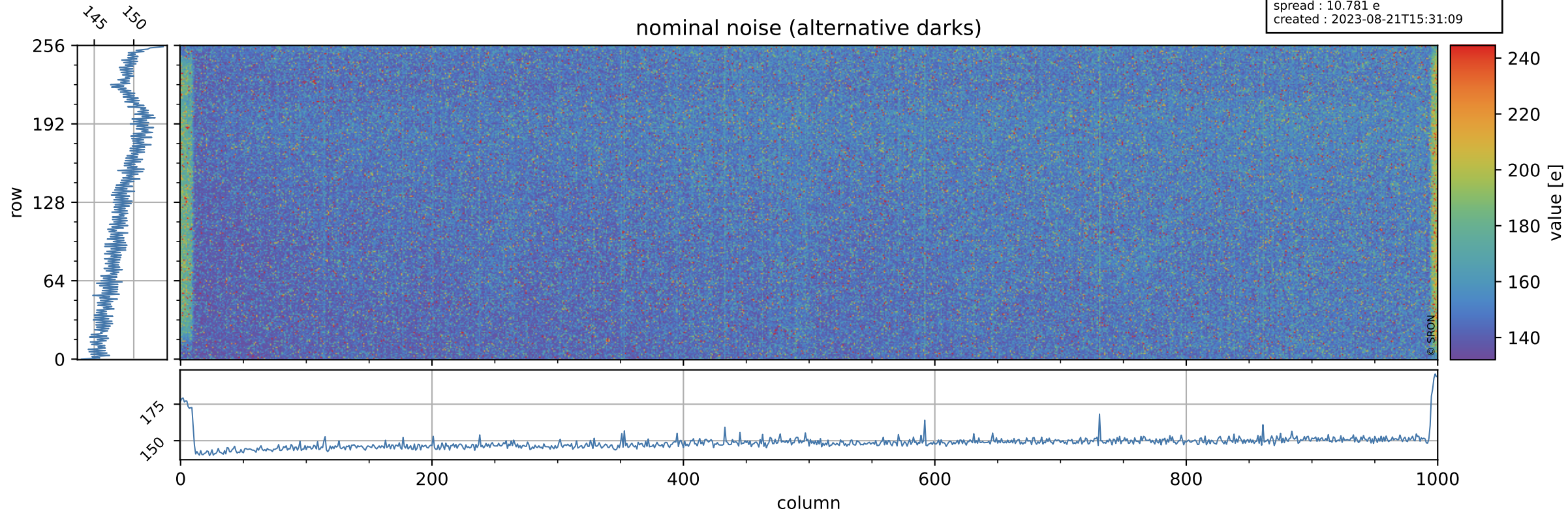


Tropomi SWIR background noise (swir)

orbits : 11 in [13357, 13447]
coverage : 2020-05-12 / 2020-05-18
n_coad, t_exp : 1, 1.0783
median : 148.46 e
spread : 10.781 e
created : 2023-08-21T15:31:09

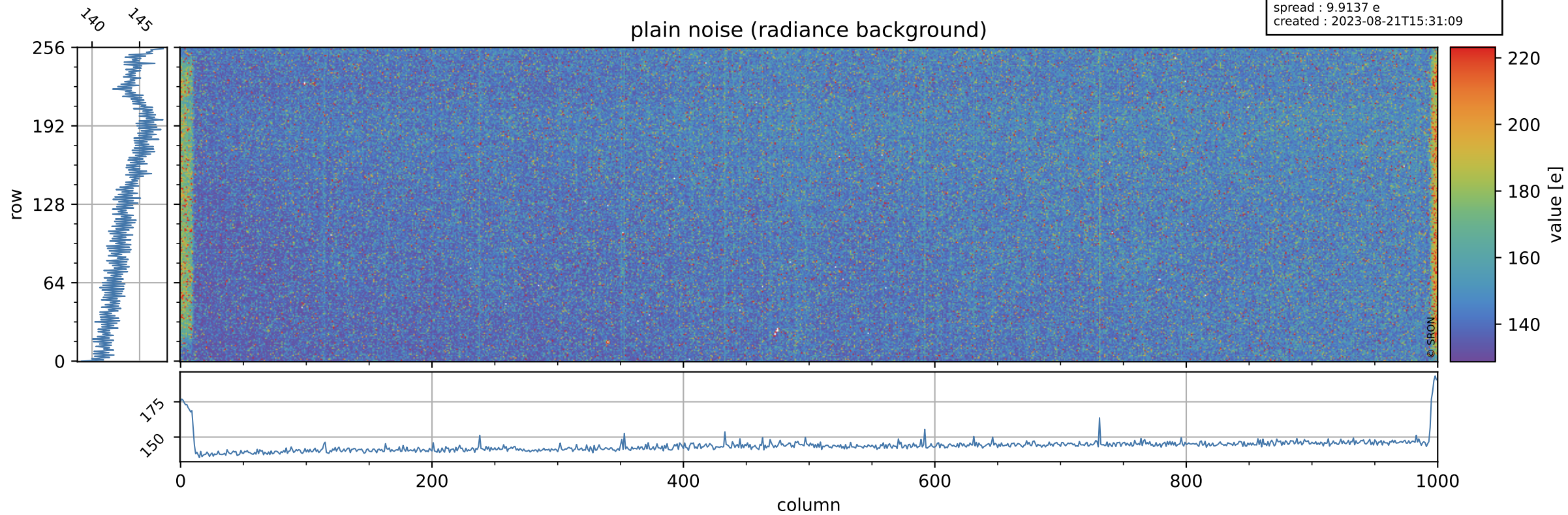
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [13357, 13447]
coverage : 2020-05-12 / 2020-05-18
n_coad, t_exp : 1, 0.8383
median : 143.58 e
spread : 9.9137 e
created : 2023-08-21T15:31:09

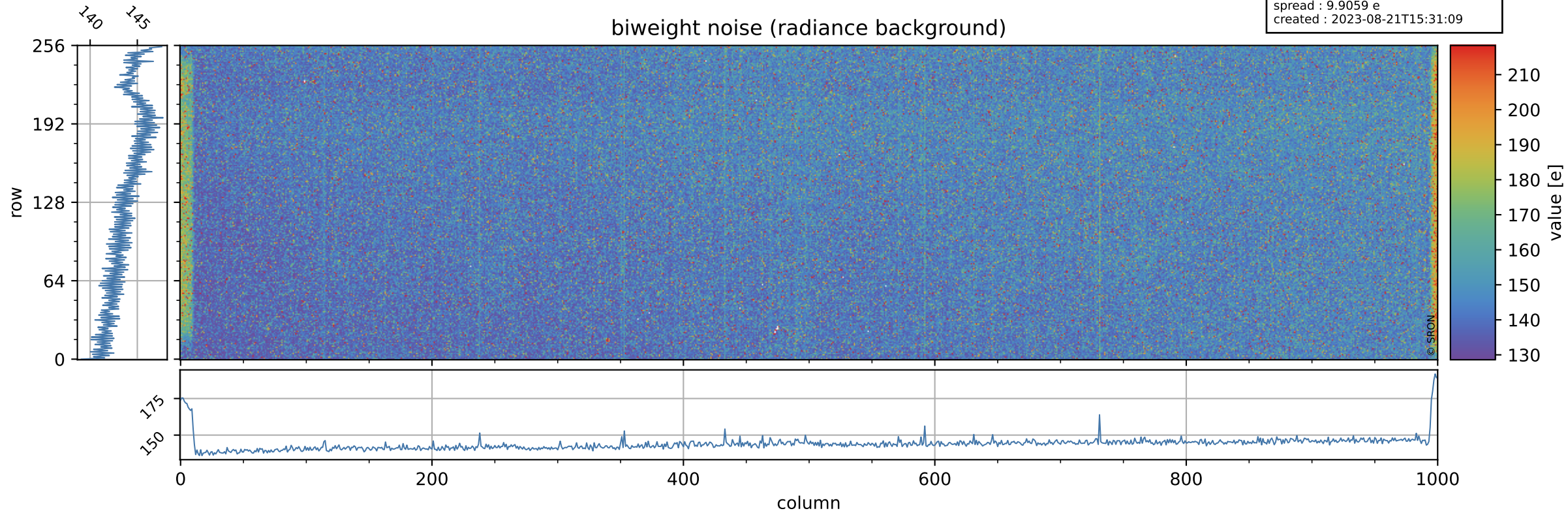
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [13357, 13447]
coverage : 2020-05-12 / 2020-05-18
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.9059 e
created : 2023-08-21T15:31:09

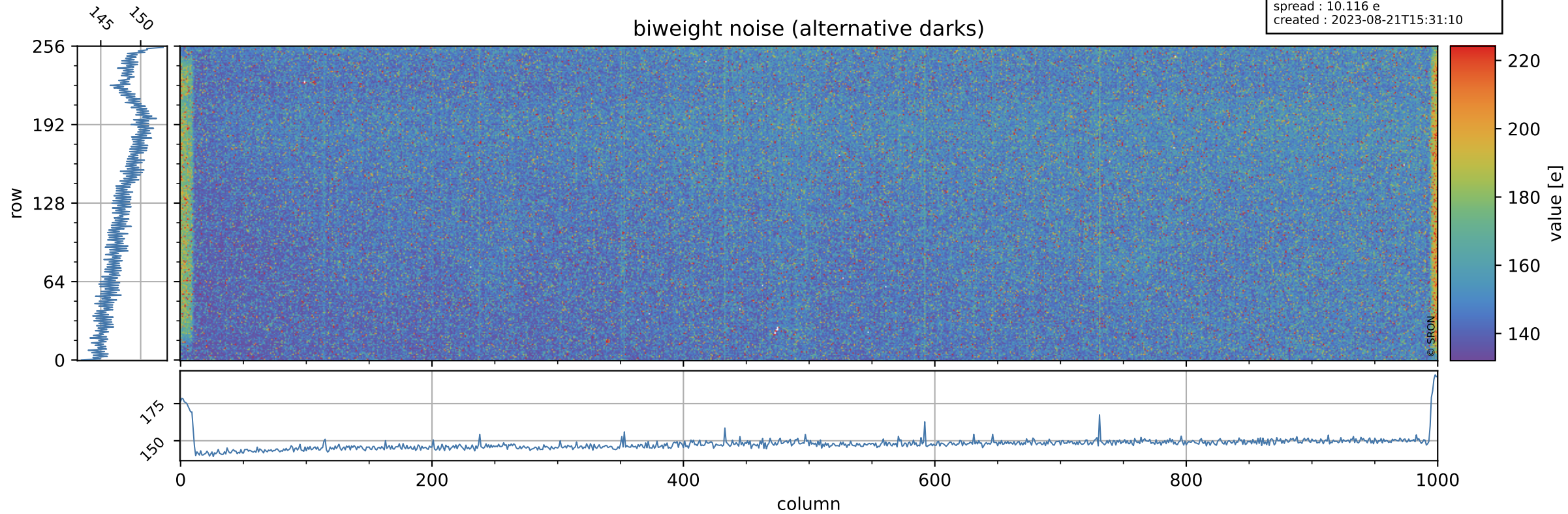
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [13357, 13447]
coverage : 2020-05-12 / 2020-05-18
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.116 e
created : 2023-08-21T15:31:10

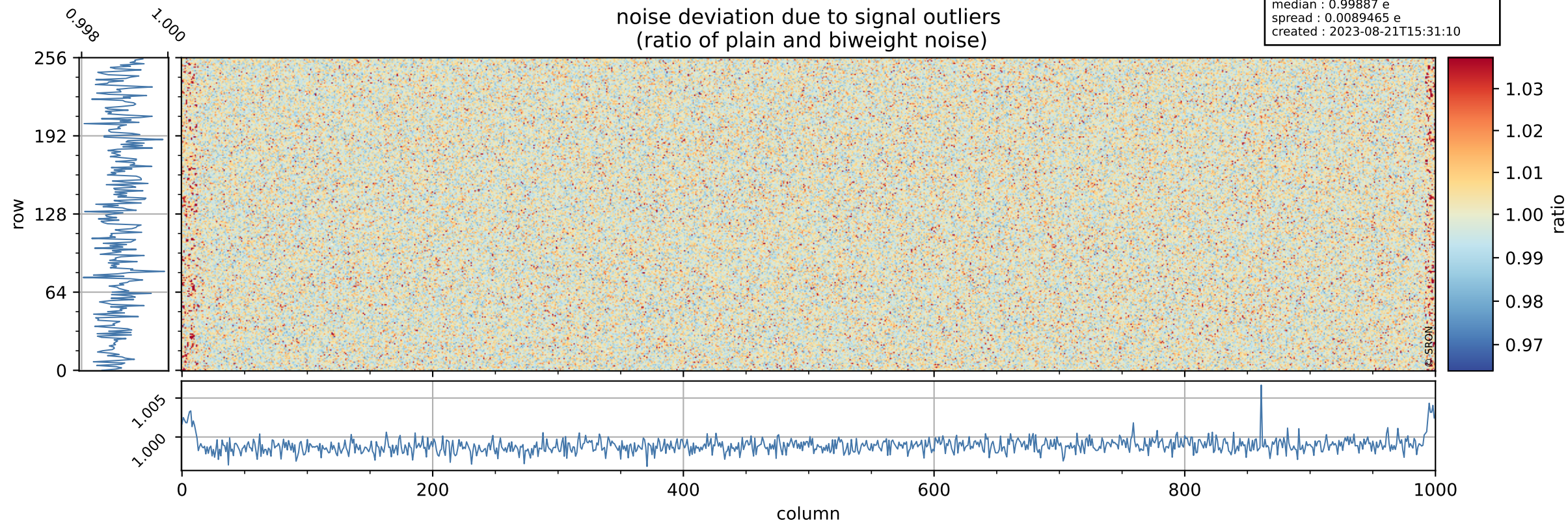
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

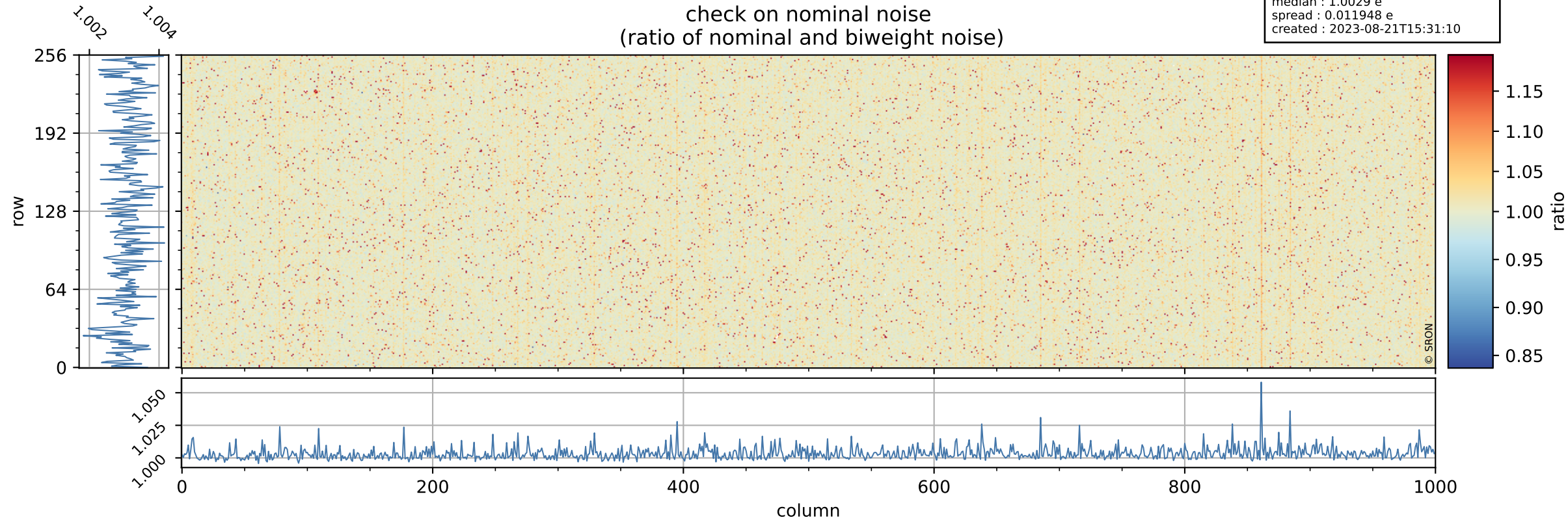
orbits : 11 in [13357, 13447]
coverage : 2020-05-12 / 2020-05-18
median : 0.99887 e
spread : 0.0089465 e
created : 2023-08-21T15:31:10



Tropomi SWIR background noise (swir)

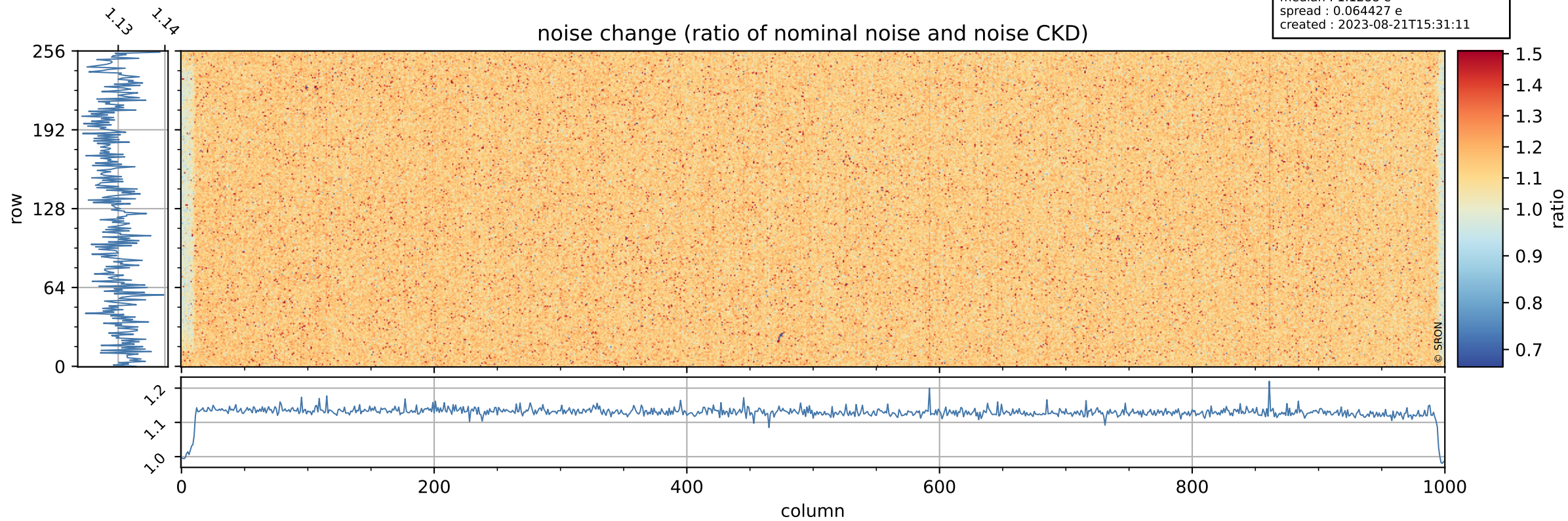
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [13357, 13447]
coverage : 2020-05-12 / 2020-05-18
median : 1.0029 e
spread : 0.011948 e
created : 2023-08-21T15:31:10



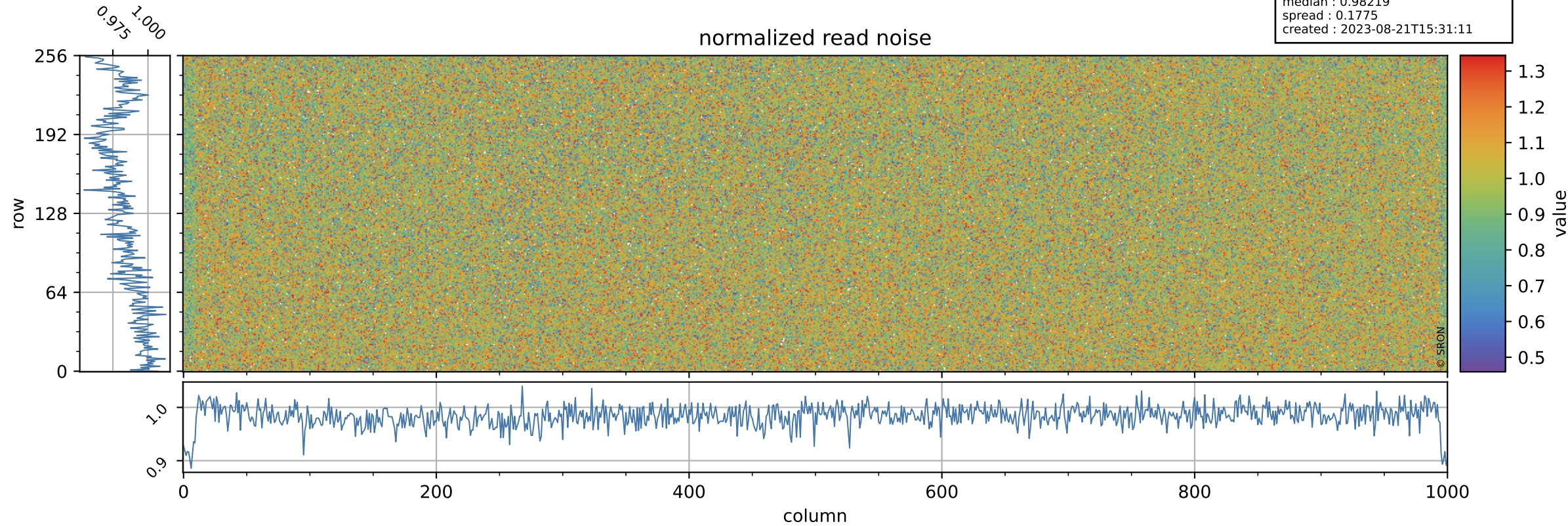
Tropomi SWIR background noise (swir)

orbits : 11 in [13357, 13447]
coverage : 2020-05-12 / 2020-05-18
median : 1.1288 e
spread : 0.064427 e
created : 2023-08-21T15:31:11



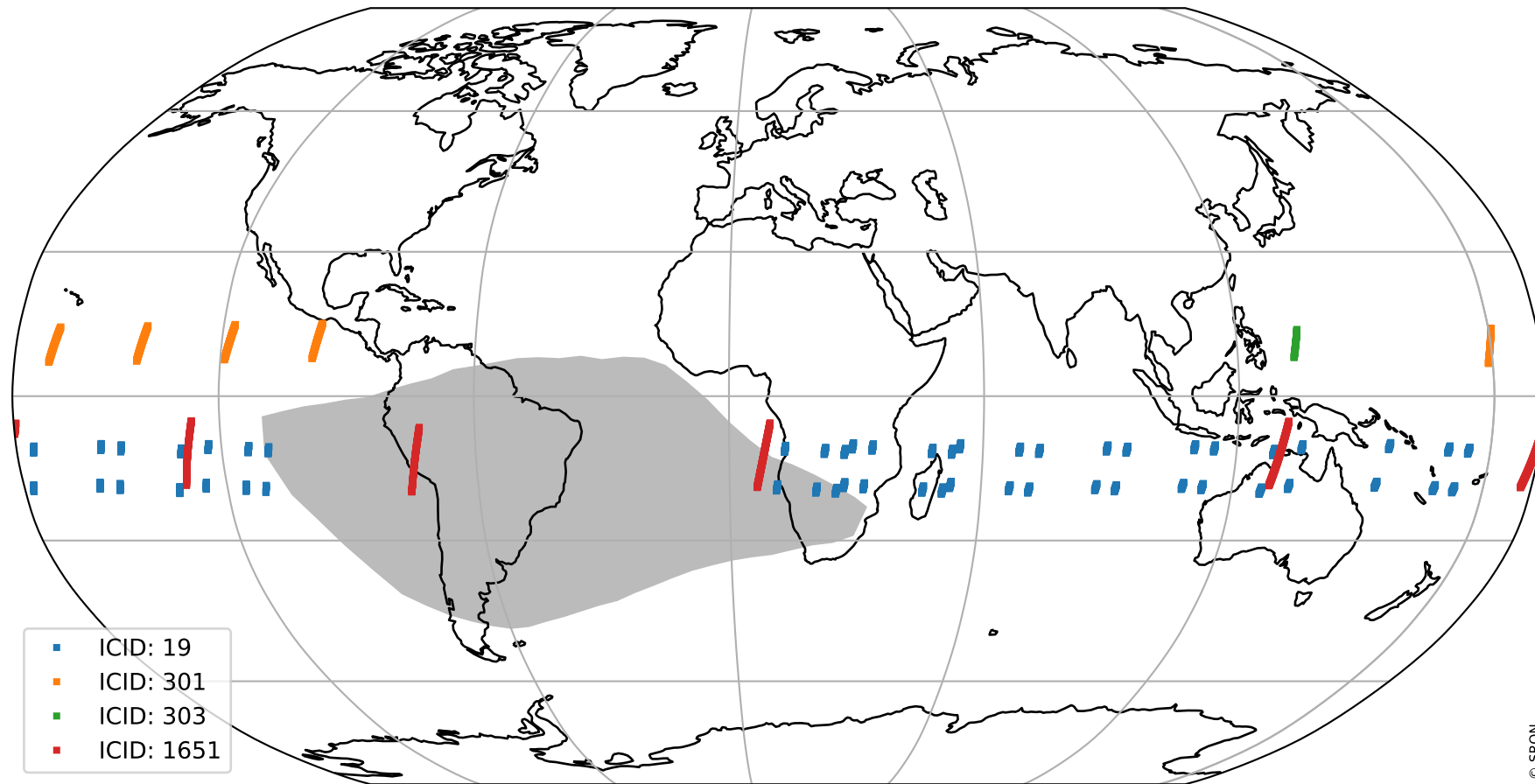
Tropomi SWIR background noise (swir)

orbits : 11 in [13357, 13447]
coverage : 2020-05-12 / 2020-05-18
median : 0.98219
spread : 0.1775
created : 2023-08-21T15:31:11



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

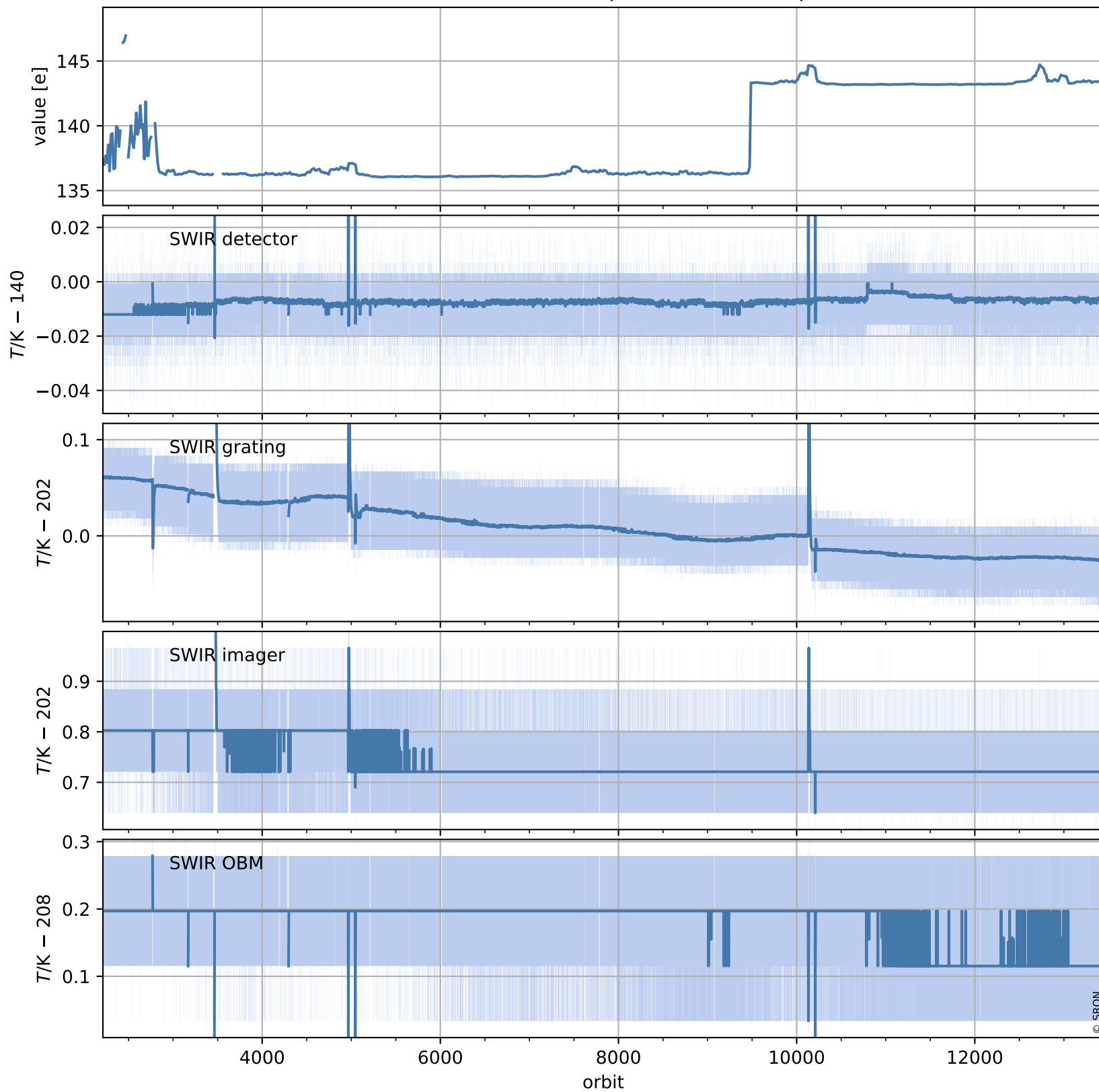
orbits : 11 in [13357, 13447]
coverage : 2020-05-12 / 2020-05-18
created : 2023-08-21T15:31:11



Tropomi SWIR background noise (swir)

orbits : [2212, 13447]
coverage : 2018-03-18 / 2020-05-18
created : 2023-08-21T15:31:11

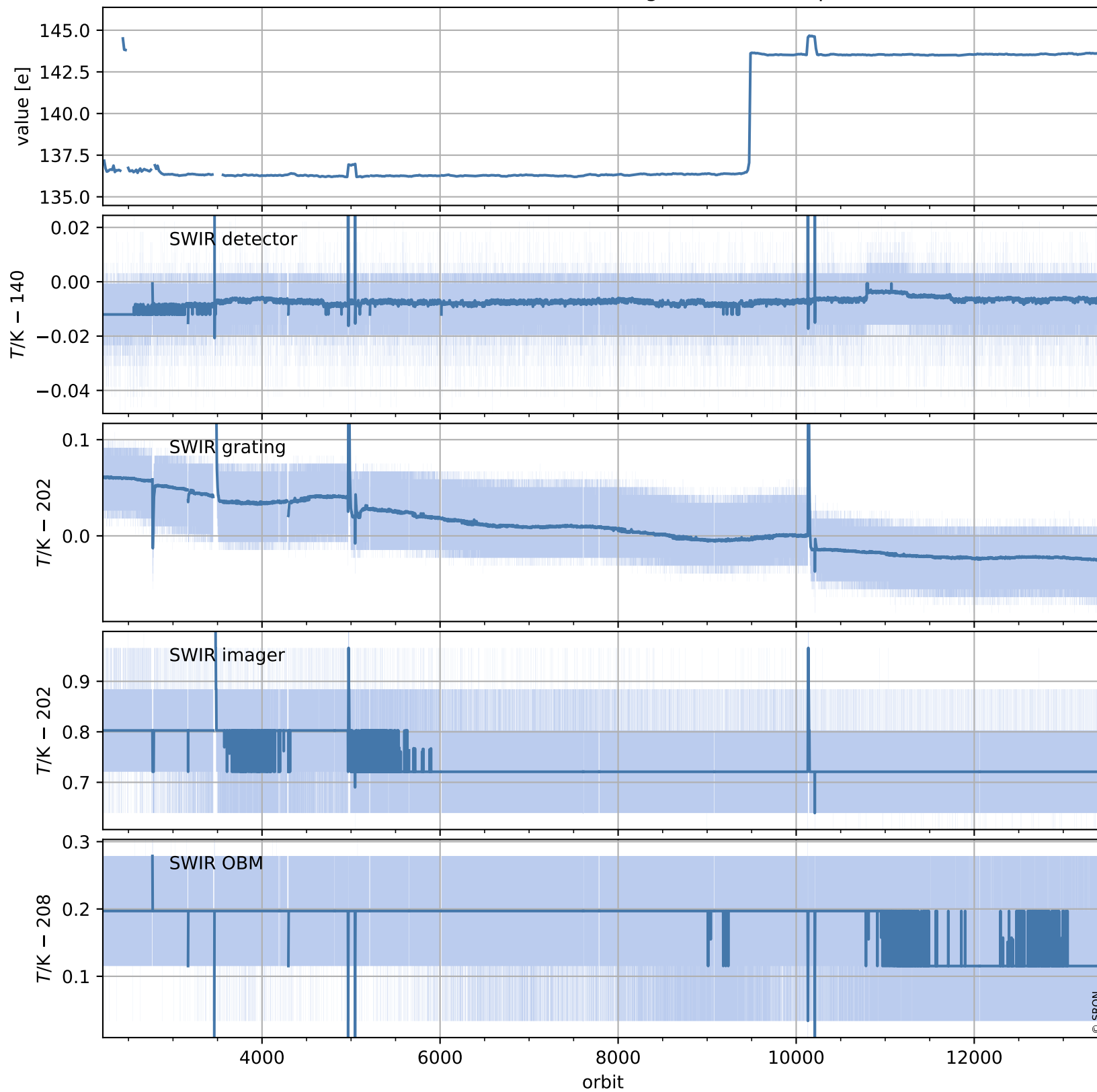
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13447]
coverage : 2018-03-18 / 2020-05-18
created : 2023-08-21T15:31:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13447]
coverage : 2018-03-18 / 2020-05-18
created : 2023-08-21T15:31:13

trend of normalized read-noise & temperatures

