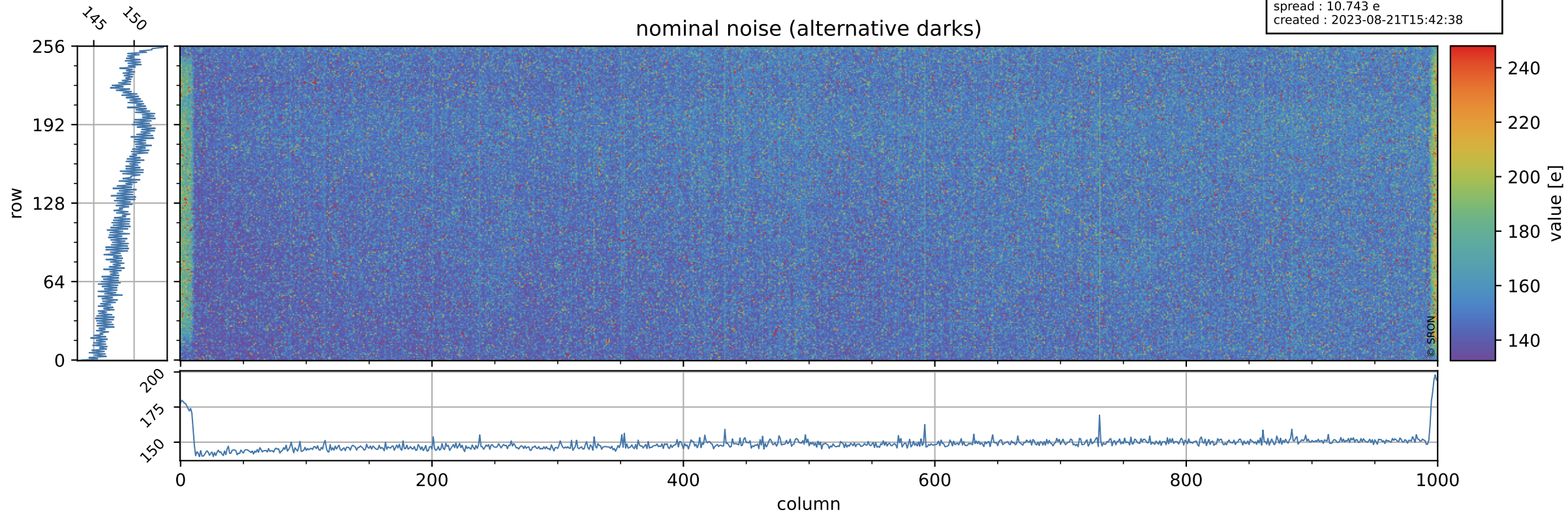


Tropomi SWIR background noise (swir)

orbits : 12 in [15457, 15547]
coverage : 2020-10-07 / 2020-10-13
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.743 e
created : 2023-08-21T15:42:38

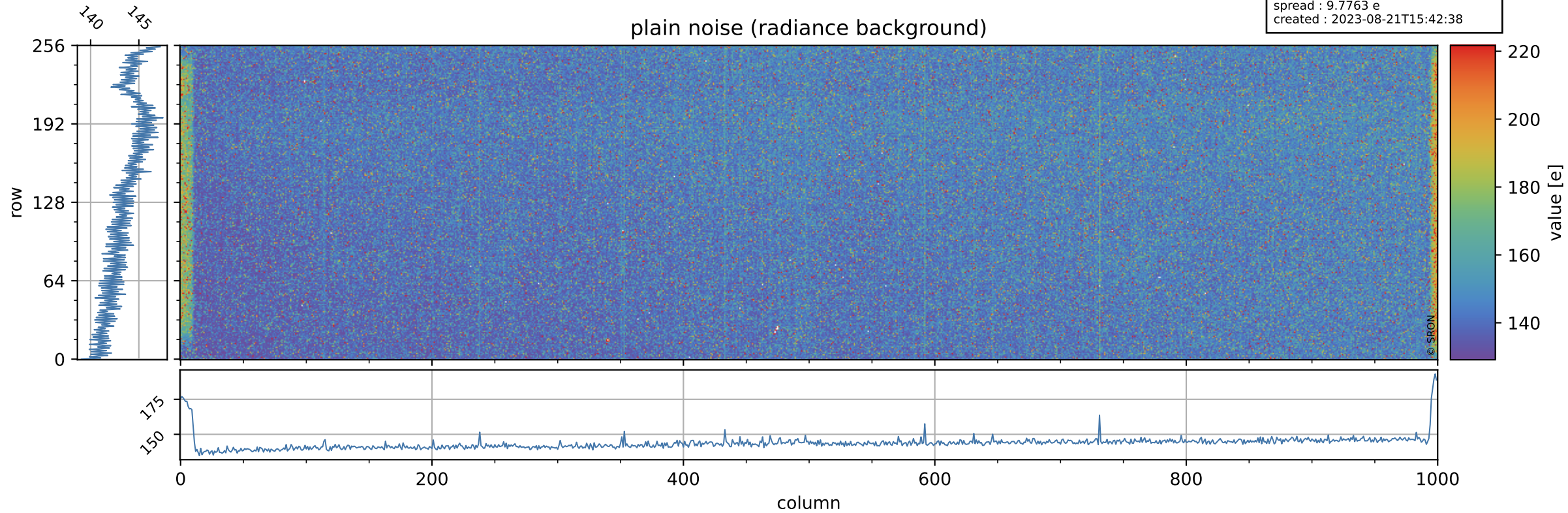
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15457, 15547]
coverage : 2020-10-07 / 2020-10-13
n_coad, t_exp : 1, 0.8383
median : 143.47 e
spread : 9.7763 e
created : 2023-08-21T15:42:38

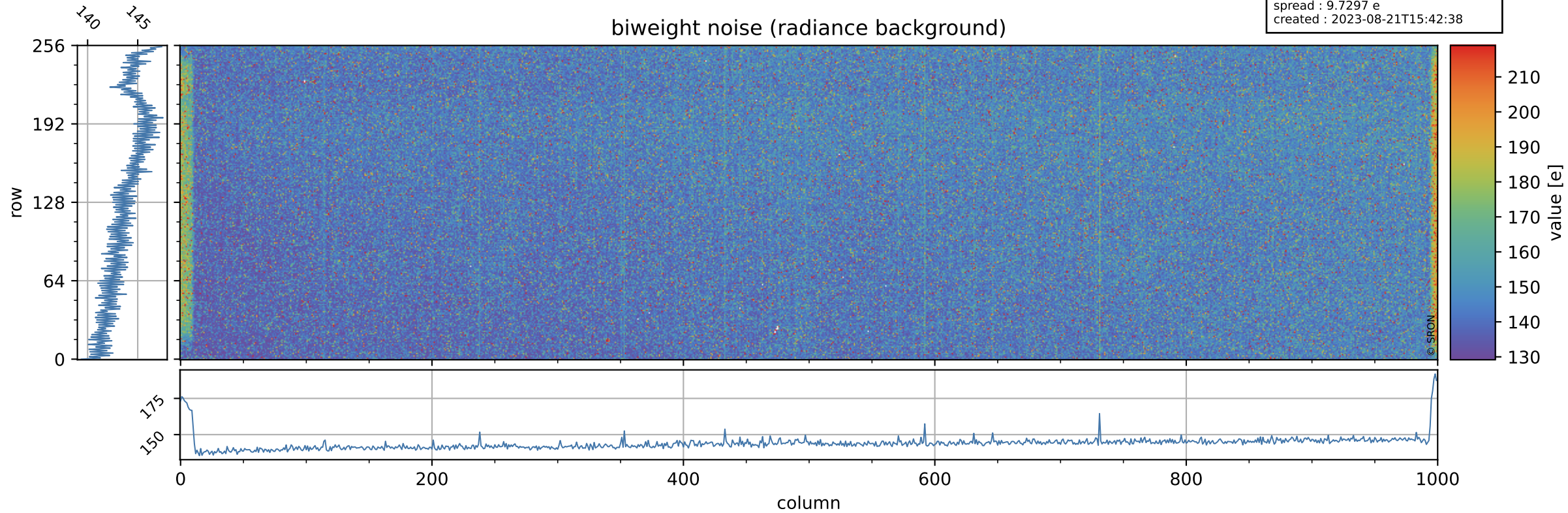
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15457, 15547]
coverage : 2020-10-07 / 2020-10-13
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.7297 e
created : 2023-08-21T15:42:38

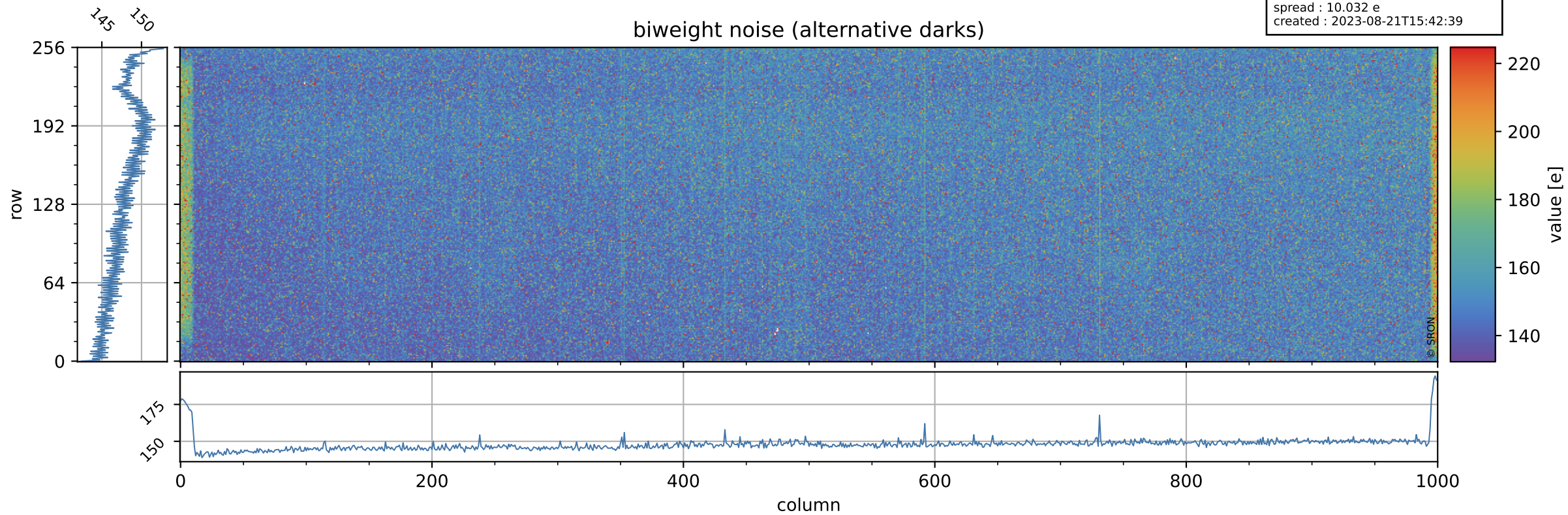
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15457, 15547]
coverage : 2020-10-07 / 2020-10-13
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.032 e
created : 2023-08-21T15:42:39

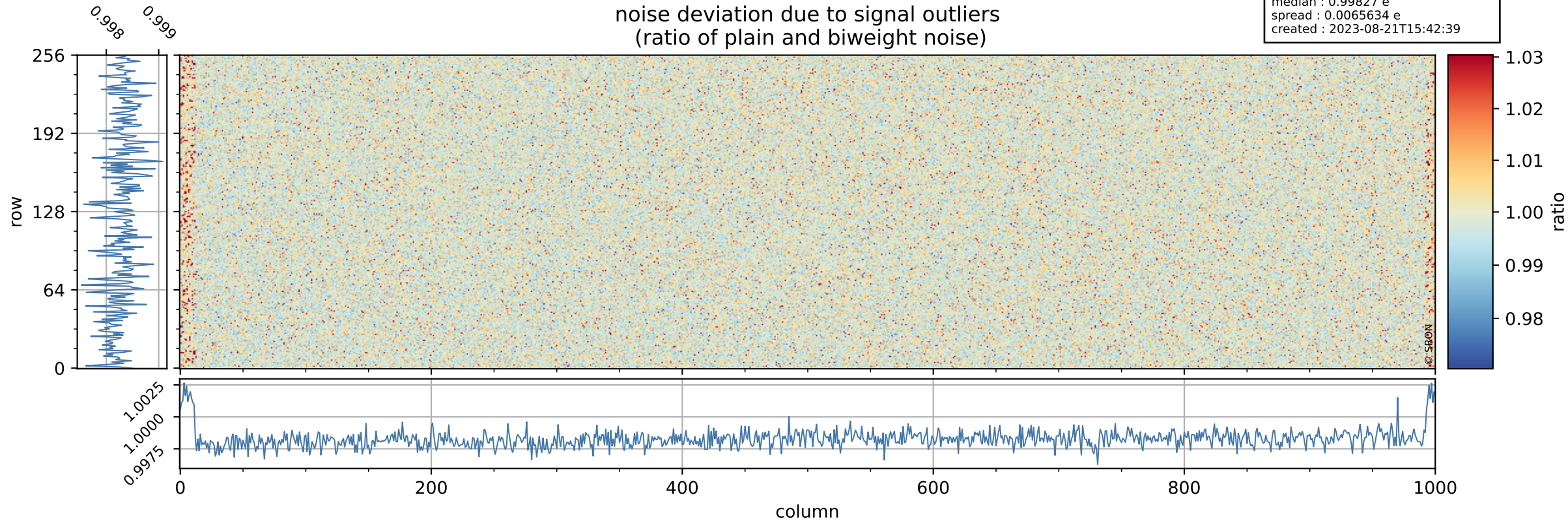
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

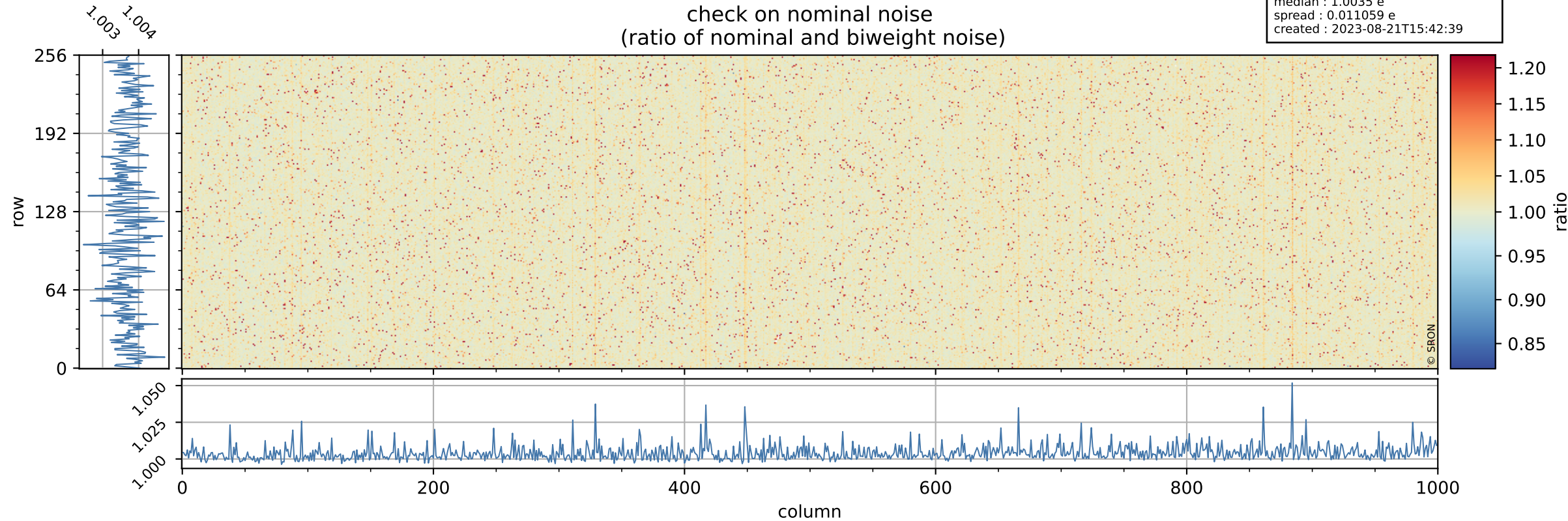
orbits : 12 in [15457, 15547]
coverage : 2020-10-07 / 2020-10-13
median : 0.99827 e
spread : 0.0065634 e
created : 2023-08-21T15:42:39



Tropomi SWIR background noise (swir)

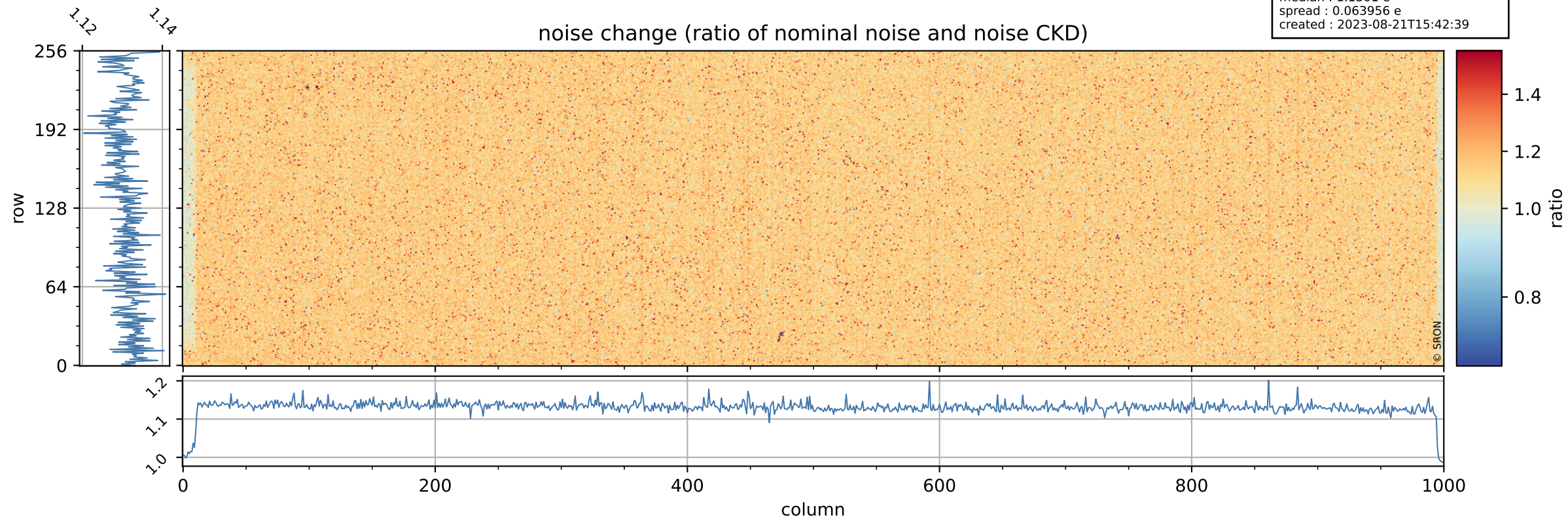
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15457, 15547]
coverage : 2020-10-07 / 2020-10-13
median : 1.0035 e
spread : 0.011059 e
created : 2023-08-21T15:42:39



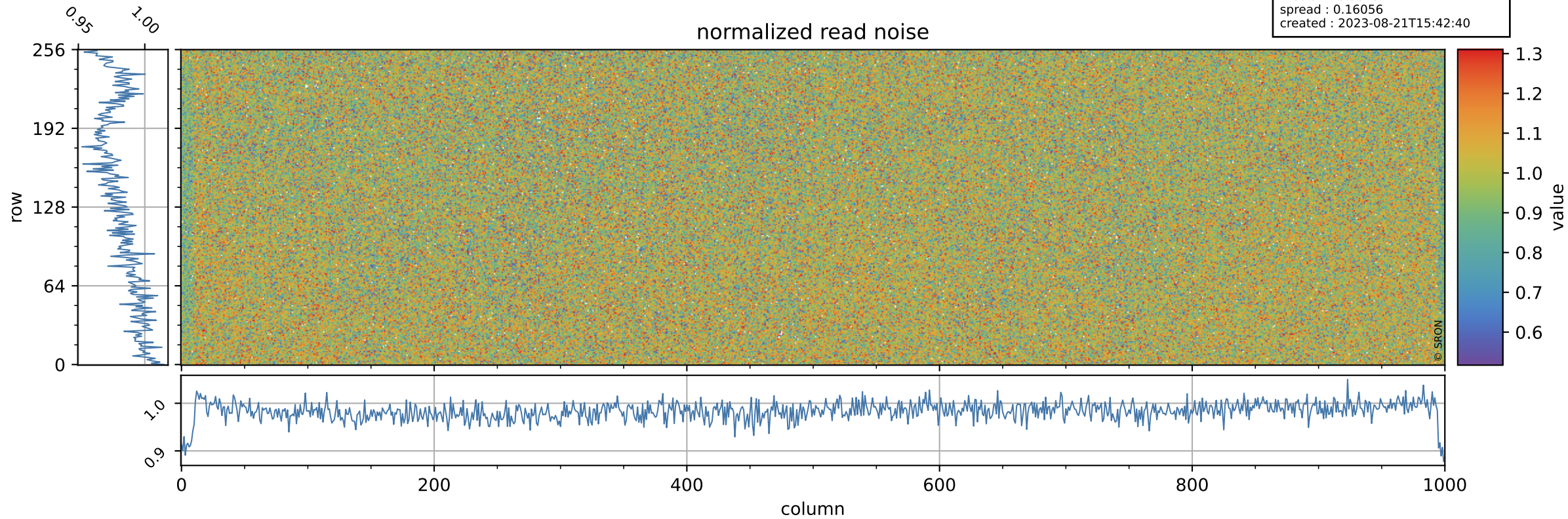
Tropomi SWIR background noise (swir)

orbits : 12 in [15457, 15547]
coverage : 2020-10-07 / 2020-10-13
median : 1.1301 e
spread : 0.063956 e
created : 2023-08-21T15:42:39



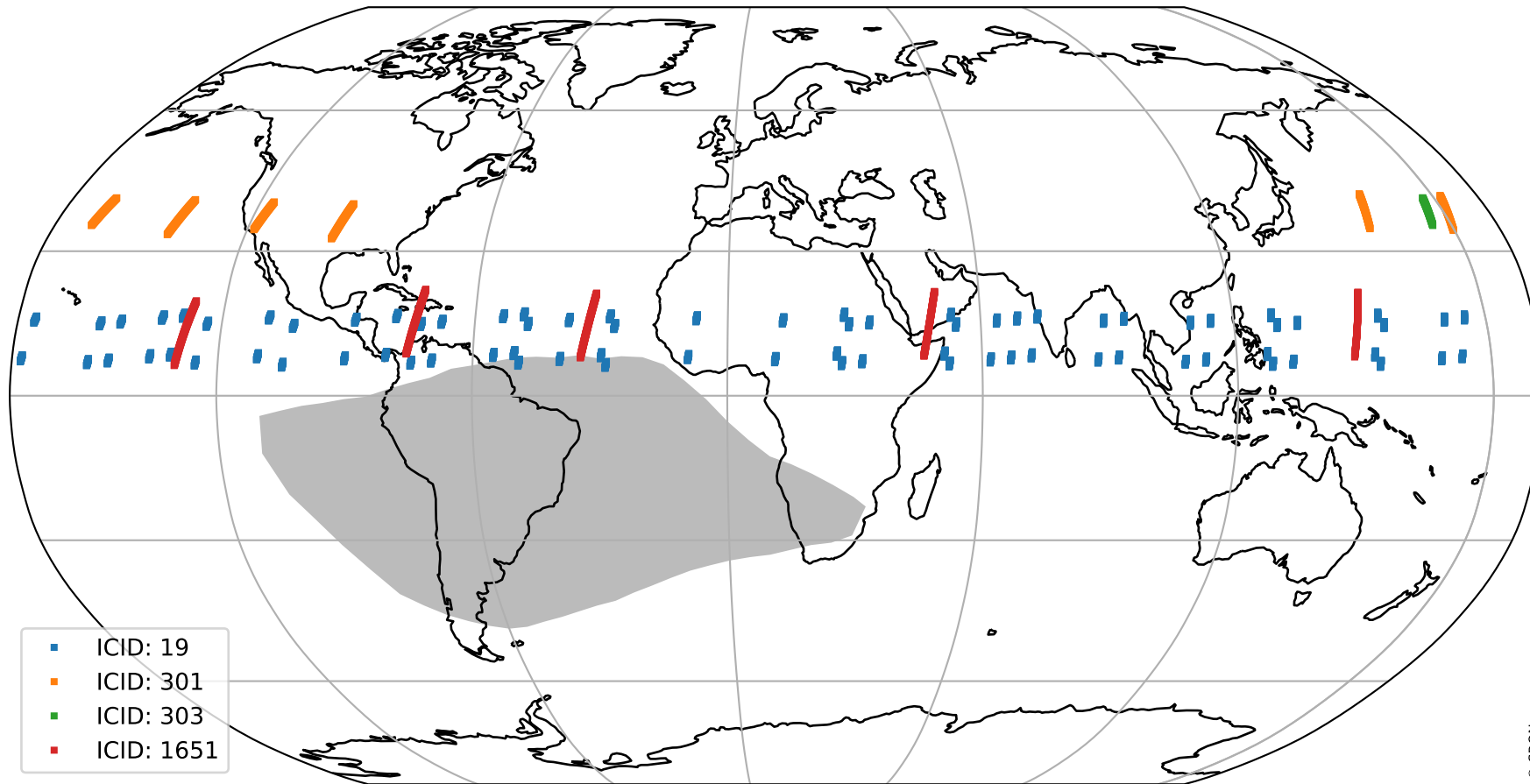
Tropomi SWIR background noise (swir)

orbits : 12 in [15457, 15547]
coverage : 2020-10-07 / 2020-10-13
median : 0.98194
spread : 0.16056
created : 2023-08-21T15:42:40



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

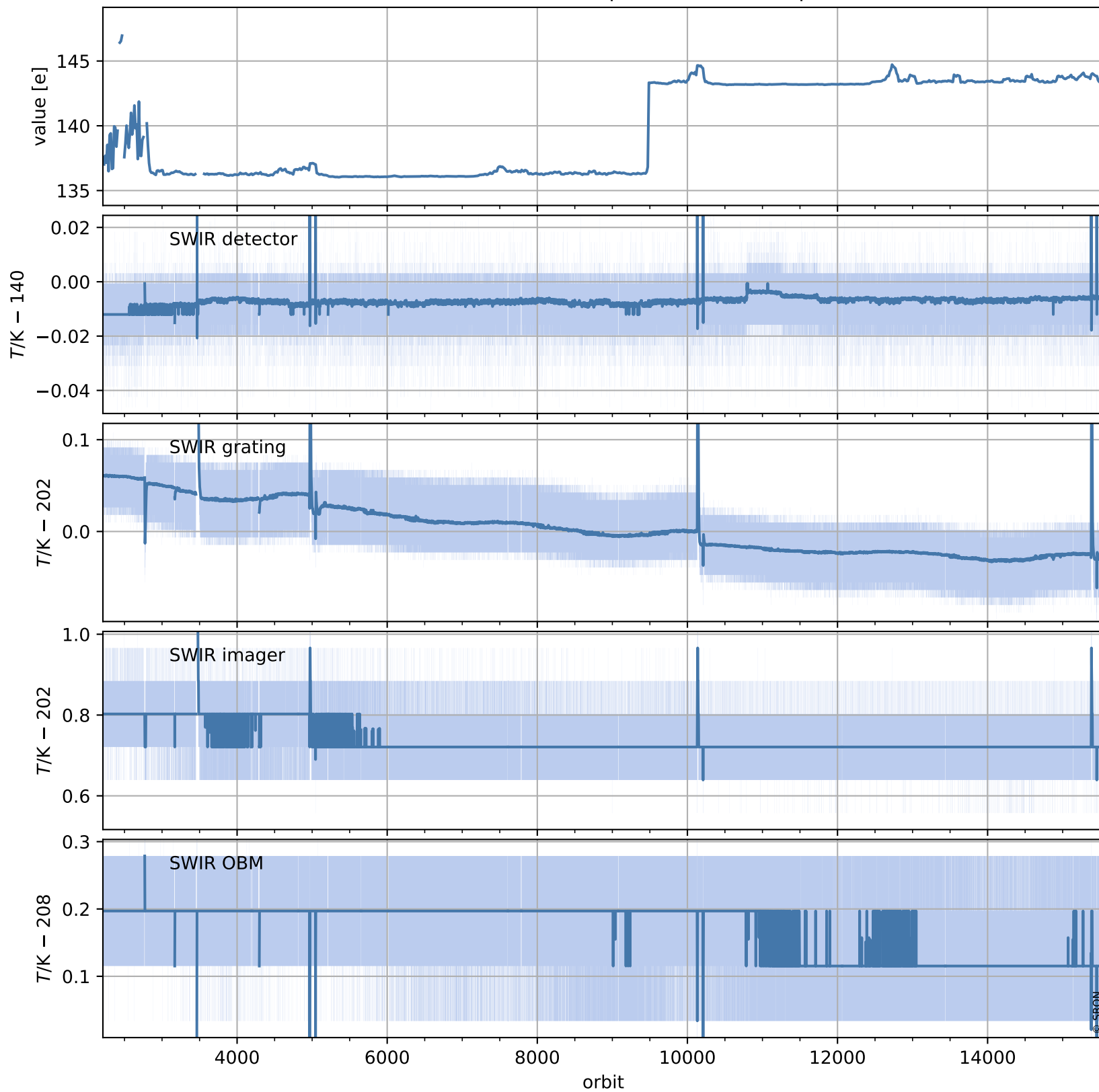
orbits : 12 in [15457, 15547]
coverage : 2020-10-07 / 2020-10-13
created : 2023-08-21T15:42:40



Tropomi SWIR background noise (swir)

orbits : [2212, 15547]
coverage : 2018-03-18 / 2020-10-13
created : 2023-08-21T15:42:40

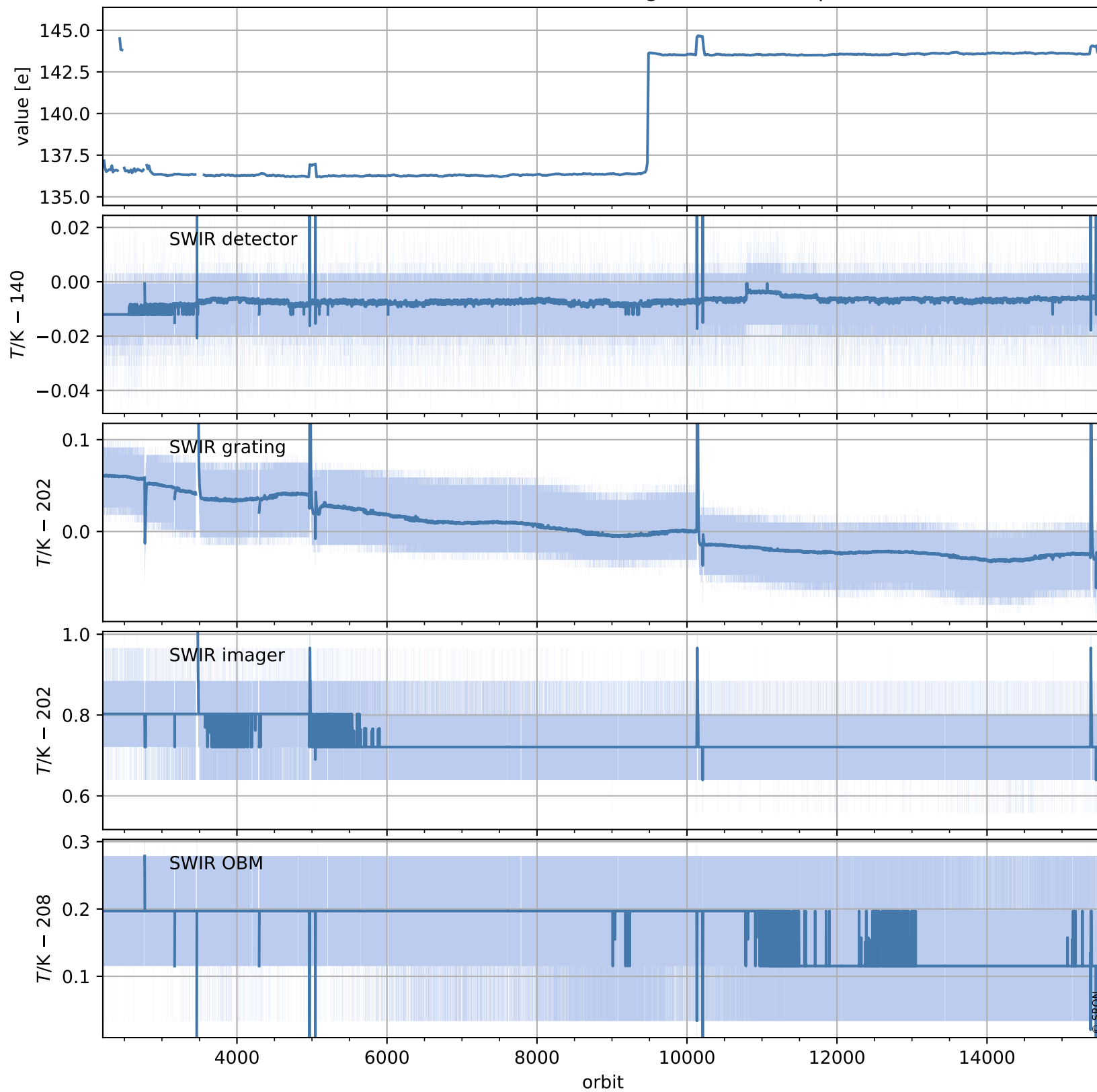
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15547]
coverage : 2018-03-18 / 2020-10-13
created : 2023-08-21T15:42:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15547]
coverage : 2018-03-18 / 2020-10-13
created : 2023-08-21T15:42:42

trend of normalized read-noise & temperatures

