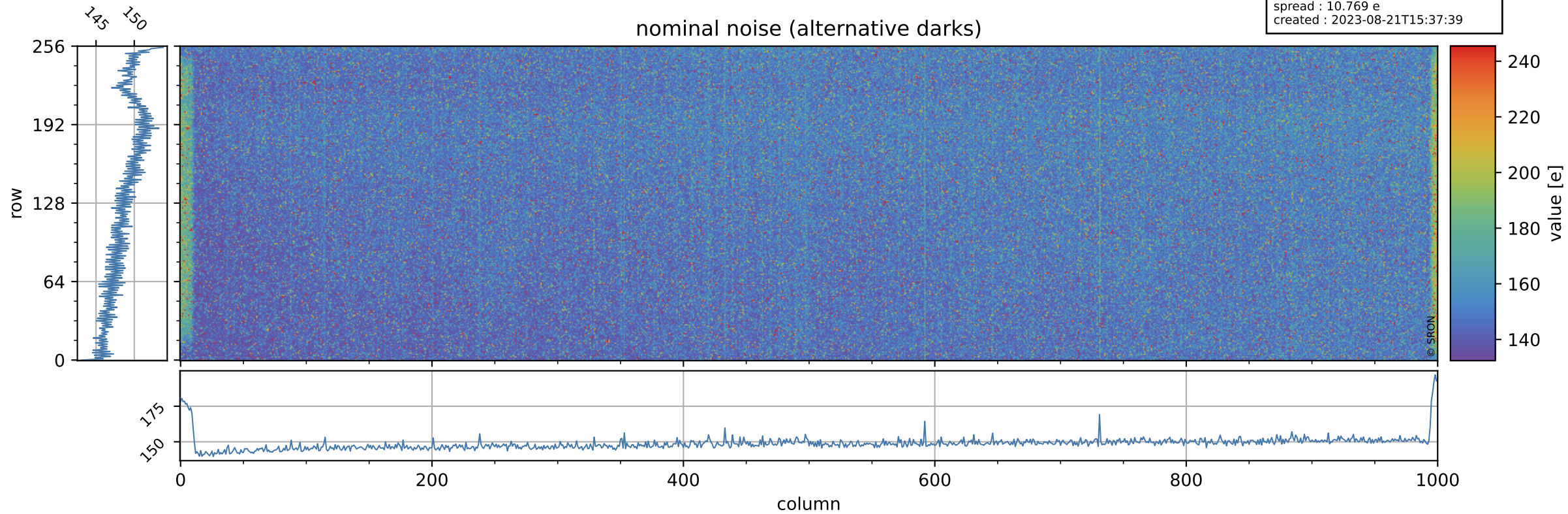


Tropomi SWIR background noise (swir)

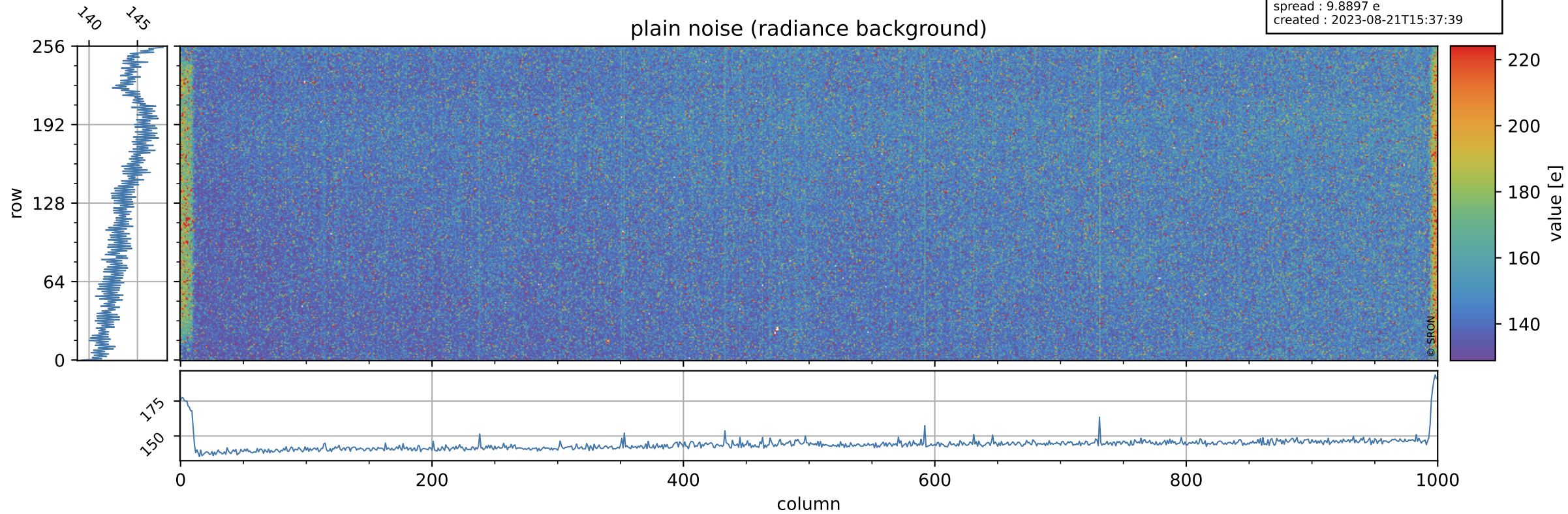
orbits : 12 in [14557, 14647]
coverage : 2020-08-04 / 2020-08-10
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.769 e
created : 2023-08-21T15:37:39



Tropomi SWIR background noise (swir)

orbits : 12 in [14557, 14647]
coverage : 2020-08-04 / 2020-08-10
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.8897 e
created : 2023-08-21T15:37:39

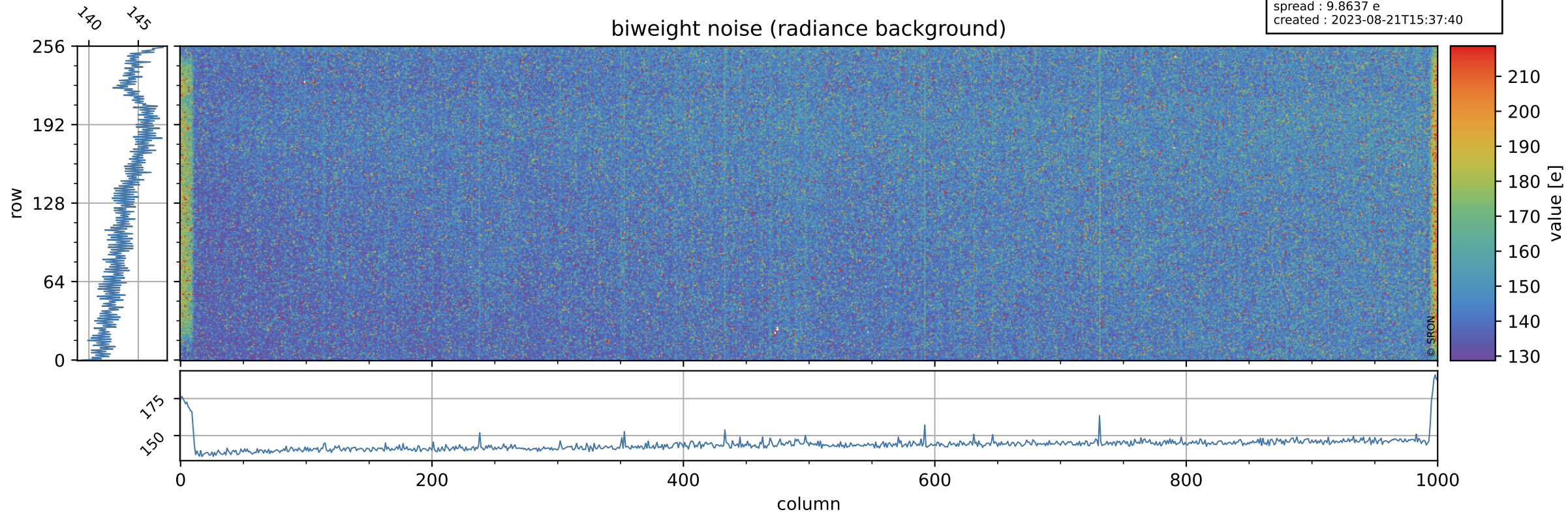
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14557, 14647]
coverage : 2020-08-04 / 2020-08-10
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.8637 e
created : 2023-08-21T15:37:40

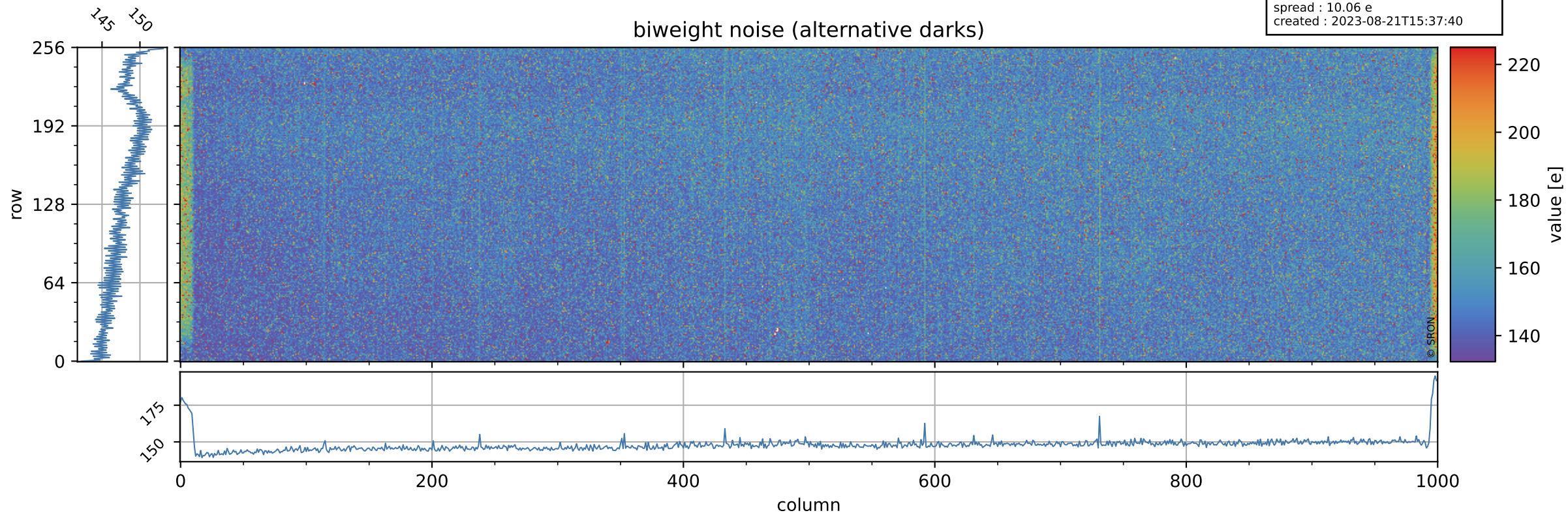
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14557, 14647]
coverage : 2020-08-04 / 2020-08-10
n_coad, t_exp : 1, 1.0783
median : 147.69 e
spread : 10.06 e
created : 2023-08-21T15:37:40

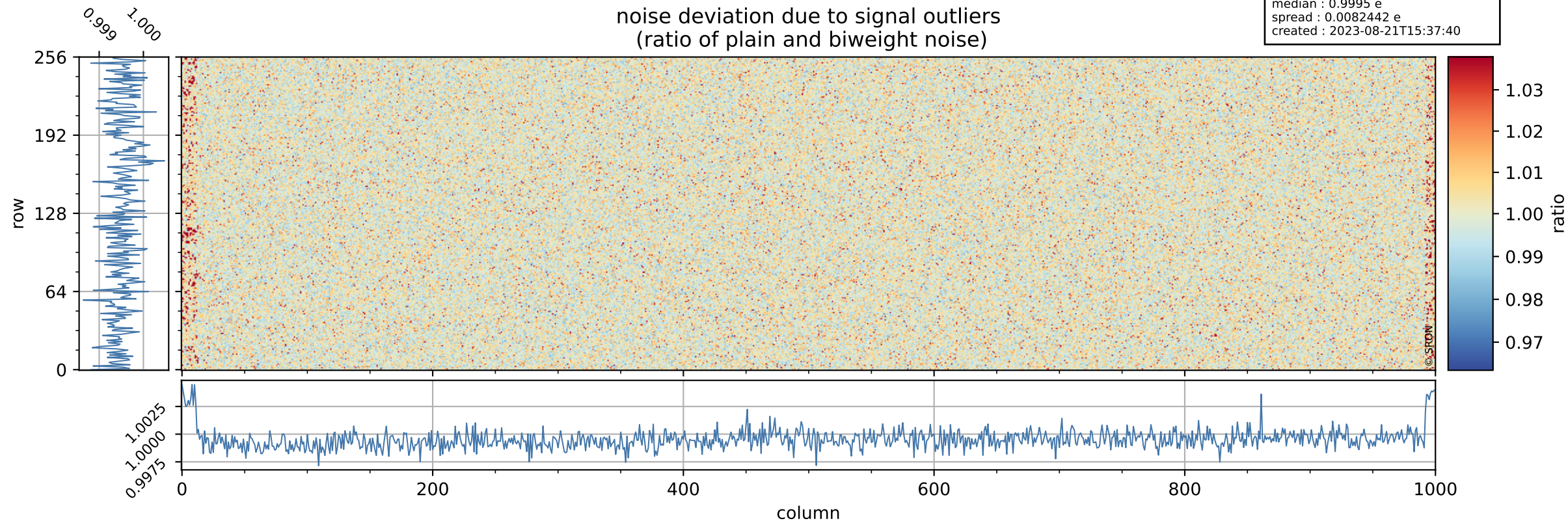
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

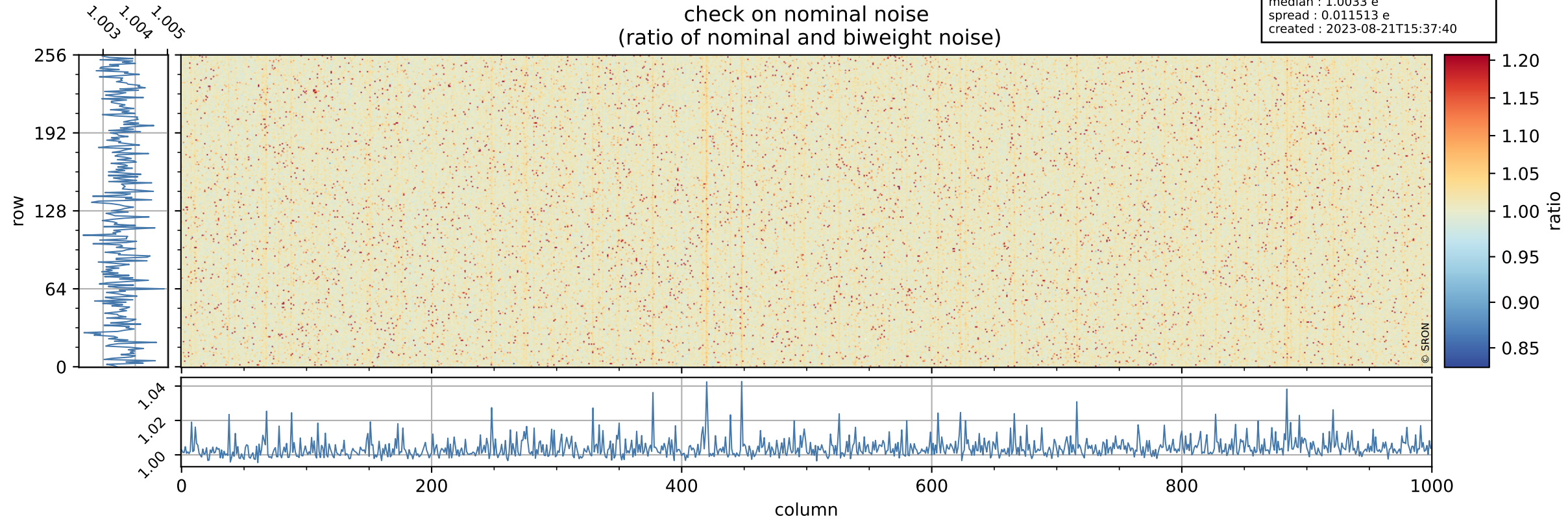
orbits : 12 in [14557, 14647]
coverage : 2020-08-04 / 2020-08-10
median : 0.9995 e
spread : 0.0082442 e
created : 2023-08-21T15:37:40



Tropomi SWIR background noise (swir)

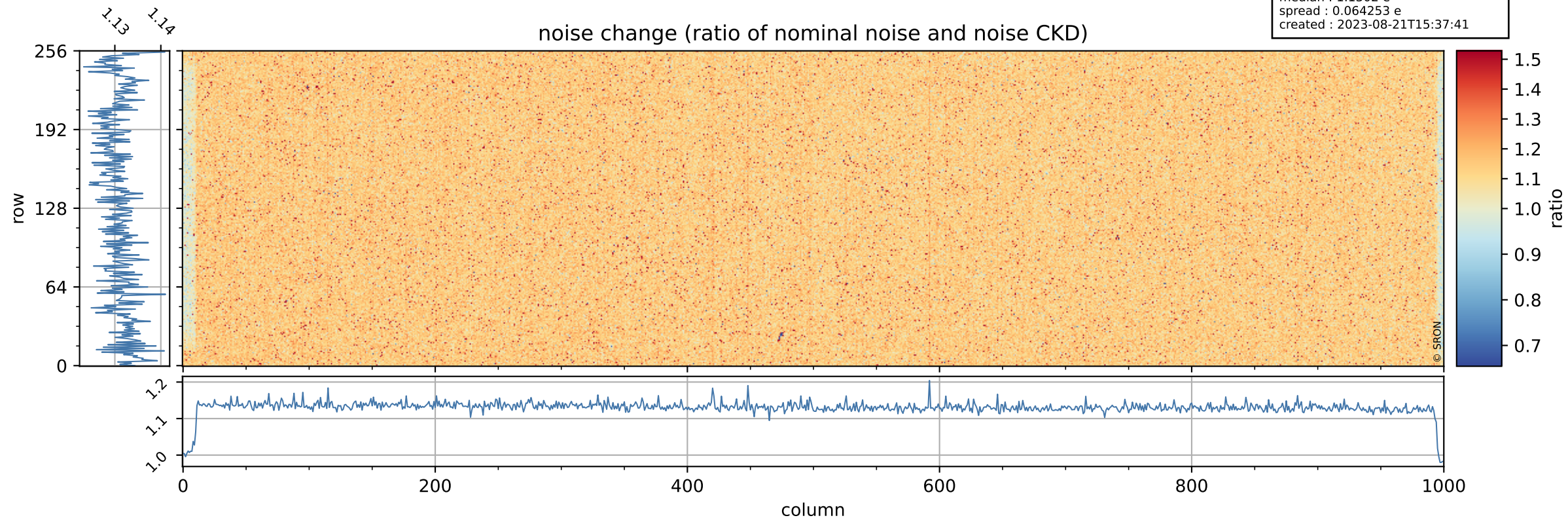
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14557, 14647]
coverage : 2020-08-04 / 2020-08-10
median : 1.0033 e
spread : 0.011513 e
created : 2023-08-21T15:37:40



Tropomi SWIR background noise (swir)

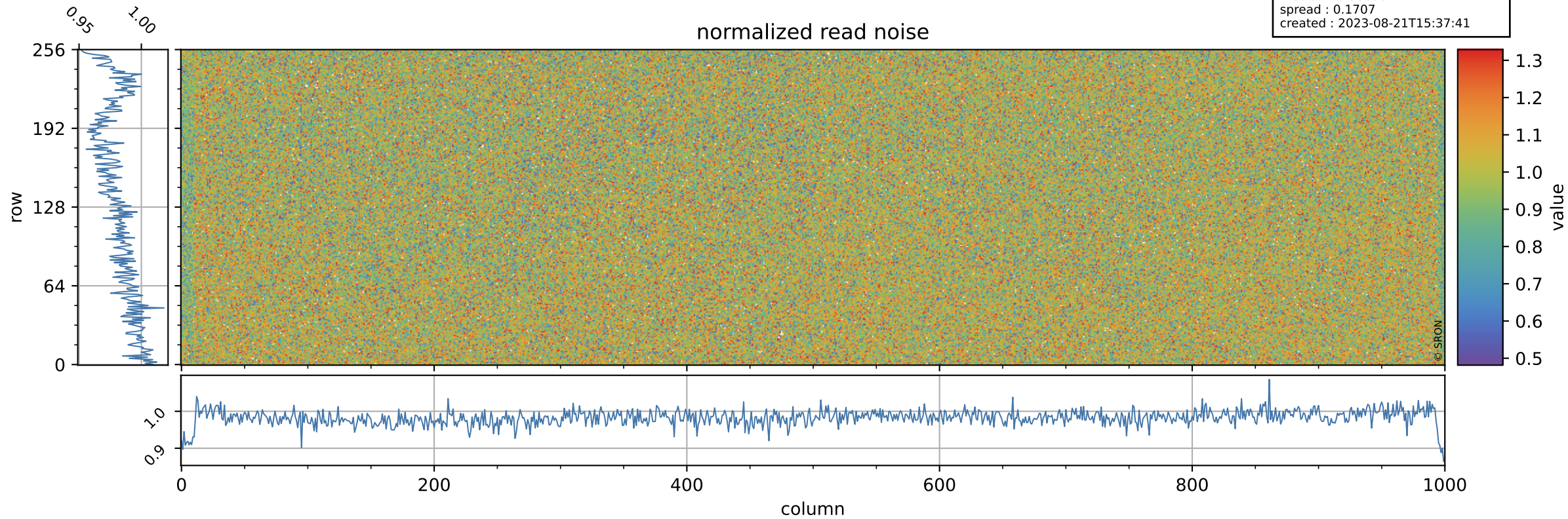
orbits : 12 in [14557, 14647]
coverage : 2020-08-04 / 2020-08-10
median : 1.1302 e
spread : 0.064253 e
created : 2023-08-21T15:37:41



Tropomi SWIR background noise (swir)

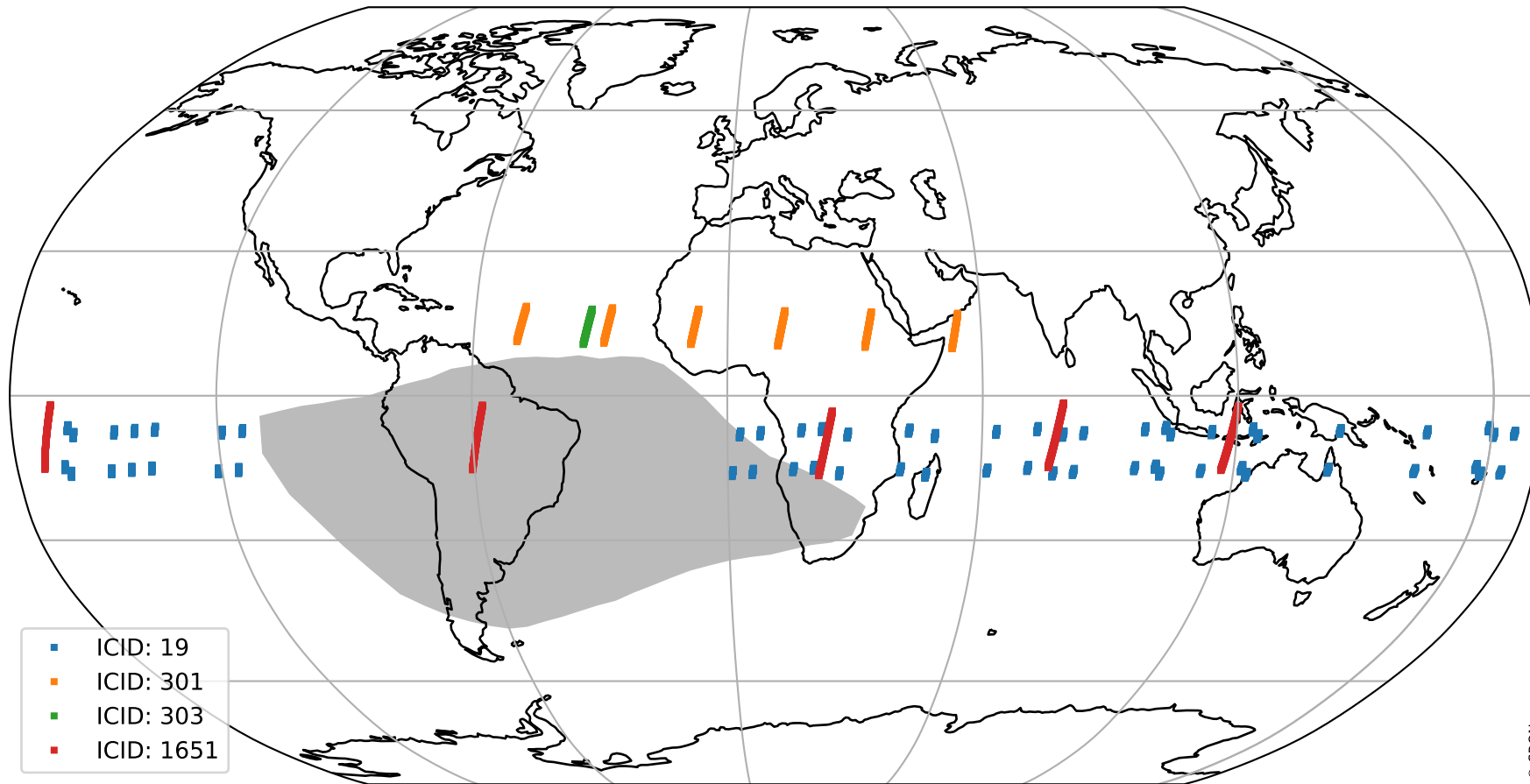
orbits : 12 in [14557, 14647]
coverage : 2020-08-04 / 2020-08-10
median : 0.98096
spread : 0.1707
created : 2023-08-21T15:37:41

normalized read noise



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

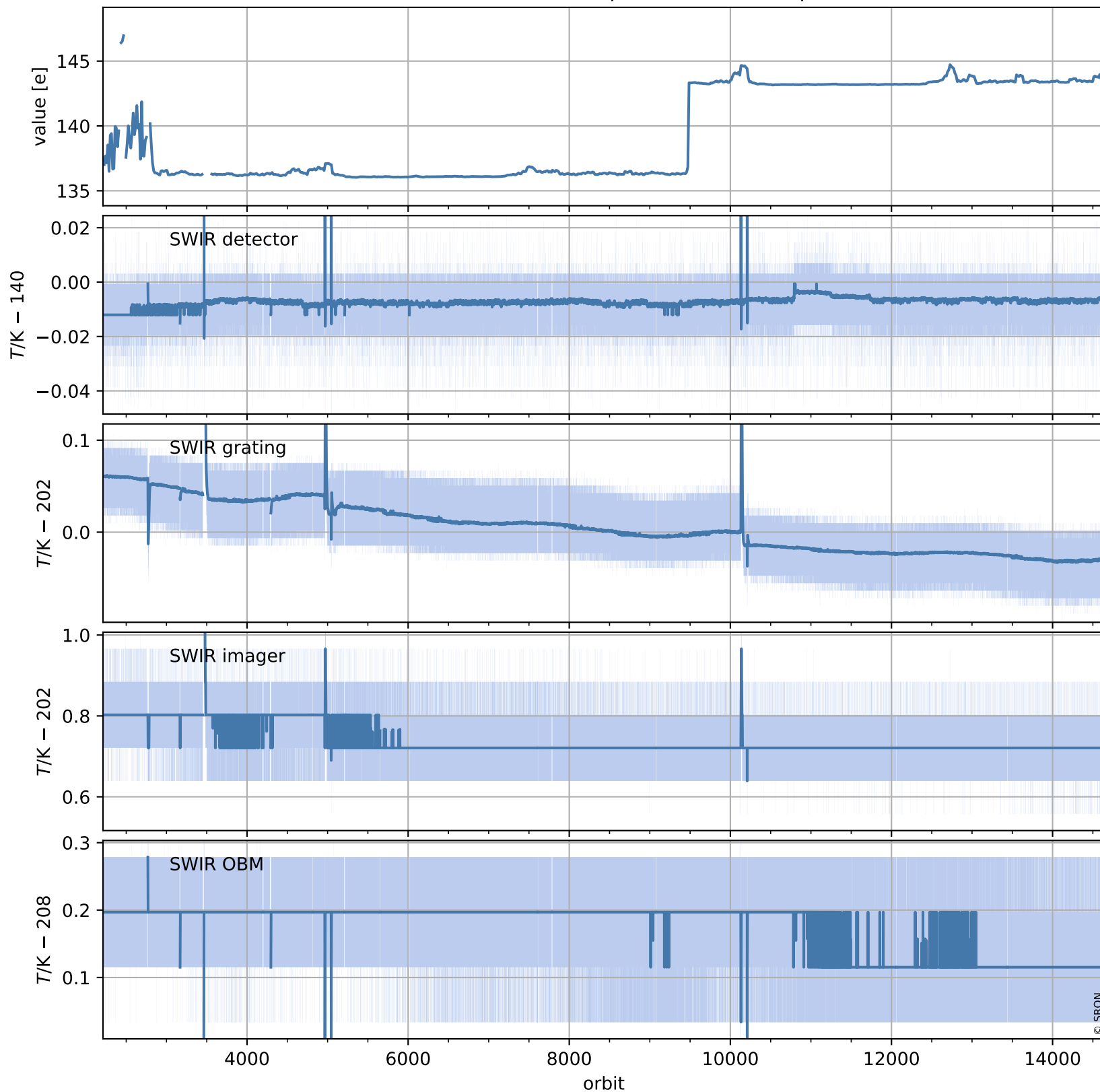
orbits : 12 in [14557, 14647]
coverage : 2020-08-04 / 2020-08-10
created : 2023-08-21T15:37:41



Tropomi SWIR background noise (swir)

orbits : [2212, 14647]
coverage : 2018-03-18 / 2020-08-10
created : 2023-08-21T15:37:42

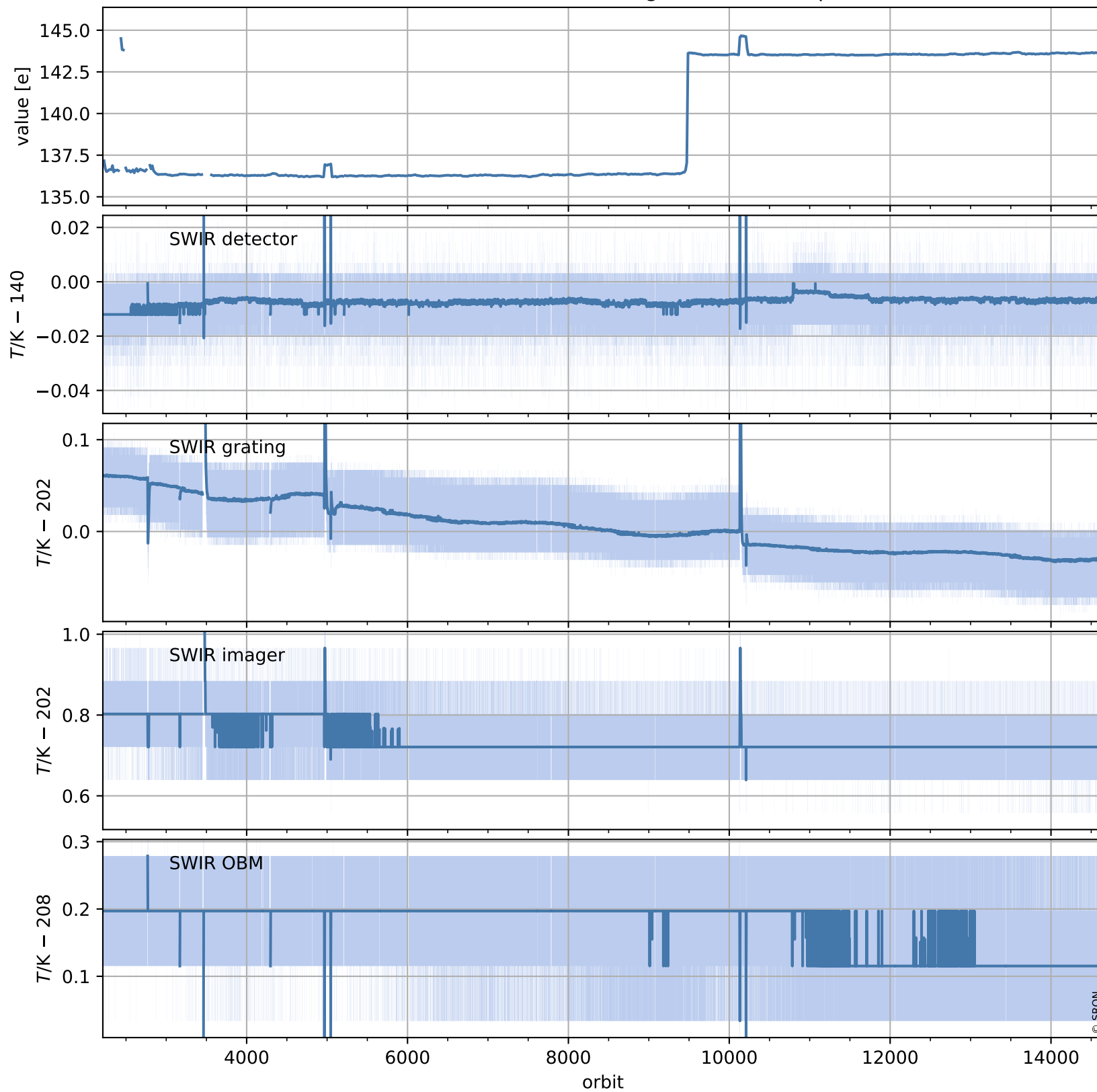
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14647]
coverage : 2018-03-18 / 2020-08-10
created : 2023-08-21T15:37:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14647]
coverage : 2018-03-18 / 2020-08-10
created : 2023-08-21T15:37:43

trend of normalized read-noise & temperatures

