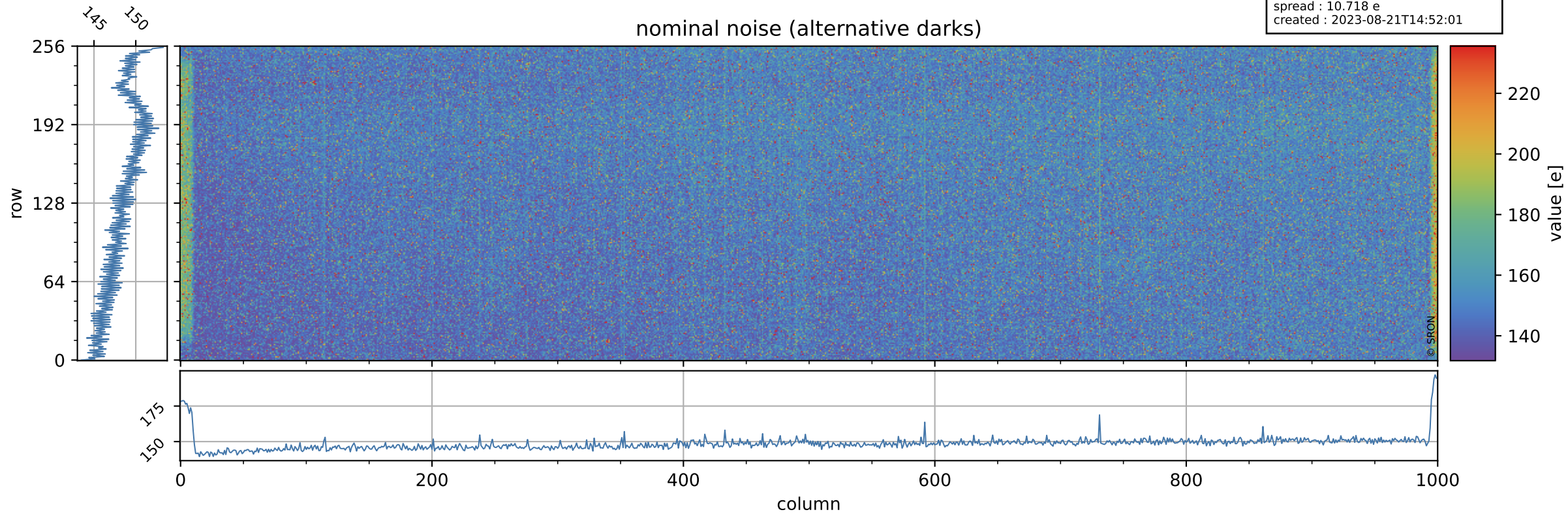


Tropomi SWIR background noise (swir)

orbits : 10 in [7777, 7852]
coverage : 2019-04-13 / 2019-04-19
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.718 e
created : 2023-08-21T14:52:01

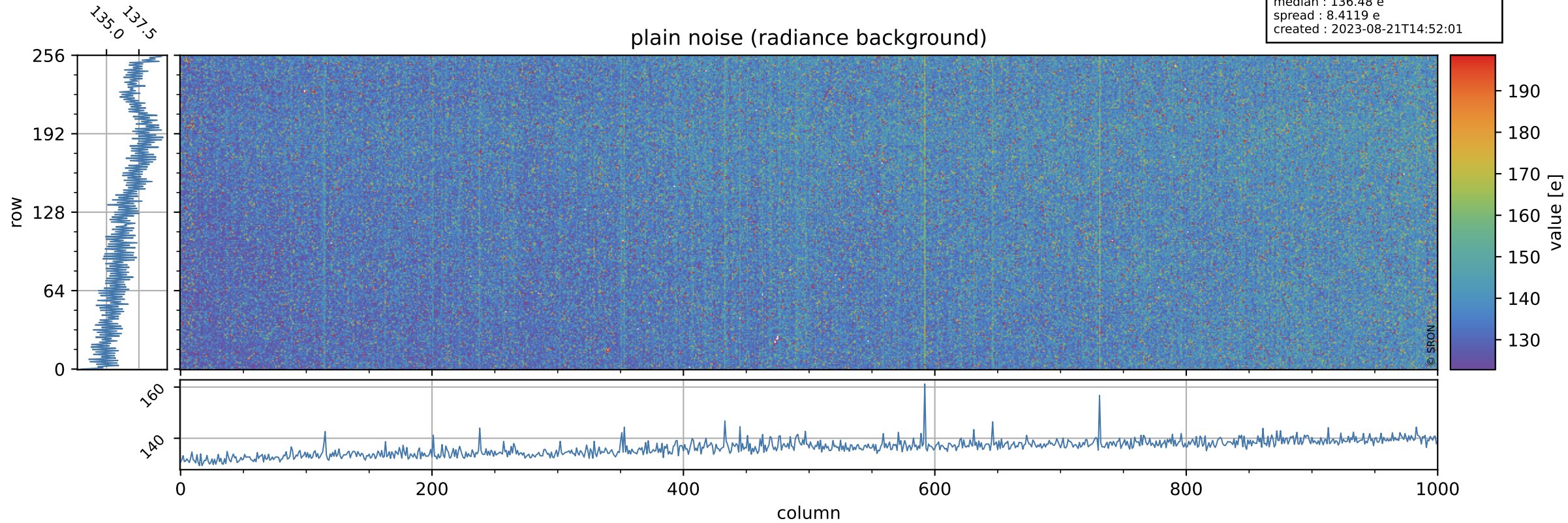
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 10 in [7777, 7852]
coverage : 2019-04-13 / 2019-04-19
n_coad, t_exp : 2, 0.5383
median : 136.48 e
spread : 8.4119 e
created : 2023-08-21T14:52:01

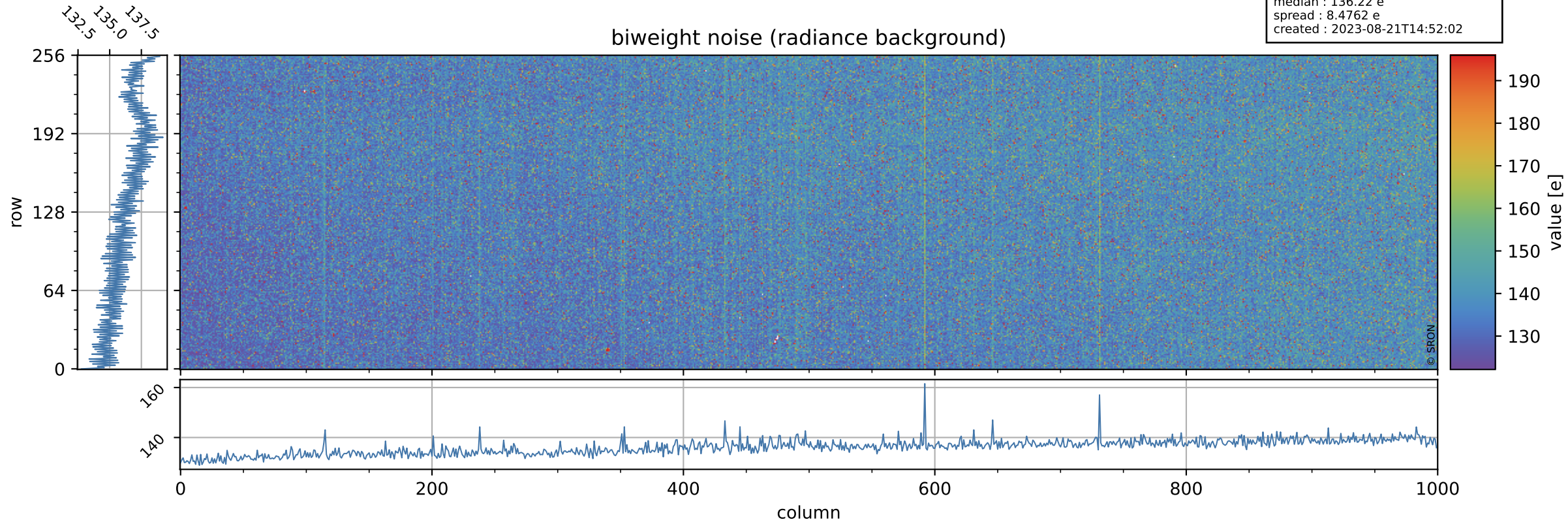
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [7777, 7852]
coverage : 2019-04-13 / 2019-04-19
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.4762 e
created : 2023-08-21T14:52:02

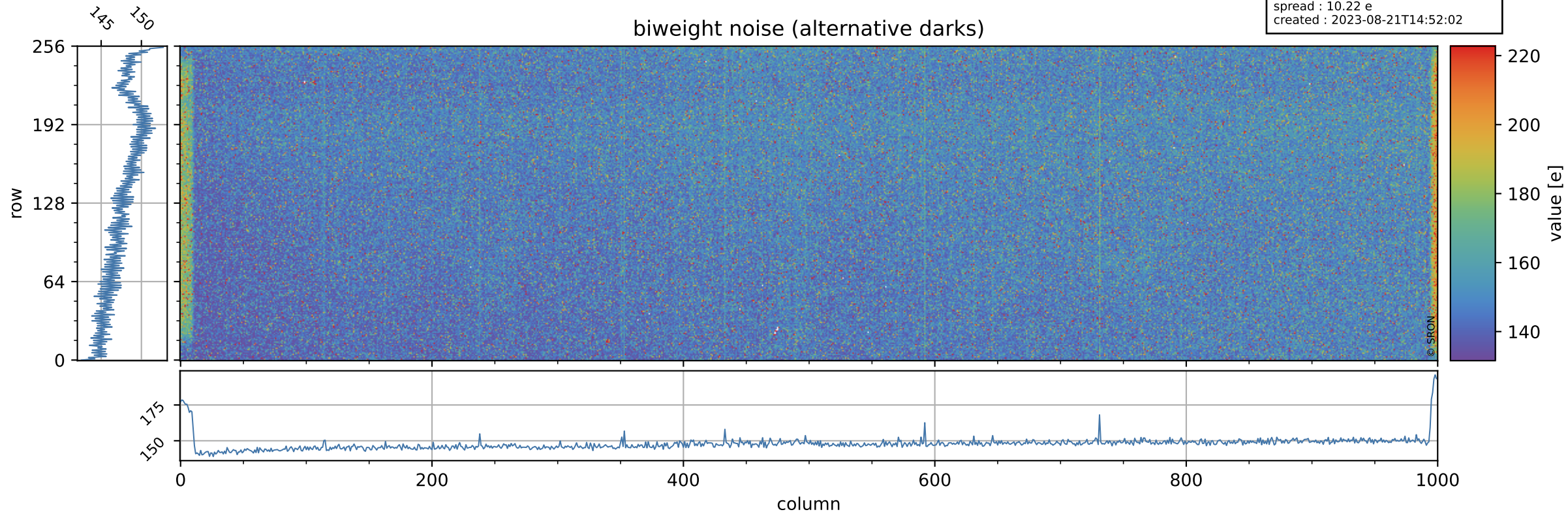
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [7777, 7852]
coverage : 2019-04-13 / 2019-04-19
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.22 e
created : 2023-08-21T14:52:02

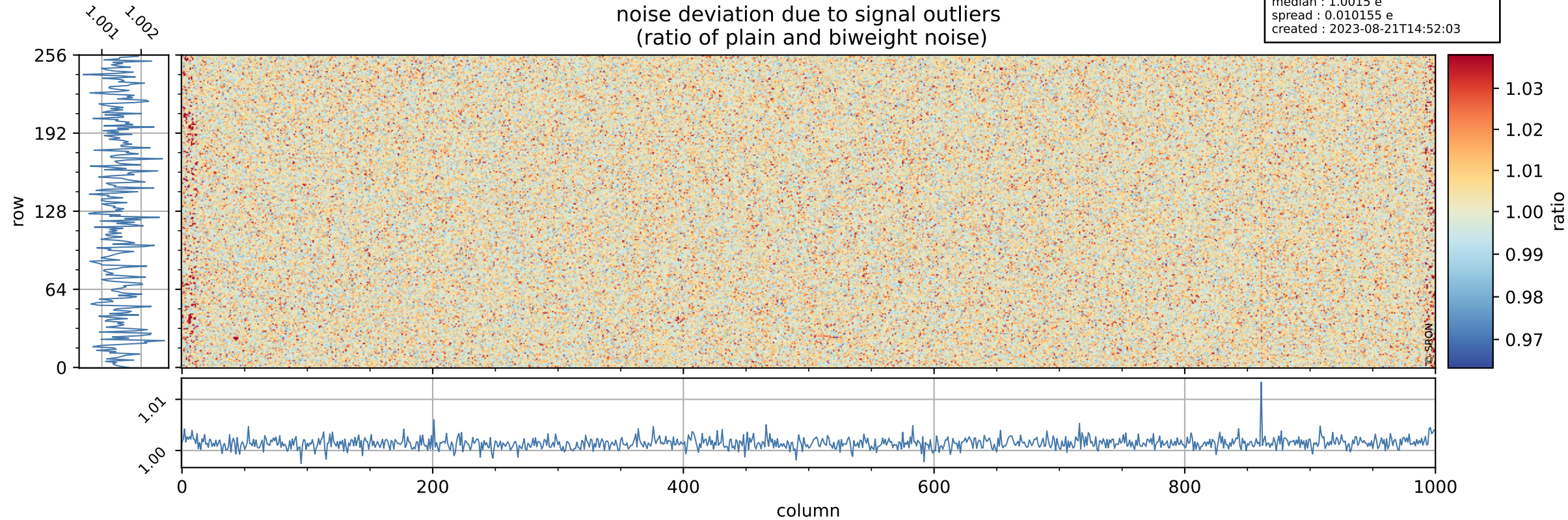
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

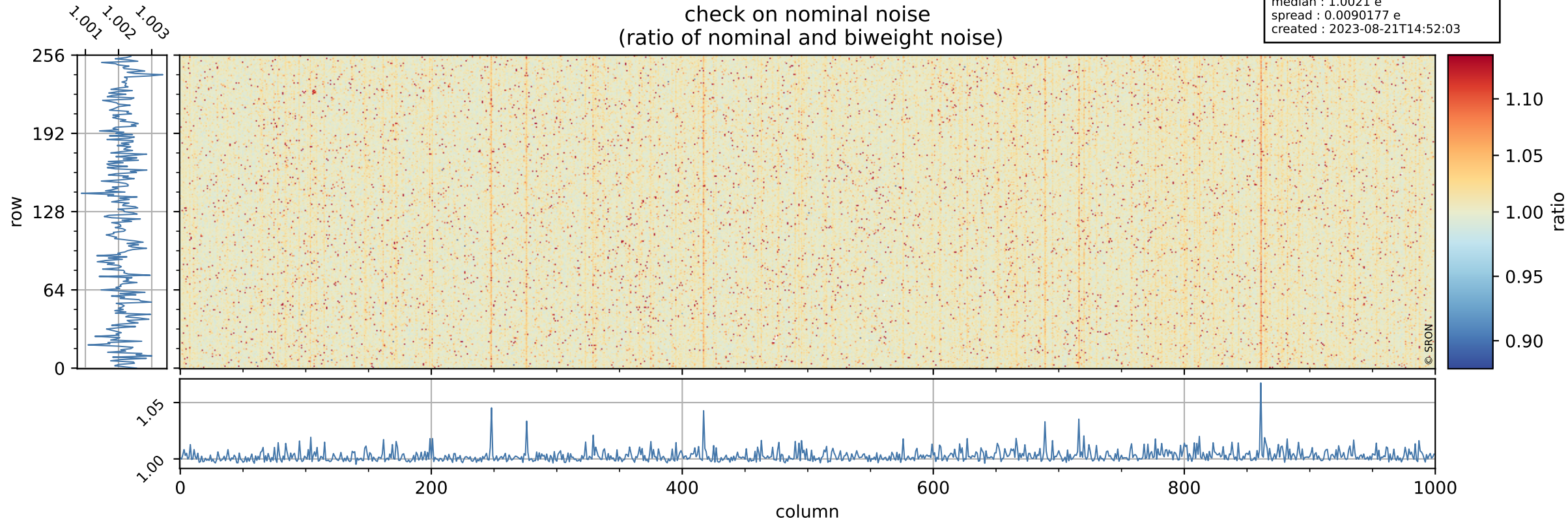
orbits : 10 in [7777, 7852]
coverage : 2019-04-13 / 2019-04-19
median : 1.0015 e
spread : 0.010155 e
created : 2023-08-21T14:52:03



Tropomi SWIR background noise (swir)

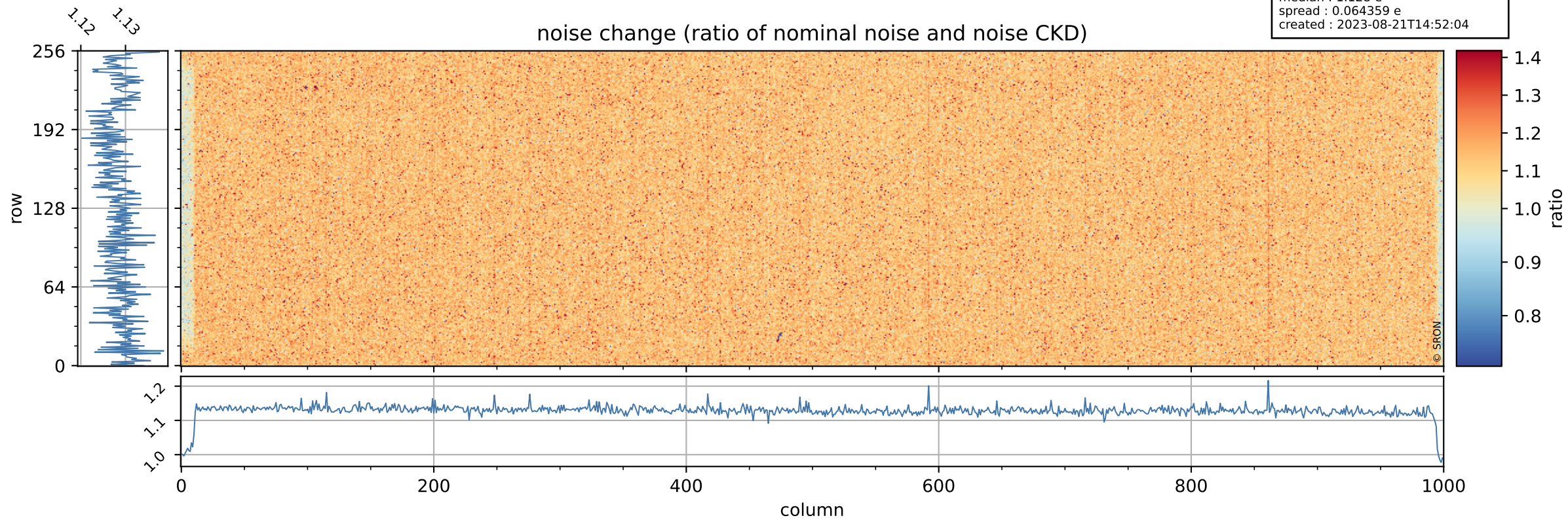
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 10 in [7777, 7852]
coverage : 2019-04-13 / 2019-04-19
median : 1.0021 e
spread : 0.0090177 e
created : 2023-08-21T14:52:03



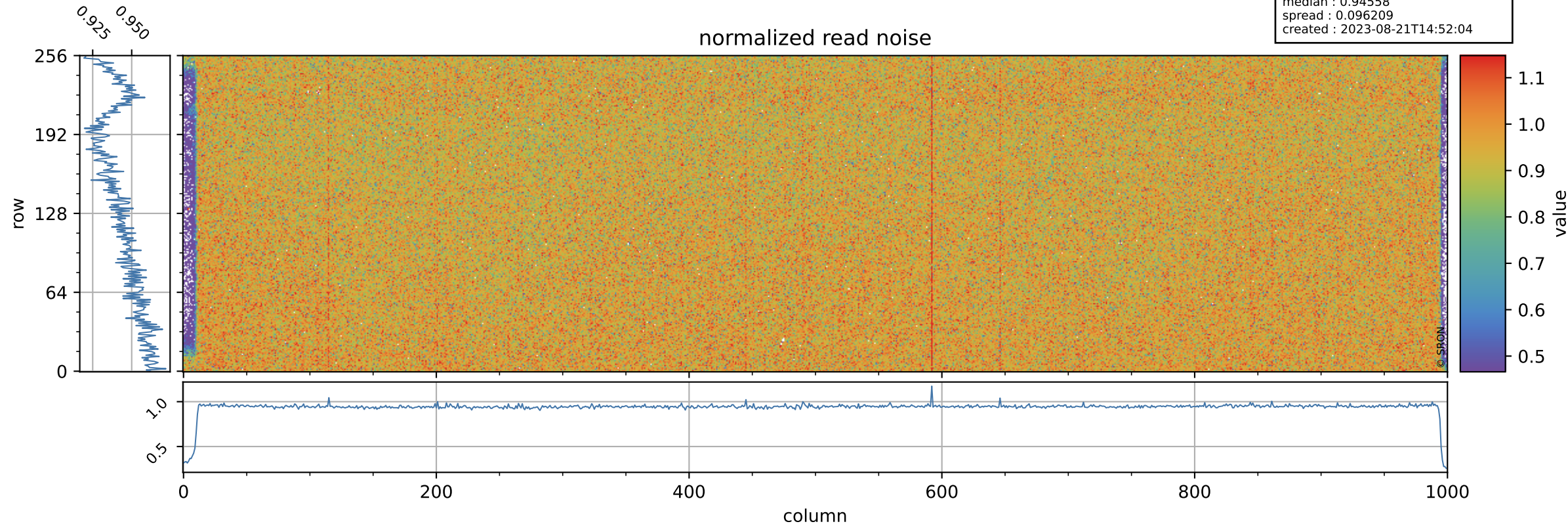
Tropomi SWIR background noise (swir)

orbits : 10 in [7777, 7852]
coverage : 2019-04-13 / 2019-04-19
median : 1.128 e
spread : 0.064359 e
created : 2023-08-21T14:52:04



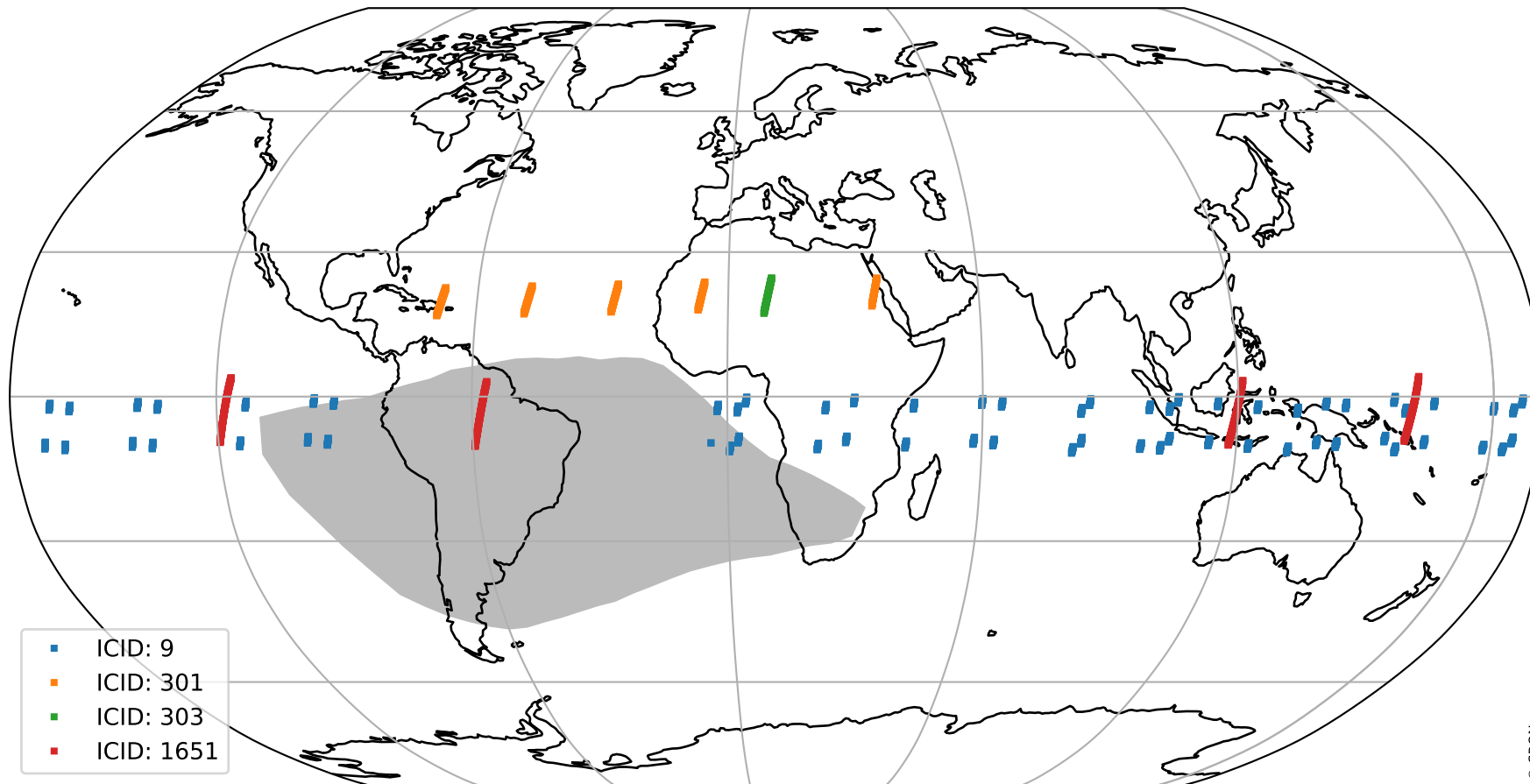
Tropomi SWIR background noise (swir)

orbits : 10 in [7777, 7852]
coverage : 2019-04-13 / 2019-04-19
median : 0.94558
spread : 0.096209
created : 2023-08-21T14:52:04



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

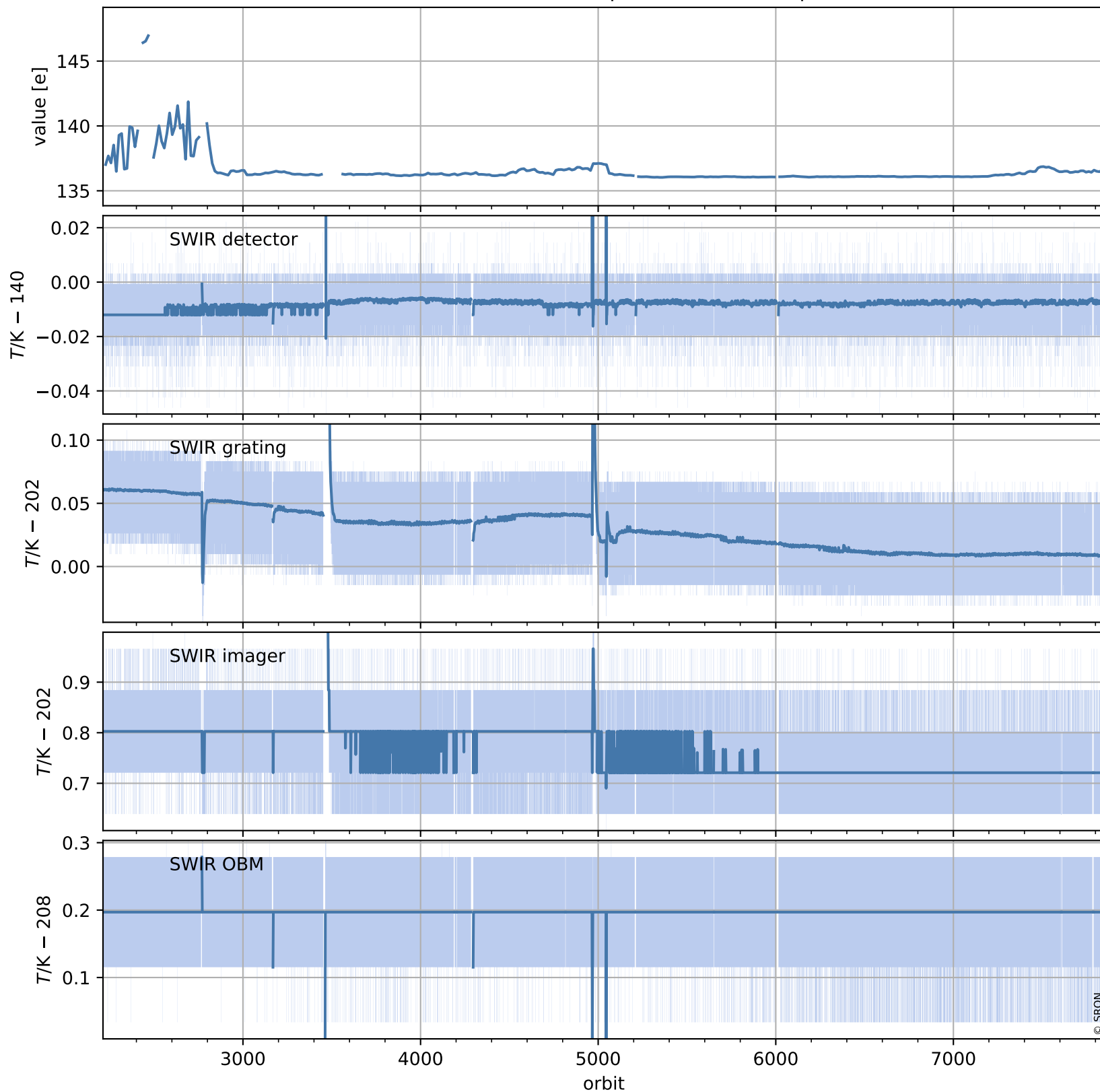
orbits : 10 in [7777, 7852]
coverage : 2019-04-13 / 2019-04-19
created : 2023-08-21T14:52:04



Tropomi SWIR background noise (swir)

orbits : [2212, 7852]
coverage : 2018-03-18 / 2019-04-19
created : 2023-08-21T14:52:05

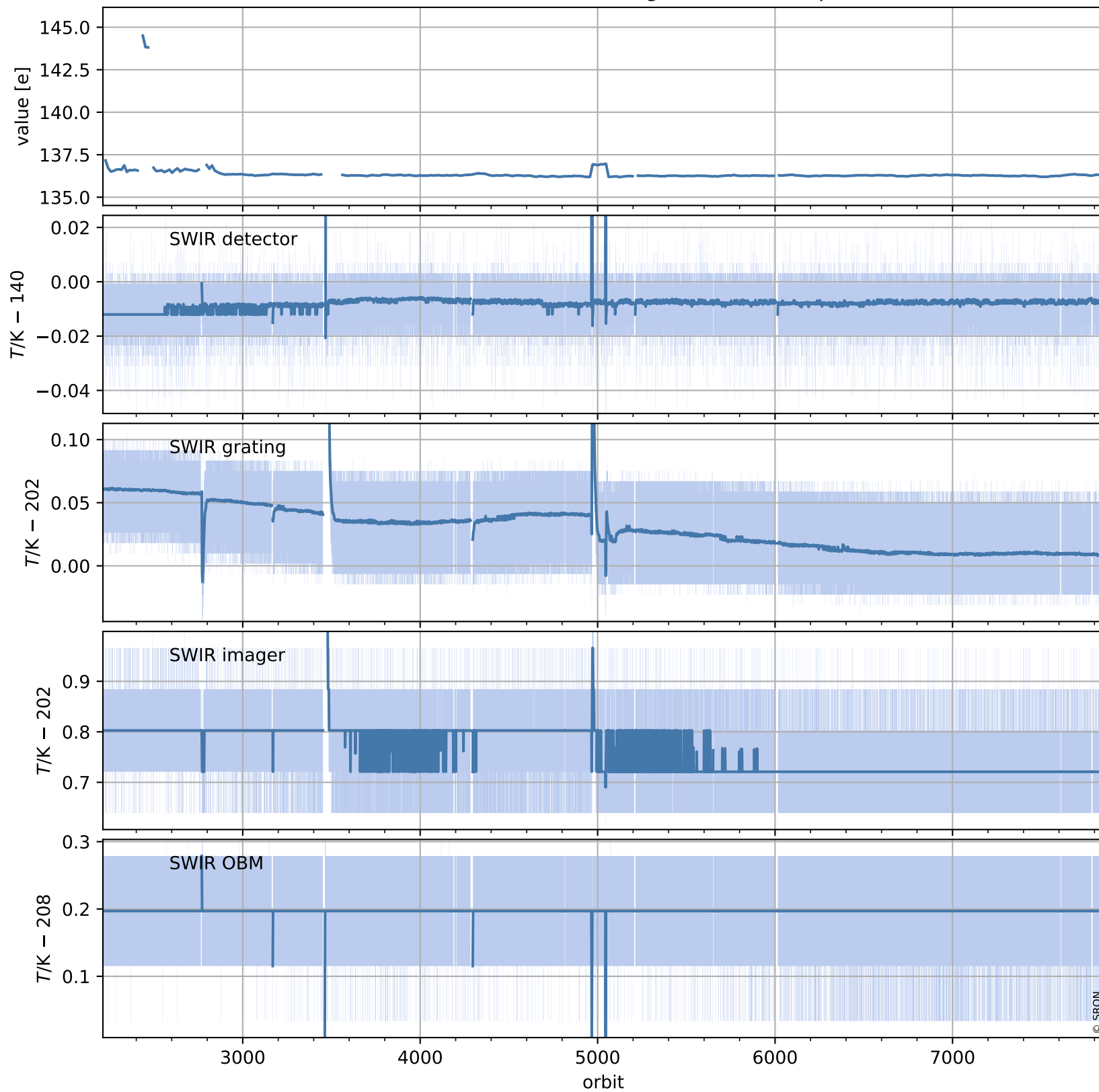
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7852]
coverage : 2018-03-18 / 2019-04-19
created : 2023-08-21T14:52:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7852]
coverage : 2018-03-18 / 2019-04-19
created : 2023-08-21T14:52:07

trend of normalized read-noise & temperatures

