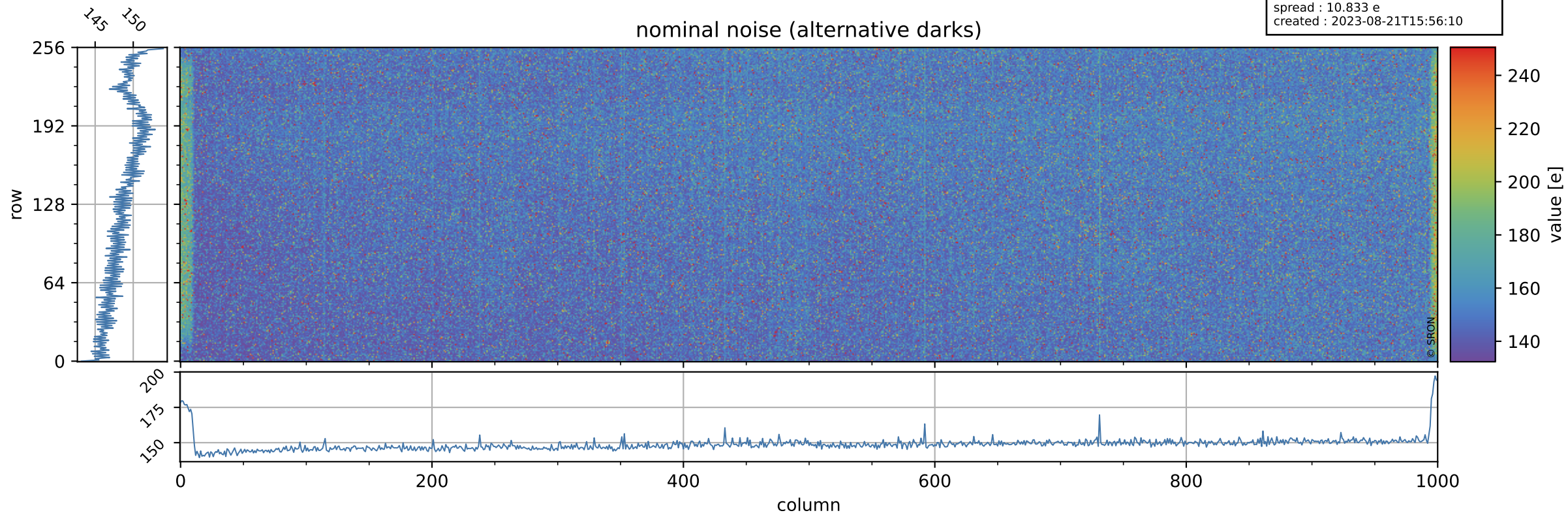


Tropomi SWIR background noise (swir)

orbits : 12 in [17812, 17902]
coverage : 2021-03-22 / 2021-03-27
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.833 e
created : 2023-08-21T15:56:10

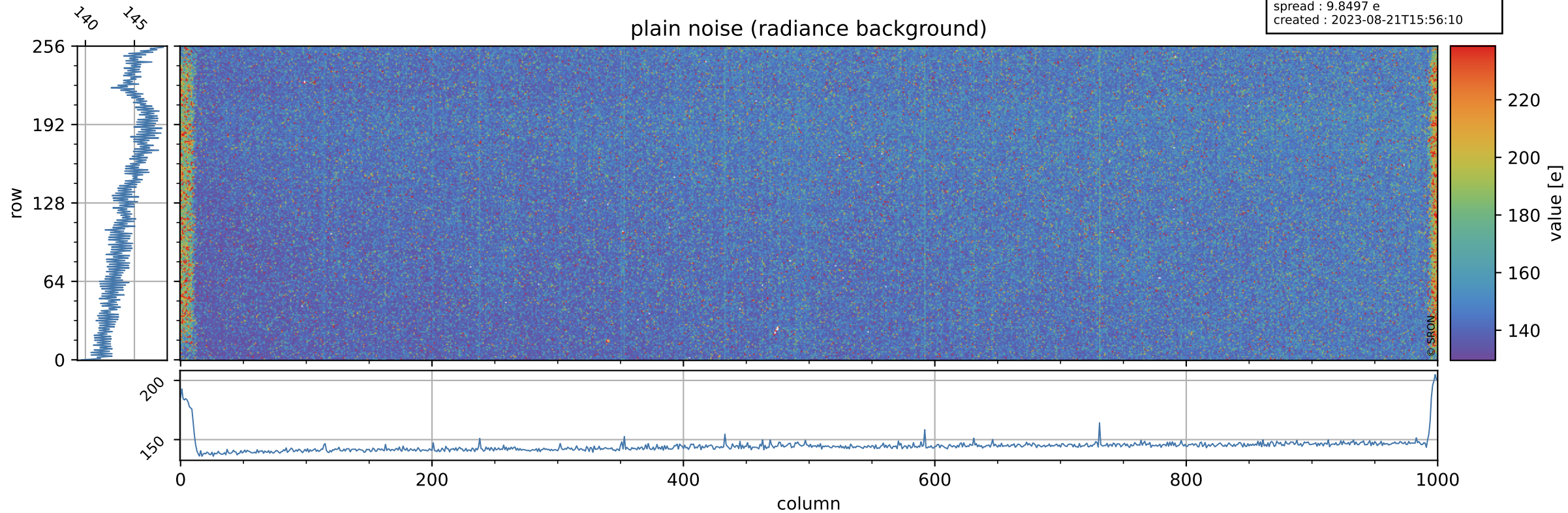
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17812, 17902]
coverage : 2021-03-22 / 2021-03-27
n_coad, t_exp : 1, 0.8383
median : 144.1 e
spread : 9.8497 e
created : 2023-08-21T15:56:10

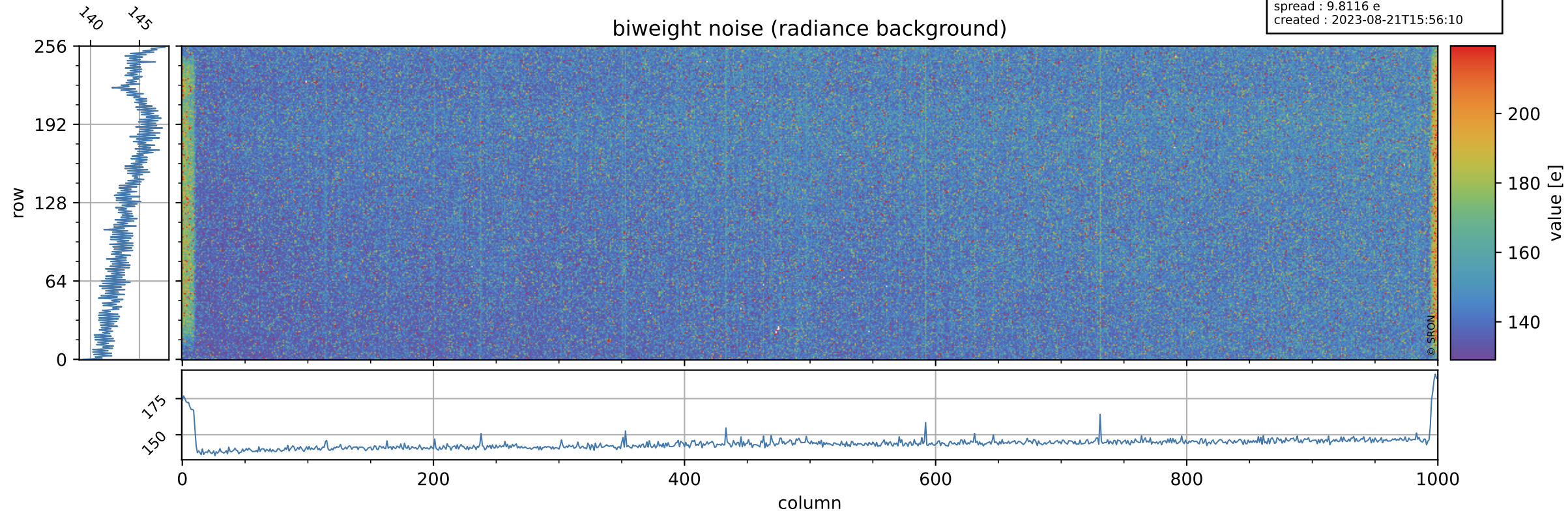
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17812, 17902]
coverage : 2021-03-22 / 2021-03-27
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.8116 e
created : 2023-08-21T15:56:10

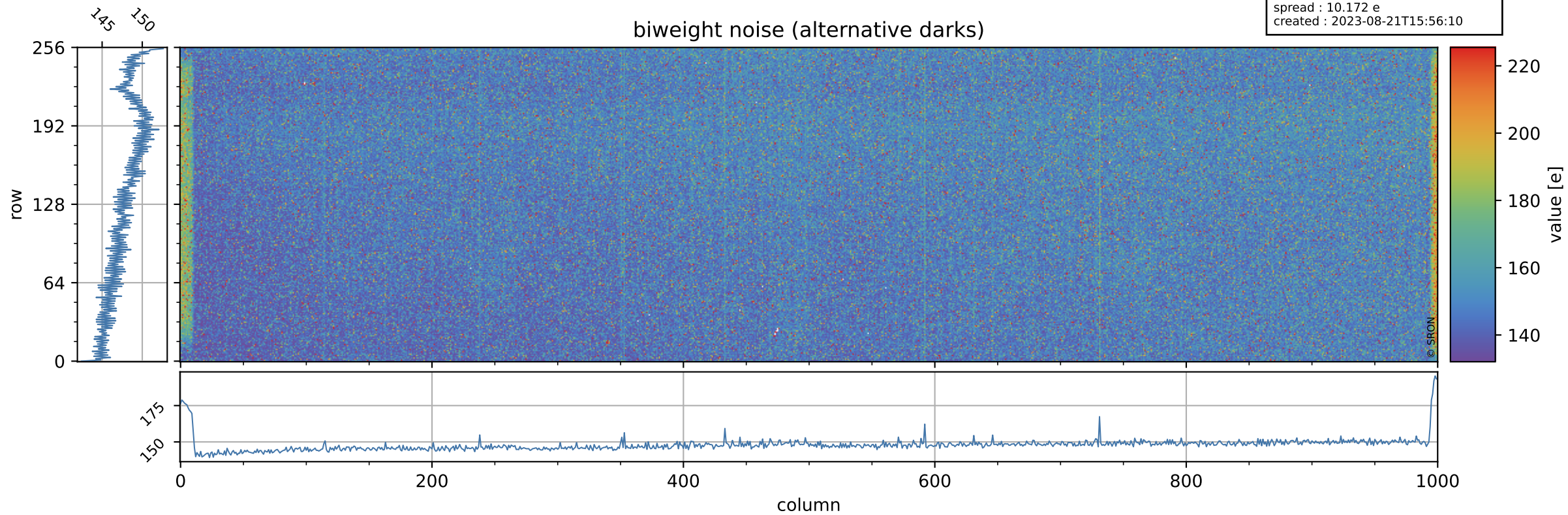
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17812, 17902]
coverage : 2021-03-22 / 2021-03-27
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.172 e
created : 2023-08-21T15:56:10

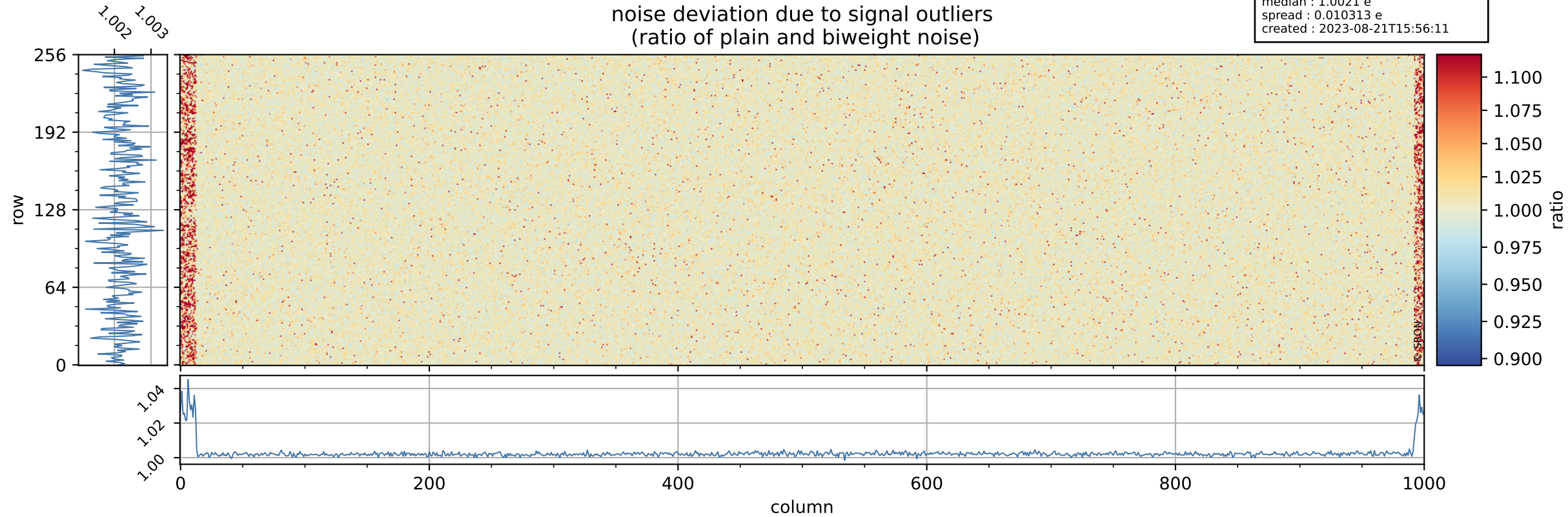
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

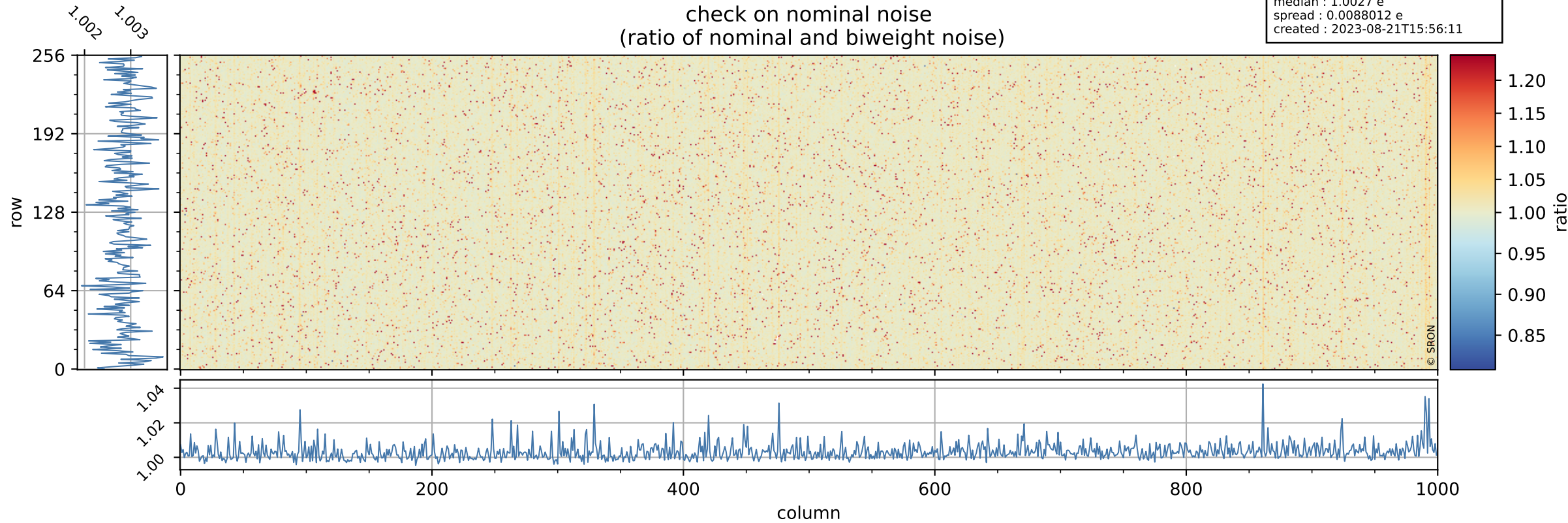
orbits : 12 in [17812, 17902]
coverage : 2021-03-22 / 2021-03-27
median : 1.0021 e
spread : 0.010313 e
created : 2023-08-21T15:56:11



Tropomi SWIR background noise (swir)

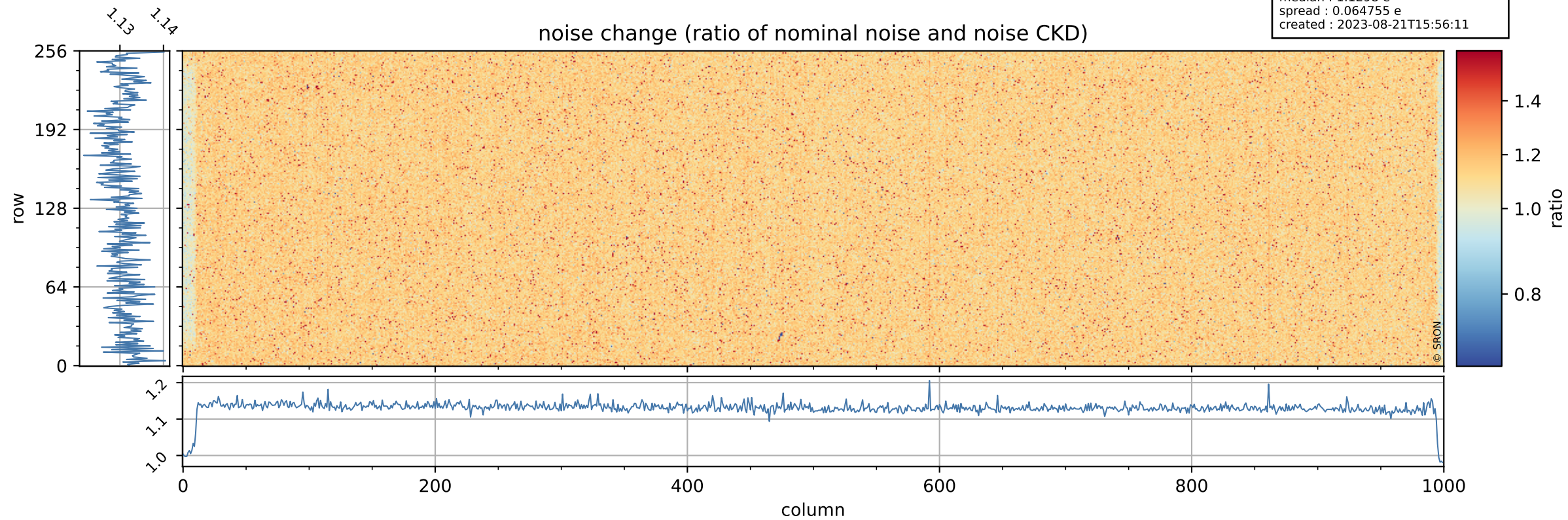
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17812, 17902]
coverage : 2021-03-22 / 2021-03-27
median : 1.0027 e
spread : 0.0088012 e
created : 2023-08-21T15:56:11



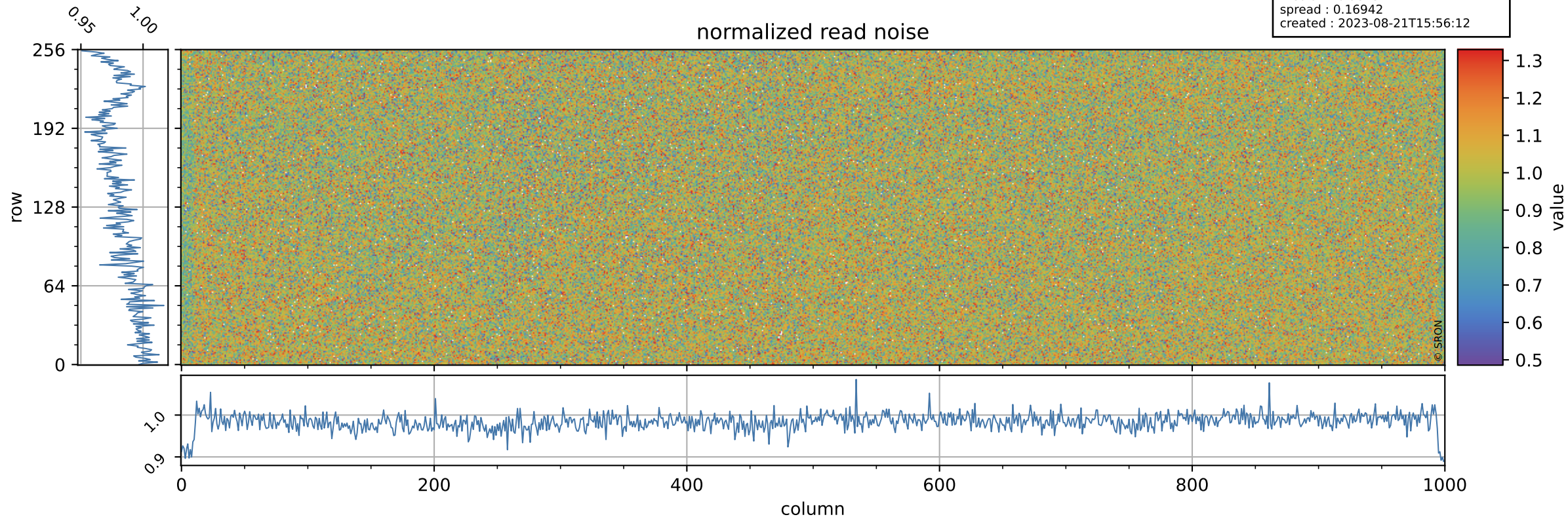
Tropomi SWIR background noise (swir)

orbits : 12 in [17812, 17902]
coverage : 2021-03-22 / 2021-03-27
median : 1.1298 e
spread : 0.064755 e
created : 2023-08-21T15:56:11



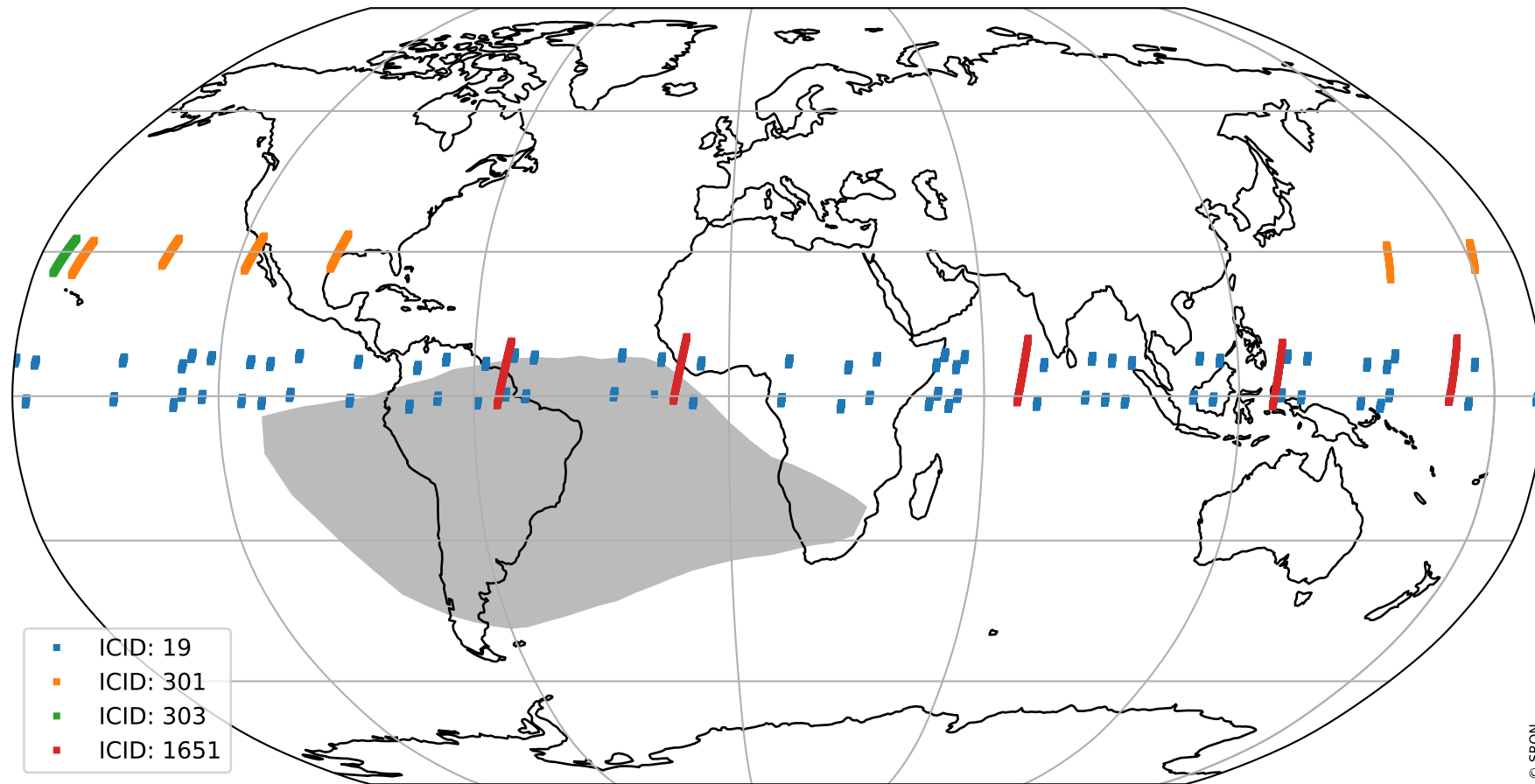
Tropomi SWIR background noise (swir)

orbits : 12 in [17812, 17902]
coverage : 2021-03-22 / 2021-03-27
median : 0.98251
spread : 0.16942
created : 2023-08-21T15:56:12



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

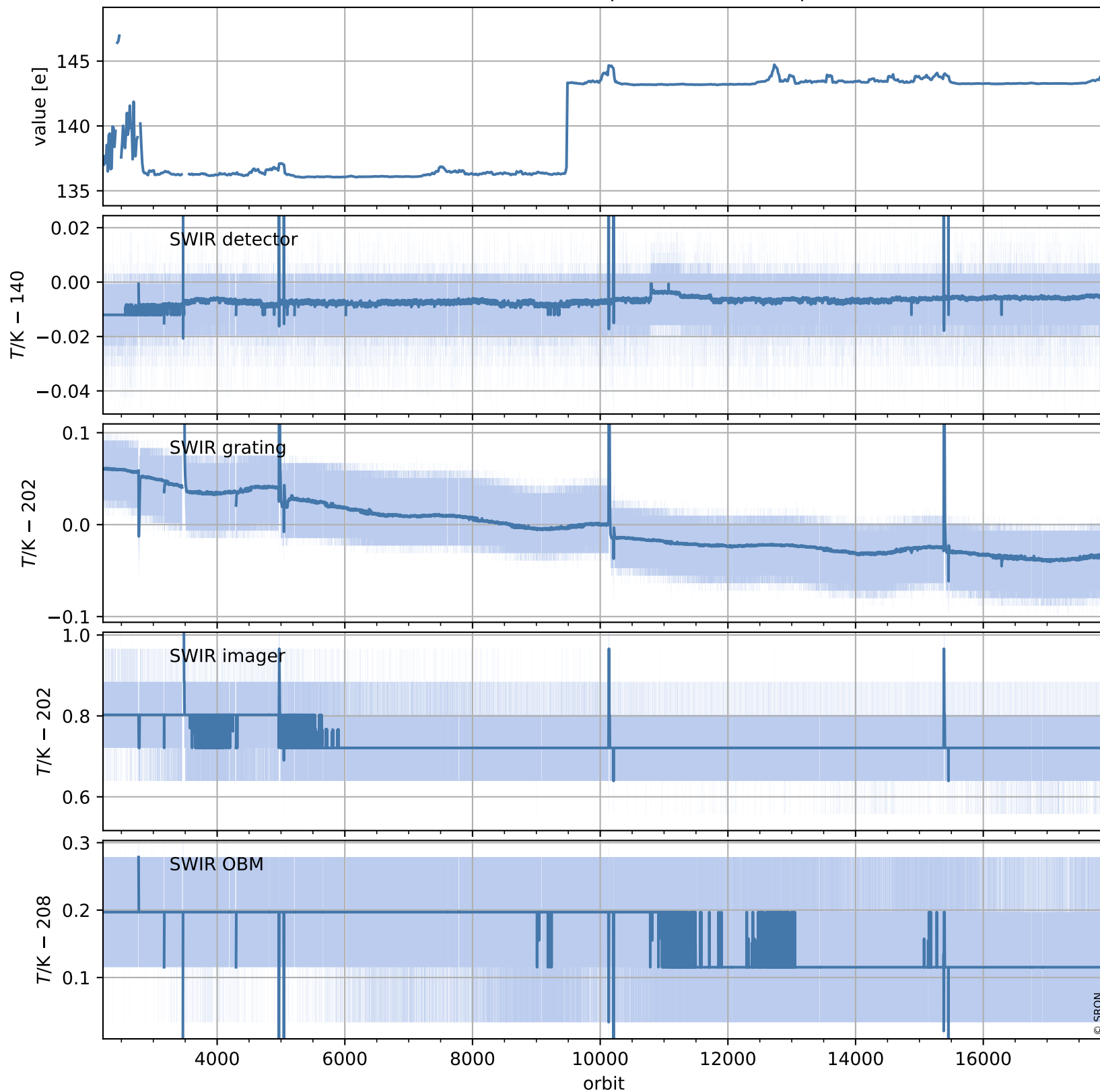
orbits : 12 in [17812, 17902]
coverage : 2021-03-22 / 2021-03-27
created : 2023-08-21T15:56:12



Tropomi SWIR background noise (swir)

orbits : [2212, 17902]
coverage : 2018-03-18 / 2021-03-27
created : 2023-08-21T15:56:12

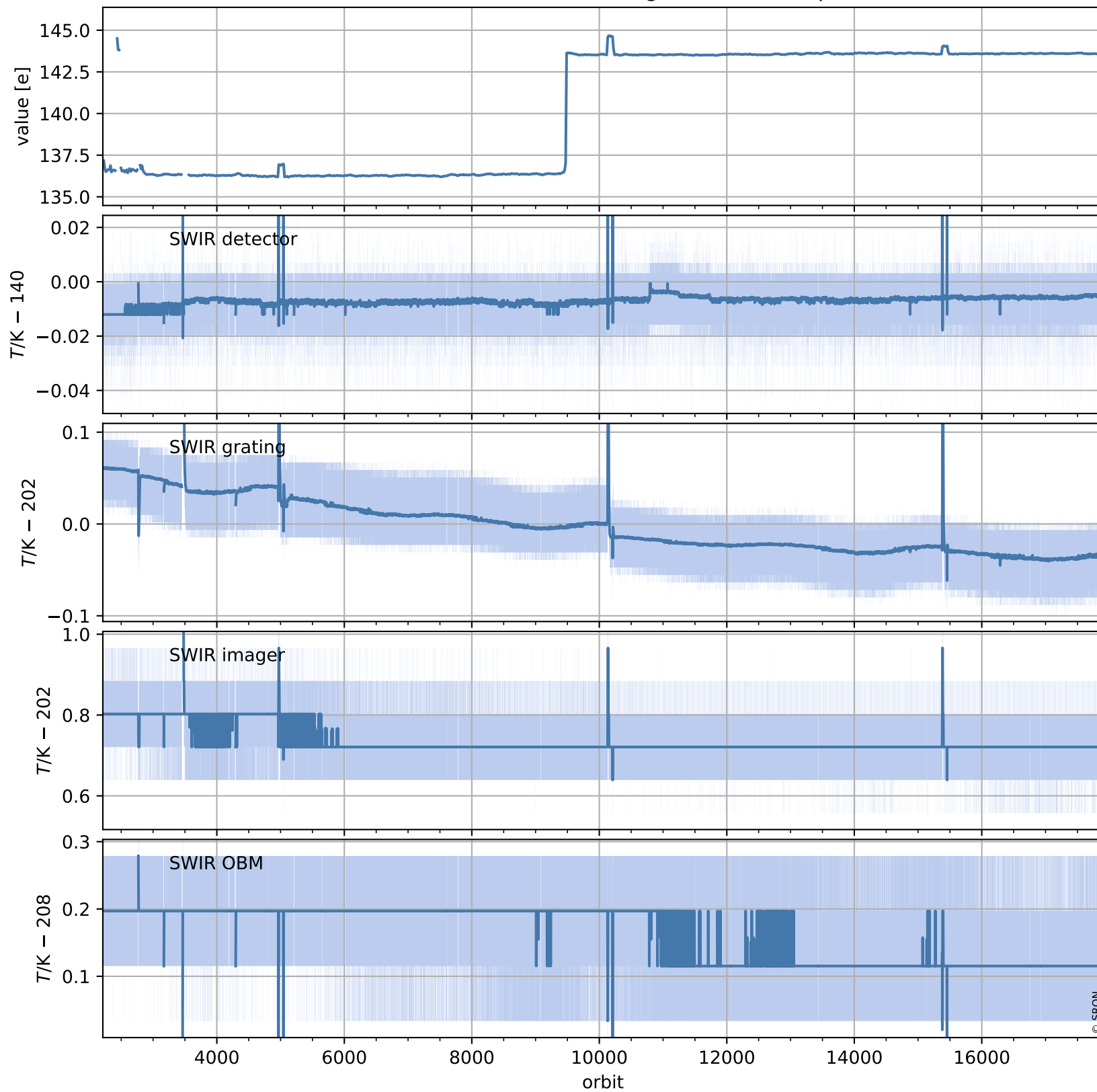
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17902]
coverage : 2018-03-18 / 2021-03-27
created : 2023-08-21T15:56:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17902]
coverage : 2018-03-18 / 2021-03-27
created : 2023-08-21T15:56:14

trend of normalized read-noise & temperatures

