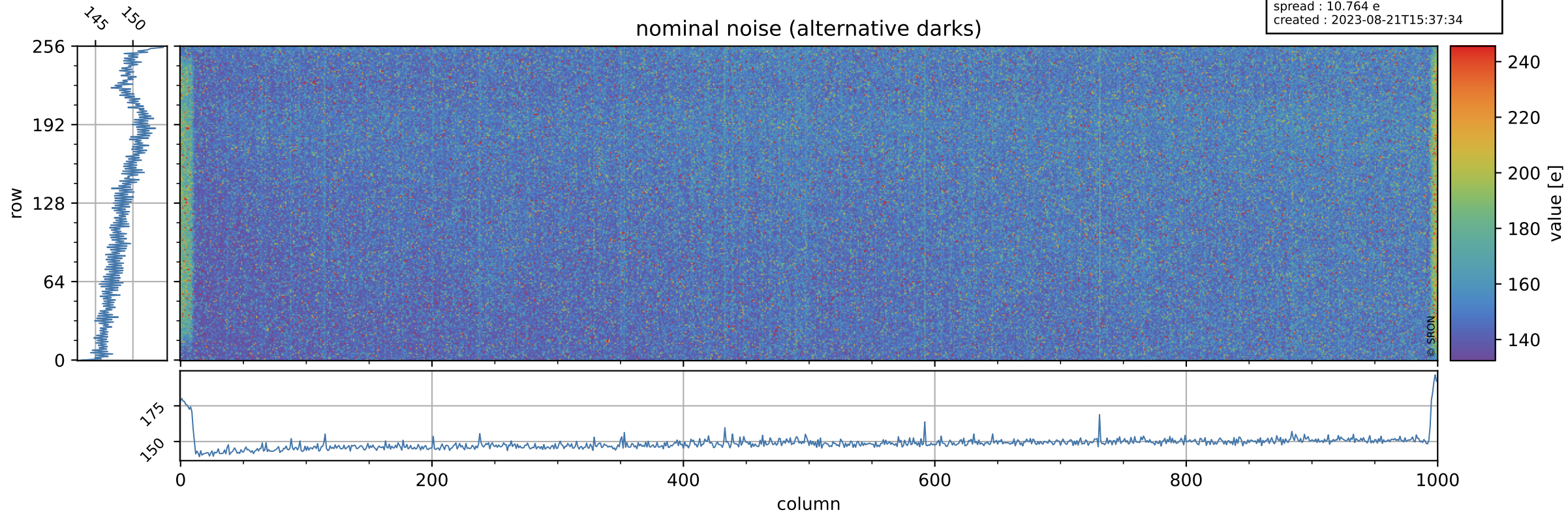


Tropomi SWIR background noise (swir)

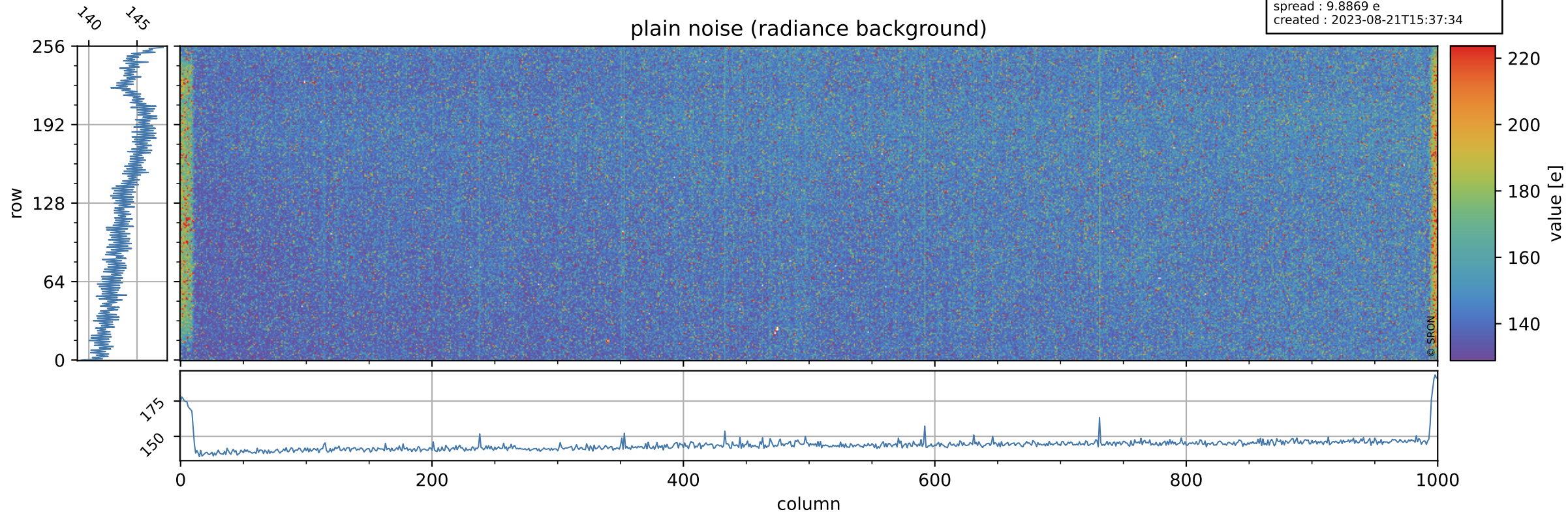
orbits : 12 in [14542, 14632]
coverage : 2020-08-03 / 2020-08-09
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.764 e
created : 2023-08-21T15:37:34



Tropomi SWIR background noise (swir)

orbits : 12 in [14542, 14632]
coverage : 2020-08-03 / 2020-08-09
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.8869 e
created : 2023-08-21T15:37:34

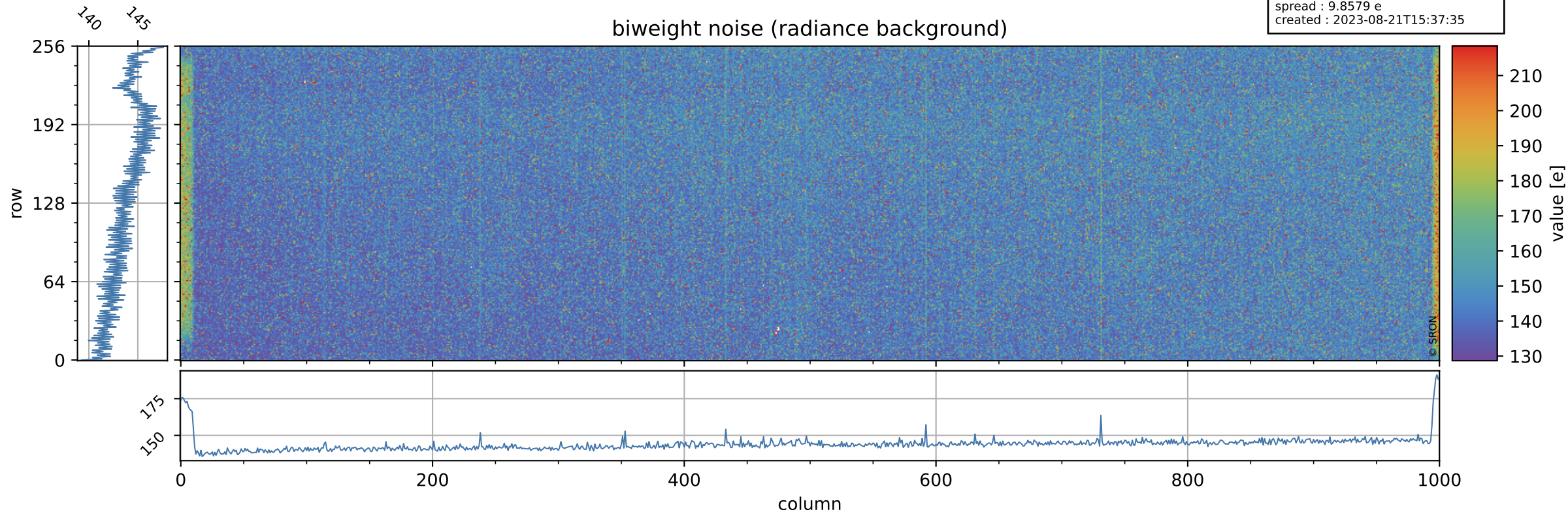
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14542, 14632]
coverage : 2020-08-03 / 2020-08-09
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.8579 e
created : 2023-08-21T15:37:35

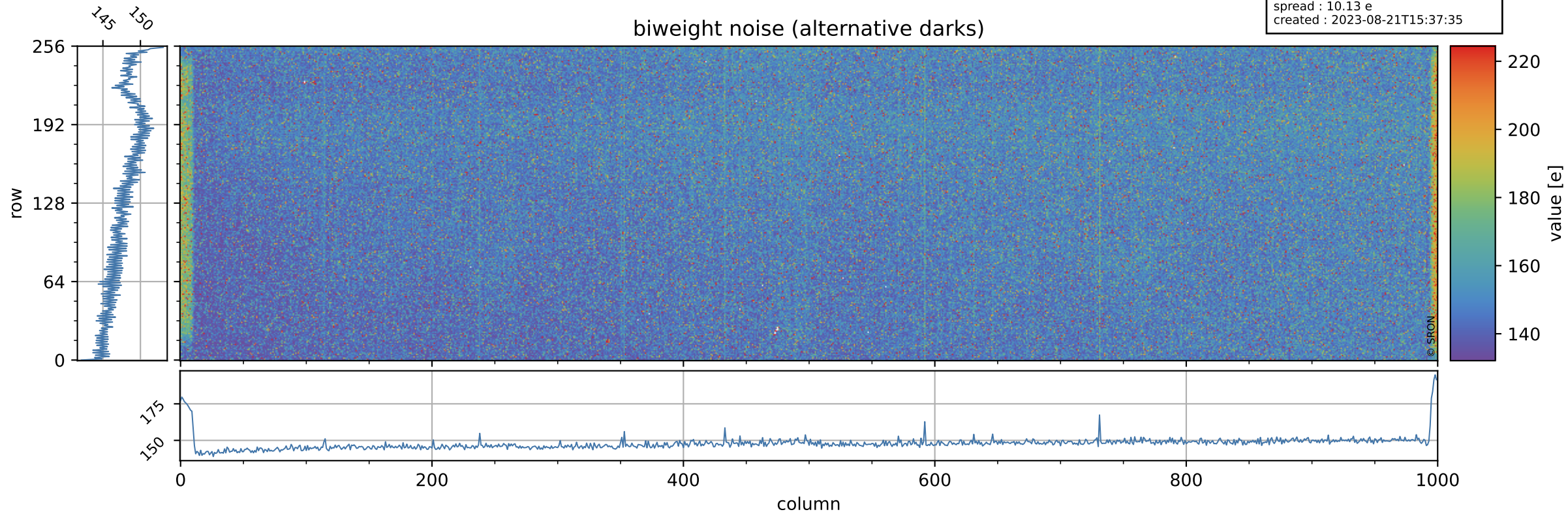
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14542, 14632]
coverage : 2020-08-03 / 2020-08-09
n_coad, t_exp : 1, 1.0783
median : 147.69 e
spread : 10.13 e
created : 2023-08-21T15:37:35

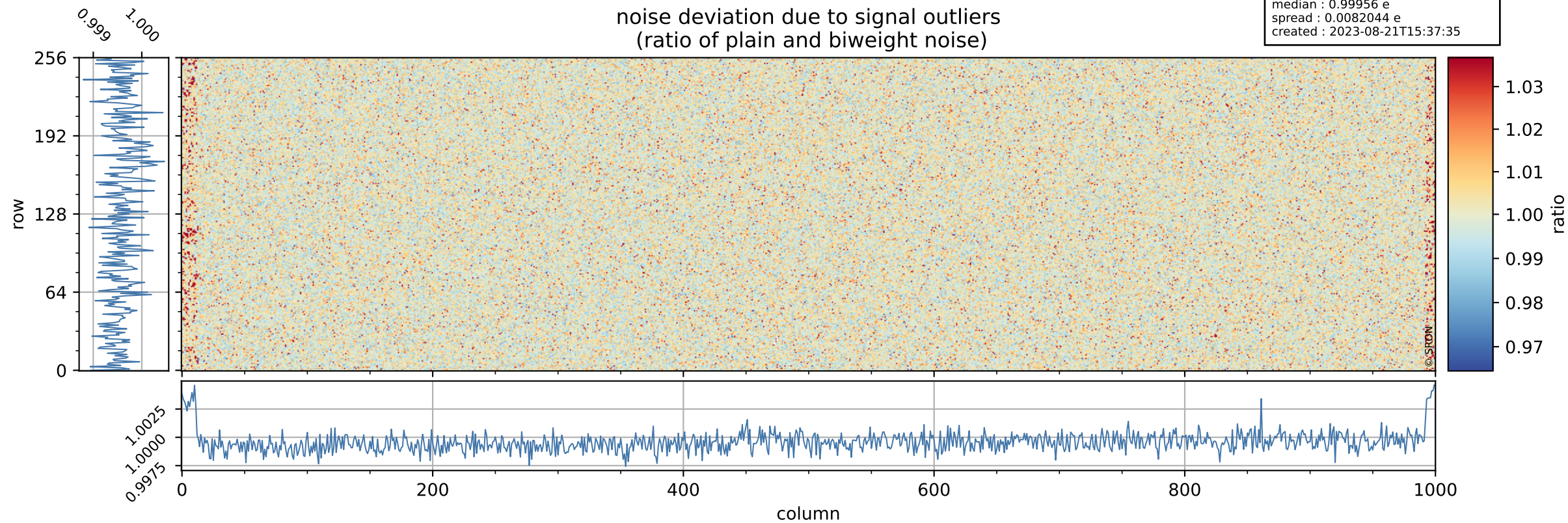
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

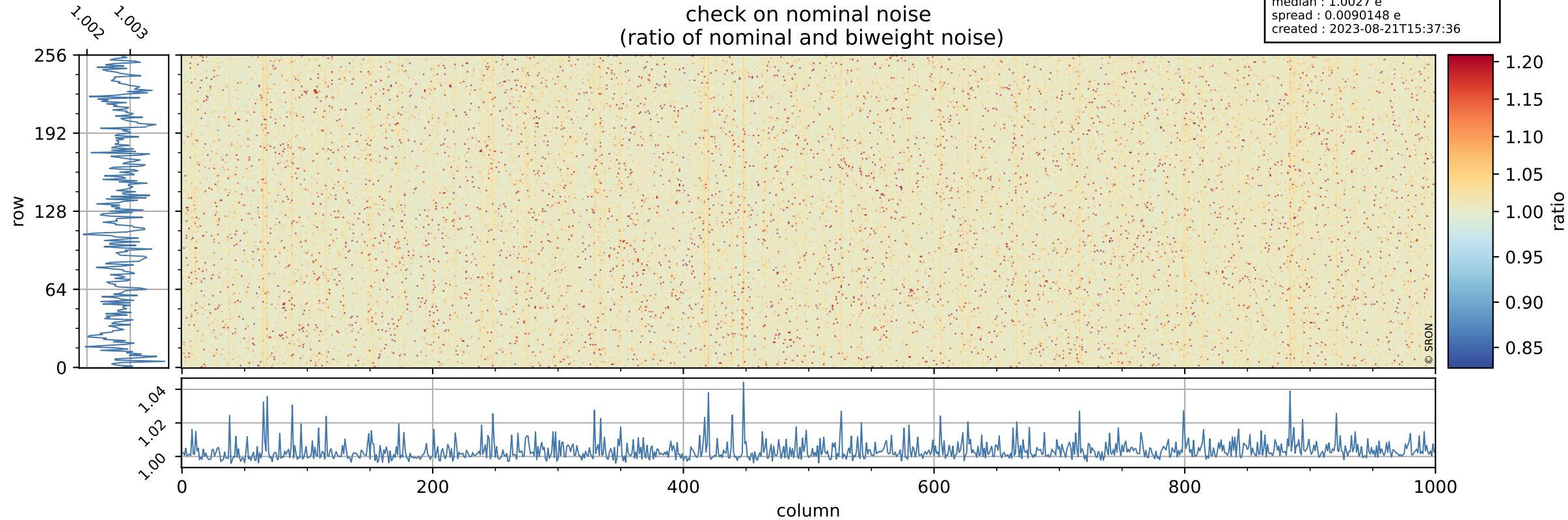
orbits : 12 in [14542, 14632]
coverage : 2020-08-03 / 2020-08-09
median : 0.99956 e
spread : 0.0082044 e
created : 2023-08-21T15:37:35



Tropomi SWIR background noise (swir)

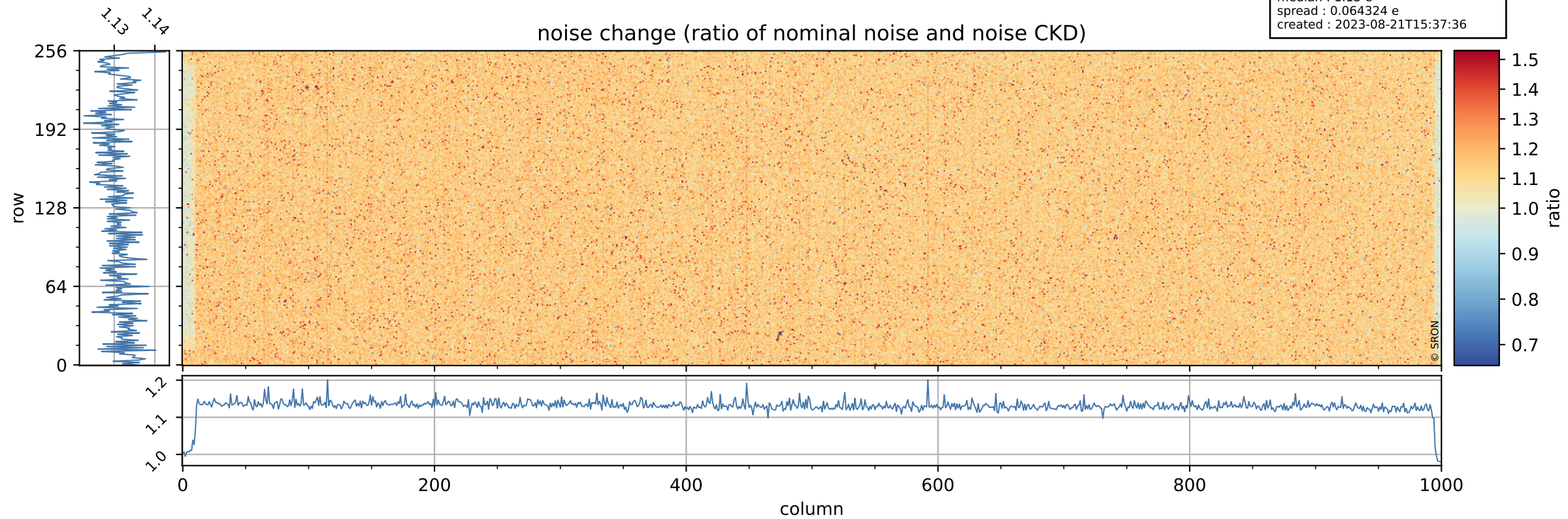
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14542, 14632]
coverage : 2020-08-03 / 2020-08-09
median : 1.0027 e
spread : 0.0090148 e
created : 2023-08-21T15:37:36



Tropomi SWIR background noise (swir)

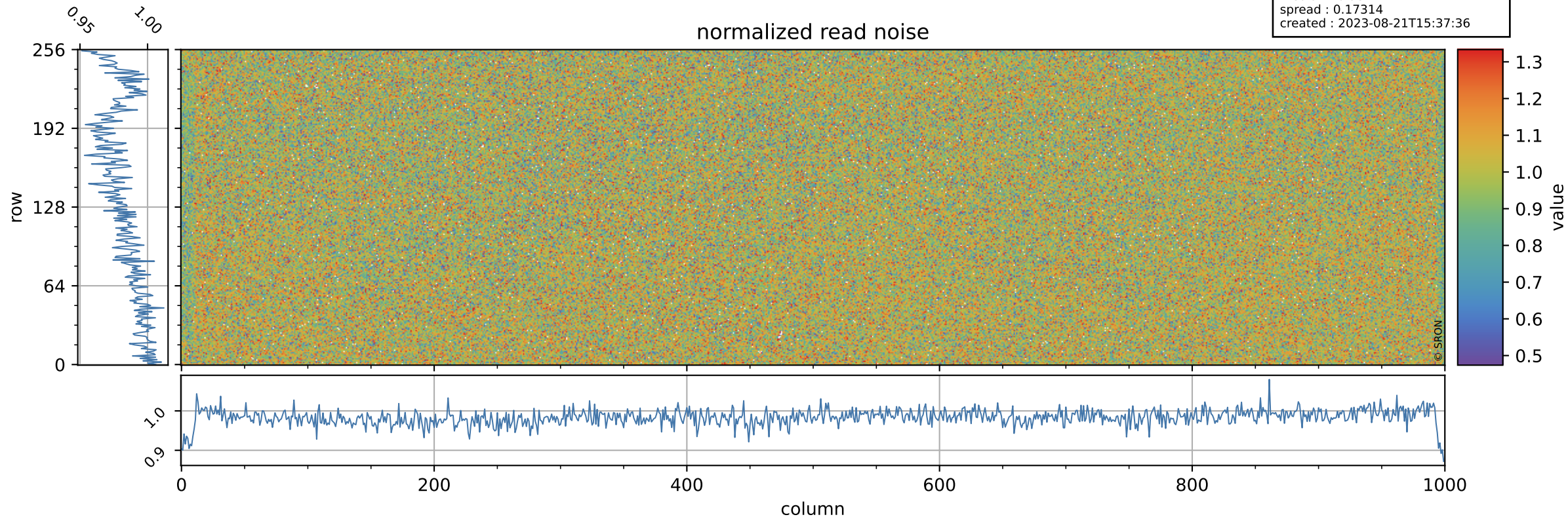
orbits : 12 in [14542, 14632]
coverage : 2020-08-03 / 2020-08-09
median : 1.13 e
spread : 0.064324 e
created : 2023-08-21T15:37:36



Tropomi SWIR background noise (swir)

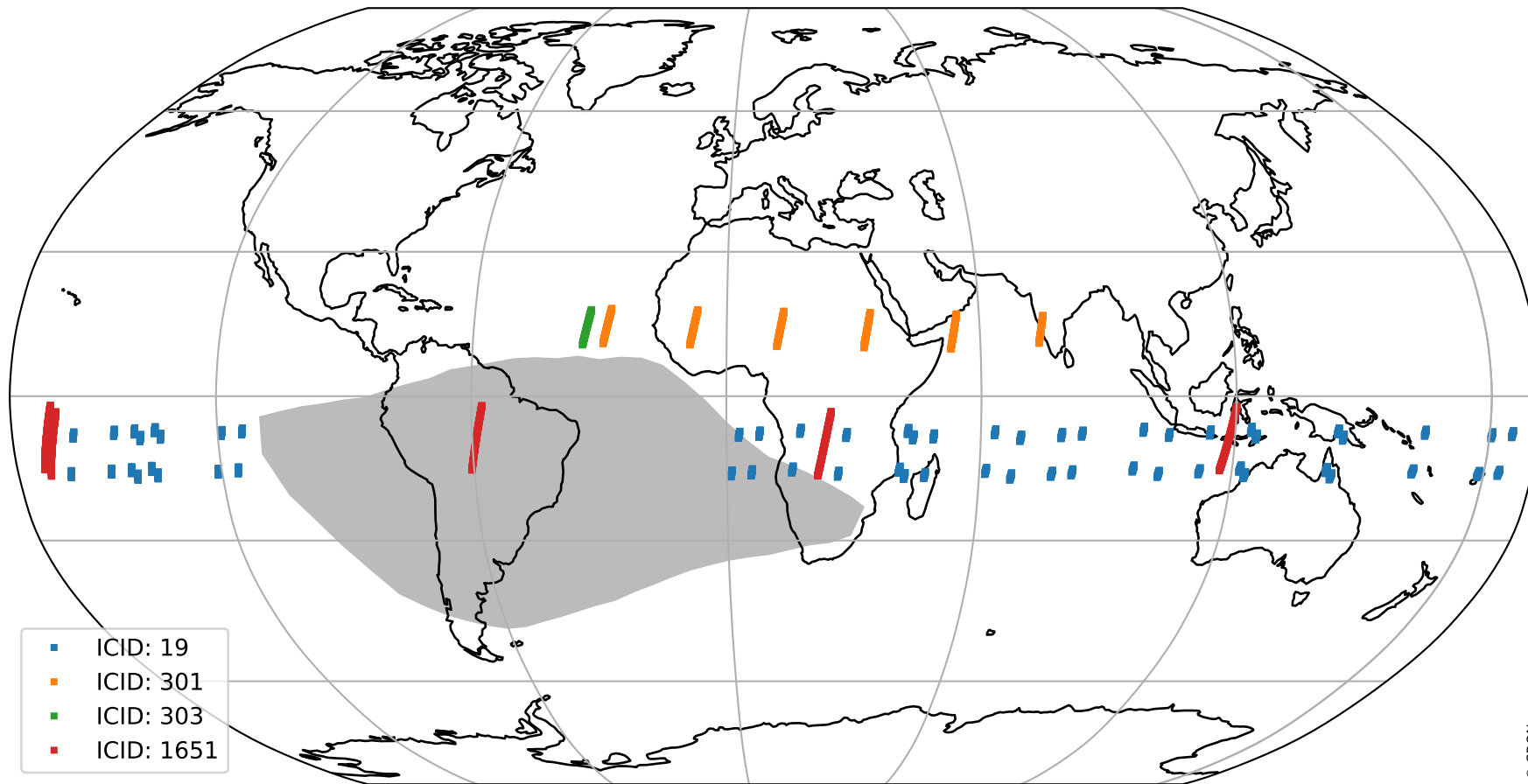
orbits : 12 in [14542, 14632]
coverage : 2020-08-03 / 2020-08-09
median : 0.9817
spread : 0.17314
created : 2023-08-21T15:37:36

normalized read noise



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

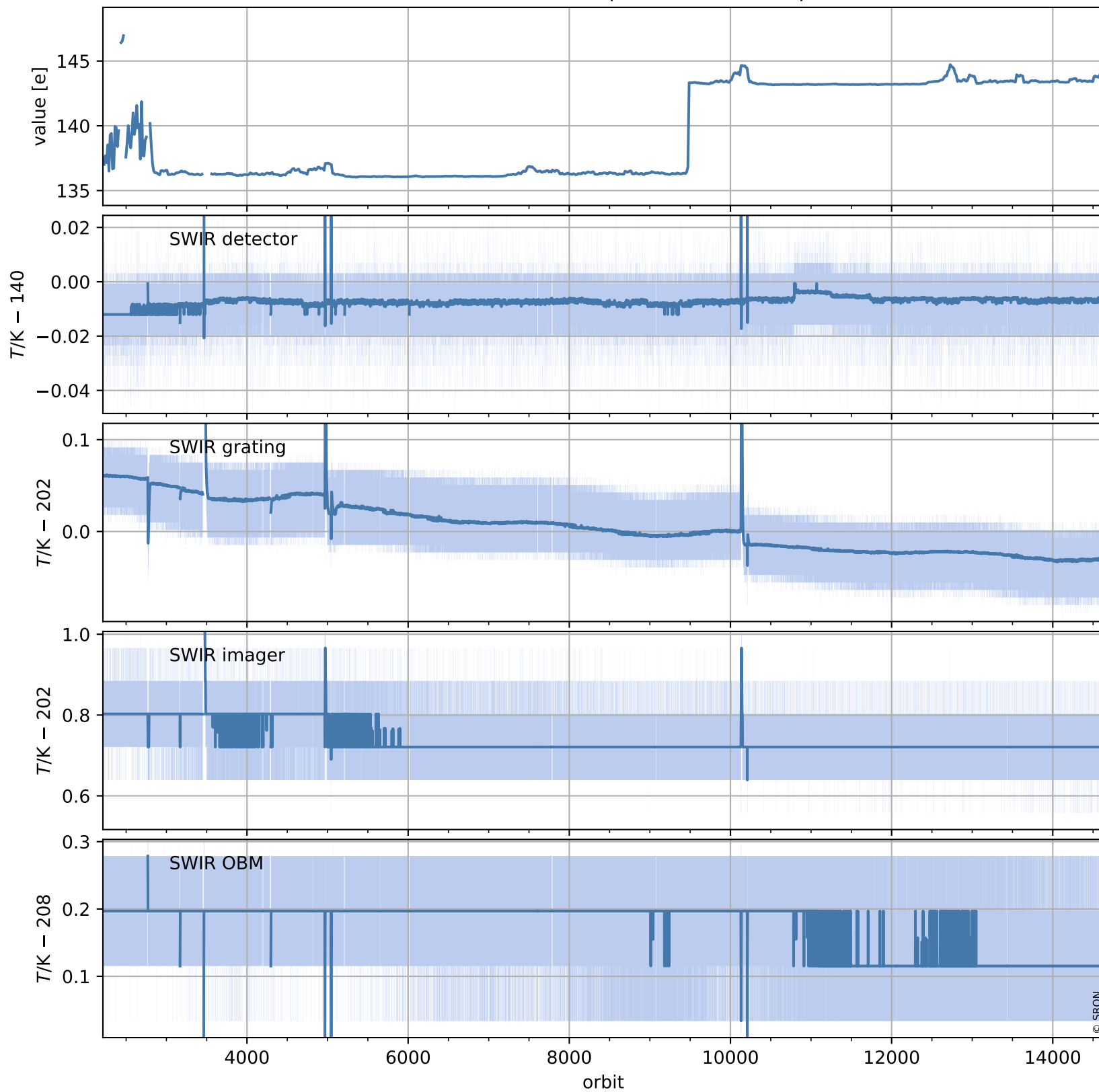
orbits : 12 in [14542, 14632]
coverage : 2020-08-03 / 2020-08-09
created : 2023-08-21T15:37:36



Tropomi SWIR background noise (swir)

orbits : [2212, 14632]
coverage : 2018-03-18 / 2020-08-09
created : 2023-08-21T15:37:37

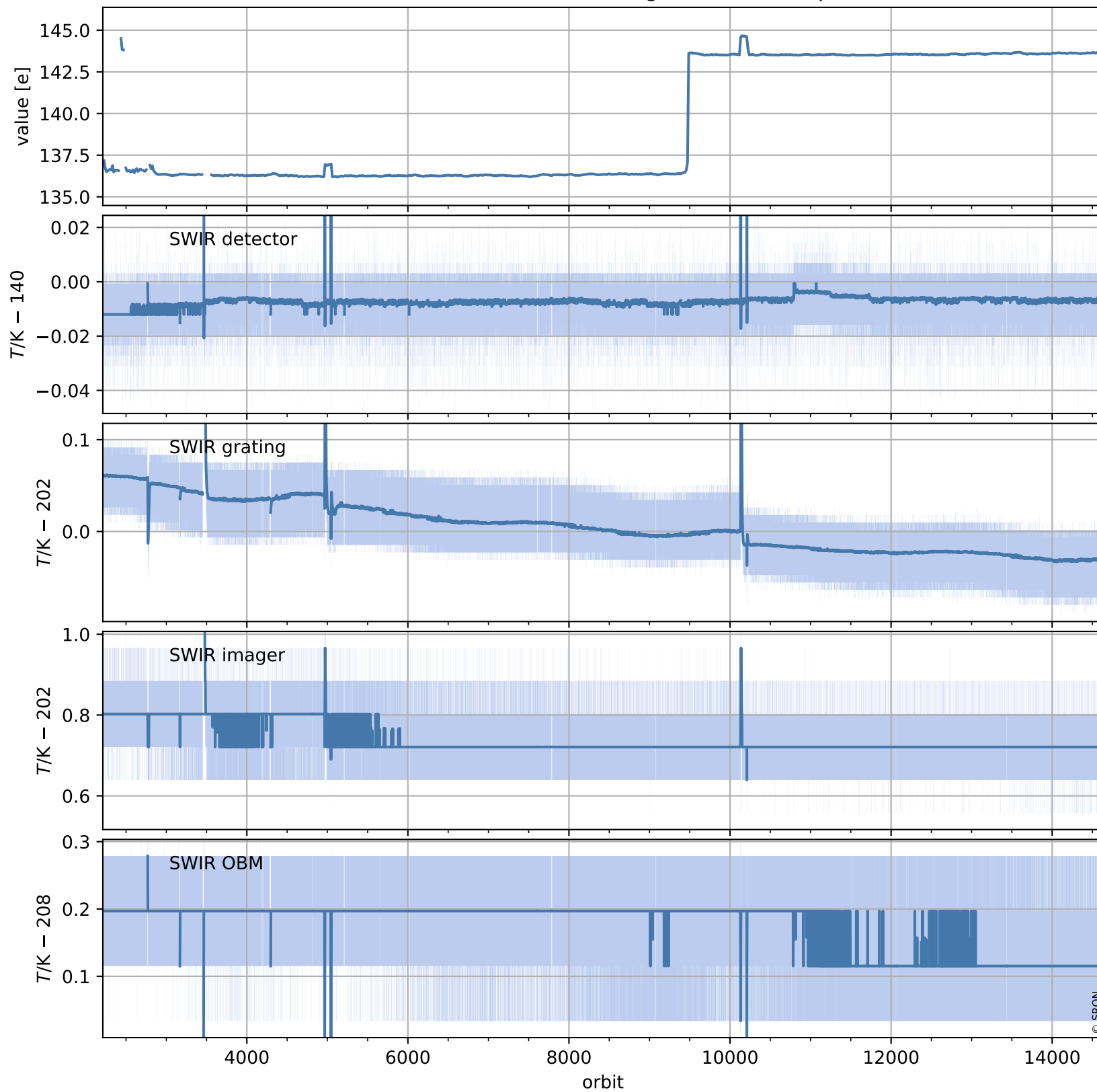
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14632]
coverage : 2018-03-18 / 2020-08-09
created : 2023-08-21T15:37:37

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14632]
coverage : 2018-03-18 / 2020-08-09
created : 2023-08-21T15:37:38

trend of normalized read-noise & temperatures

