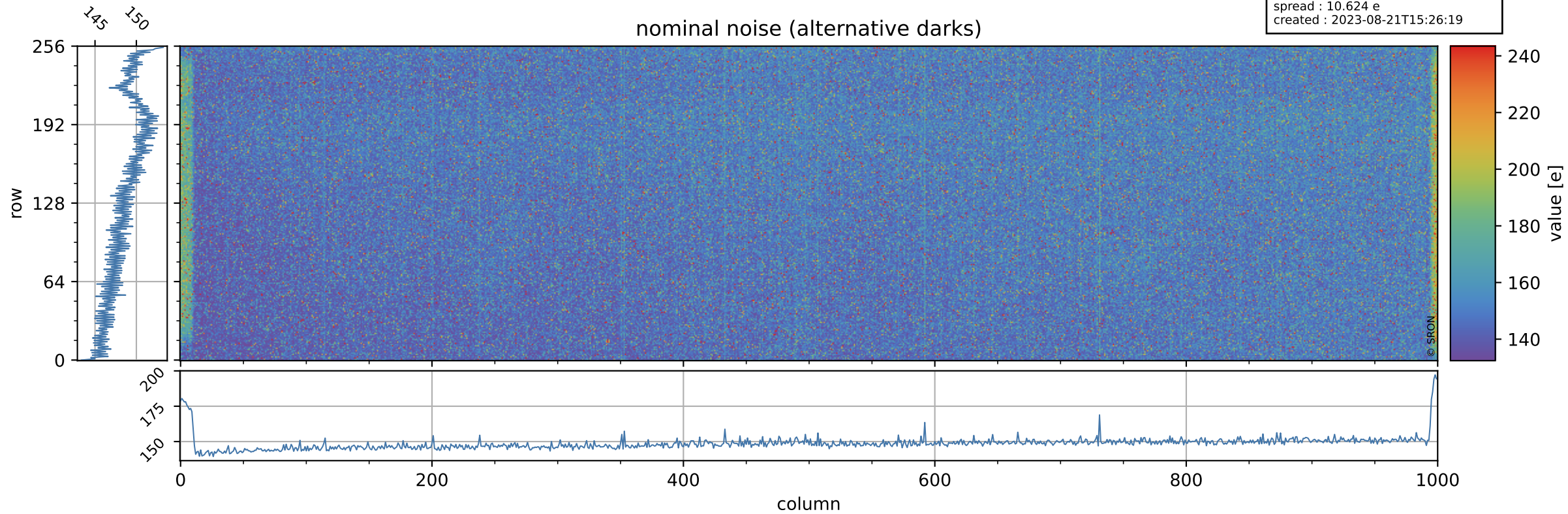


Tropomi SWIR background noise (swir)

orbits : 12 in [12457, 12547]
coverage : 2020-03-09 / 2020-03-15
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.624 e
created : 2023-08-21T15:26:19

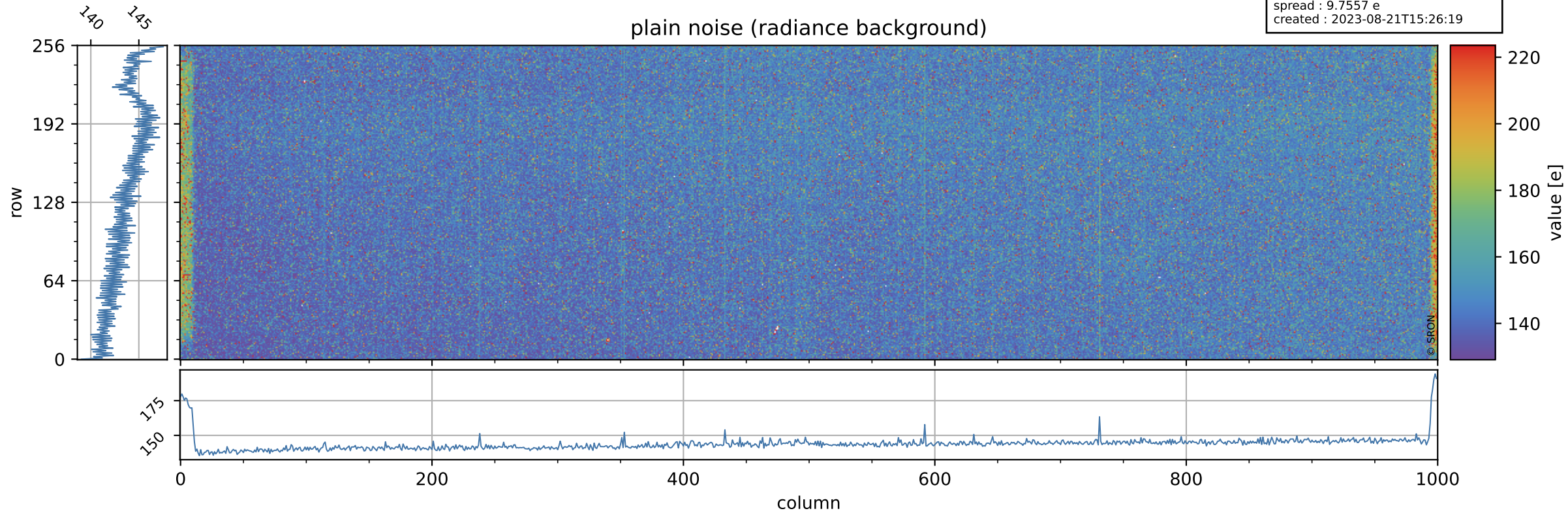
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12457, 12547]
coverage : 2020-03-09 / 2020-03-15
n_coad, t_exp : 1, 0.8383
median : 143.57 e
spread : 9.7557 e
created : 2023-08-21T15:26:19

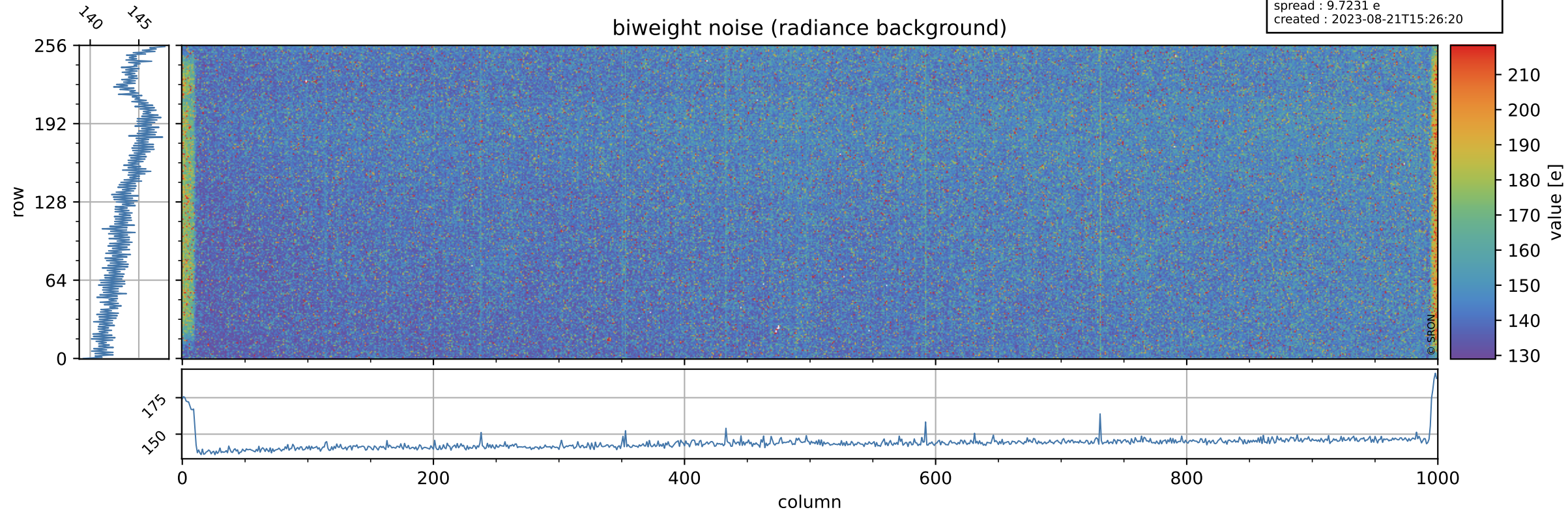
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12457, 12547]
coverage : 2020-03-09 / 2020-03-15
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.7231 e
created : 2023-08-21T15:26:20

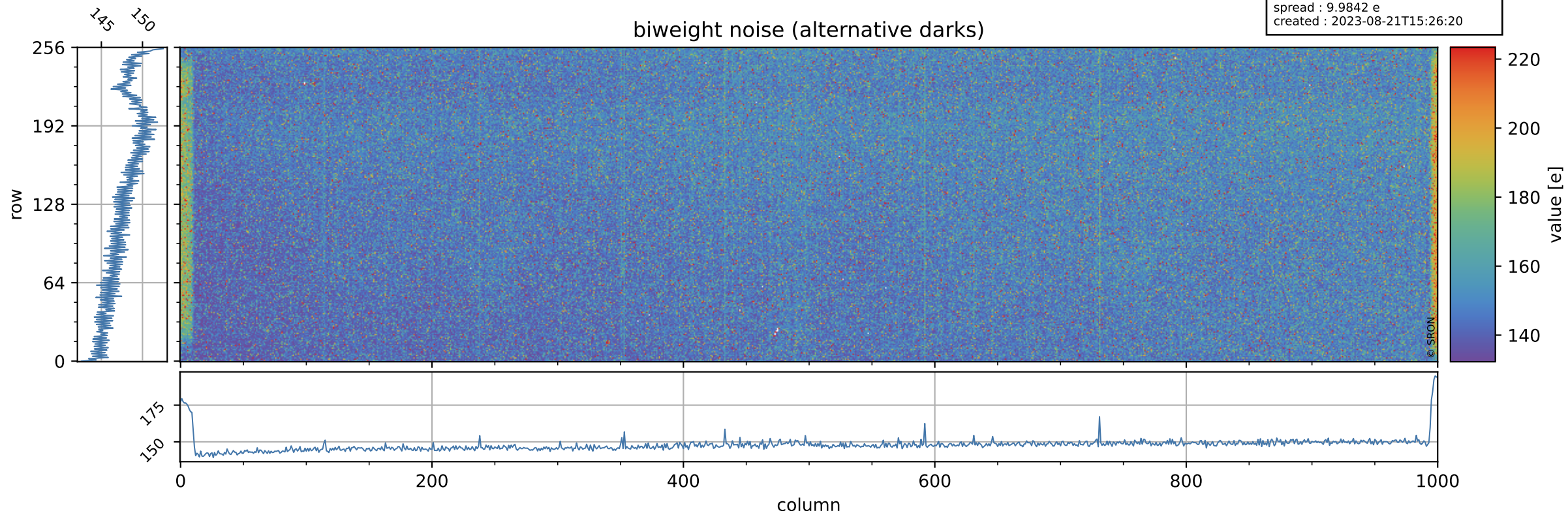
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12457, 12547]
coverage : 2020-03-09 / 2020-03-15
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 9.9842 e
created : 2023-08-21T15:26:20

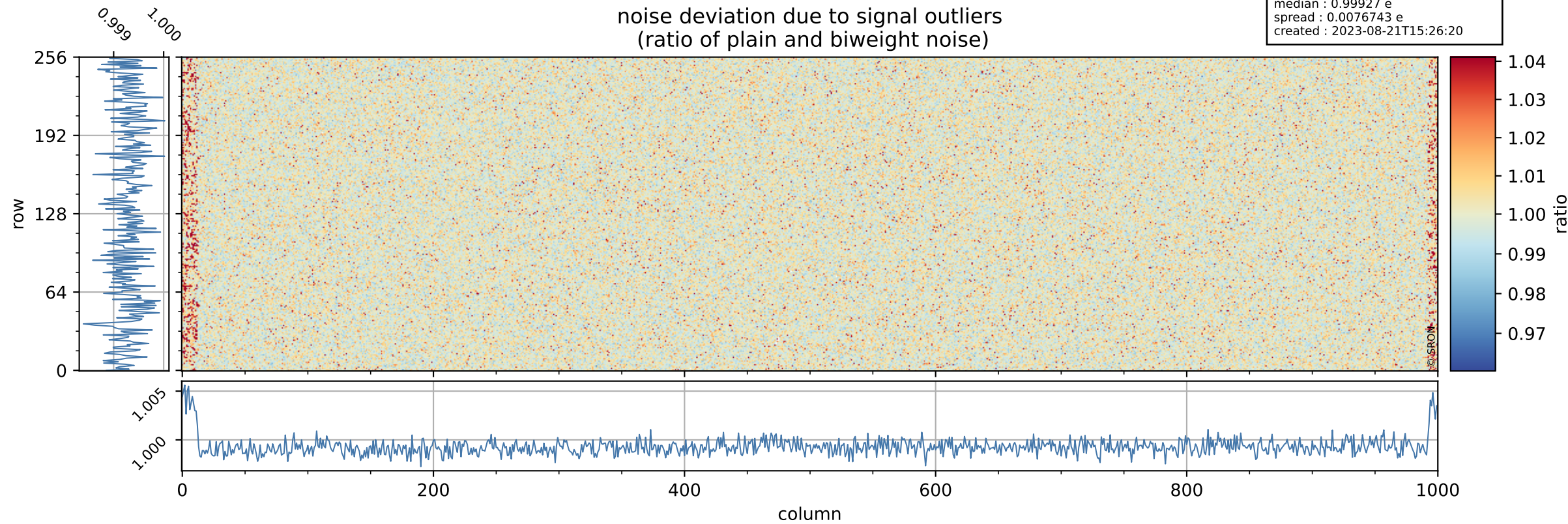
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

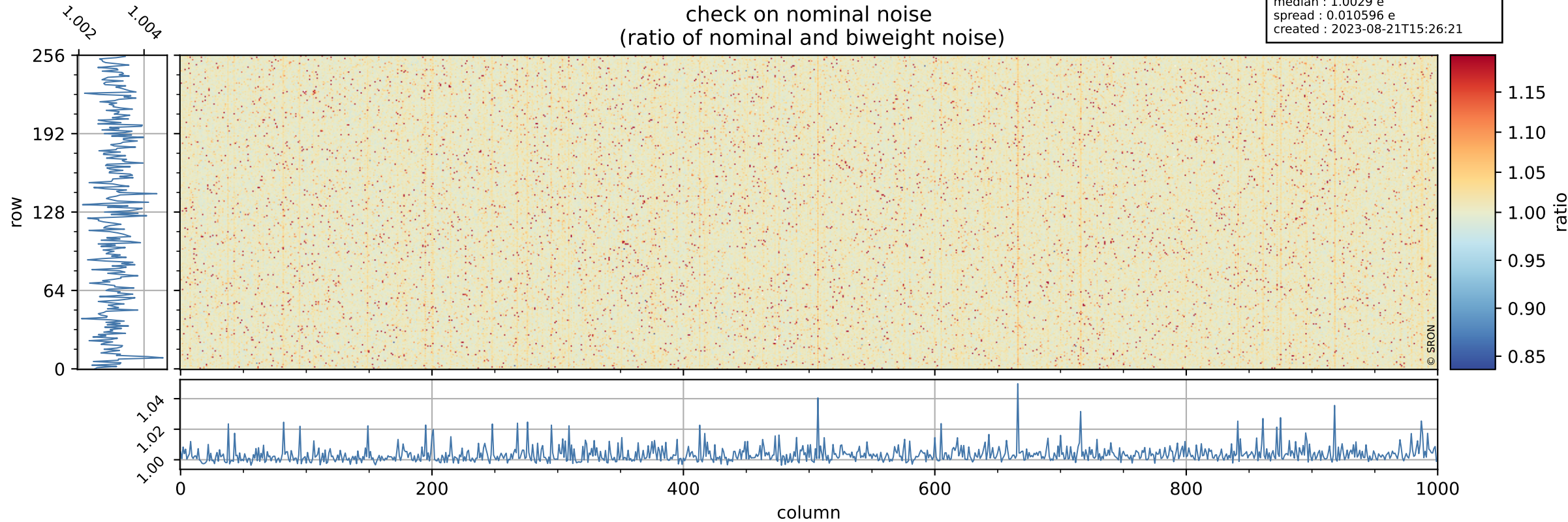
orbits : 12 in [12457, 12547]
coverage : 2020-03-09 / 2020-03-15
median : 0.99927 e
spread : 0.0076743 e
created : 2023-08-21T15:26:20



Tropomi SWIR background noise (swir)

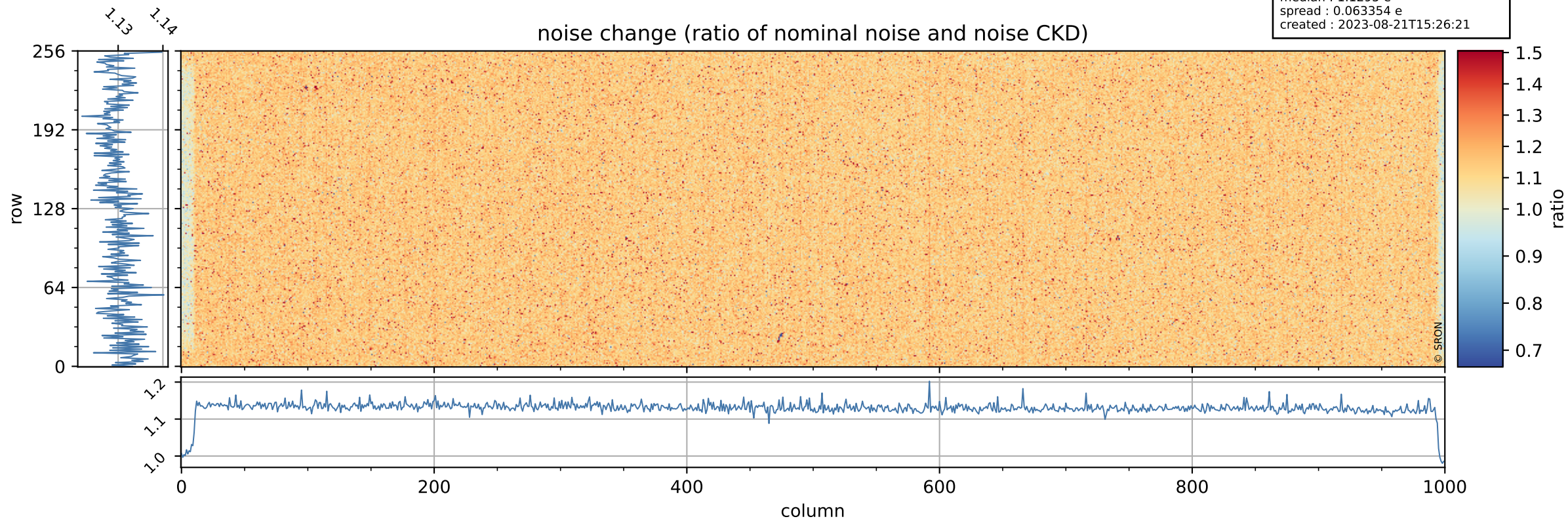
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12457, 12547]
coverage : 2020-03-09 / 2020-03-15
median : 1.0029 e
spread : 0.010596 e
created : 2023-08-21T15:26:21



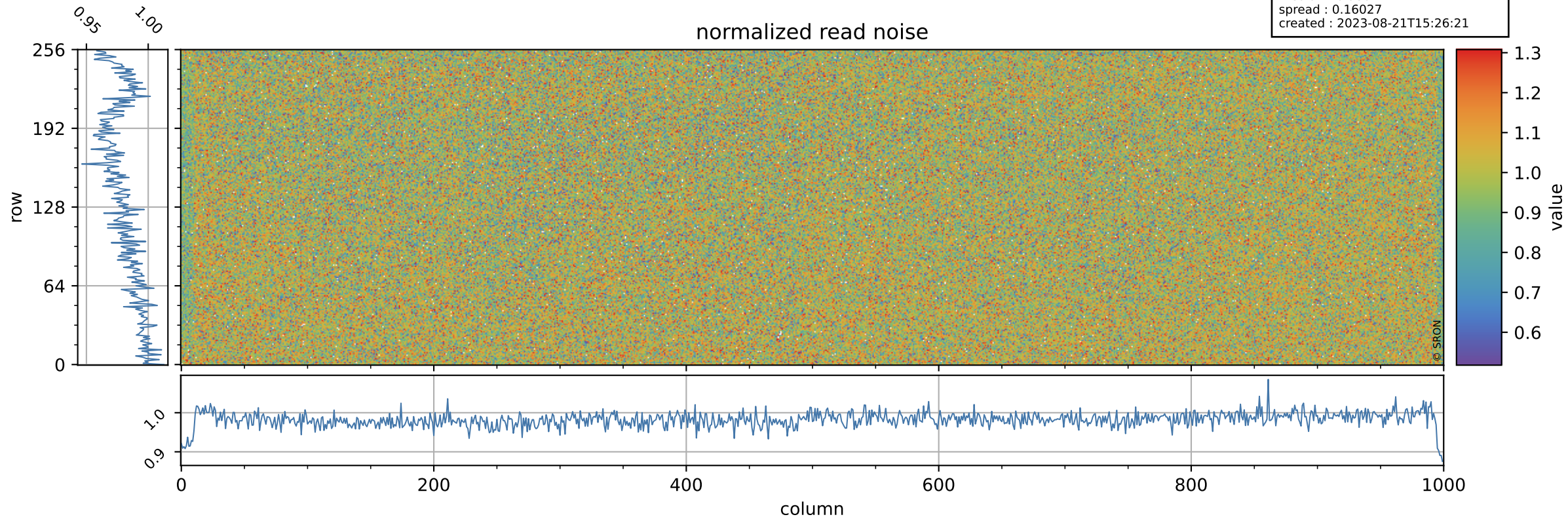
Tropomi SWIR background noise (swir)

orbits : 12 in [12457, 12547]
coverage : 2020-03-09 / 2020-03-15
median : 1.1295 e
spread : 0.063354 e
created : 2023-08-21T15:26:21



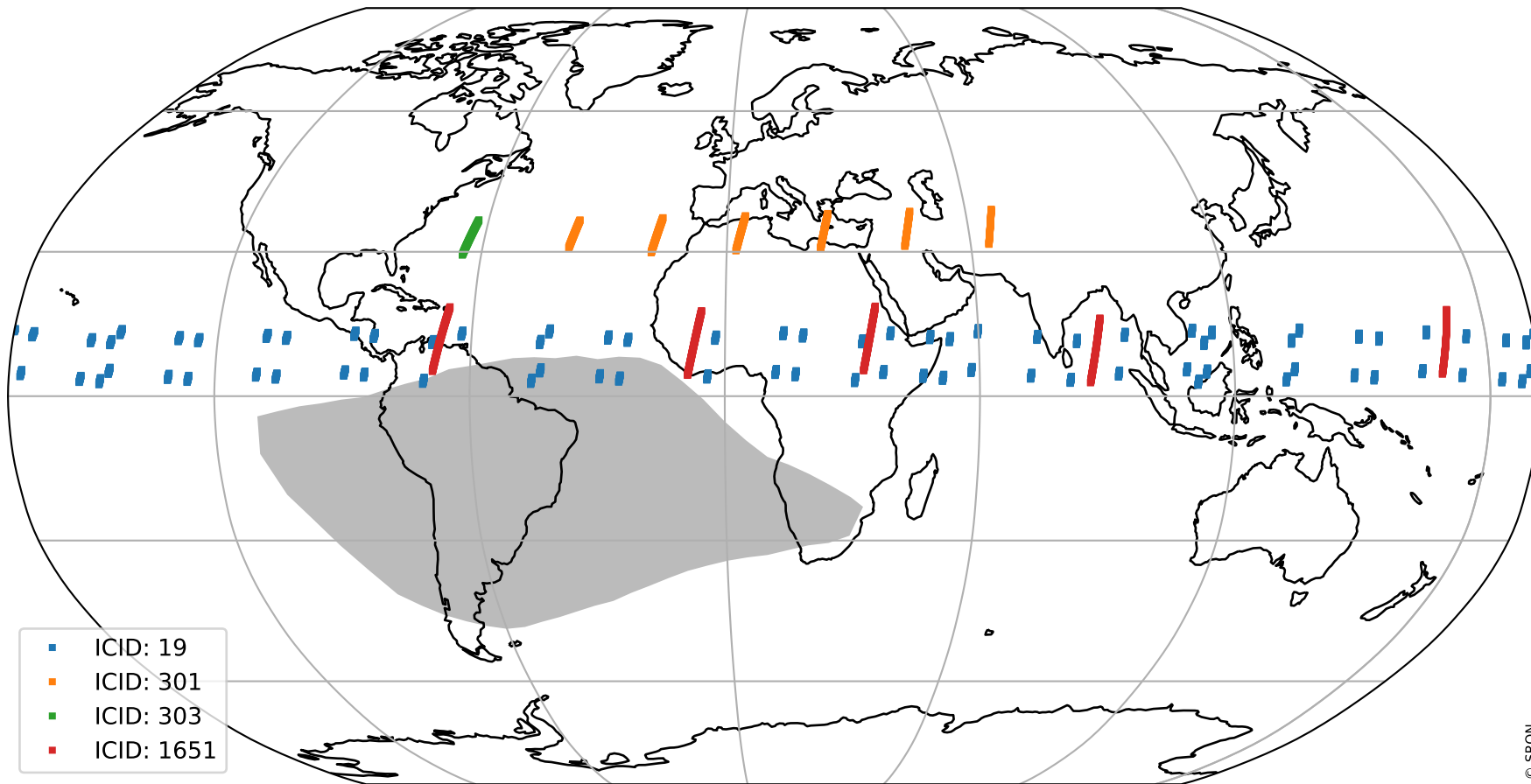
Tropomi SWIR background noise (swir)

orbits : 12 in [12457, 12547]
coverage : 2020-03-09 / 2020-03-15
median : 0.98077
spread : 0.16027
created : 2023-08-21T15:26:21



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

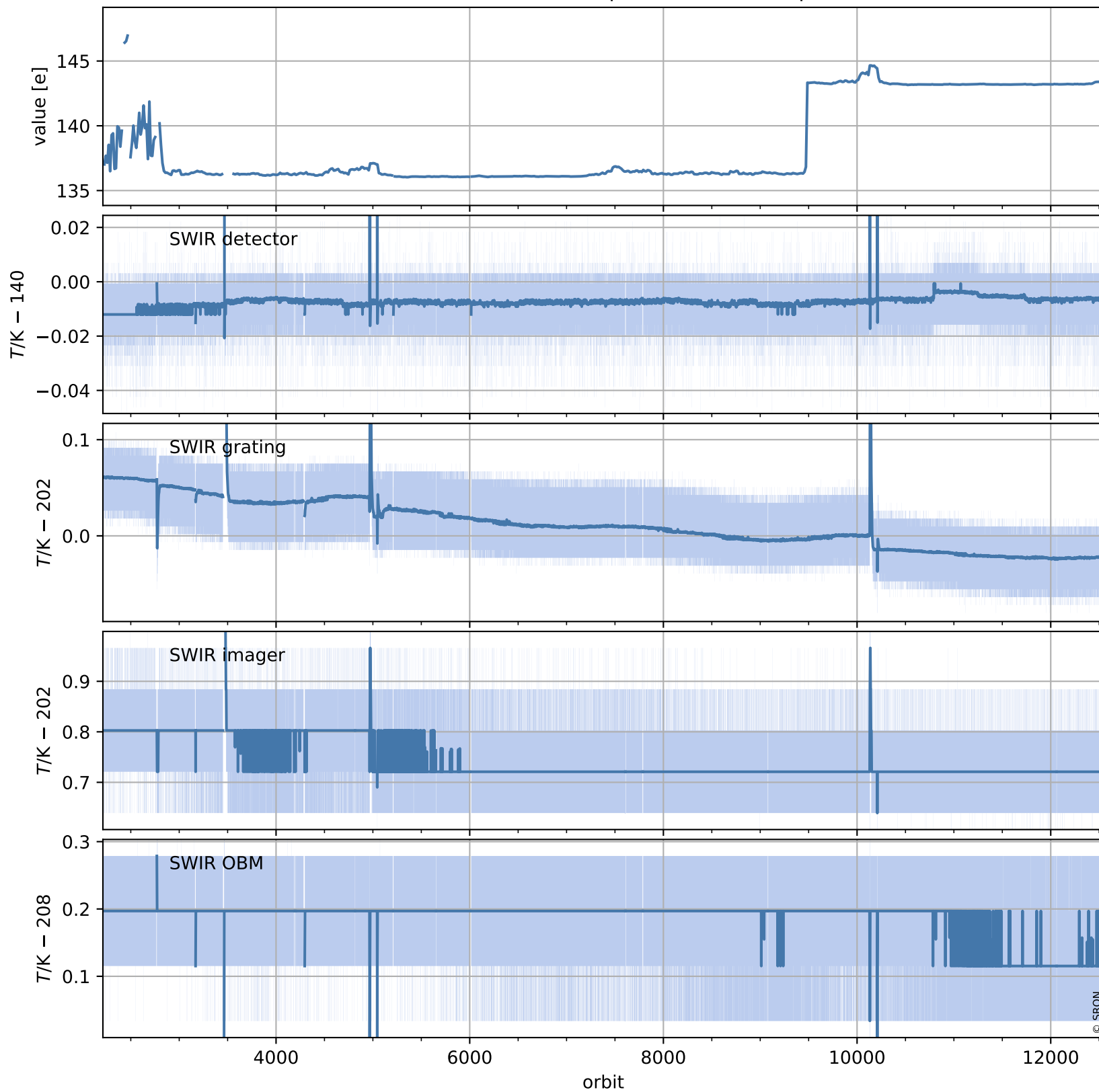
orbits : 12 in [12457, 12547]
coverage : 2020-03-09 / 2020-03-15
created : 2023-08-21T15:26:22



Tropomi SWIR background noise (swir)

orbits : [2212, 12547]
coverage : 2018-03-18 / 2020-03-15
created : 2023-08-21T15:26:22

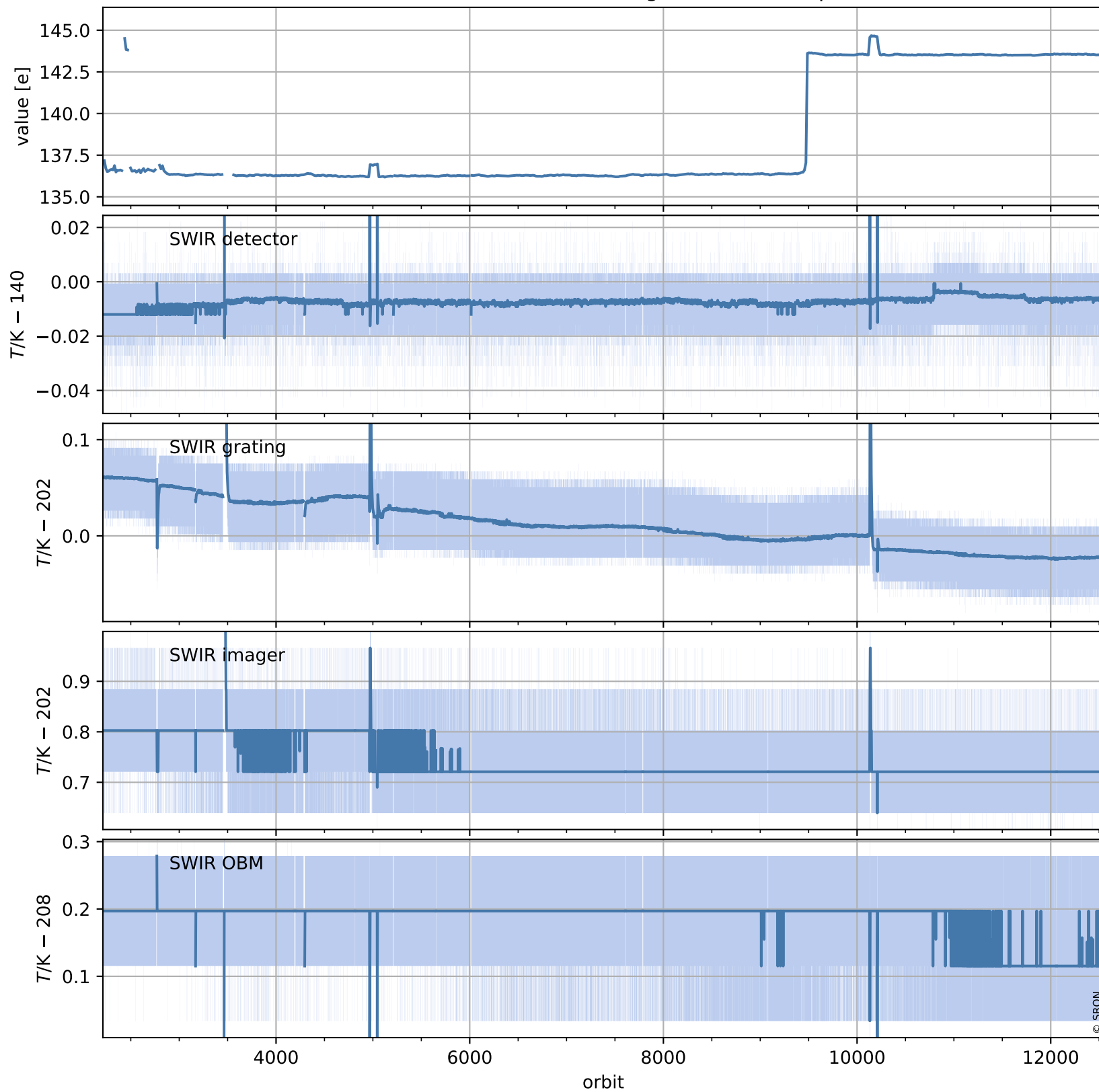
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12547]
coverage : 2018-03-18 / 2020-03-15
created : 2023-08-21T15:26:23

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12547]
coverage : 2018-03-18 / 2020-03-15
created : 2023-08-21T15:26:23

trend of normalized read-noise & temperatures

