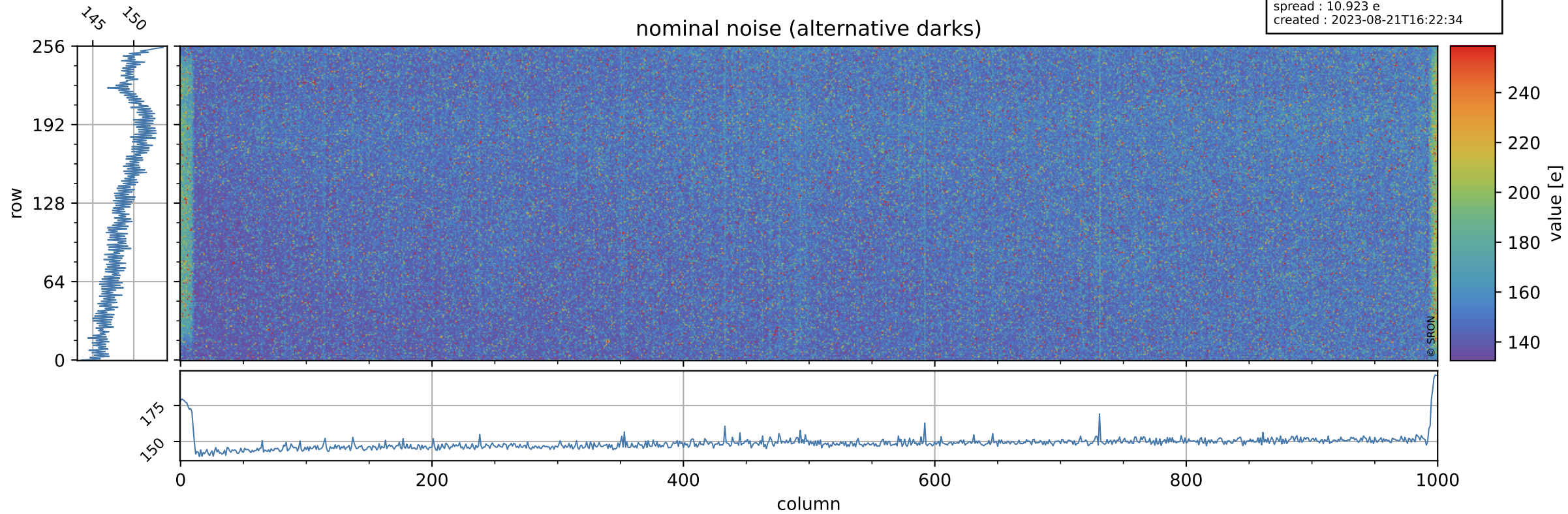


Tropomi SWIR background noise (swir)

orbits : 12 in [22162, 22237]
coverage : 2022-01-21 / 2022-01-27
n_coad, t_exp : 1, 1.0783
median : 148.7 e
spread : 10.923 e
created : 2023-08-21T16:22:34

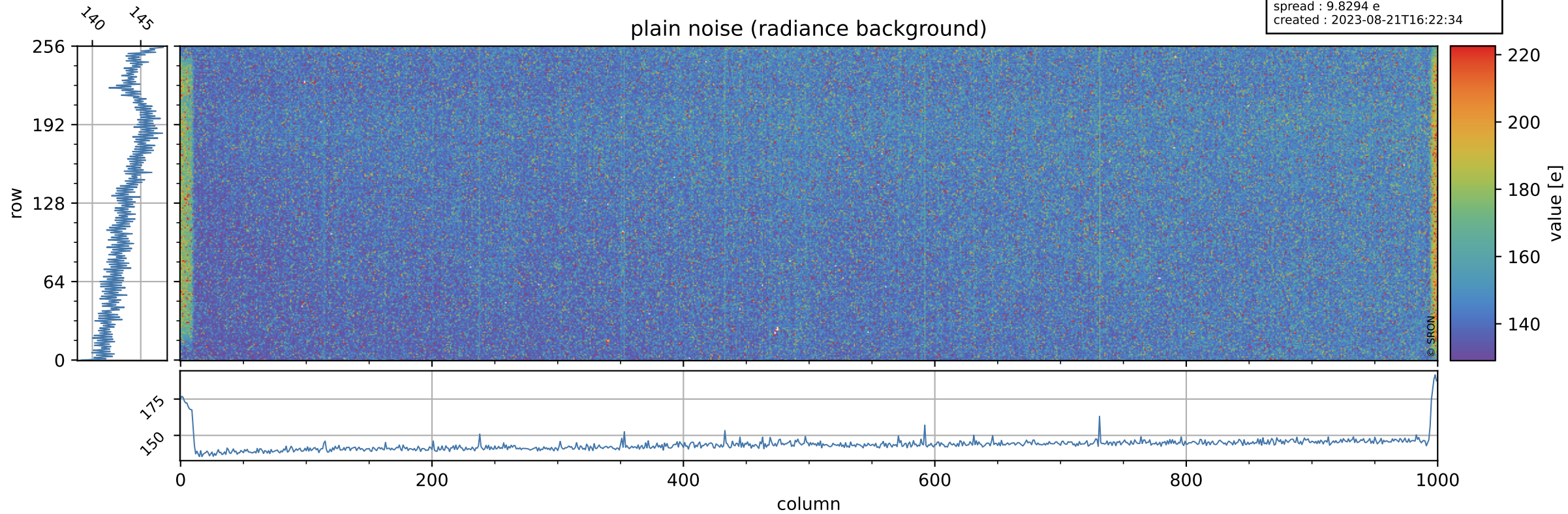
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22162, 22237]
coverage : 2022-01-21 / 2022-01-27
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8294 e
created : 2023-08-21T16:22:34

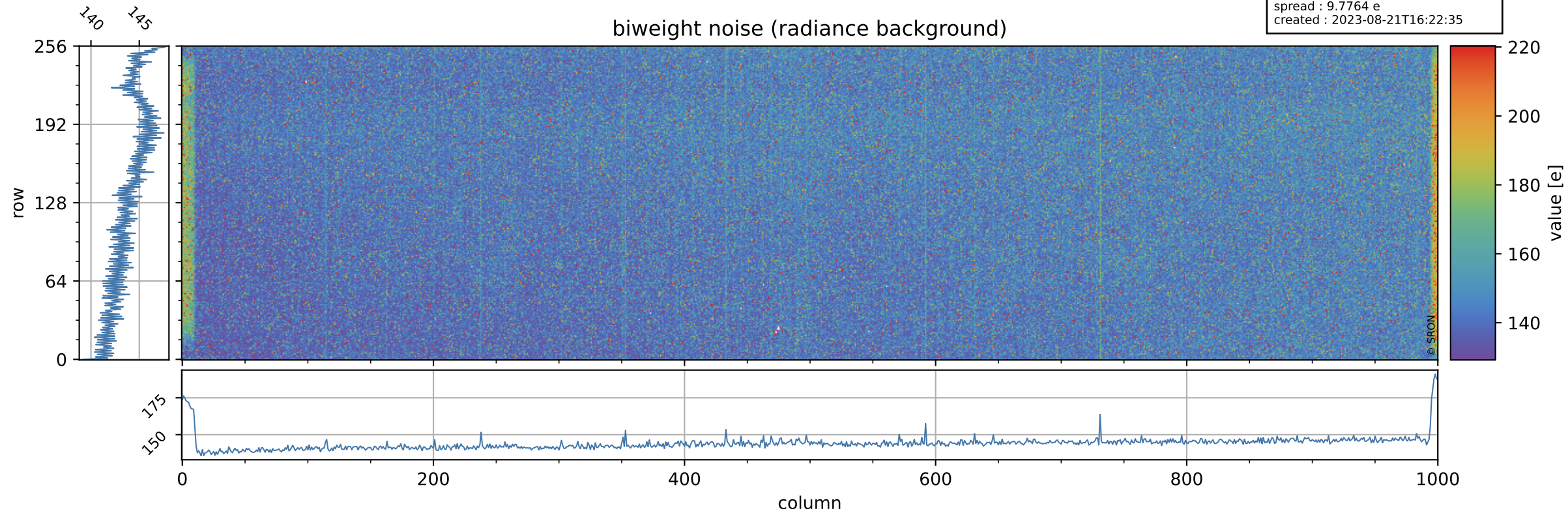
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22162, 22237]
coverage : 2022-01-21 / 2022-01-27
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.7764 e
created : 2023-08-21T16:22:35

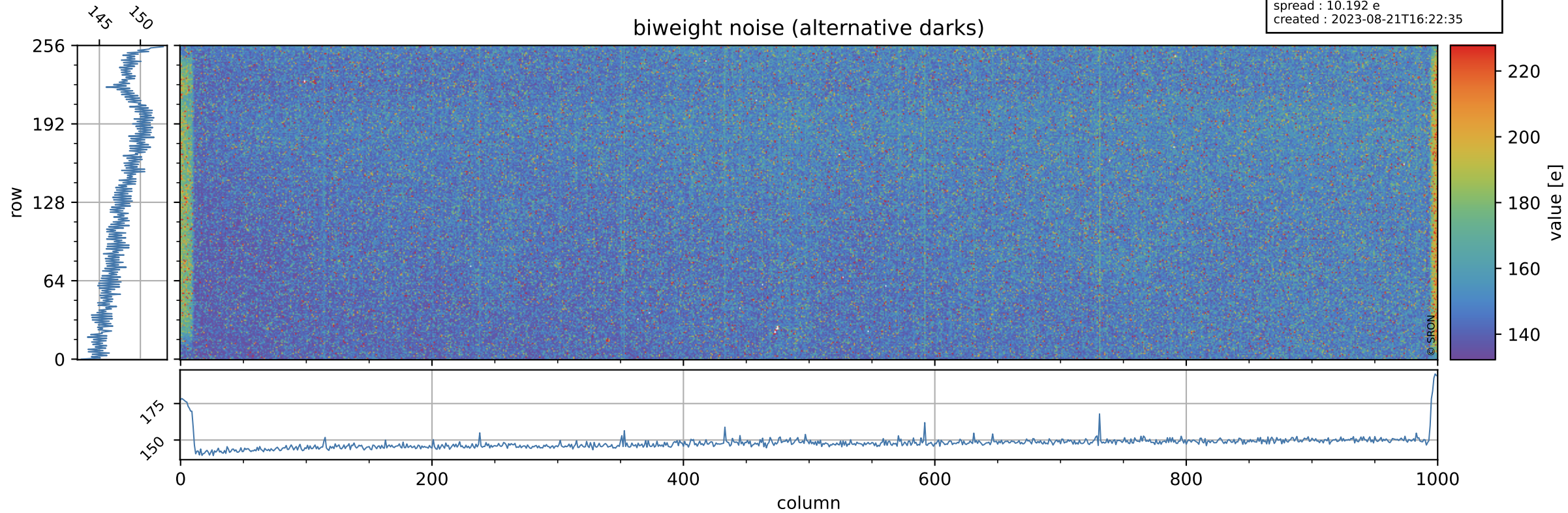
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22162, 22237]
coverage : 2022-01-21 / 2022-01-27
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.192 e
created : 2023-08-21T16:22:35

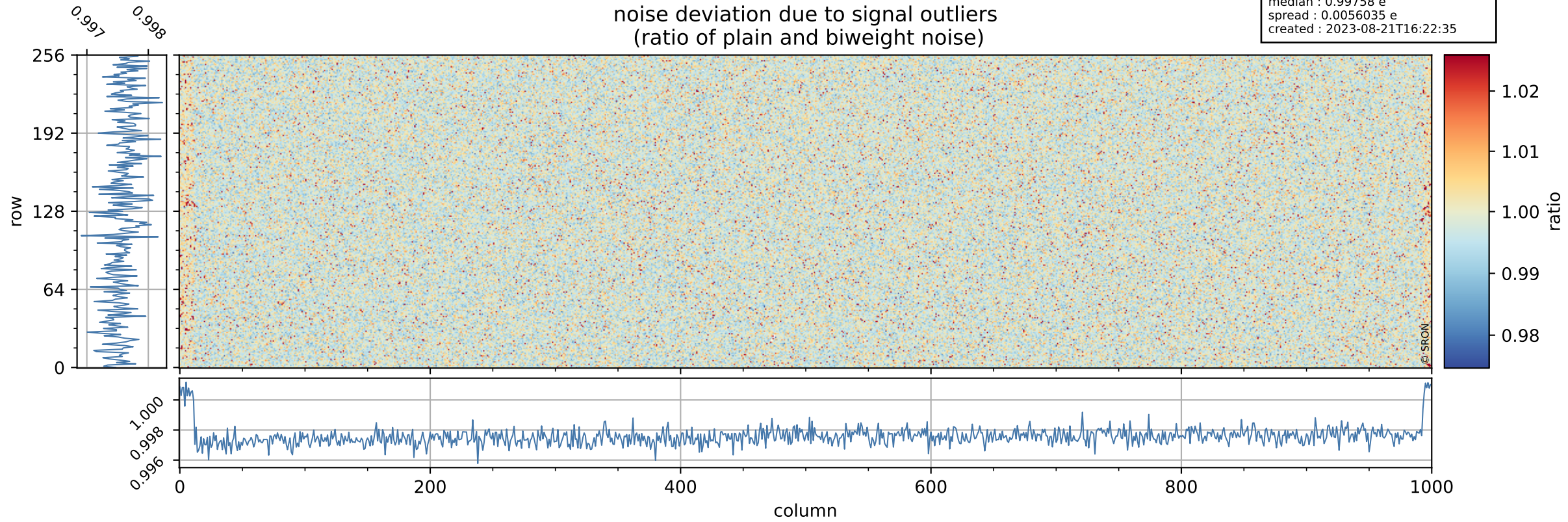
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

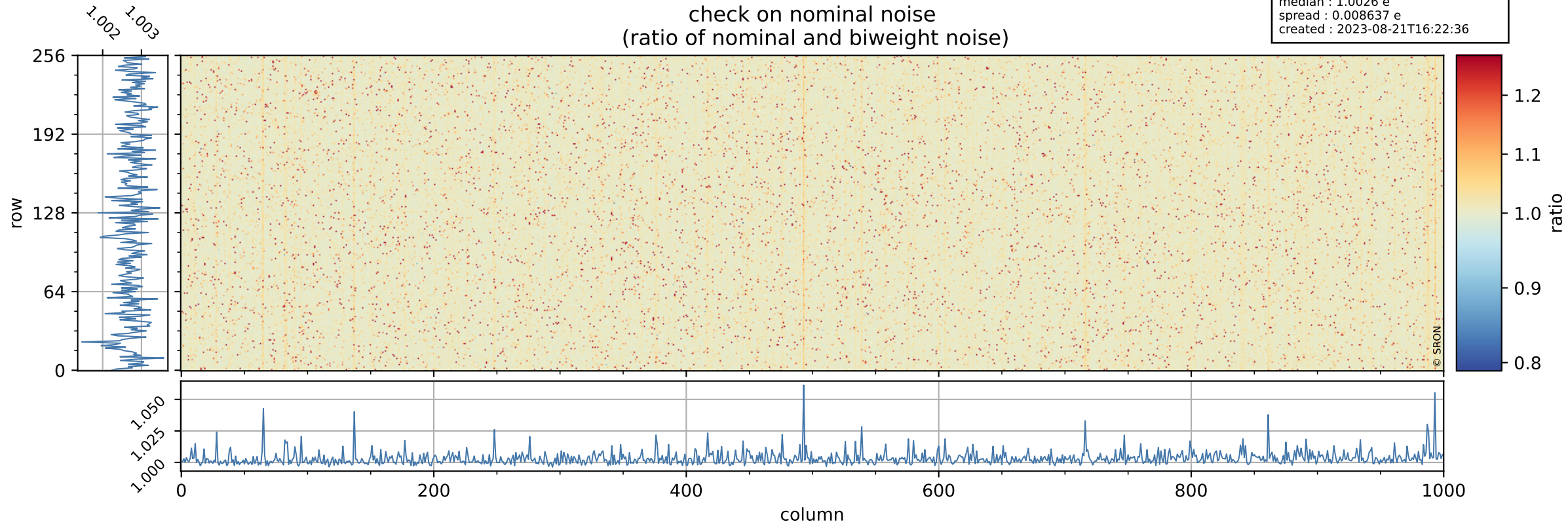
orbits : 12 in [22162, 22237]
coverage : 2022-01-21 / 2022-01-27
median : 0.99758 e
spread : 0.0056035 e
created : 2023-08-21T16:22:35



Tropomi SWIR background noise (swir)

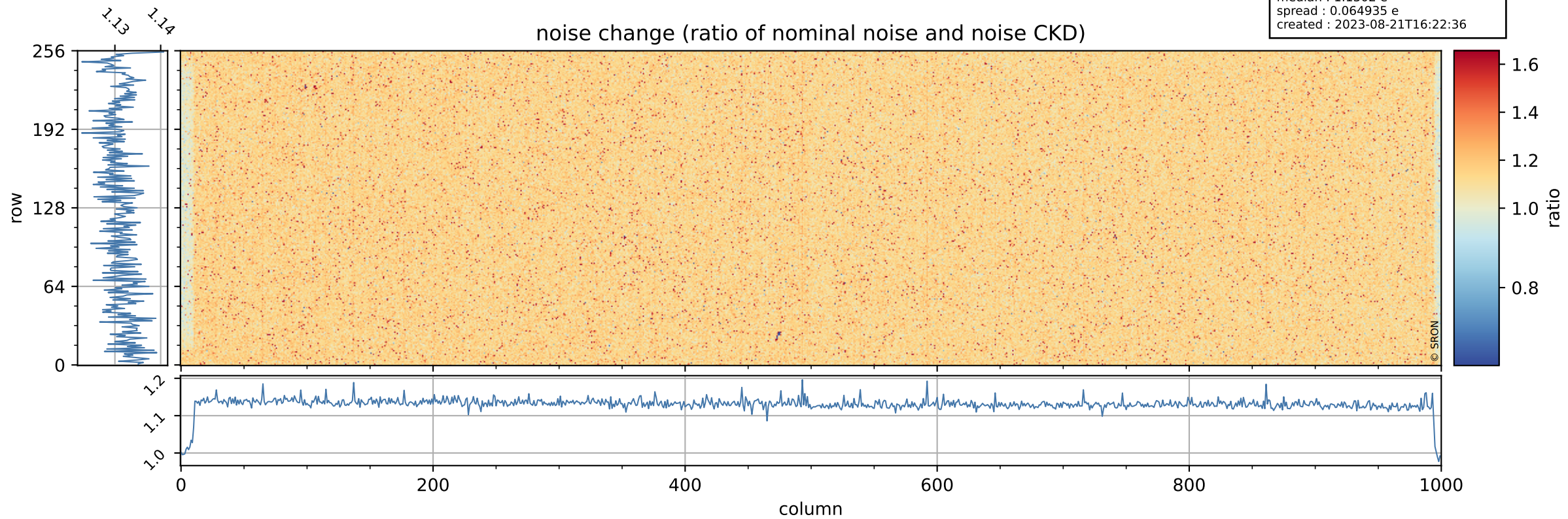
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22162, 22237]
coverage : 2022-01-21 / 2022-01-27
median : 1.0026 e
spread : 0.008637 e
created : 2023-08-21T16:22:36



Tropomi SWIR background noise (swir)

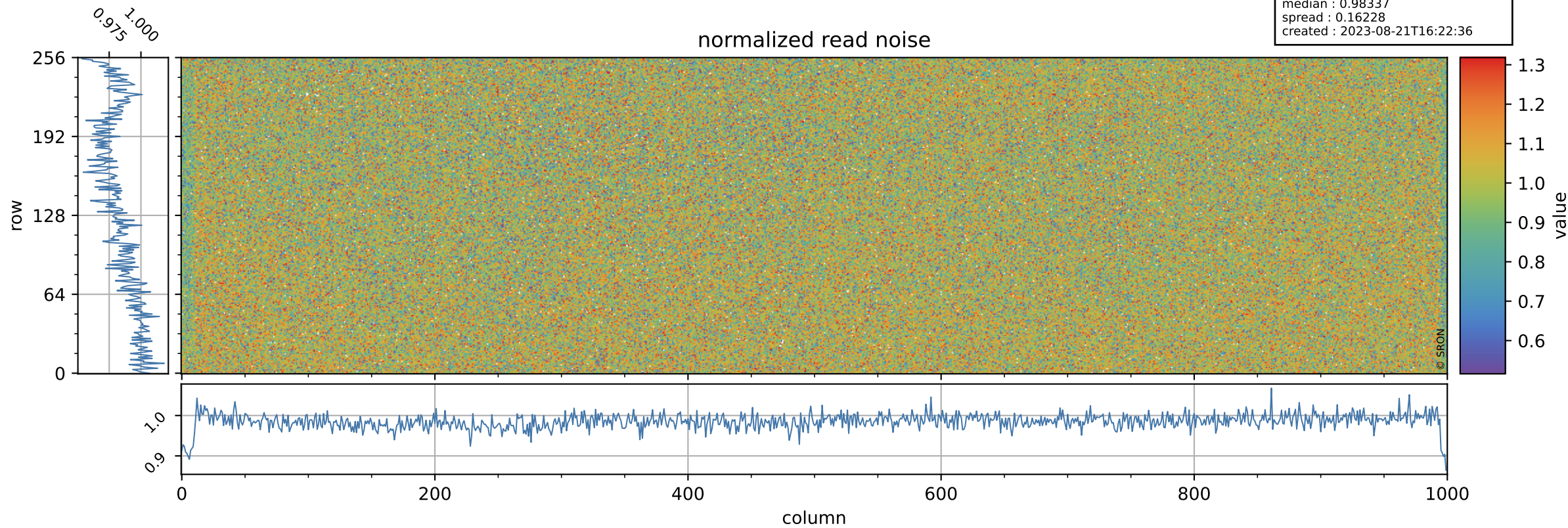
orbits : 12 in [22162, 22237]
coverage : 2022-01-21 / 2022-01-27
median : 1.1302 e
spread : 0.064935 e
created : 2023-08-21T16:22:36



Tropomi SWIR background noise (swir)

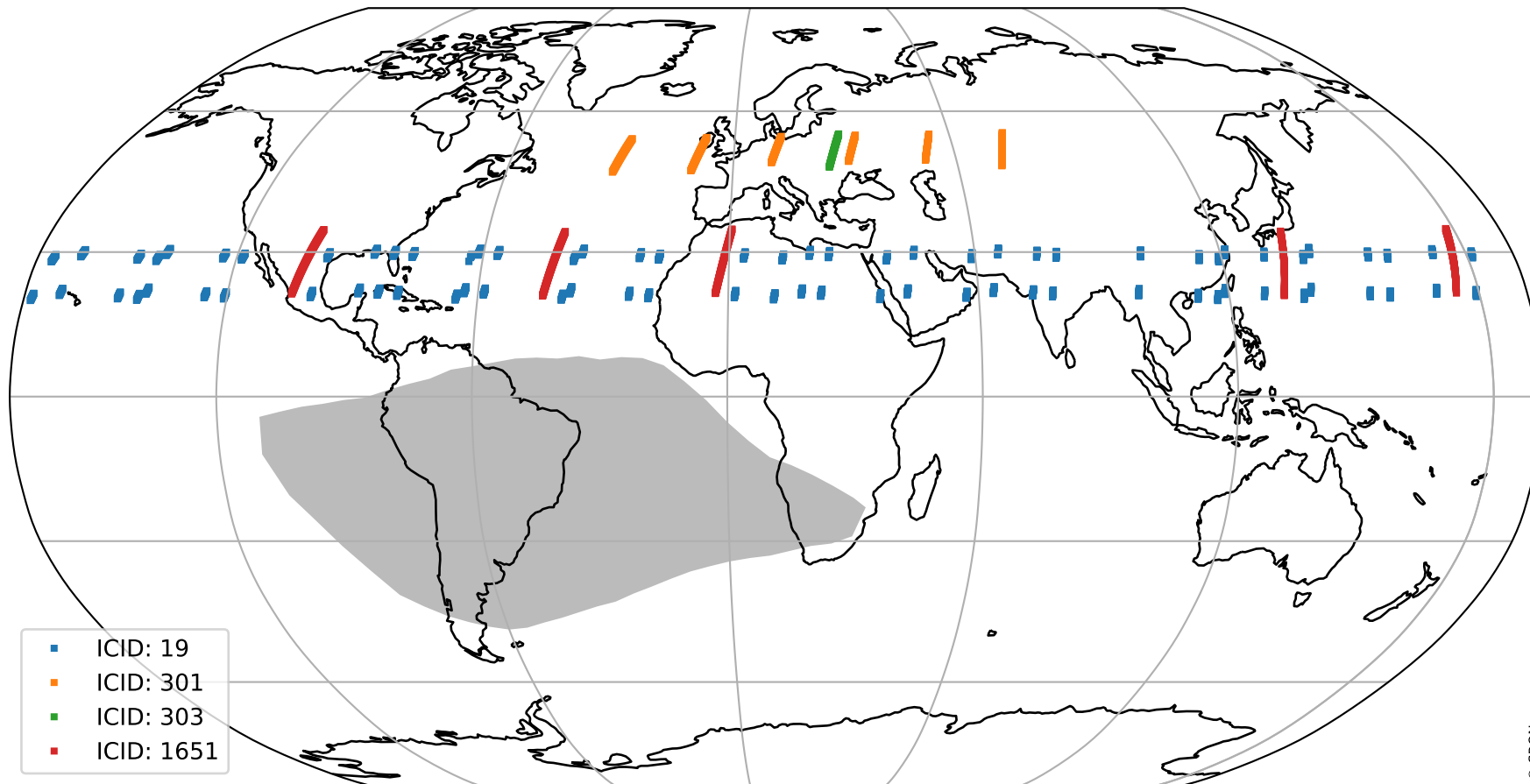
orbits : 12 in [22162, 22237]
coverage : 2022-01-21 / 2022-01-27
median : 0.98337
spread : 0.16228
created : 2023-08-21T16:22:36

normalized read noise



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

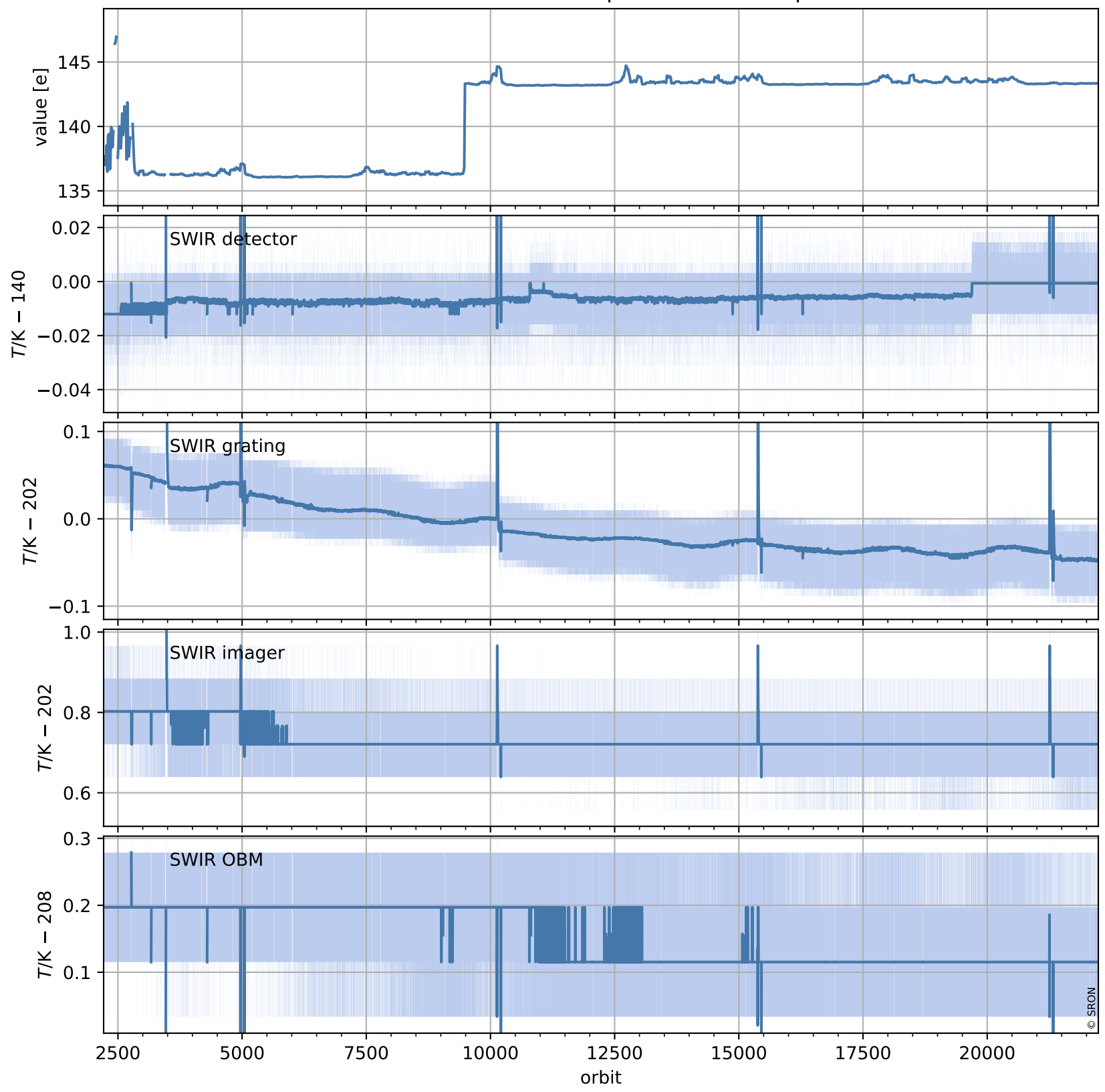
orbits : 12 in [22162, 22237]
coverage : 2022-01-21 / 2022-01-27
created : 2023-08-21T16:22:37



Tropomi SWIR background noise (swir)

orbits : [2212, 22237]
coverage : 2018-03-18 / 2022-01-27
created : 2023-08-21T16:22:37

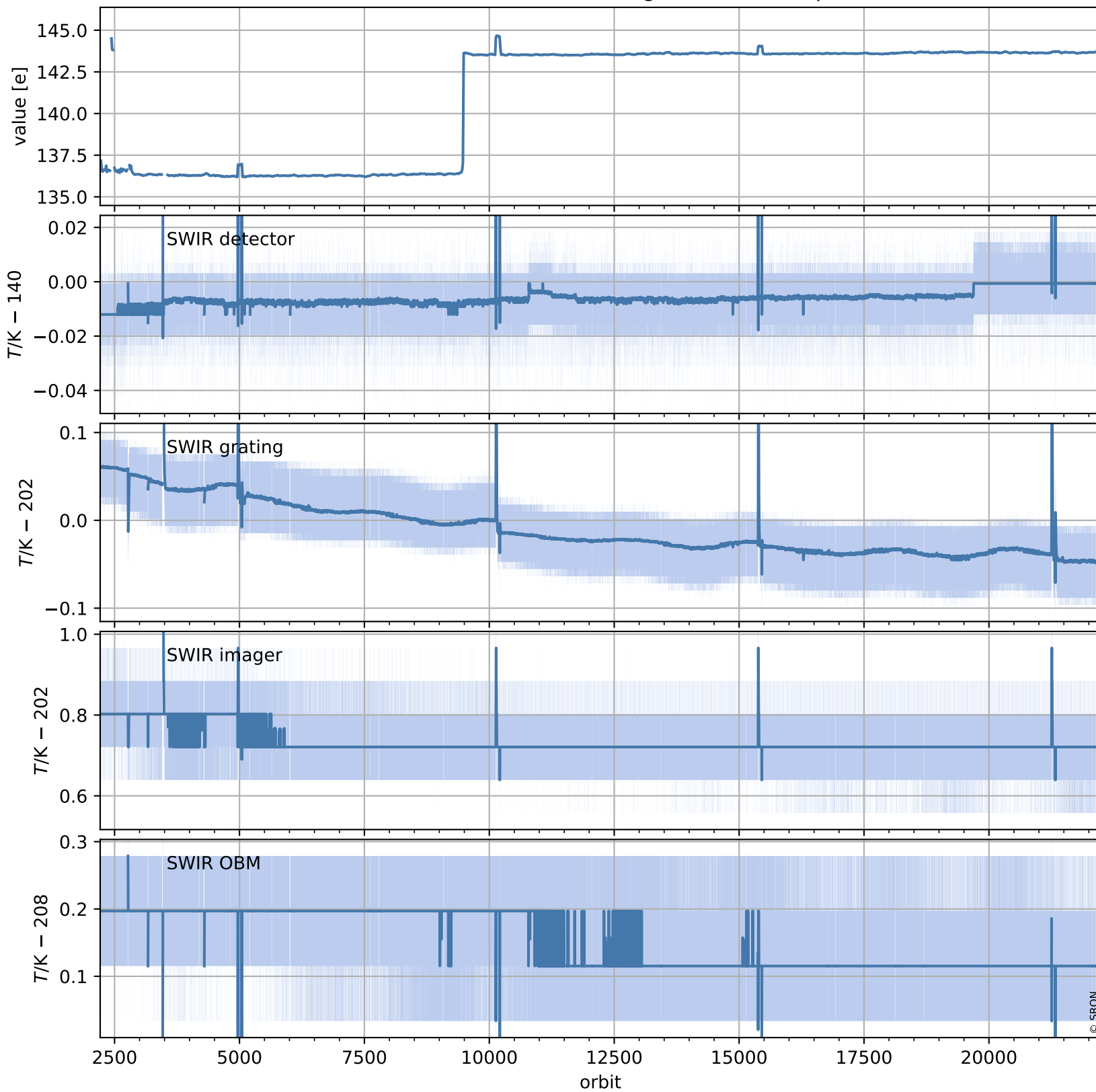
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22237]
coverage : 2018-03-18 / 2022-01-27
created : 2023-08-21T16:22:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22237]
coverage : 2018-03-18 / 2022-01-27
created : 2023-08-21T16:22:39

trend of normalized read-noise & temperatures

