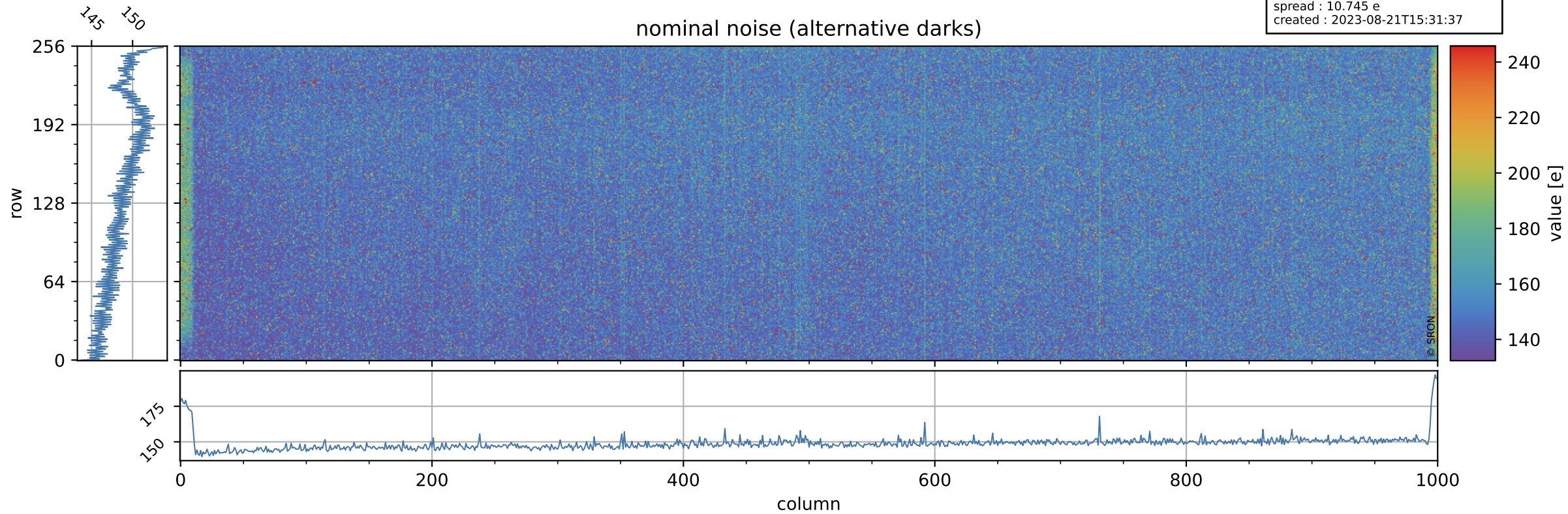


Tropomi SWIR background noise (swir)

orbits : 12 in [13447, 13537]
coverage : 2020-05-18 / 2020-05-24
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.745 e
created : 2023-08-21T15:31:37

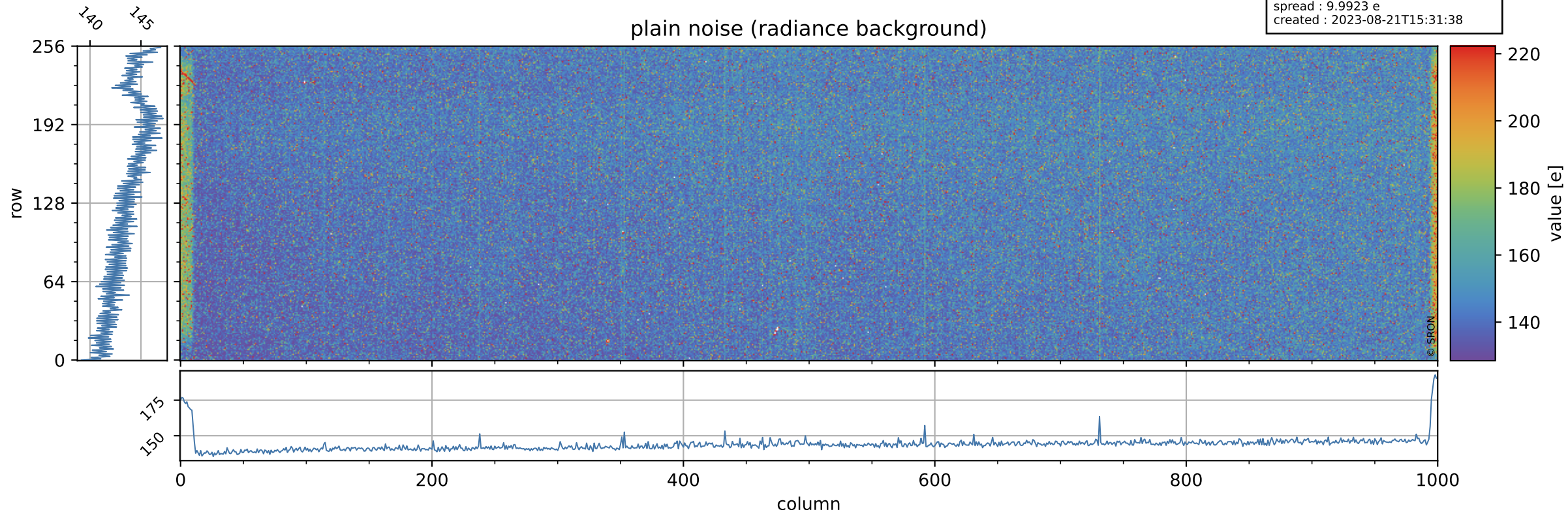
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13447, 13537]
coverage : 2020-05-18 / 2020-05-24
n_coad, t_exp : 1, 0.8383
median : 143.52 e
spread : 9.9923 e
created : 2023-08-21T15:31:38

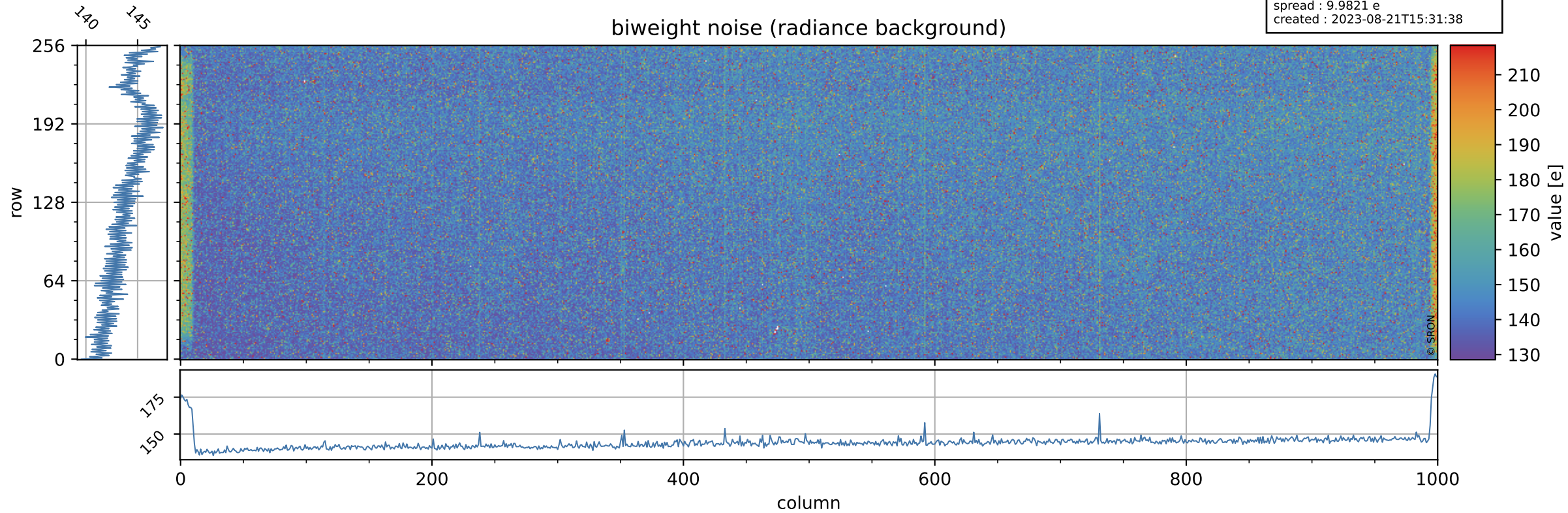
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13447, 13537]
coverage : 2020-05-18 / 2020-05-24
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.9821 e
created : 2023-08-21T15:31:38

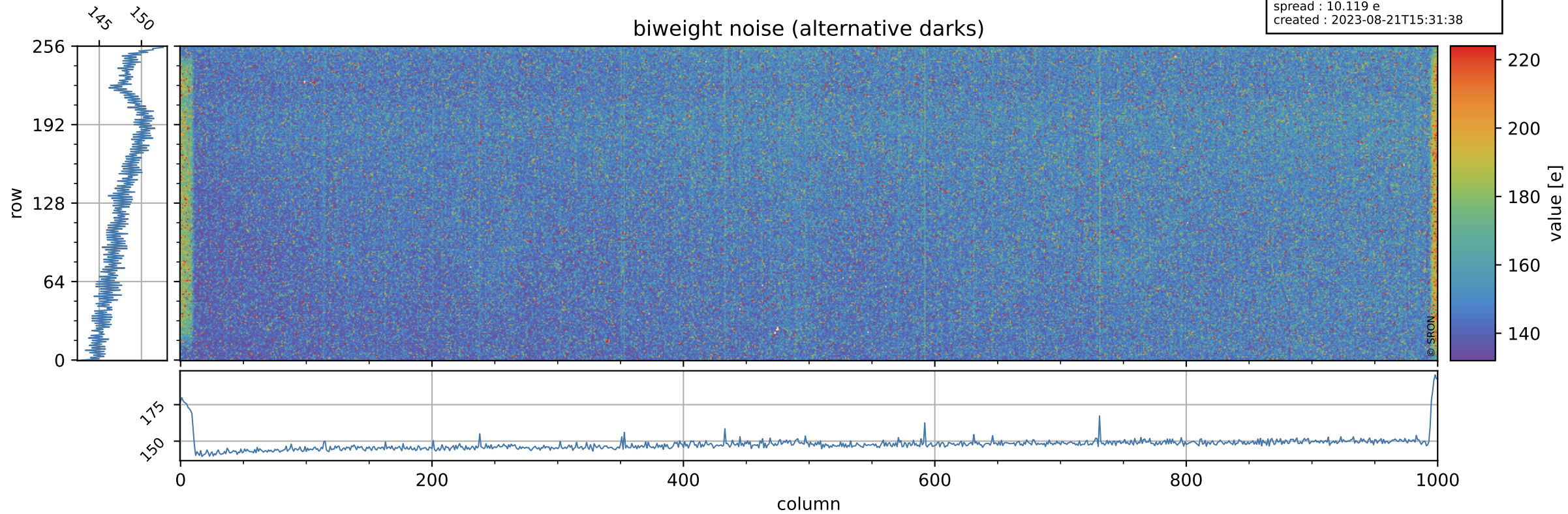
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13447, 13537]
coverage : 2020-05-18 / 2020-05-24
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.119 e
created : 2023-08-21T15:31:38

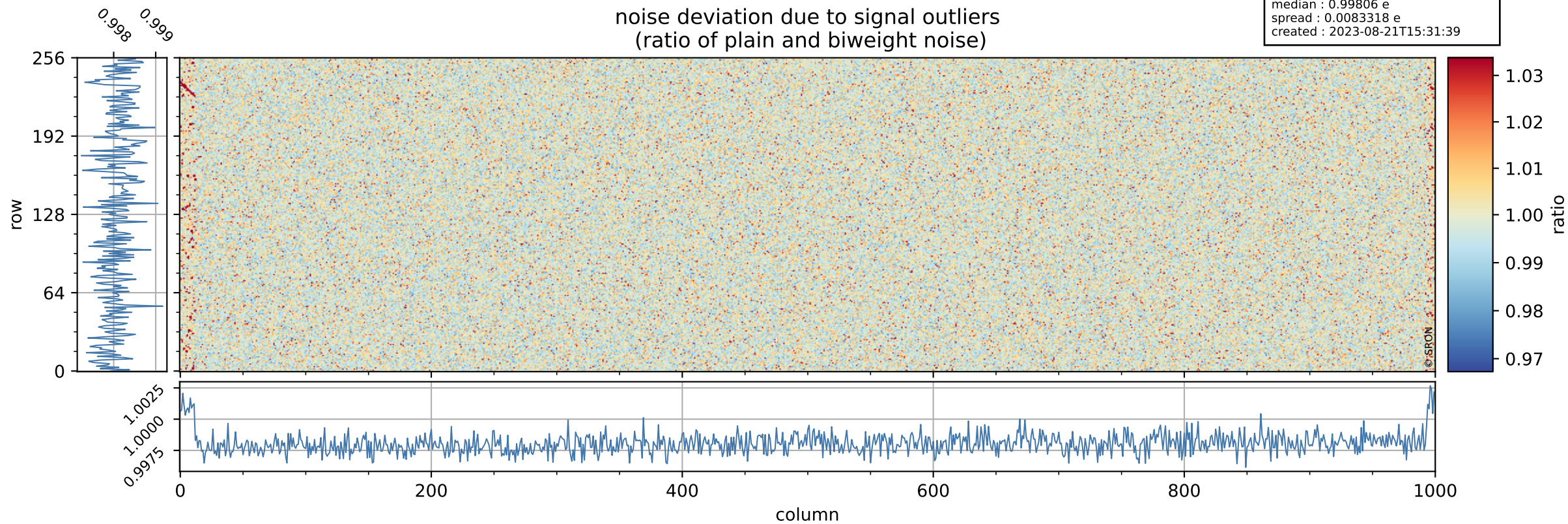
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

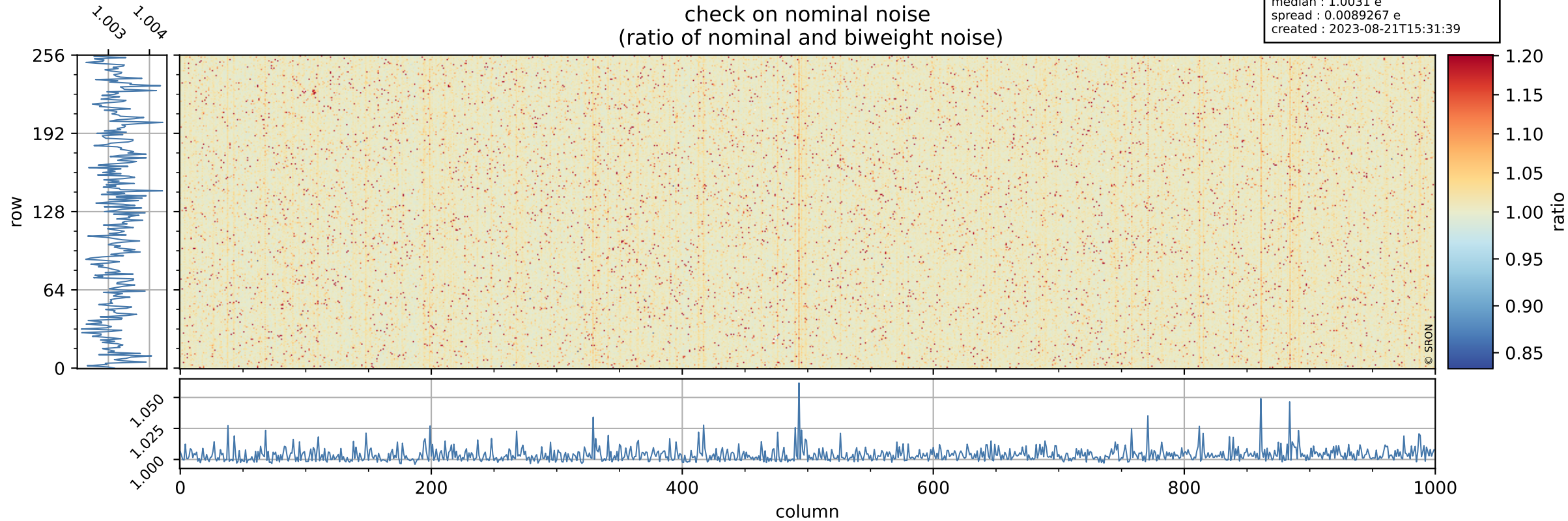
orbits : 12 in [13447, 13537]
coverage : 2020-05-18 / 2020-05-24
median : 0.99806 e
spread : 0.0083318 e
created : 2023-08-21T15:31:39



Tropomi SWIR background noise (swir)

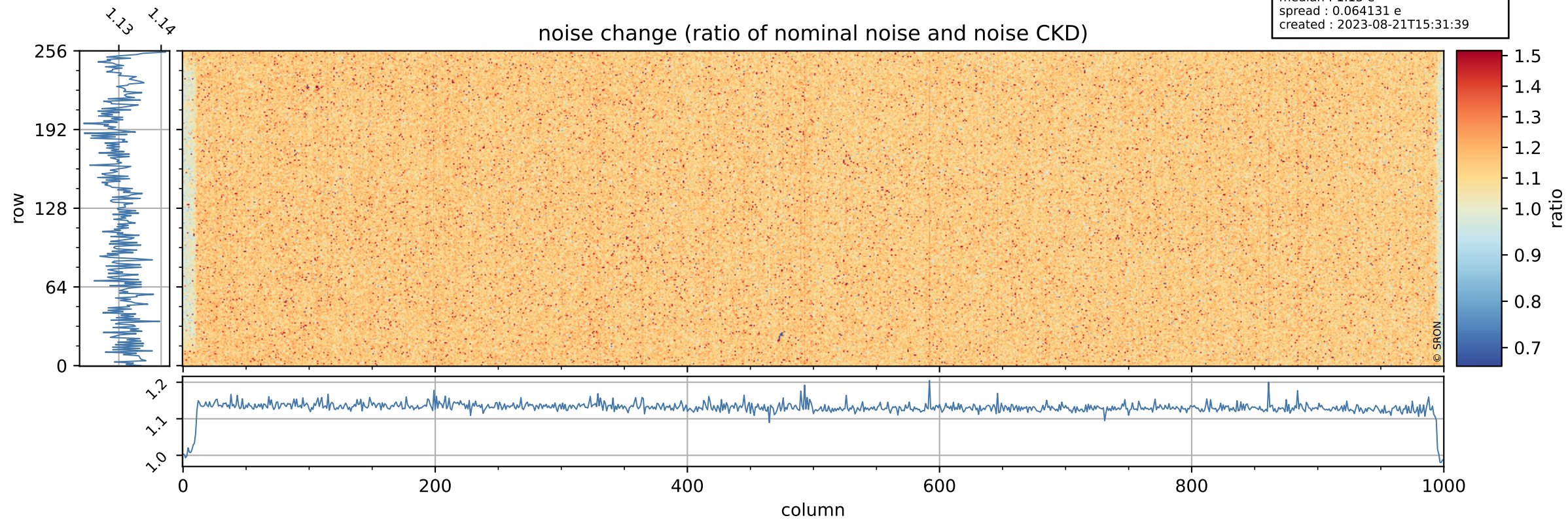
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13447, 13537]
coverage : 2020-05-18 / 2020-05-24
median : 1.0031 e
spread : 0.0089267 e
created : 2023-08-21T15:31:39



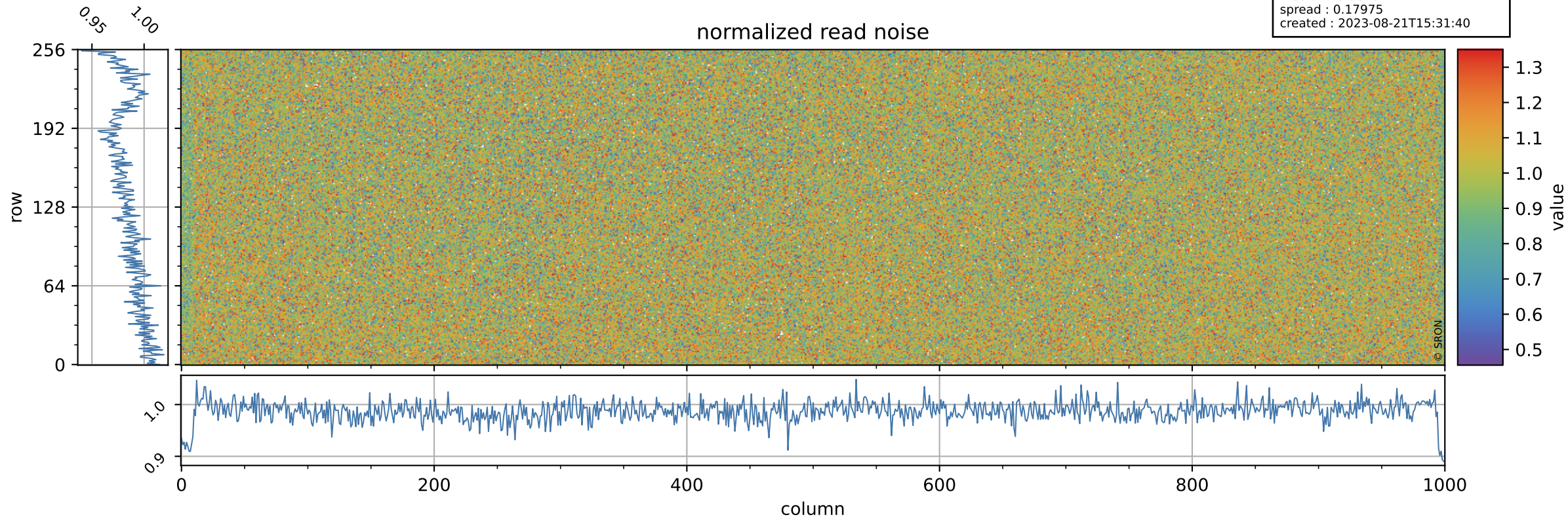
Tropomi SWIR background noise (swir)

orbits : 12 in [13447, 13537]
coverage : 2020-05-18 / 2020-05-24
median : 1.13 e
spread : 0.064131 e
created : 2023-08-21T15:31:39



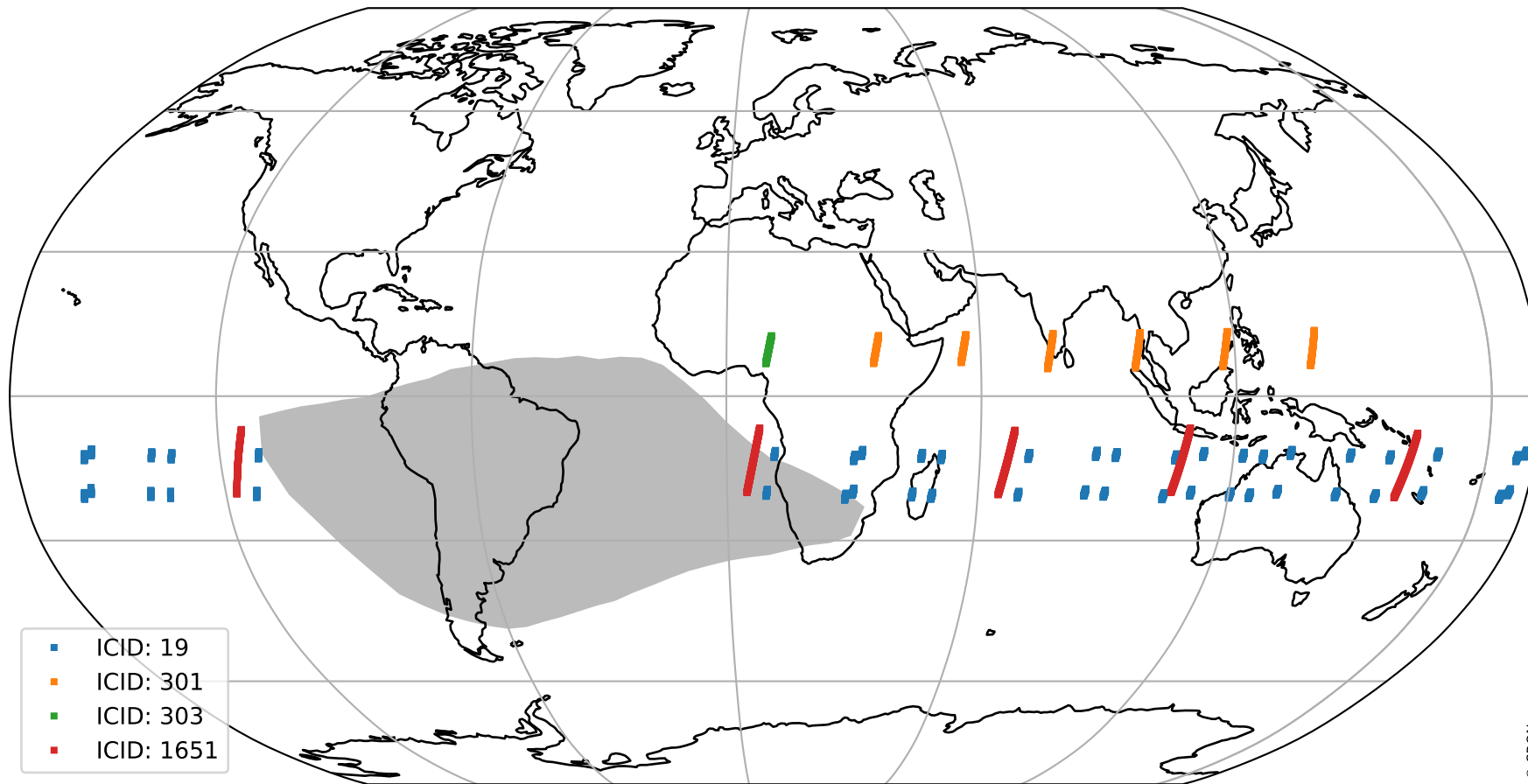
Tropomi SWIR background noise (swir)

orbits : 12 in [13447, 13537]
coverage : 2020-05-18 / 2020-05-24
median : 0.98492
spread : 0.17975
created : 2023-08-21T15:31:40



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

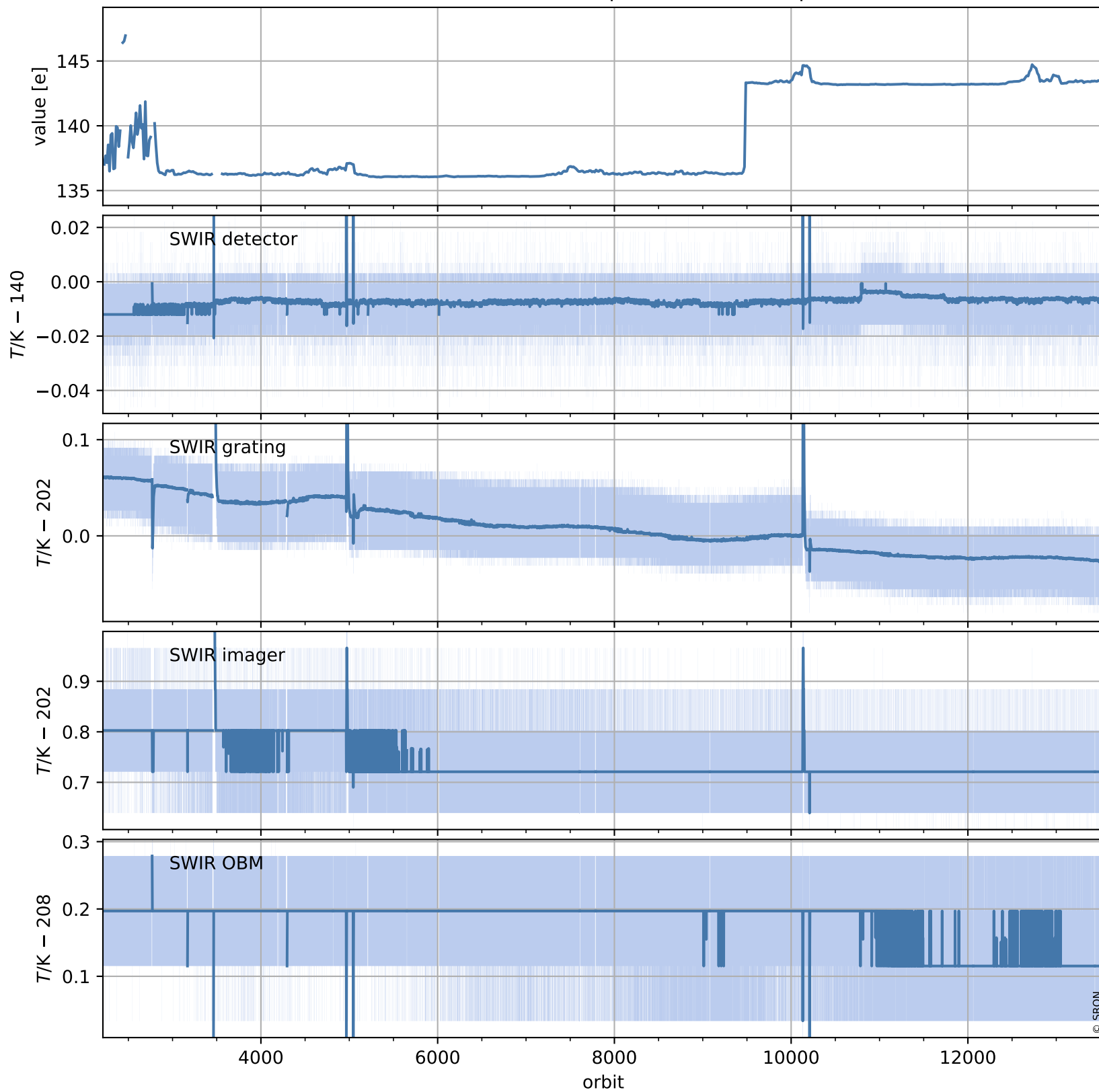
orbits : 12 in [13447, 13537]
coverage : 2020-05-18 / 2020-05-24
created : 2023-08-21T15:31:40



Tropomi SWIR background noise (swir)

orbits : [2212, 13537]
coverage : 2018-03-18 / 2020-05-24
created : 2023-08-21T15:31:40

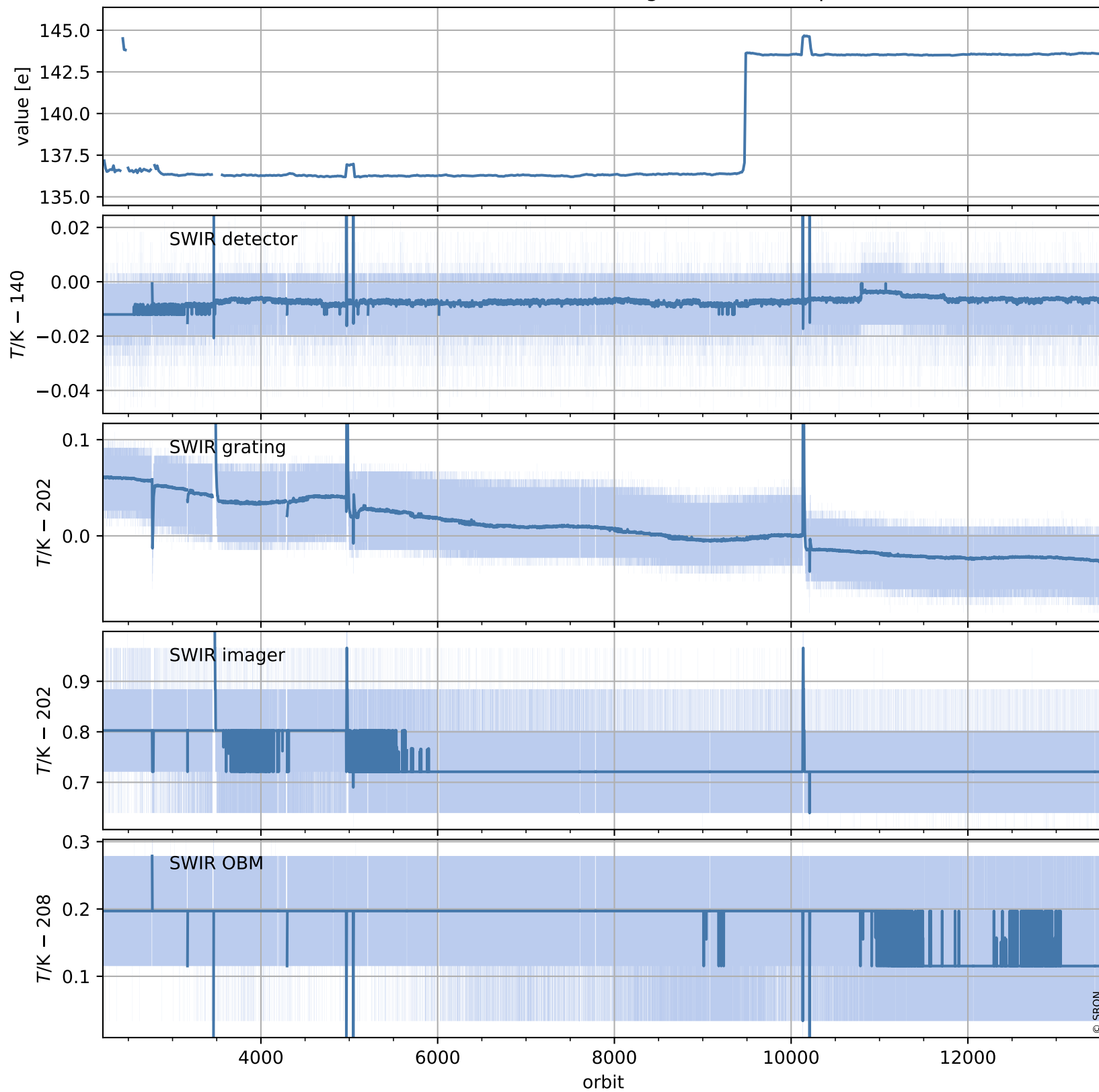
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13537]
coverage : 2018-03-18 / 2020-05-24
created : 2023-08-21T15:31:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13537]
coverage : 2018-03-18 / 2020-05-24
created : 2023-08-21T15:31:41

trend of normalized read-noise & temperatures

