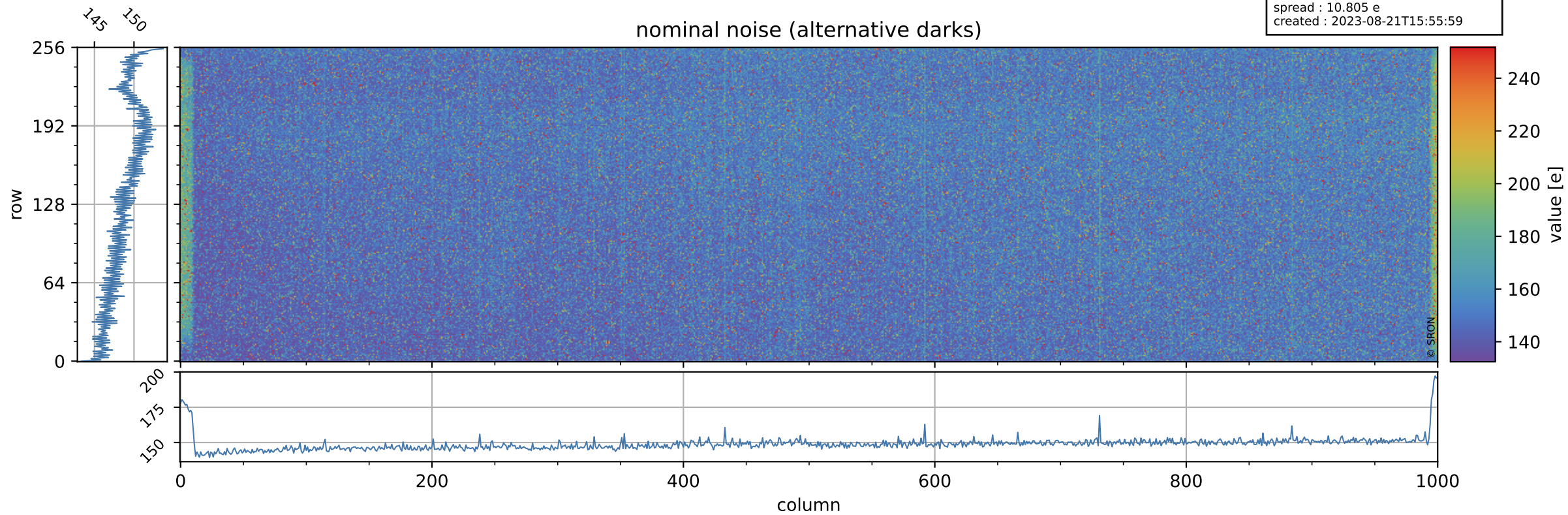


Tropomi SWIR background noise (swir)

orbits : 12 in [17782, 17872]
coverage : 2021-03-20 / 2021-03-25
n_coad, t_exp : 1, 1.0783
median : 148.67 e
spread : 10.805 e
created : 2023-08-21T15:55:59

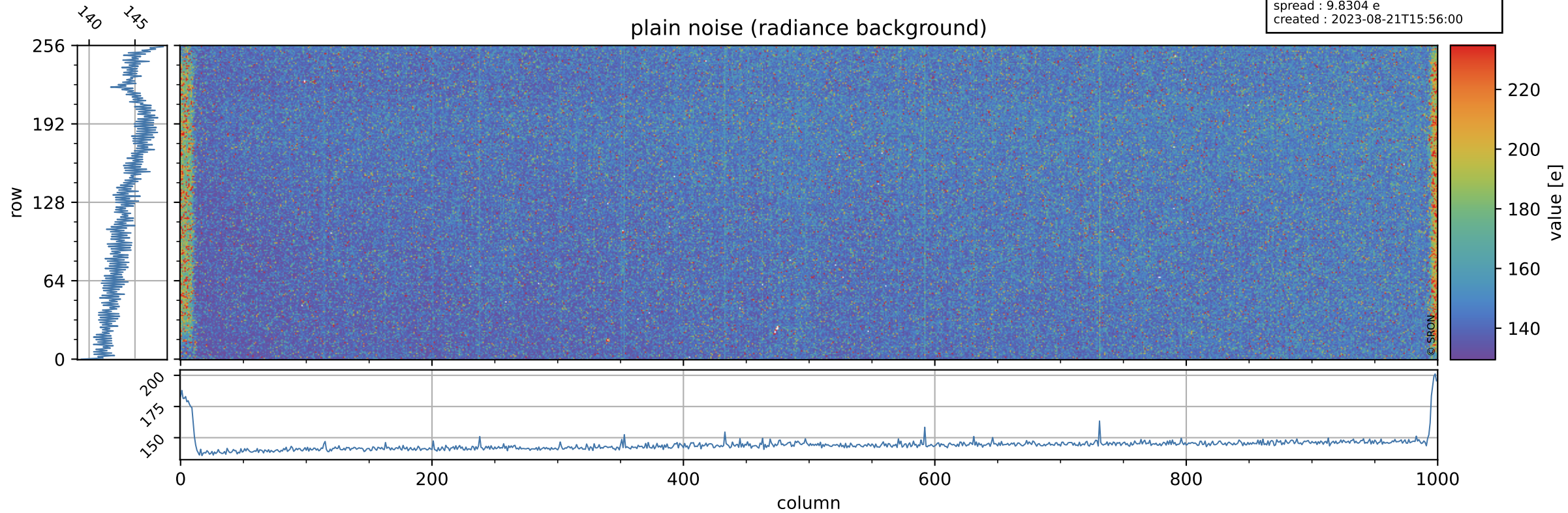
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17782, 17872]
coverage : 2021-03-20 / 2021-03-25
n_coad, t_exp : 1, 0.8383
median : 143.95 e
spread : 9.8304 e
created : 2023-08-21T15:56:00

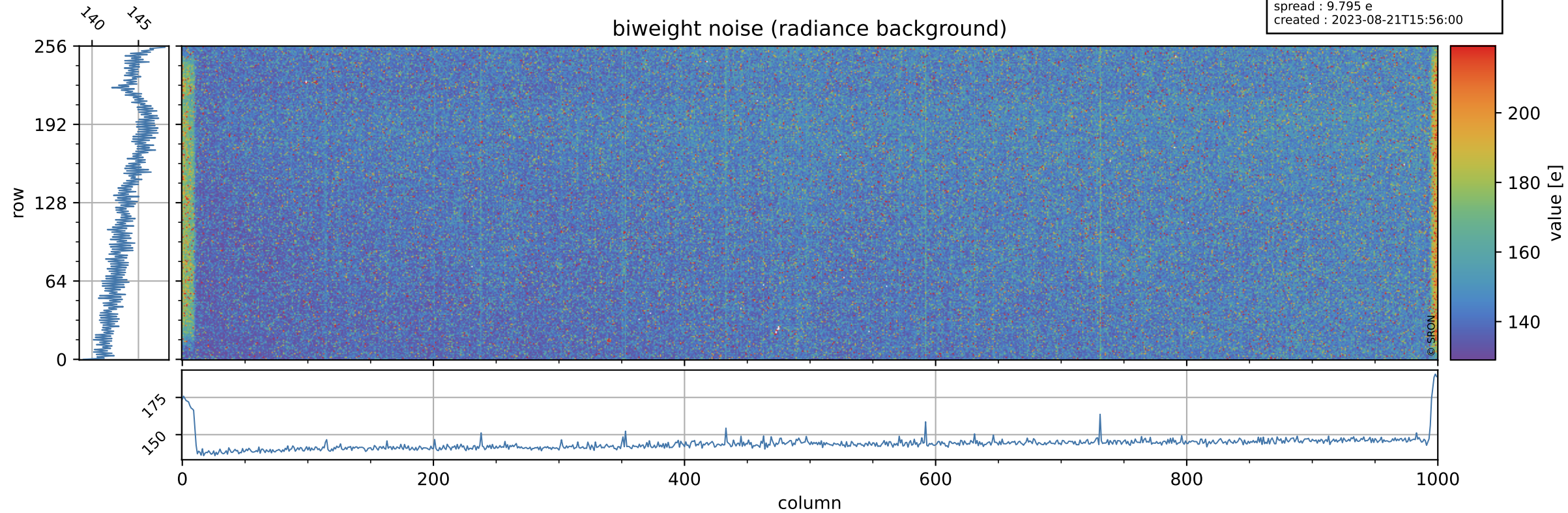
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17782, 17872]
coverage : 2021-03-20 / 2021-03-25
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.795 e
created : 2023-08-21T15:56:00

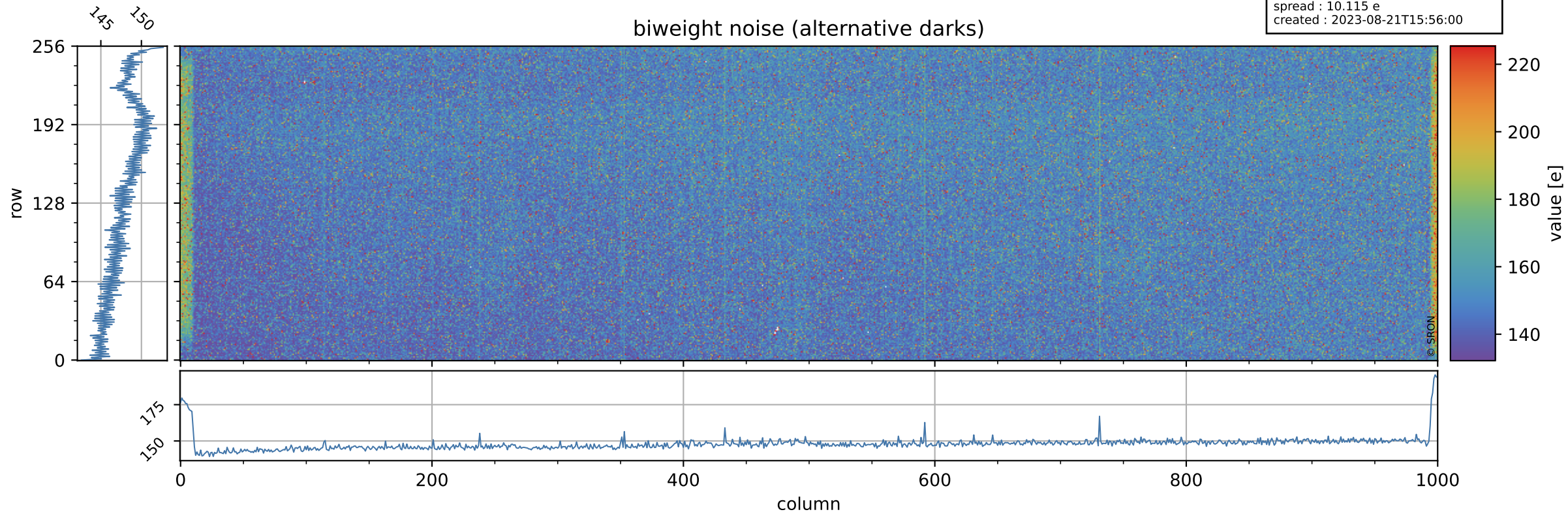
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17782, 17872]
coverage : 2021-03-20 / 2021-03-25
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.115 e
created : 2023-08-21T15:56:00

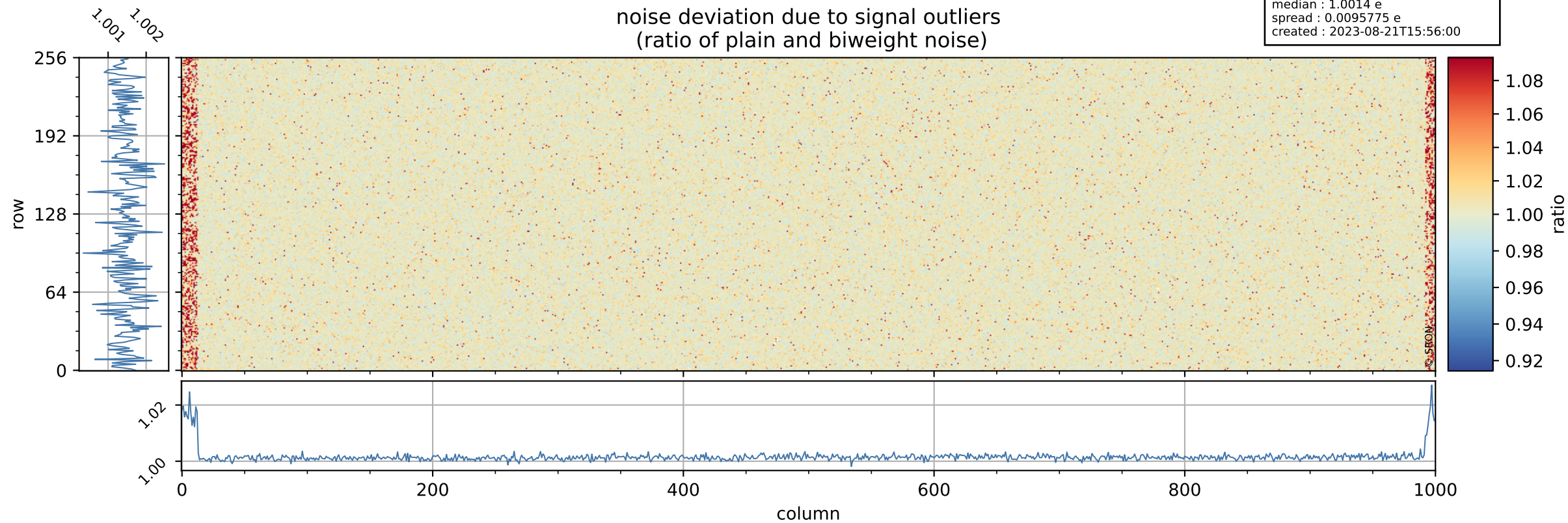
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

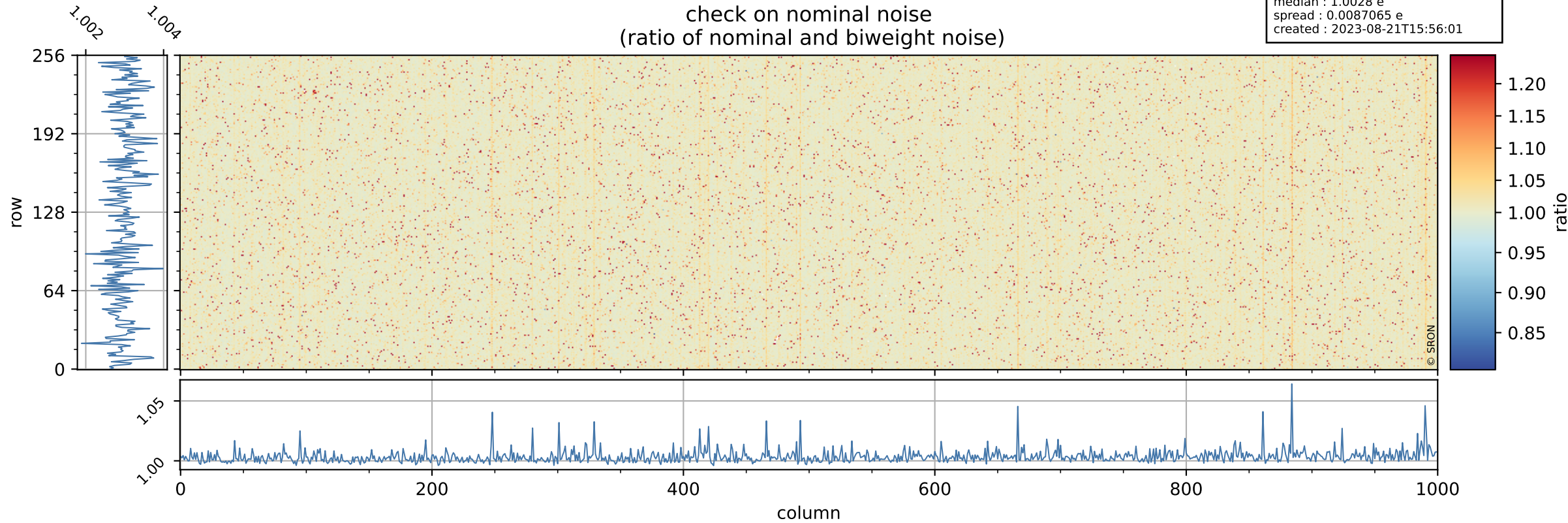
orbits : 12 in [17782, 17872]
coverage : 2021-03-20 / 2021-03-25
median : 1.0014 e
spread : 0.0095775 e
created : 2023-08-21T15:56:00



Tropomi SWIR background noise (swir)

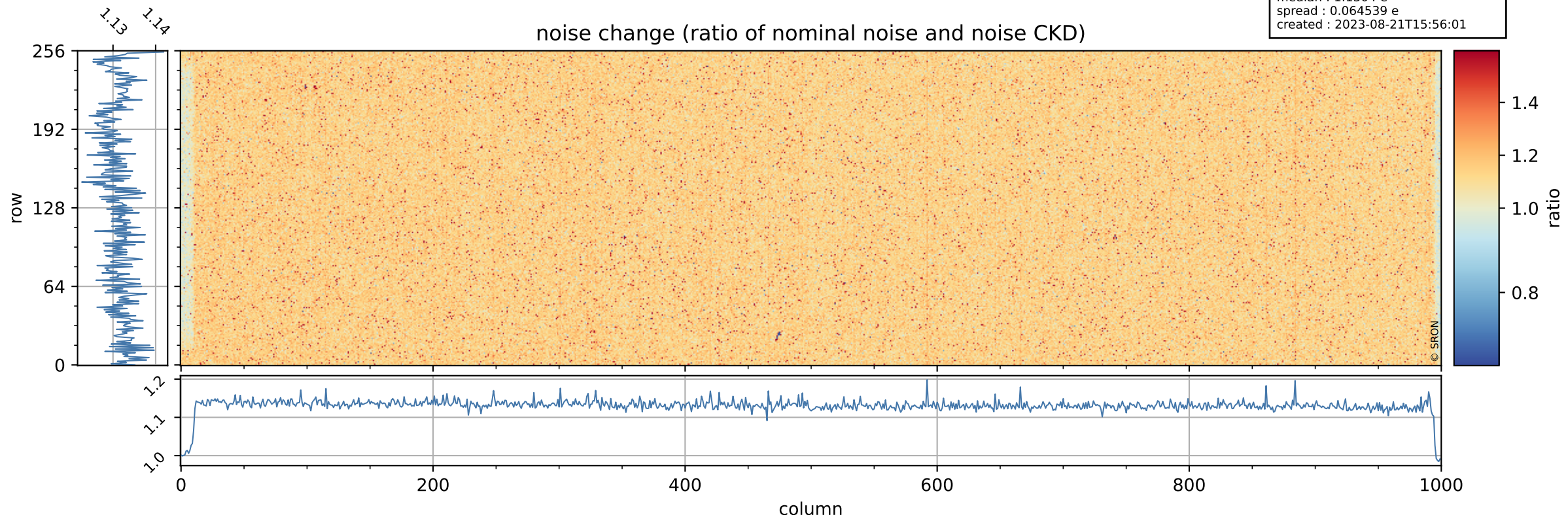
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17782, 17872]
coverage : 2021-03-20 / 2021-03-25
median : 1.0028 e
spread : 0.0087065 e
created : 2023-08-21T15:56:01



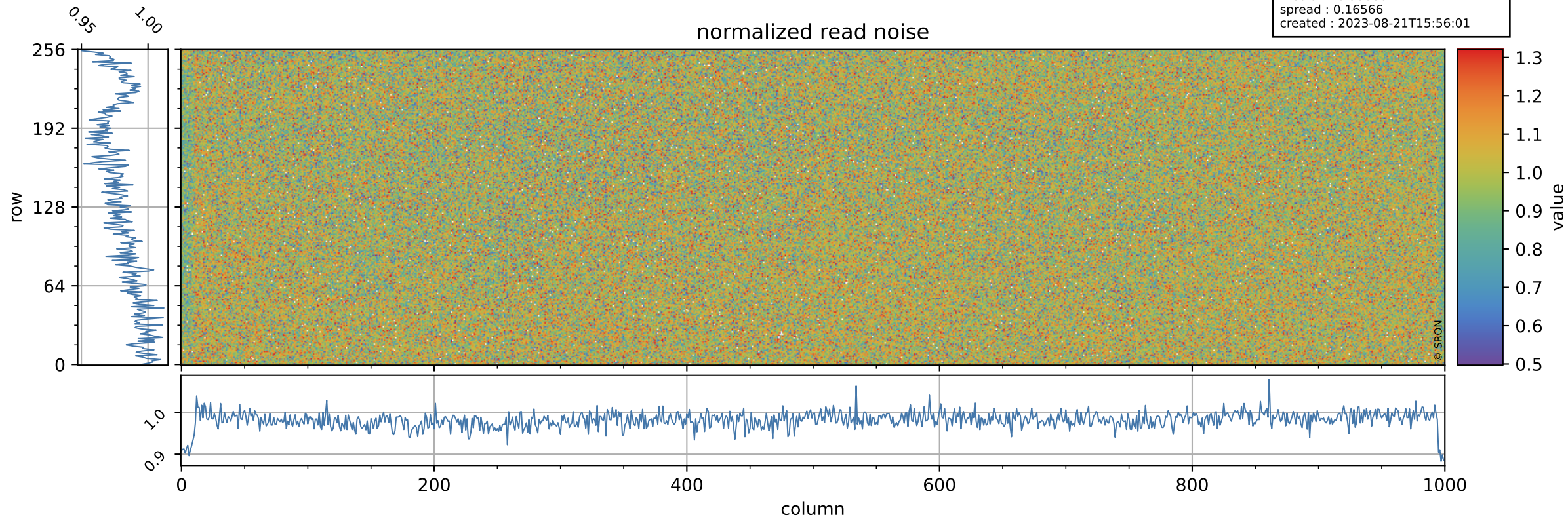
Tropomi SWIR background noise (swir)

orbits : 12 in [17782, 17872]
coverage : 2021-03-20 / 2021-03-25
median : 1.1304 e
spread : 0.064539 e
created : 2023-08-21T15:56:01



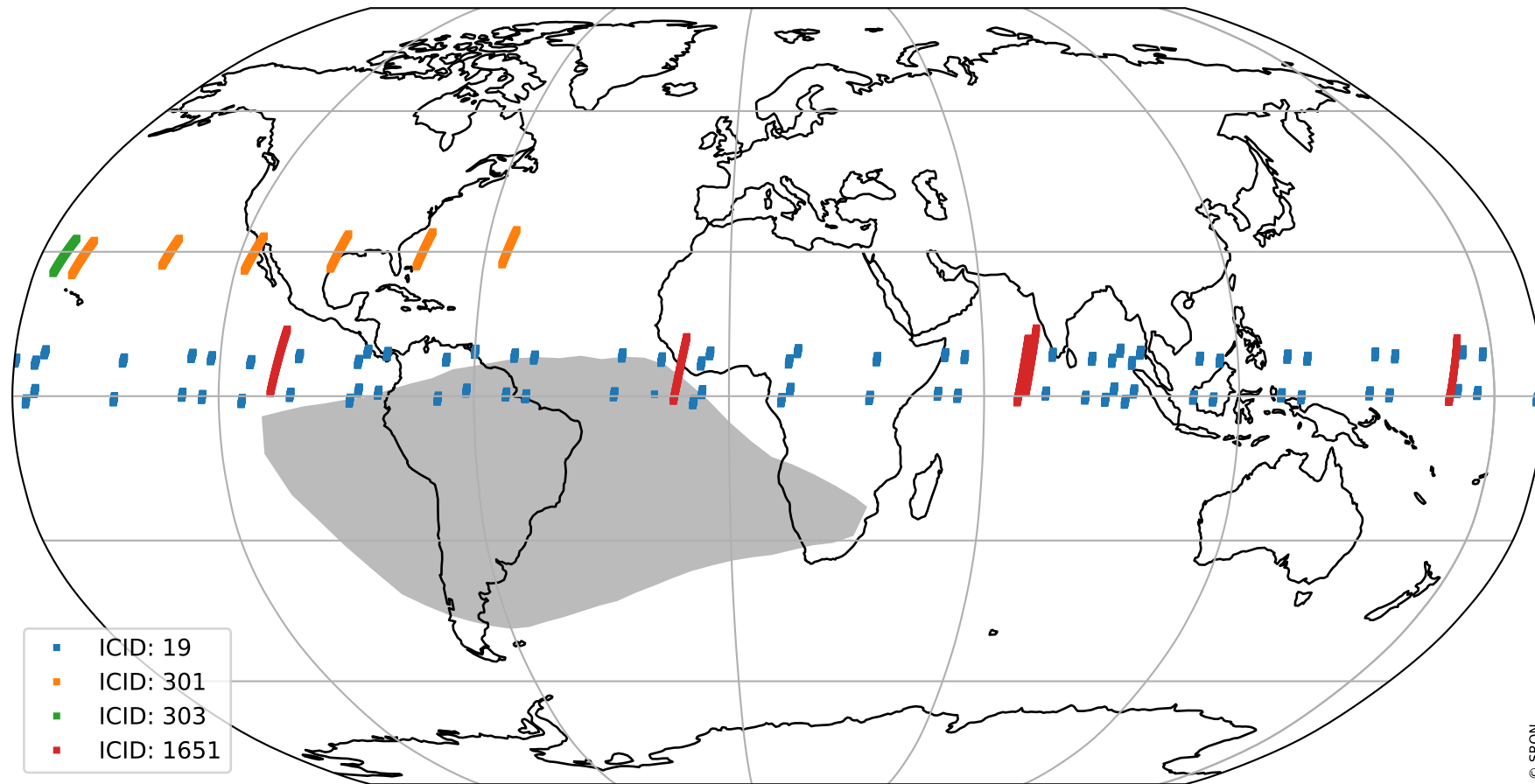
Tropomi SWIR background noise (swir)

orbits : 12 in [17782, 17872]
coverage : 2021-03-20 / 2021-03-25
median : 0.98086
spread : 0.16566
created : 2023-08-21T15:56:01



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

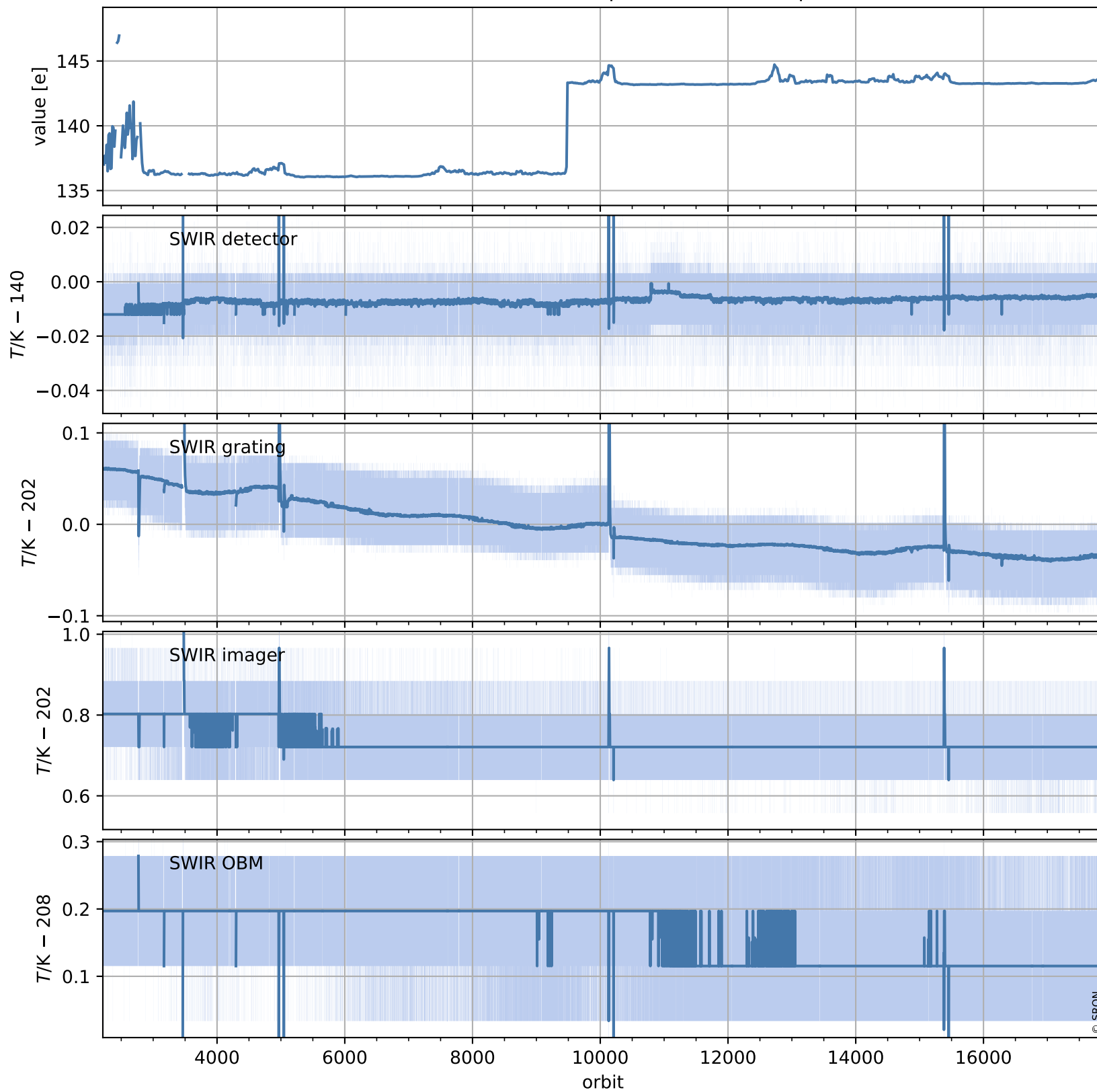
orbits : 12 in [17782, 17872]
coverage : 2021-03-20 / 2021-03-25
created : 2023-08-21T15:56:01



Tropomi SWIR background noise (swir)

orbits : [2212, 17872]
coverage : 2018-03-18 / 2021-03-25
created : 2023-08-21T15:56:02

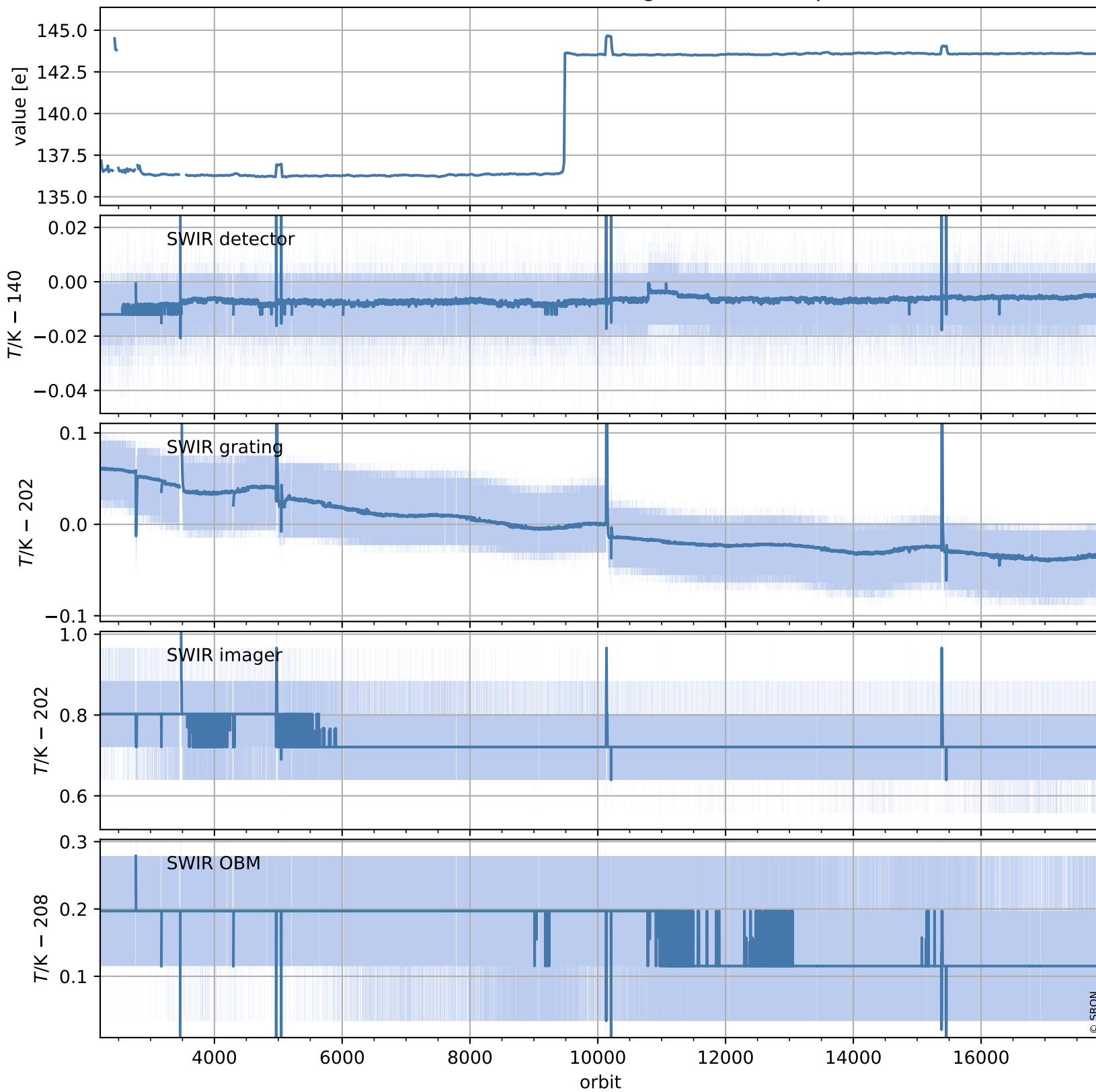
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17872]
coverage : 2018-03-18 / 2021-03-25
created : 2023-08-21T15:56:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17872]
coverage : 2018-03-18 / 2021-03-25
created : 2023-08-21T15:56:03

trend of normalized read-noise & temperatures

