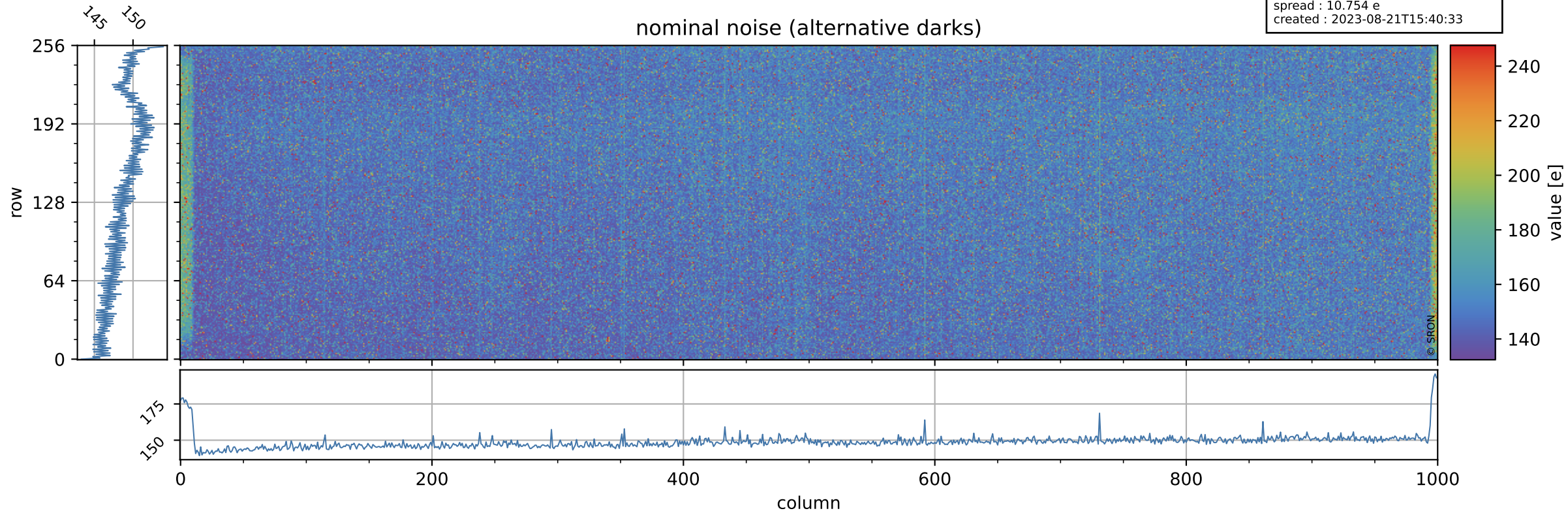


Tropomi SWIR background noise (swir)

orbits : 12 in [15082, 15172]
coverage : 2020-09-10 / 2020-09-16
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.754 e
created : 2023-08-21T15:40:33

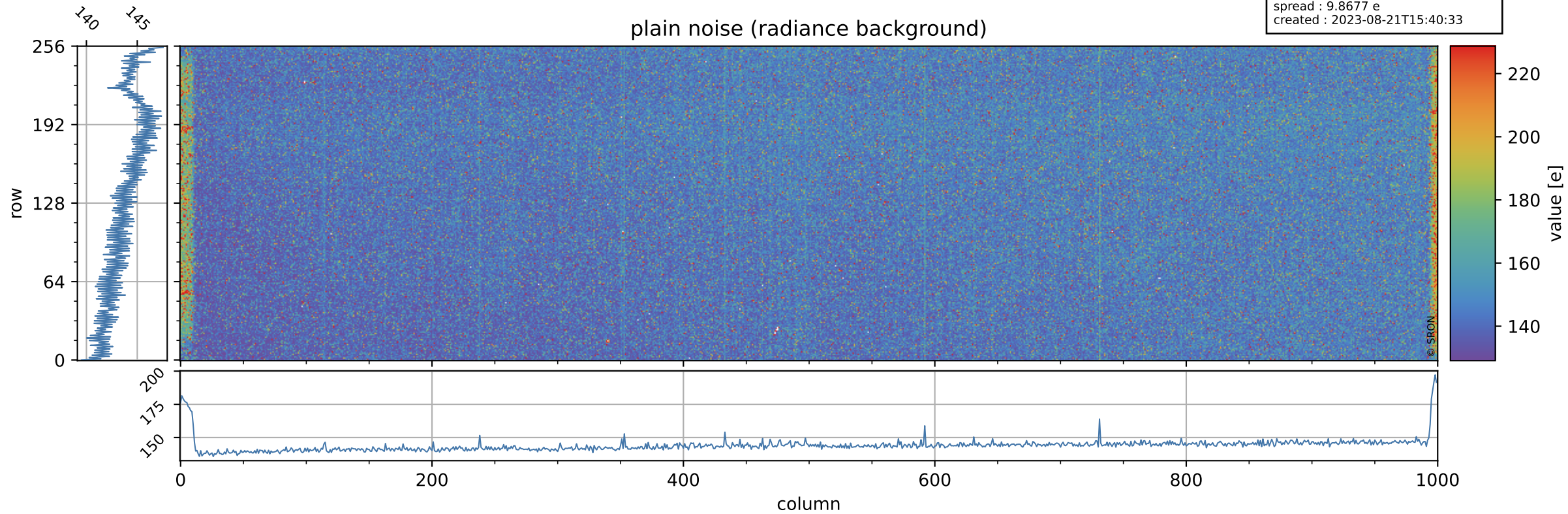
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15082, 15172]
coverage : 2020-09-10 / 2020-09-16
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.8677 e
created : 2023-08-21T15:40:33

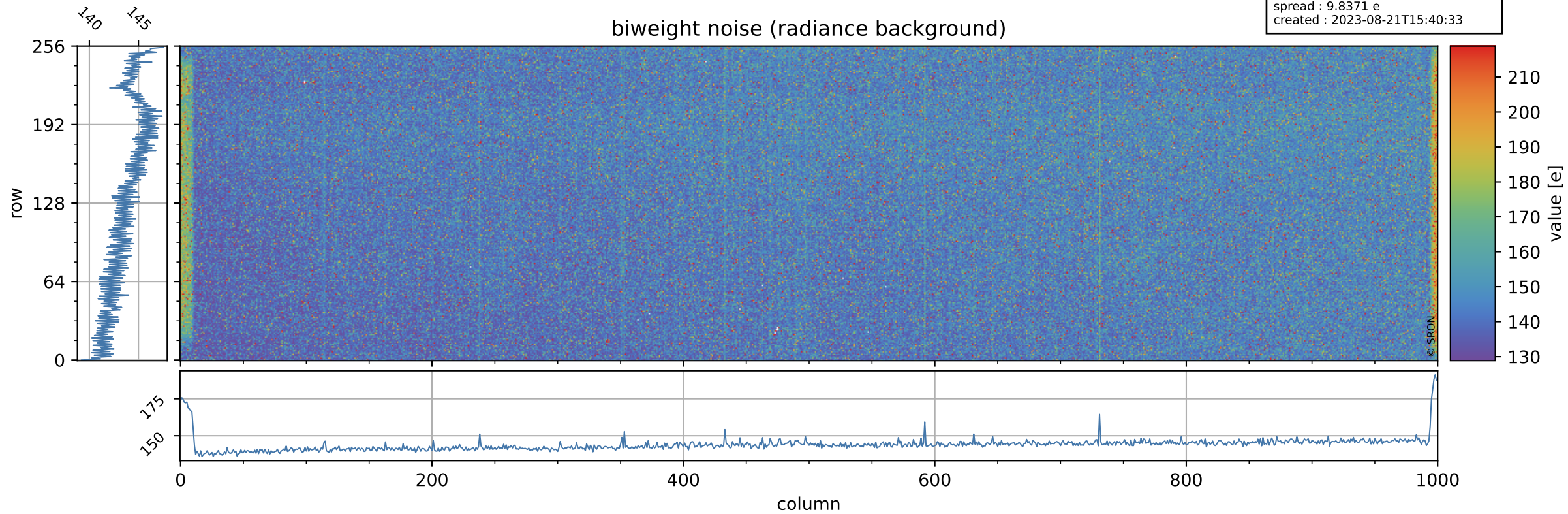
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15082, 15172]
coverage : 2020-09-10 / 2020-09-16
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.8371 e
created : 2023-08-21T15:40:33

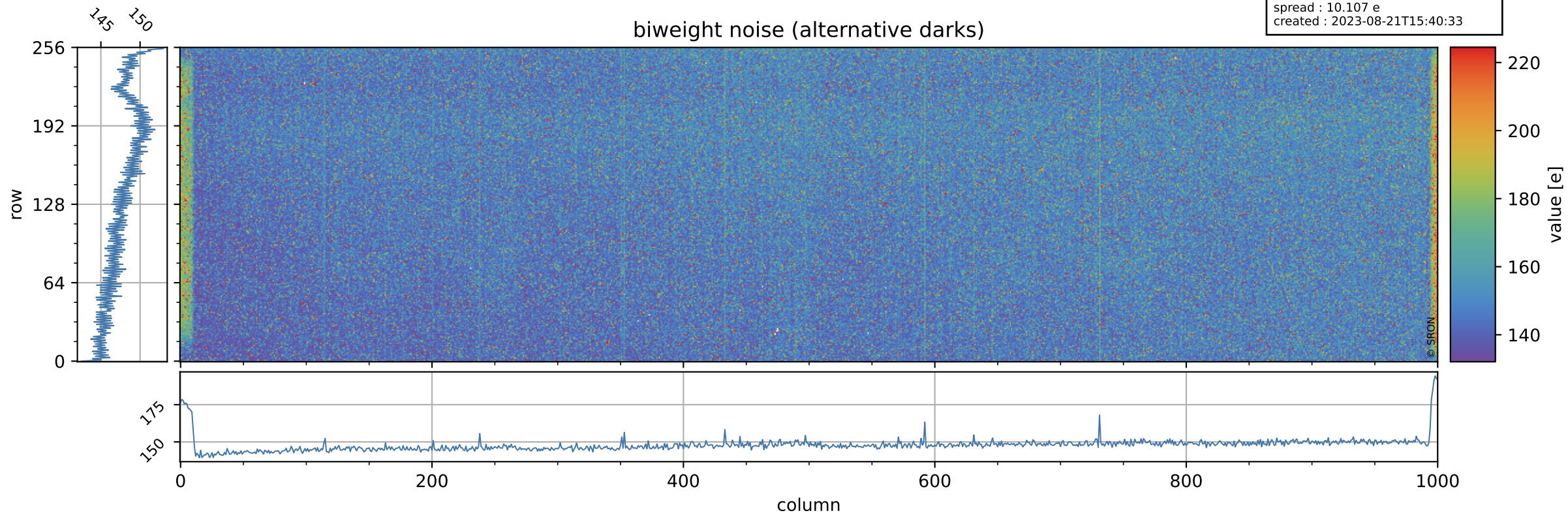
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15082, 15172]
coverage : 2020-09-10 / 2020-09-16
n_coad, t_exp : 1, 1.0783
median : 147.66 e
spread : 10.107 e
created : 2023-08-21T15:40:33

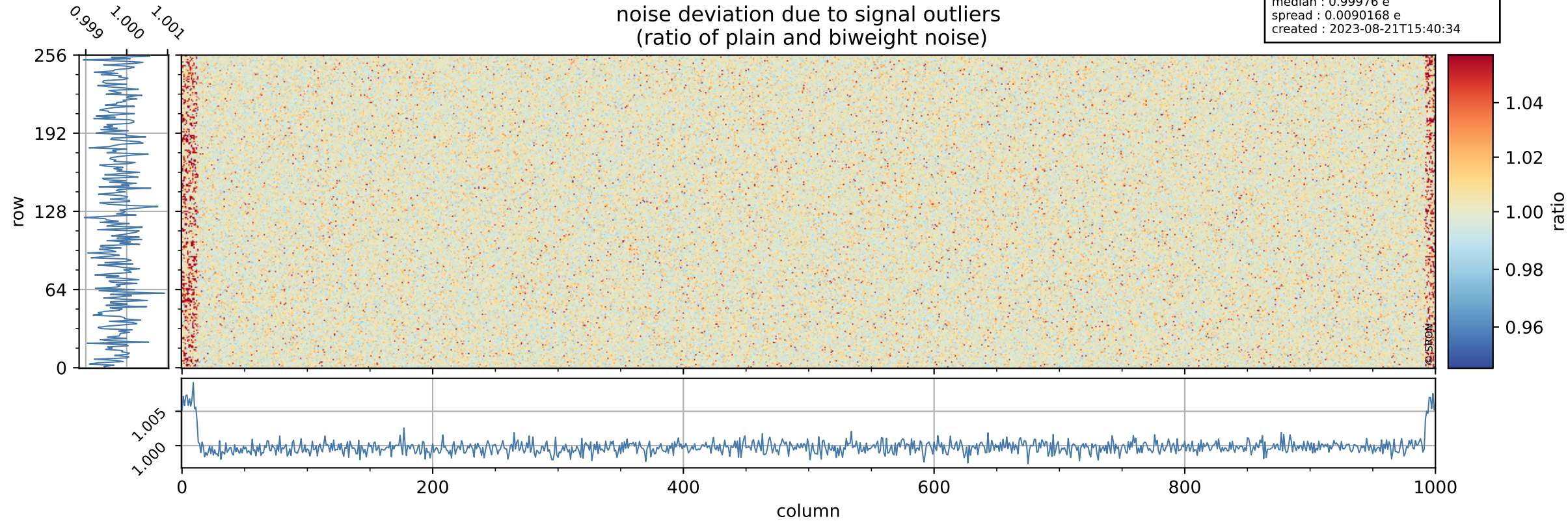
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

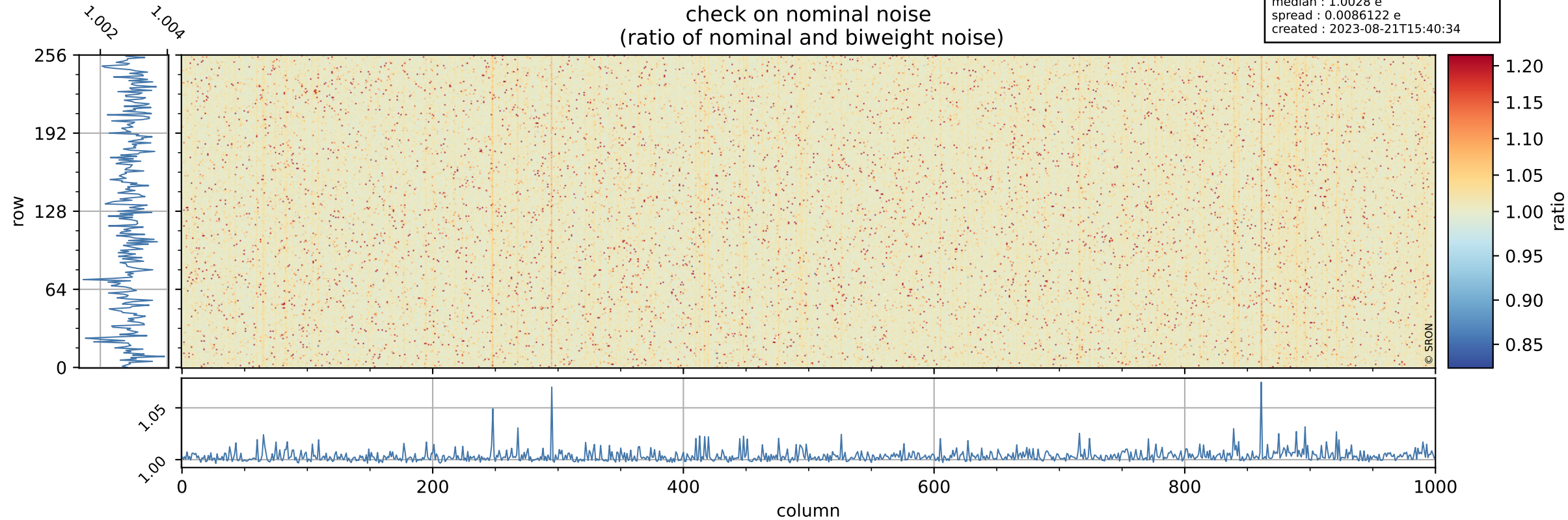
orbits : 12 in [15082, 15172]
coverage : 2020-09-10 / 2020-09-16
median : 0.99976 e
spread : 0.0090168 e
created : 2023-08-21T15:40:34



Tropomi SWIR background noise (swir)

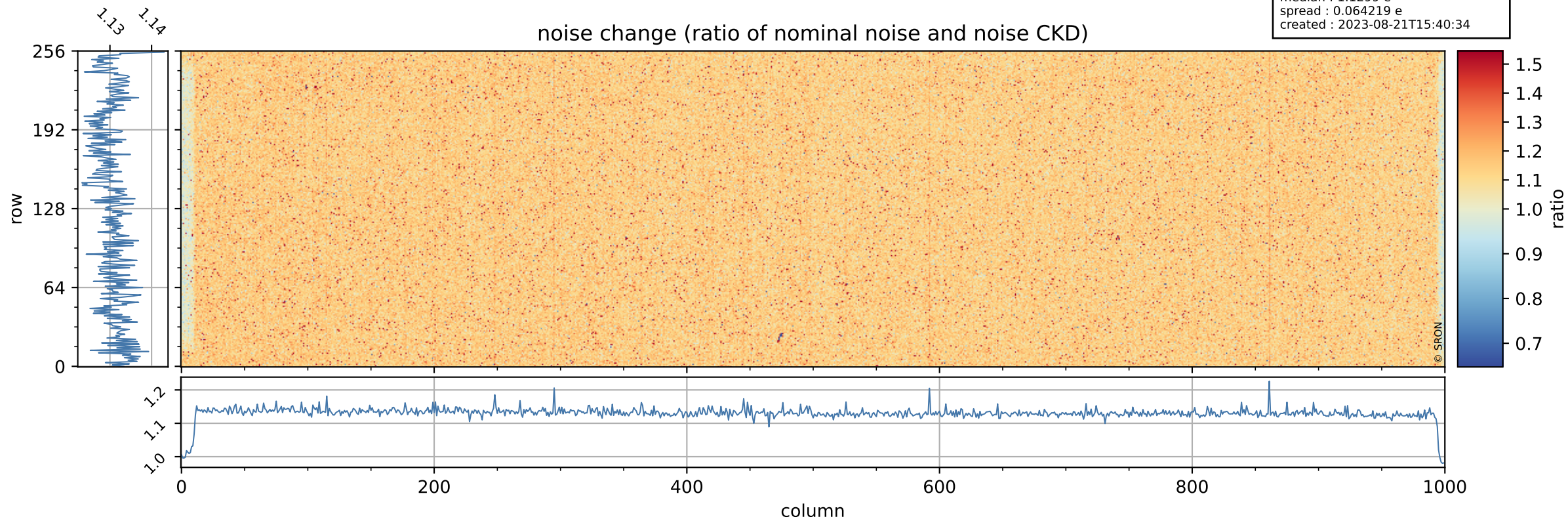
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15082, 15172]
coverage : 2020-09-10 / 2020-09-16
median : 1.0028 e
spread : 0.0086122 e
created : 2023-08-21T15:40:34



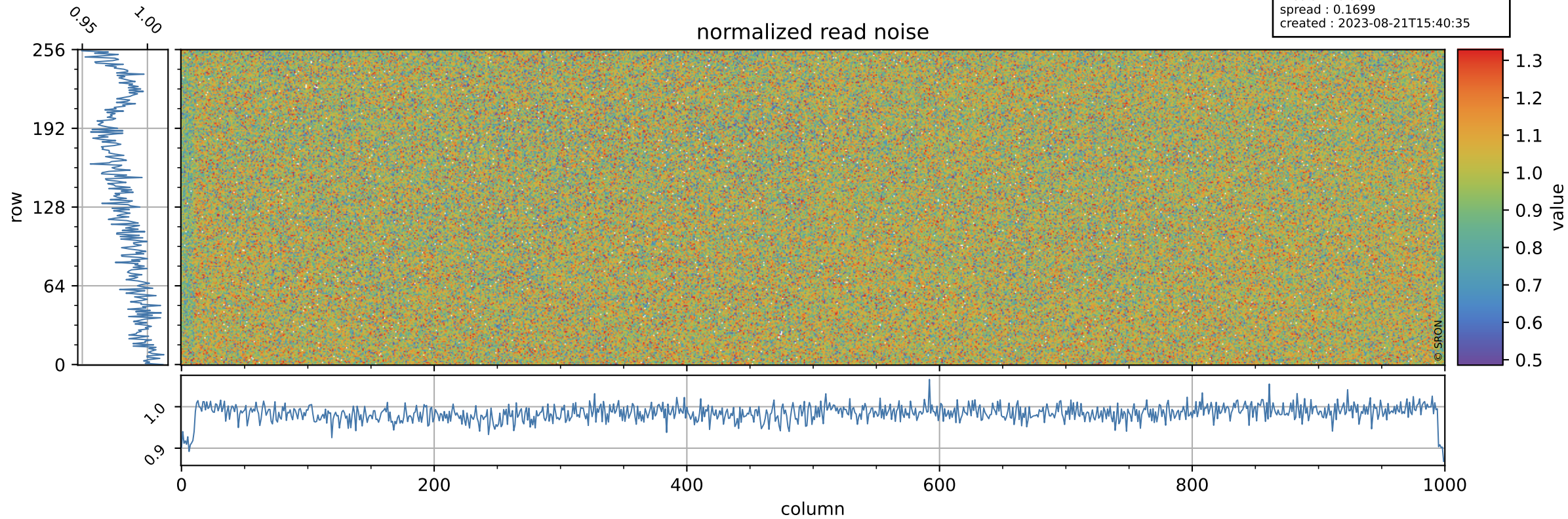
Tropomi SWIR background noise (swir)

orbits : 12 in [15082, 15172]
coverage : 2020-09-10 / 2020-09-16
median : 1.1299 e
spread : 0.064219 e
created : 2023-08-21T15:40:34



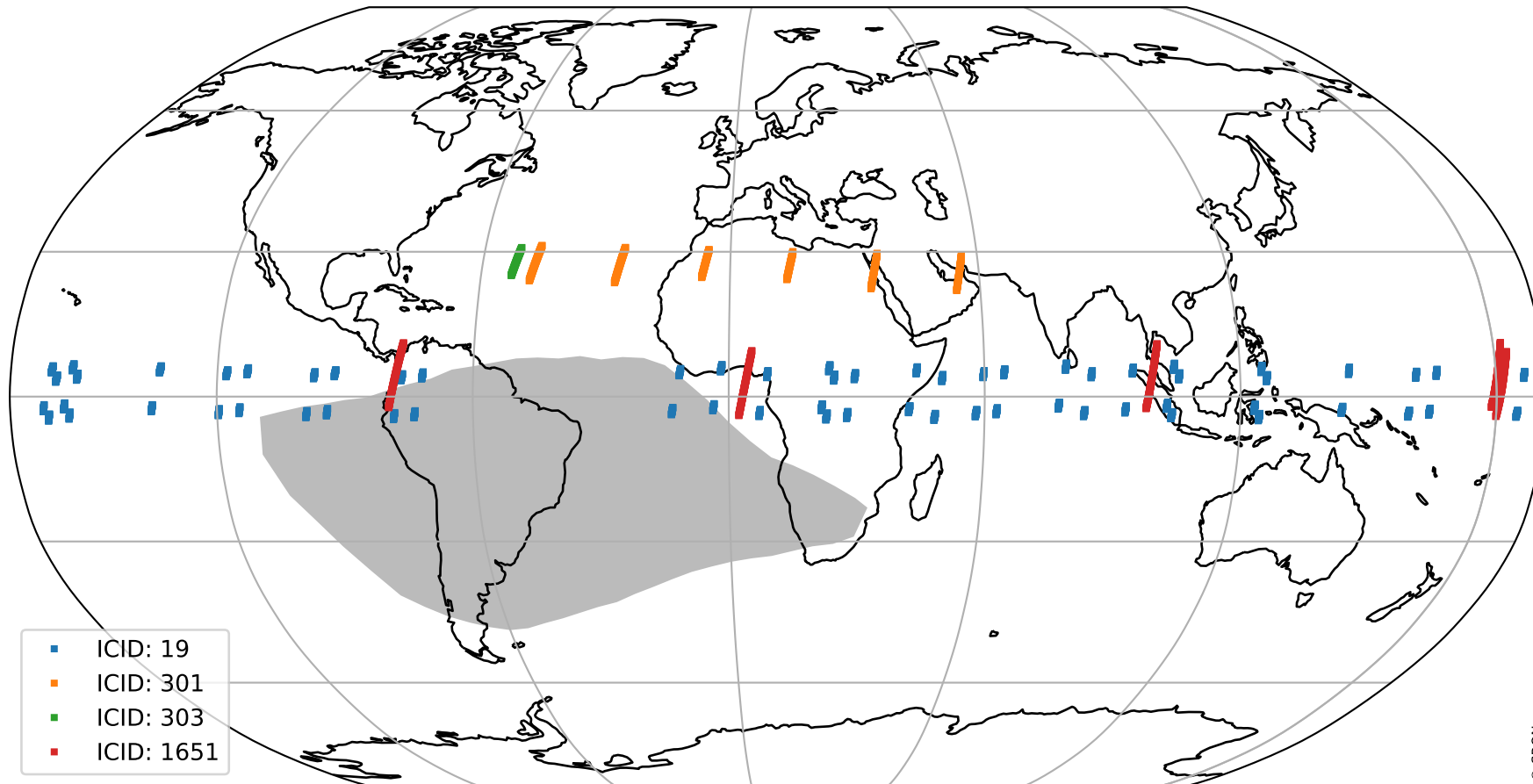
Tropomi SWIR background noise (swir)

orbits : 12 in [15082, 15172]
coverage : 2020-09-10 / 2020-09-16
median : 0.98272
spread : 0.1699
created : 2023-08-21T15:40:35



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

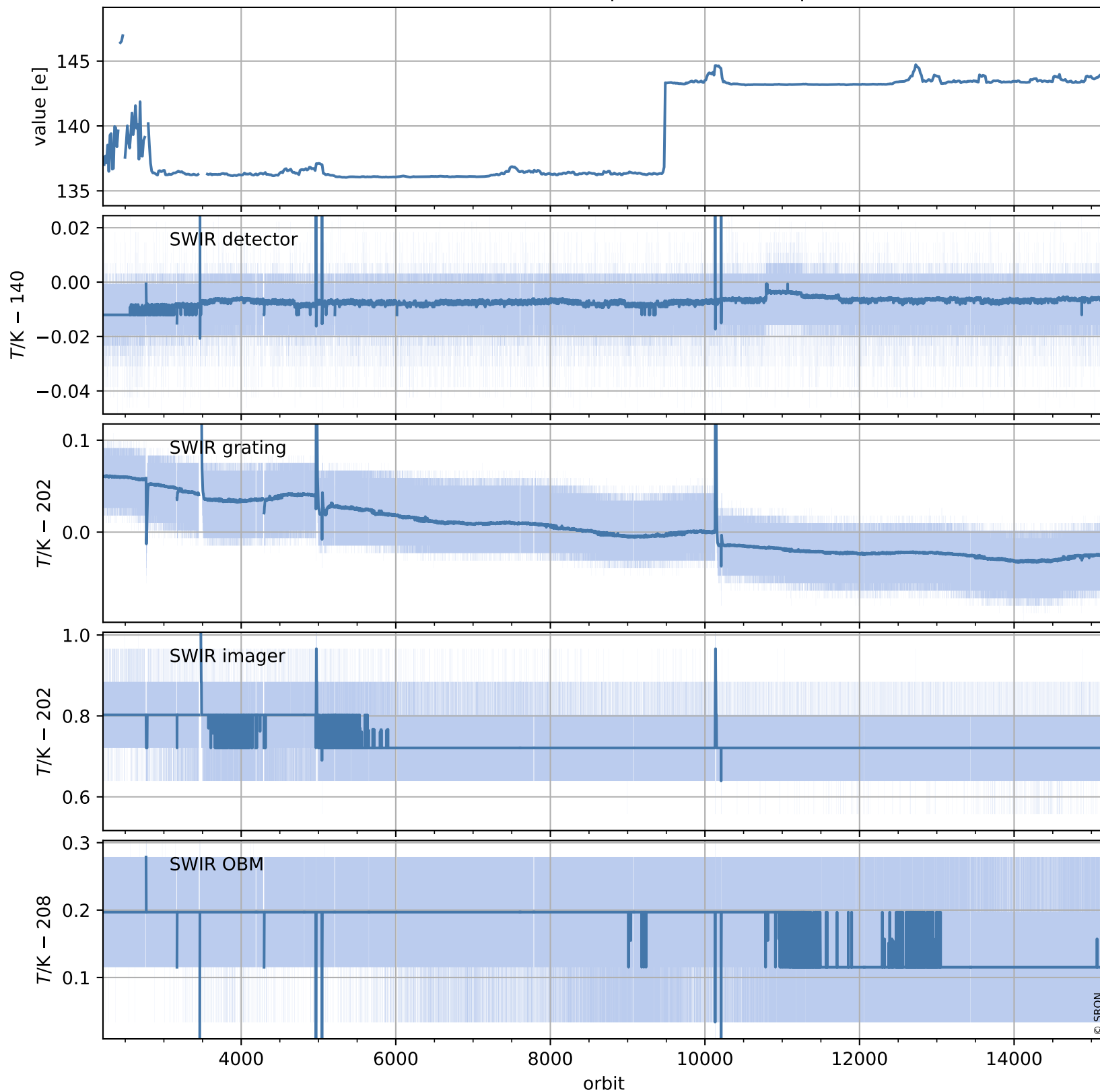
orbits : 12 in [15082, 15172]
coverage : 2020-09-10 / 2020-09-16
created : 2023-08-21T15:40:35



Tropomi SWIR background noise (swir)

orbits : [2212, 15172]
coverage : 2018-03-18 / 2020-09-16
created : 2023-08-21T15:40:35

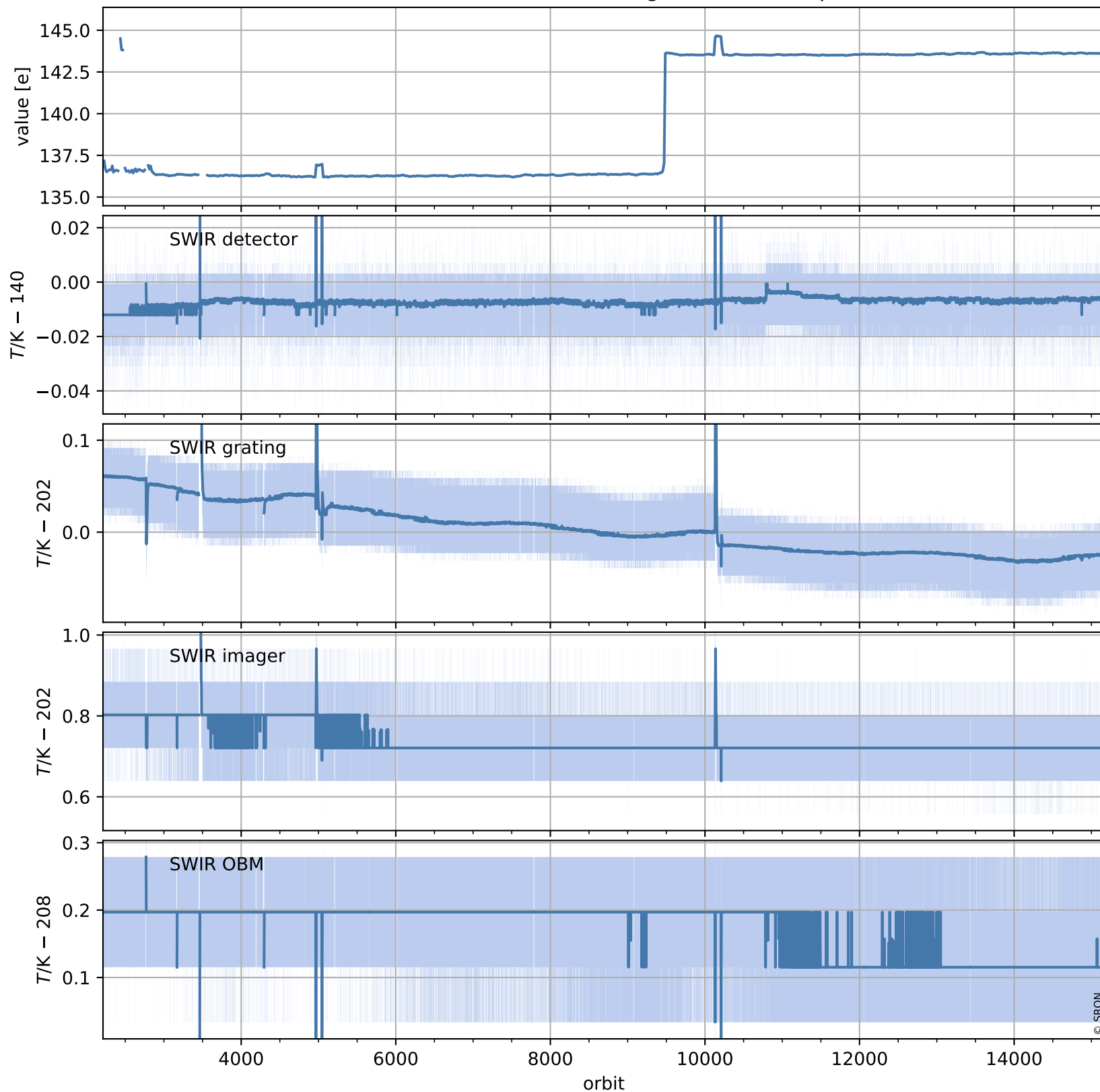
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15172]
coverage : 2018-03-18 / 2020-09-16
created : 2023-08-21T15:40:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15172]
coverage : 2018-03-18 / 2020-09-16
created : 2023-08-21T15:40:37

trend of normalized read-noise & temperatures

