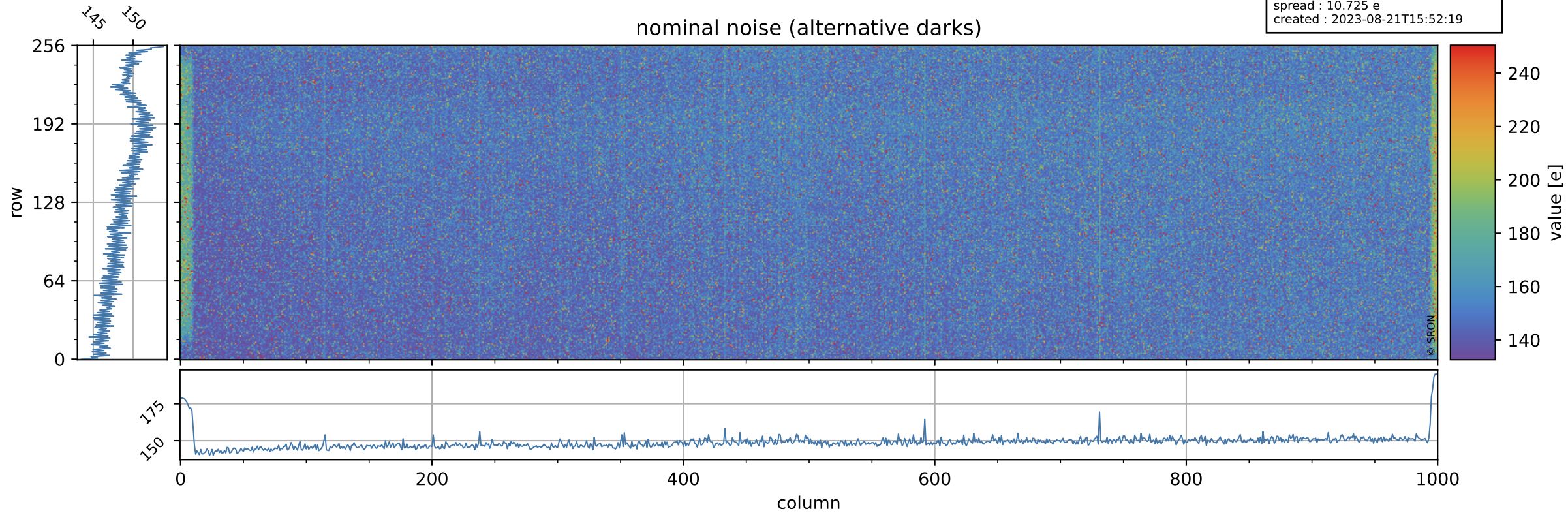


Tropomi SWIR background noise (swir)

orbits : 13 in [17152, 17242]
coverage : 2021-02-03 / 2021-02-09
n_coad, t_exp : 1, 1.0783
median : 148.66 e
spread : 10.725 e
created : 2023-08-21T15:52:19

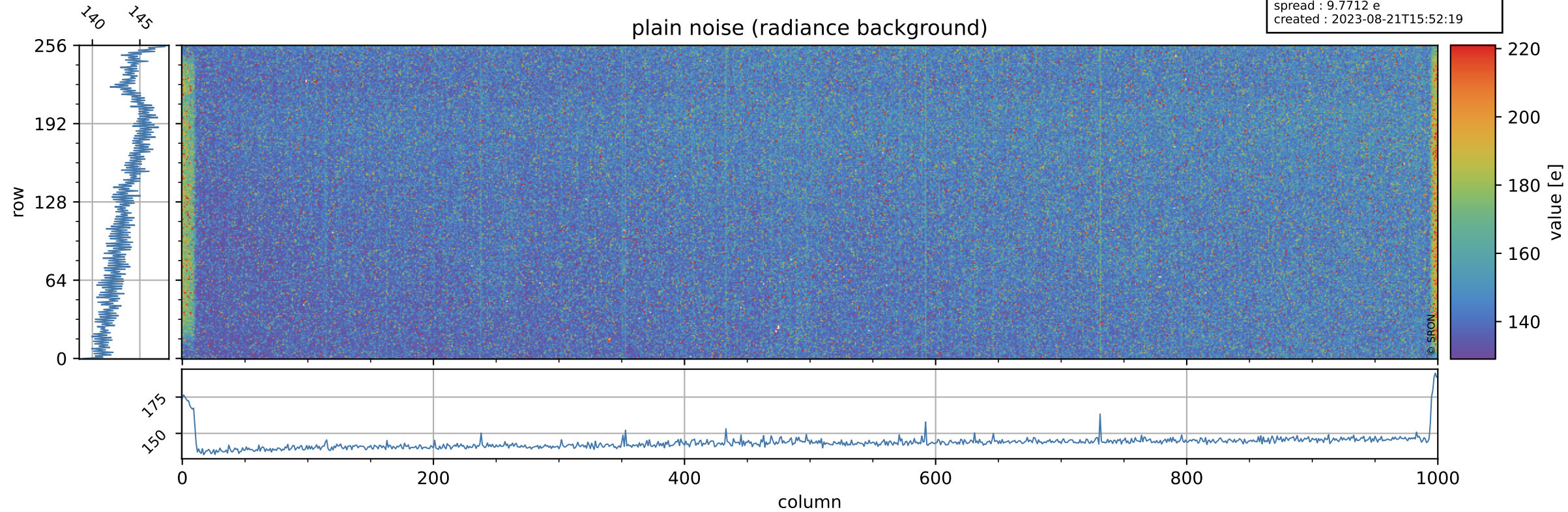
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [17152, 17242]
coverage : 2021-02-03 / 2021-02-09
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.7712 e
created : 2023-08-21T15:52:19

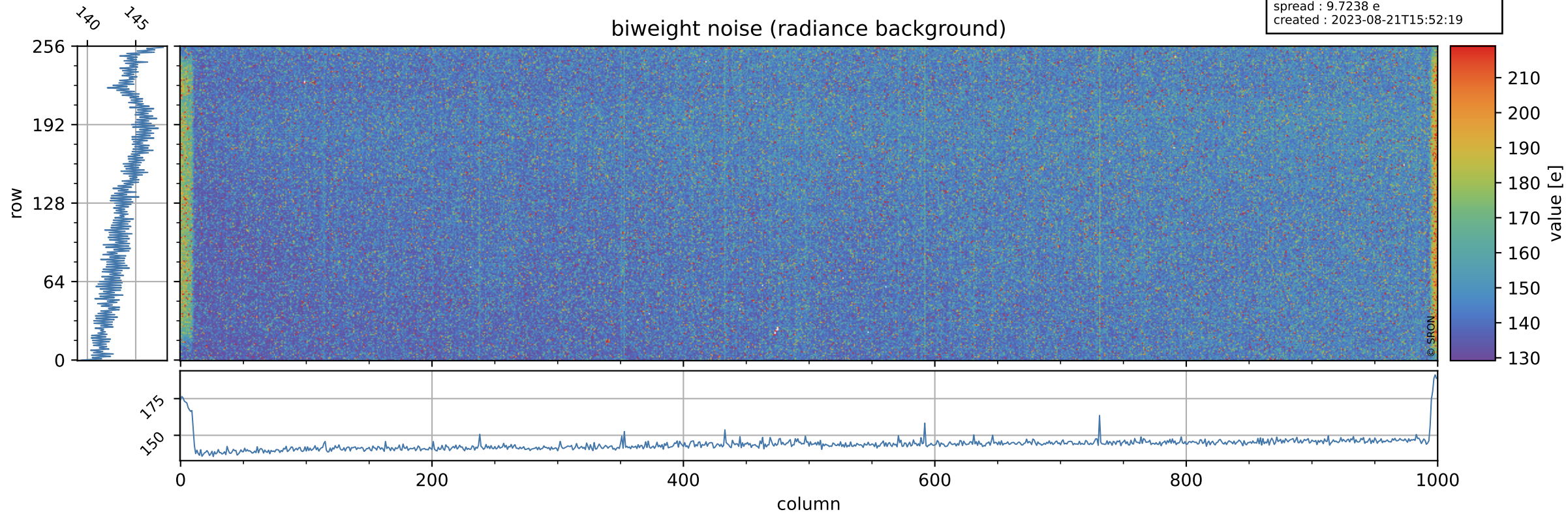
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [17152, 17242]
coverage : 2021-02-03 / 2021-02-09
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7238 e
created : 2023-08-21T15:52:19

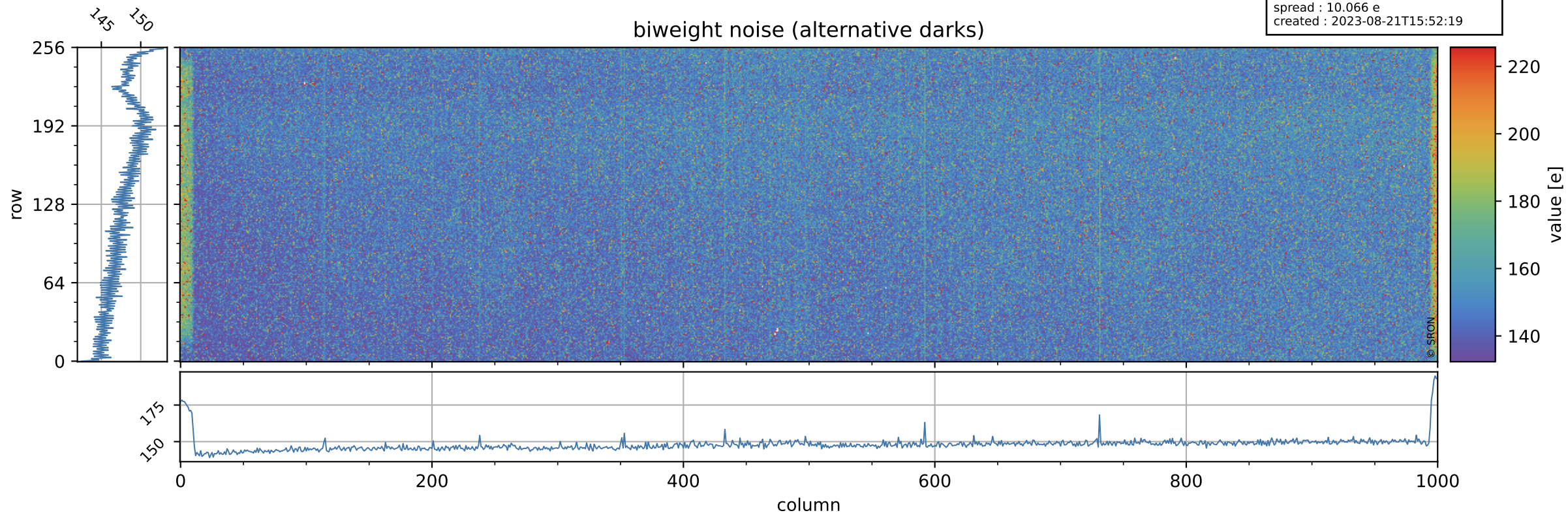
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [17152, 17242]
coverage : 2021-02-03 / 2021-02-09
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.066 e
created : 2023-08-21T15:52:19

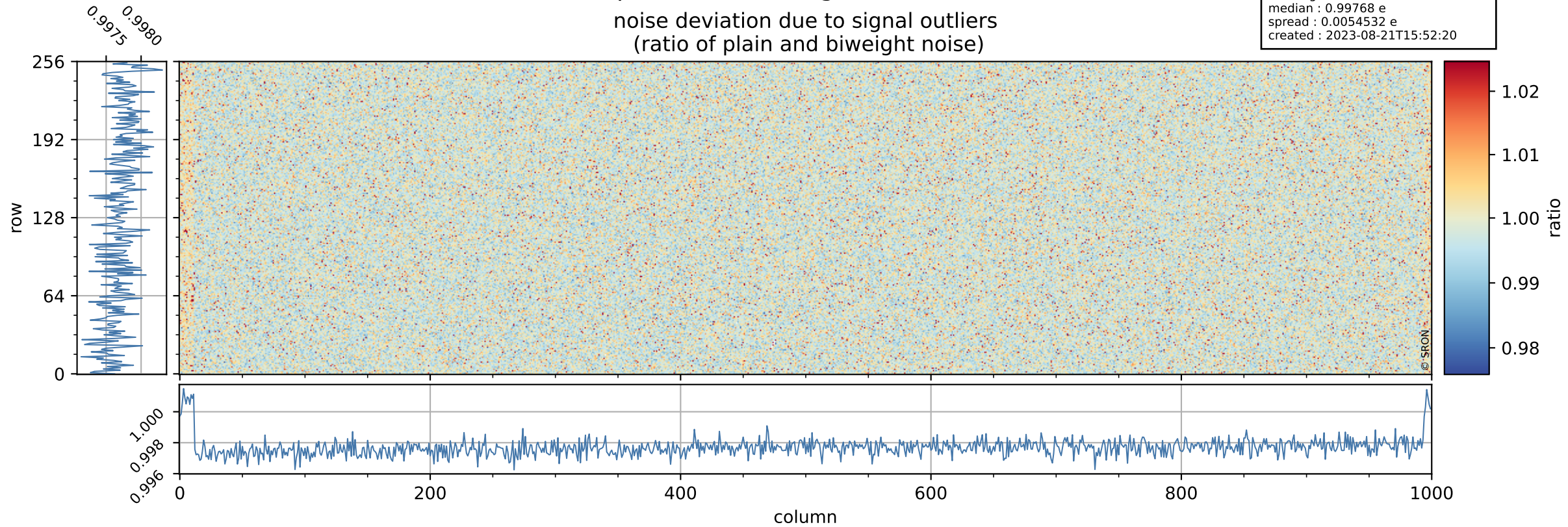
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

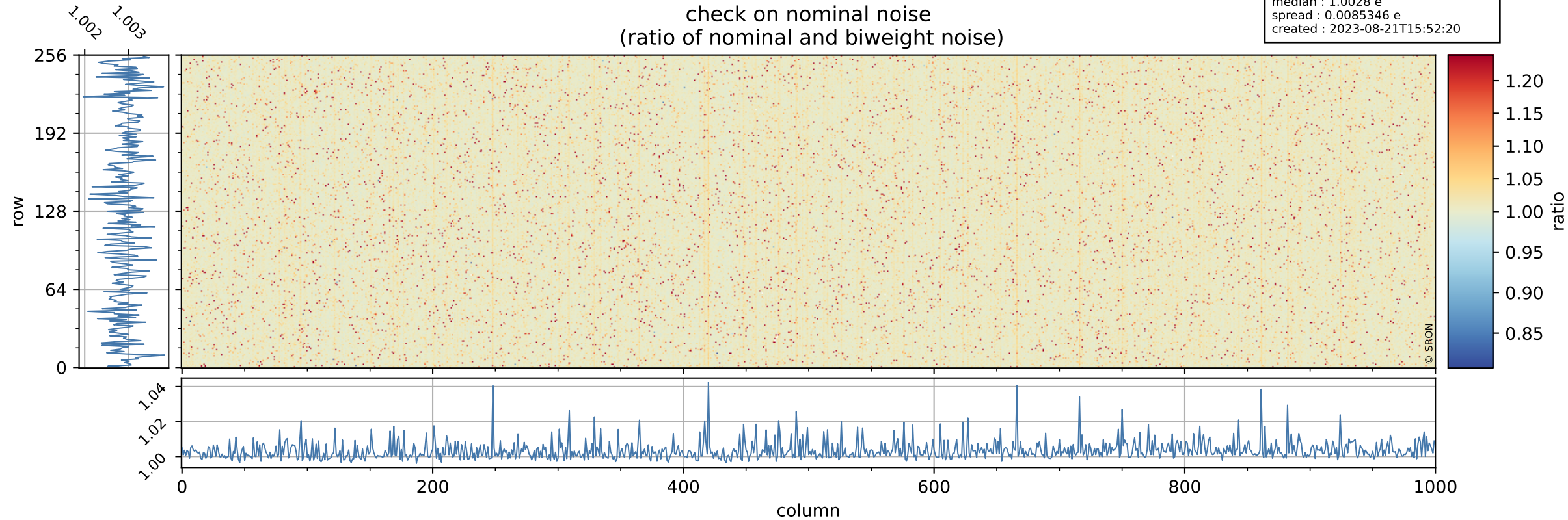
orbits : 13 in [17152, 17242]
coverage : 2021-02-03 / 2021-02-09
median : 0.99768 e
spread : 0.0054532 e
created : 2023-08-21T15:52:20



Tropomi SWIR background noise (swir)

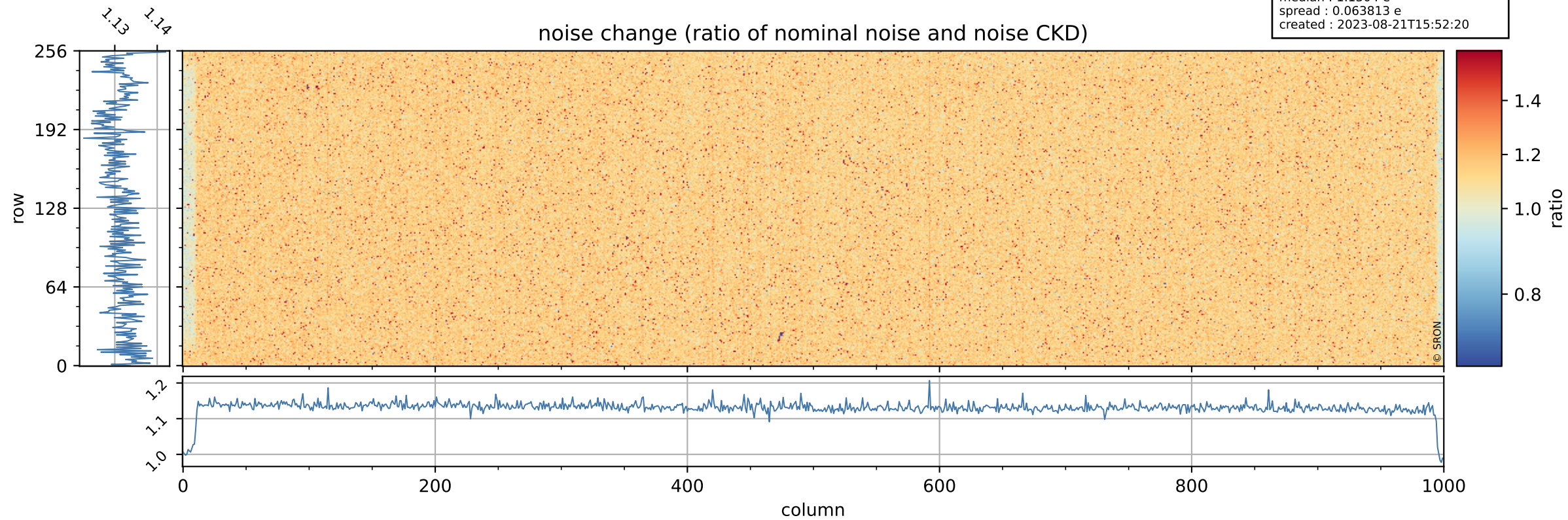
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [17152, 17242]
coverage : 2021-02-03 / 2021-02-09
median : 1.0028 e
spread : 0.0085346 e
created : 2023-08-21T15:52:20



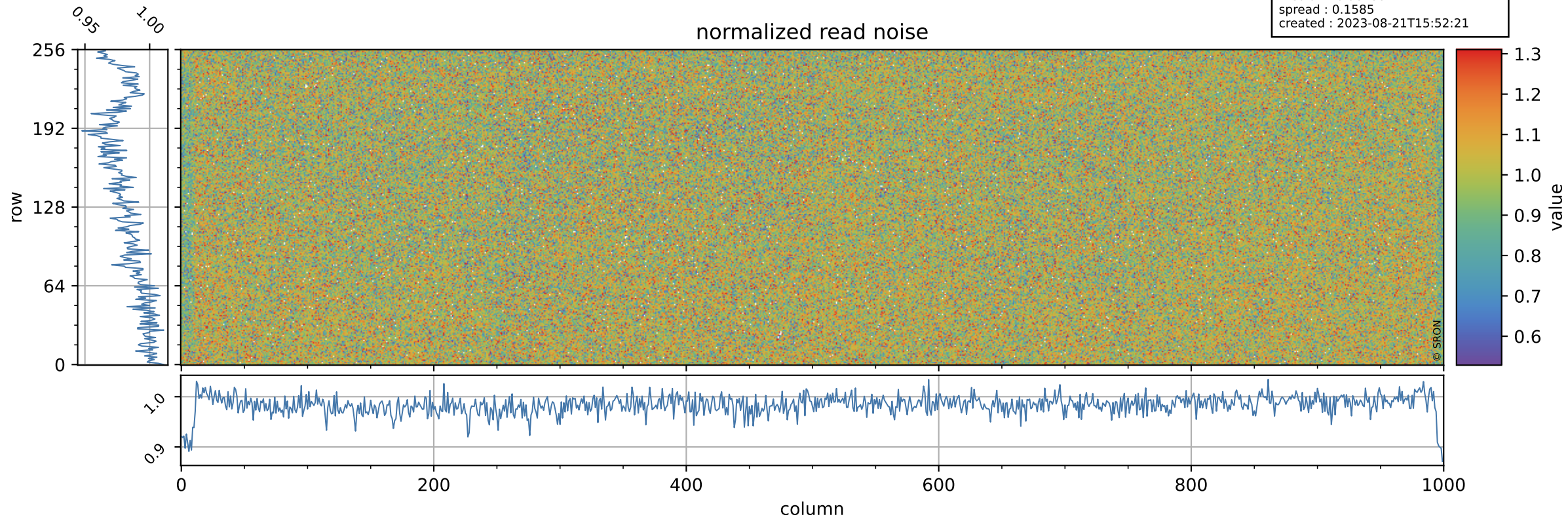
Tropomi SWIR background noise (swir)

orbits : 13 in [17152, 17242]
coverage : 2021-02-03 / 2021-02-09
median : 1.1304 e
spread : 0.063813 e
created : 2023-08-21T15:52:20



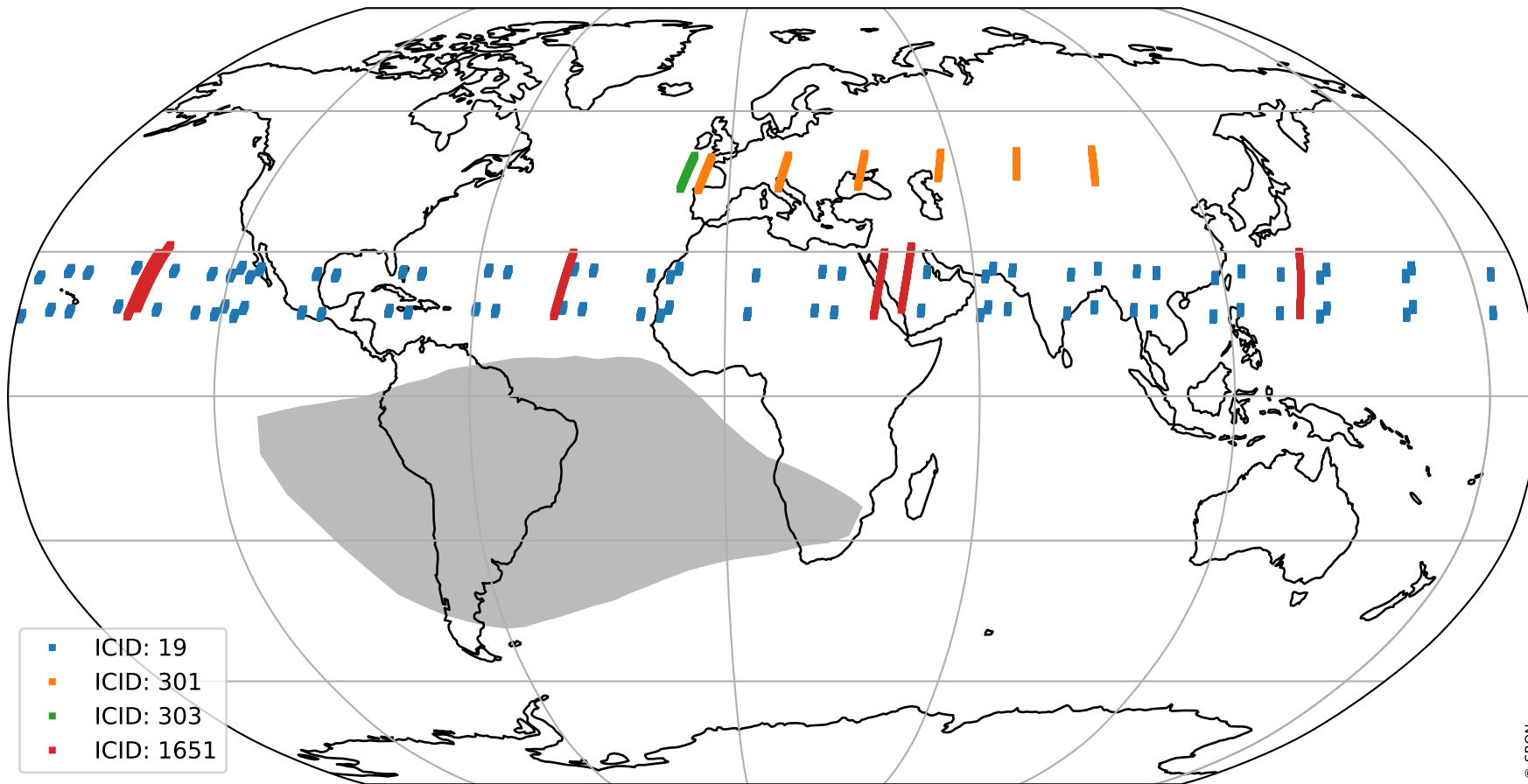
Tropomi SWIR background noise (swir)

orbits : 13 in [17152, 17242]
coverage : 2021-02-03 / 2021-02-09
median : 0.98239
spread : 0.1585
created : 2023-08-21T15:52:21



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

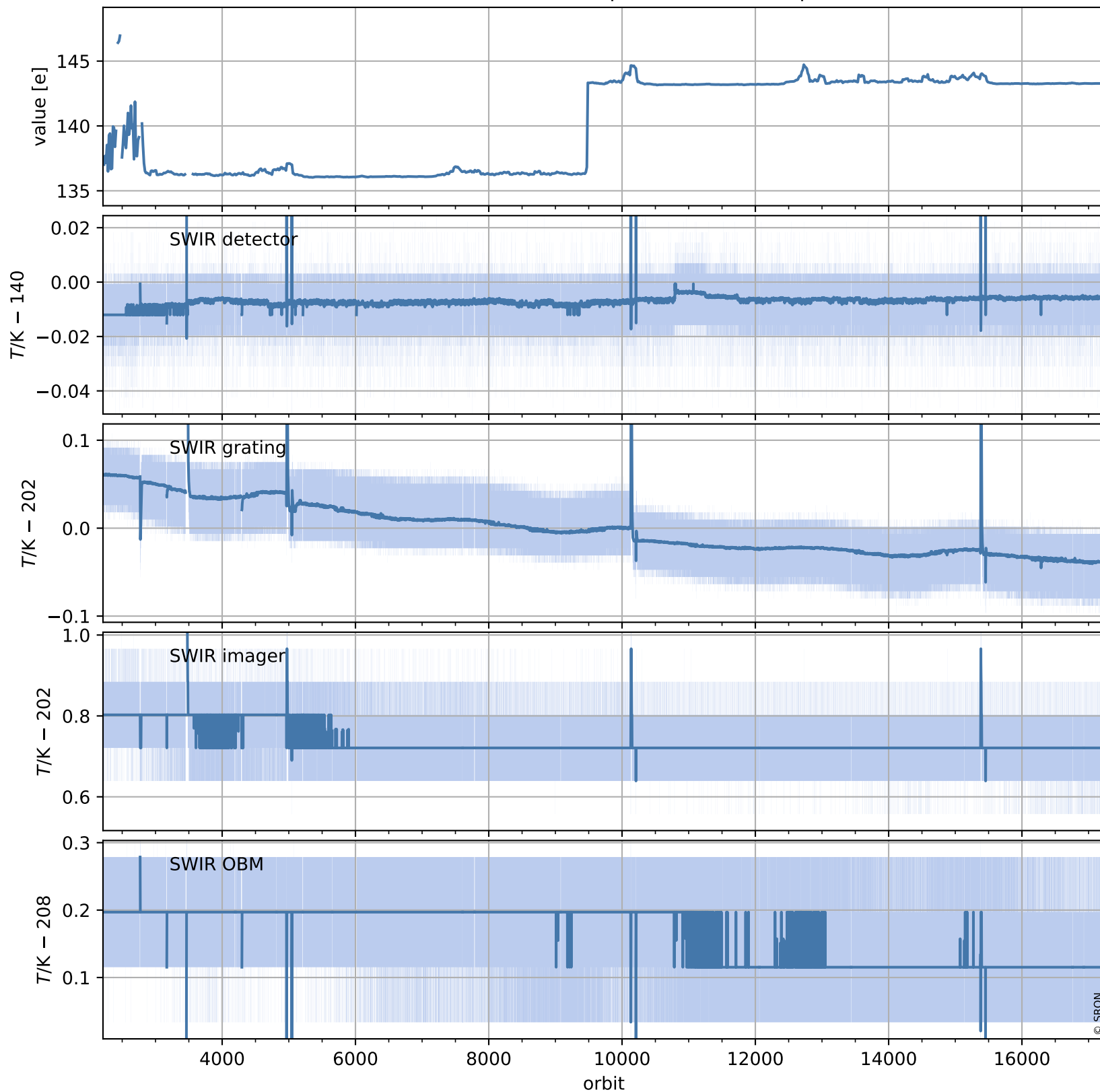
orbits : 13 in [17152, 17242]
coverage : 2021-02-03 / 2021-02-09
created : 2023-08-21T15:52:21



Tropomi SWIR background noise (swir)

orbits : [2212, 17242]
coverage : 2018-03-18 / 2021-02-09
created : 2023-08-21T15:52:21

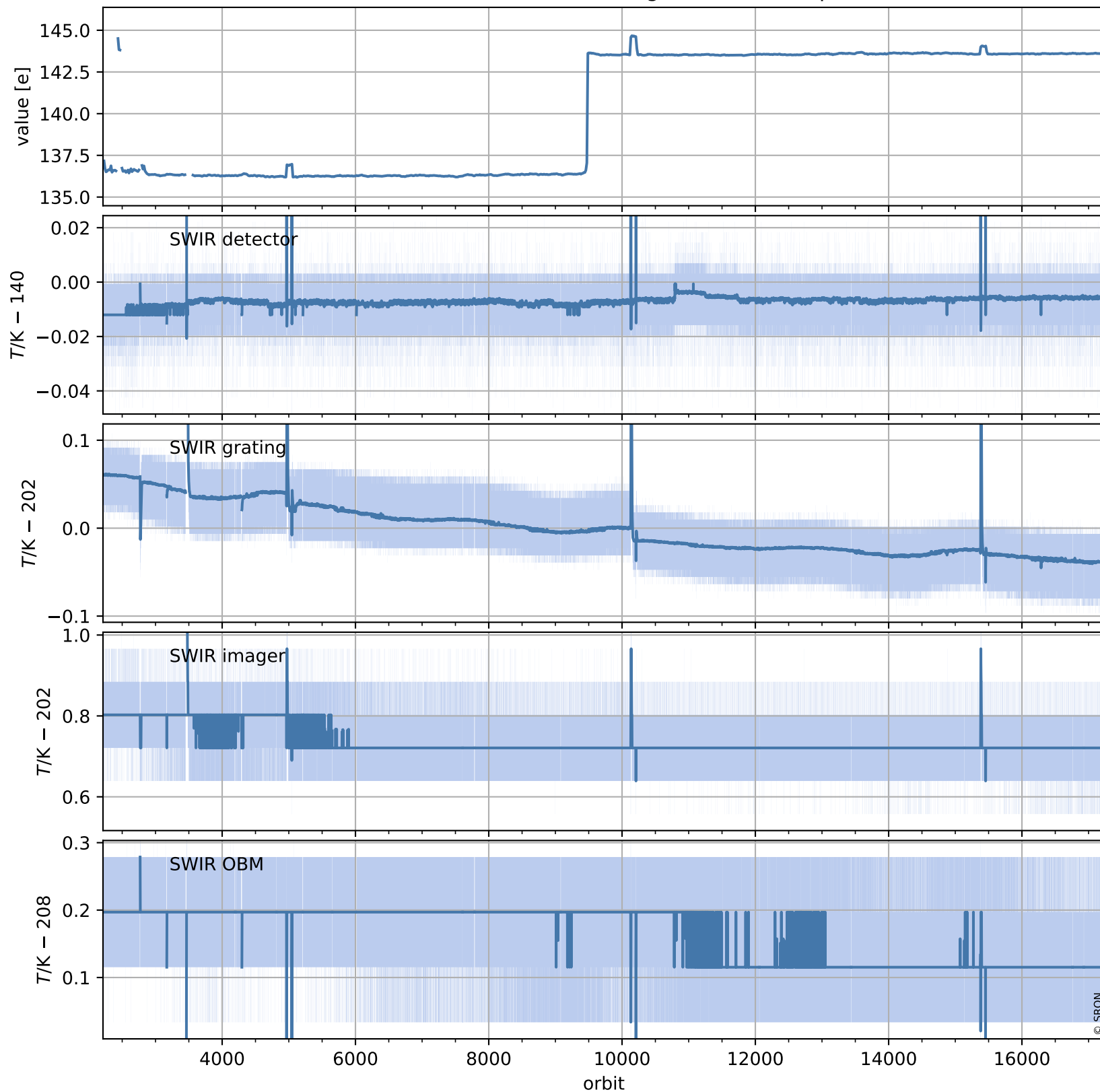
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17242]
coverage : 2018-03-18 / 2021-02-09
created : 2023-08-21T15:52:22

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17242]
coverage : 2018-03-18 / 2021-02-09
created : 2023-08-21T15:52:23

trend of normalized read-noise & temperatures

