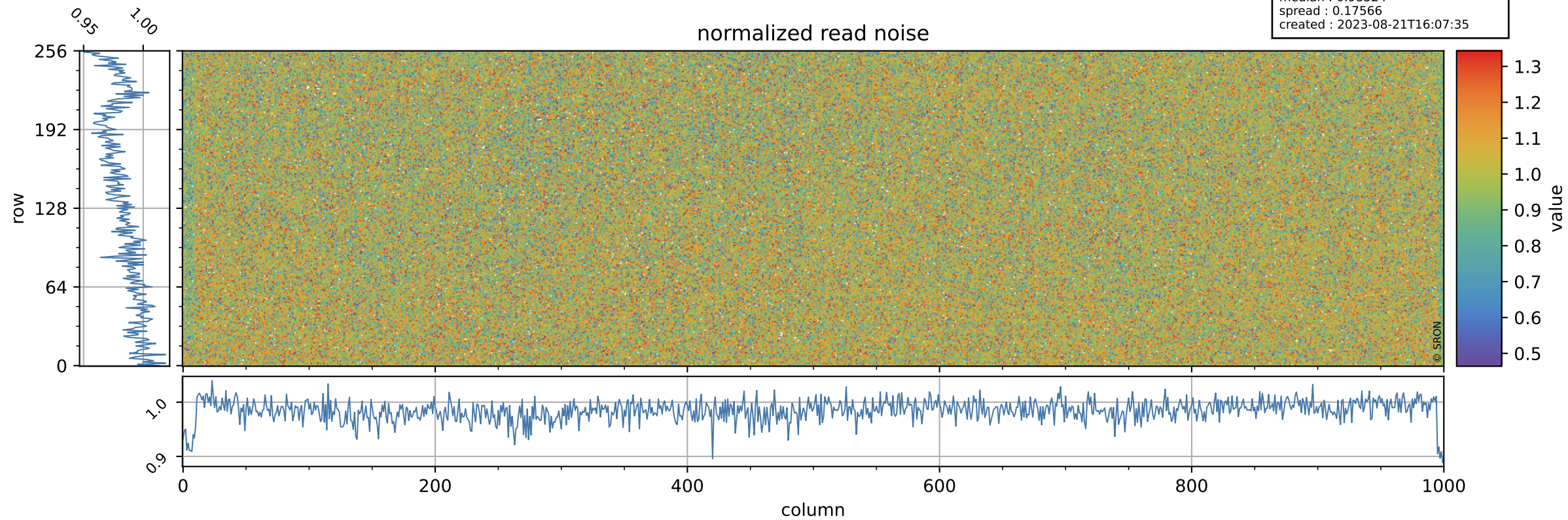
Tropomi SWIR background noise (swir)

orbits : 13 in [19732, 19807]
coverage : 2021-08-03 / 2021-08-08
median : 1.1301 e
spread : 0.065019 e
created : 2023-08-21T16:07:35



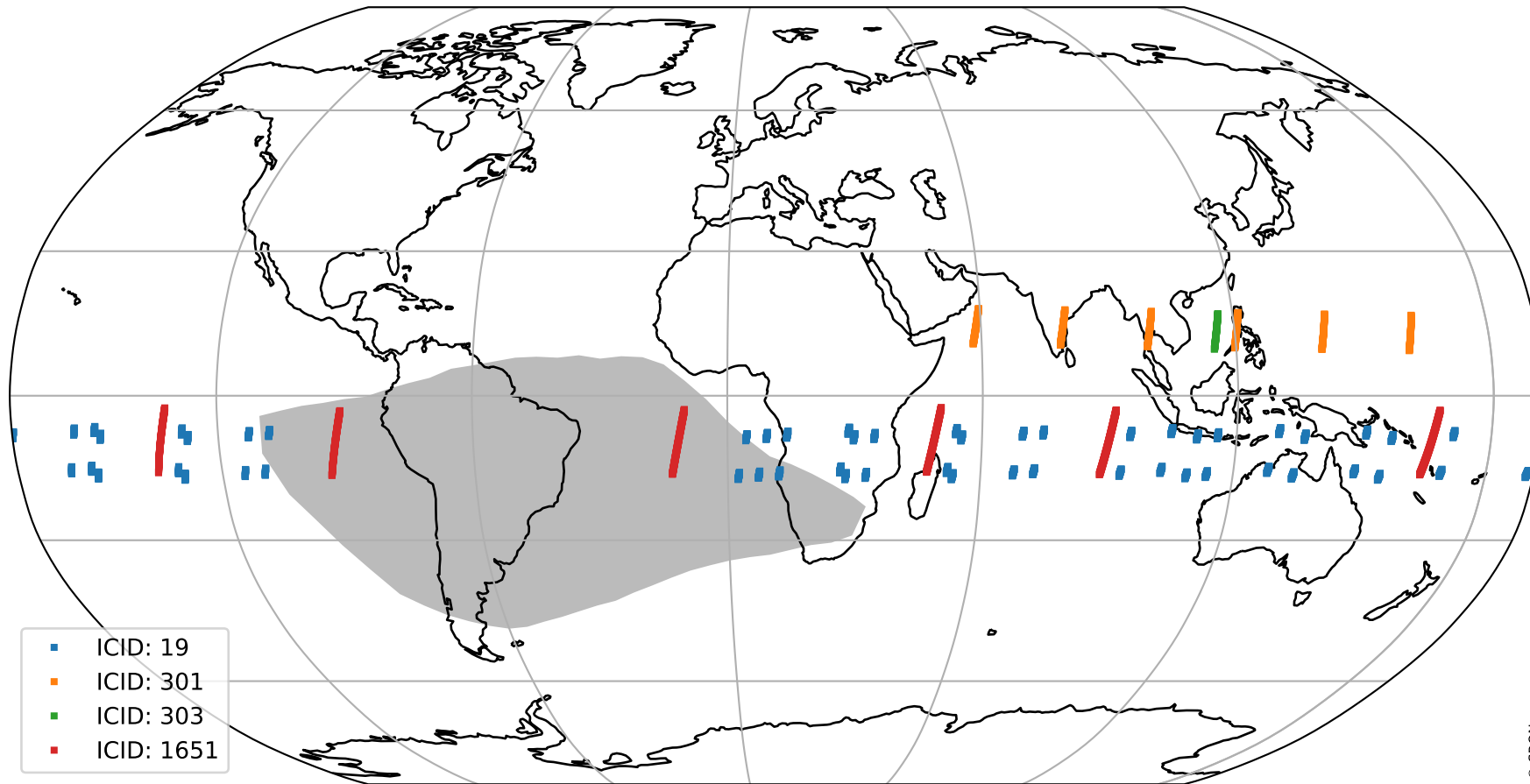
Tropomi SWIR background noise (swir)

orbits : 13 in [19732, 19807]
coverage : 2021-08-03 / 2021-08-08
median : 0.98324
spread : 0.17566
created : 2023-08-21T16:07:35



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

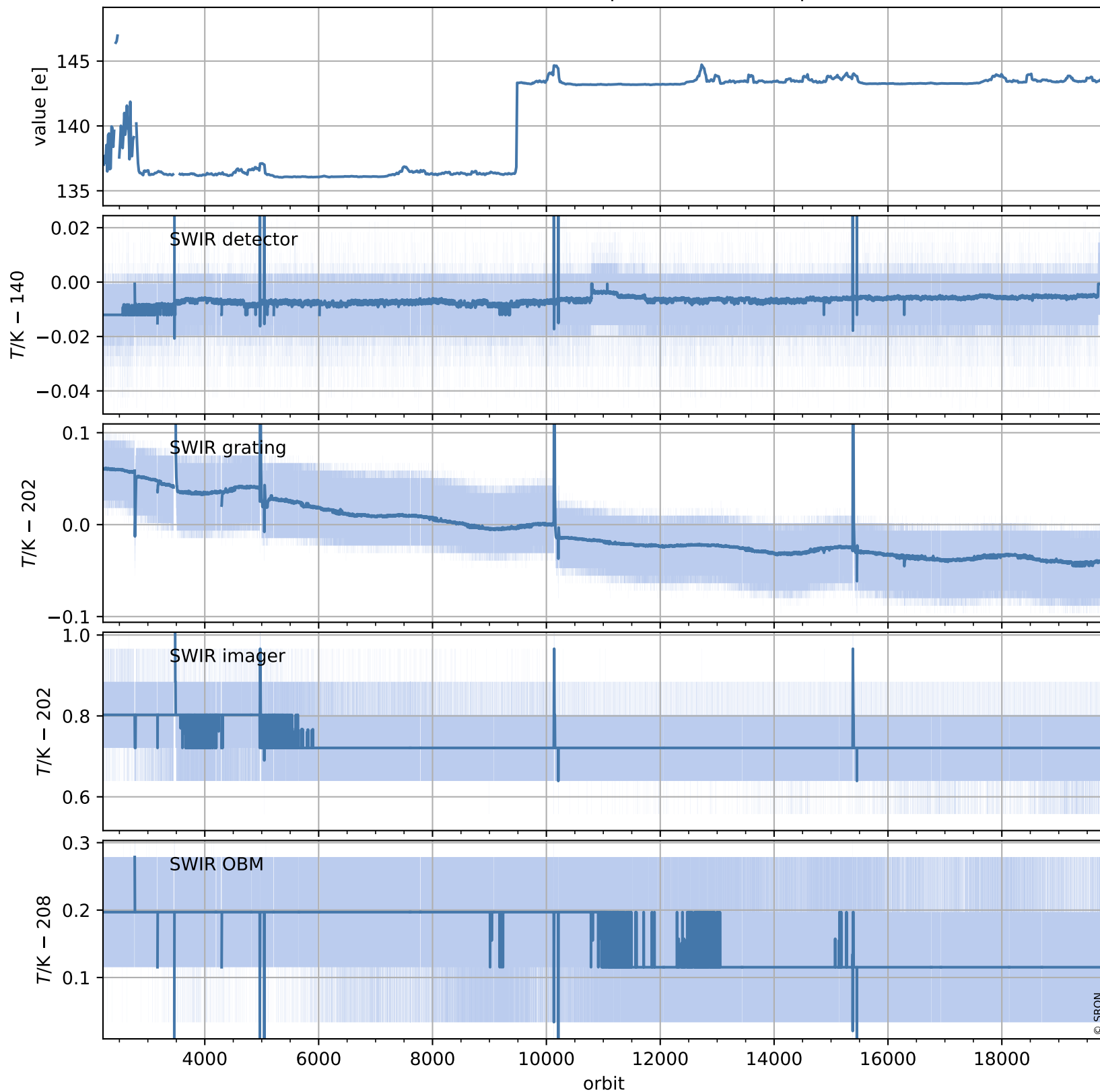
orbits : 13 in [19732, 19807]
coverage : 2021-08-03 / 2021-08-08
created : 2023-08-21T16:07:35



Tropomi SWIR background noise (swir)

orbits : [2212, 19807]
coverage : 2018-03-18 / 2021-08-08
created : 2023-08-21T16:07:36

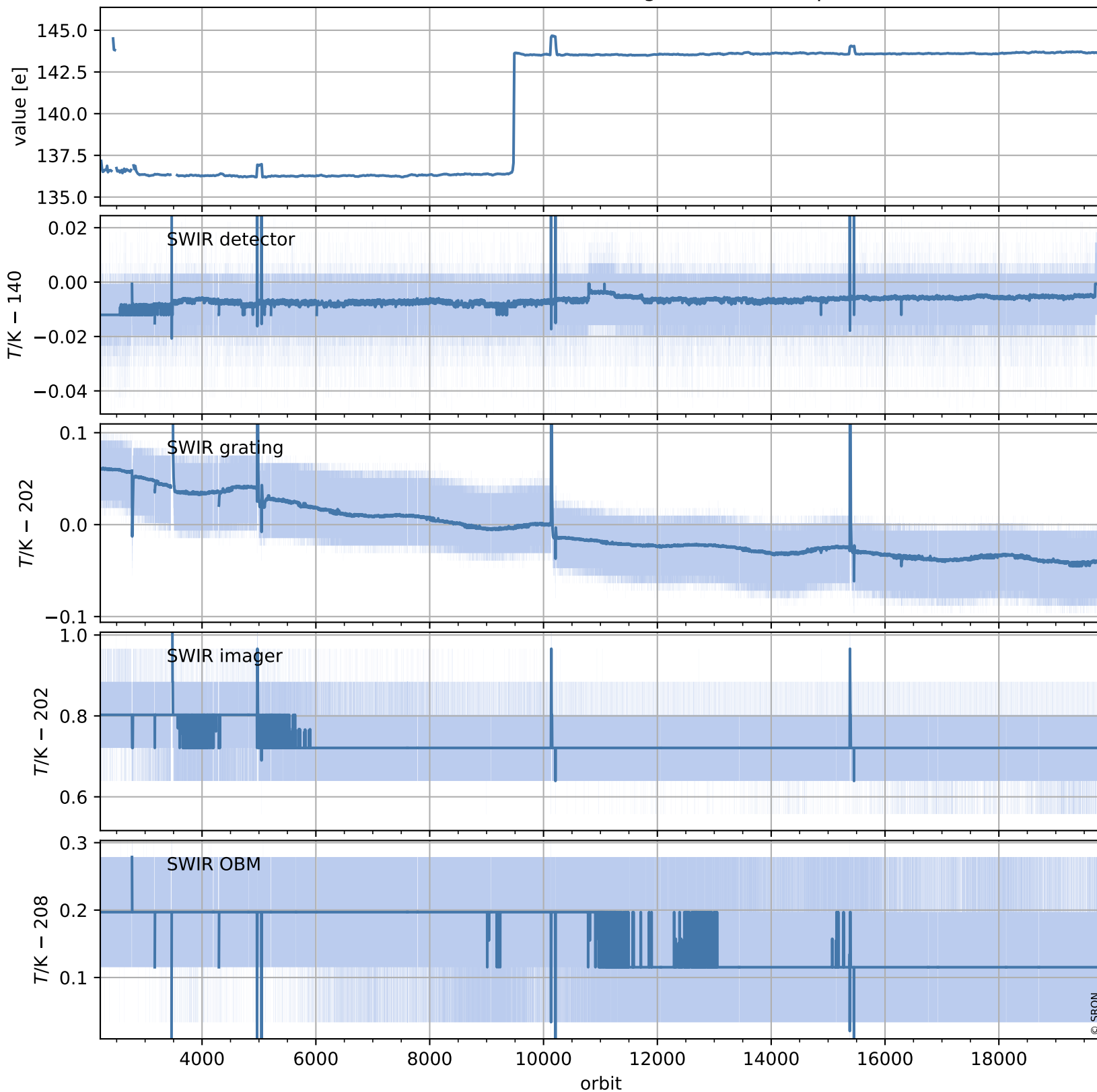
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19807]
coverage : 2018-03-18 / 2021-08-08
created : 2023-08-21T16:07:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19807]
coverage : 2018-03-18 / 2021-08-08
created : 2023-08-21T16:07:37

trend of normalized read-noise & temperatures

