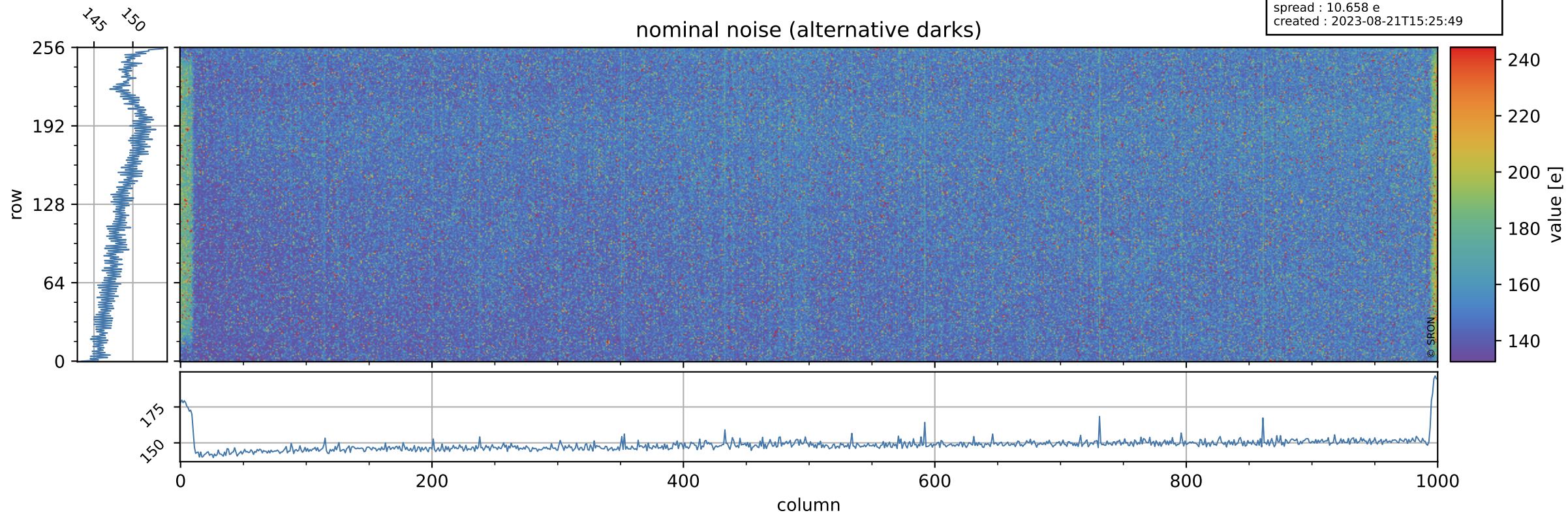


Tropomi SWIR background noise (swir)

orbits : 12 in [12367, 12457]
coverage : 2020-03-03 / 2020-03-09
n_coad, t_exp : 1, 1.0783
median : 148.55 e
spread : 10.658 e
created : 2023-08-21T15:25:49

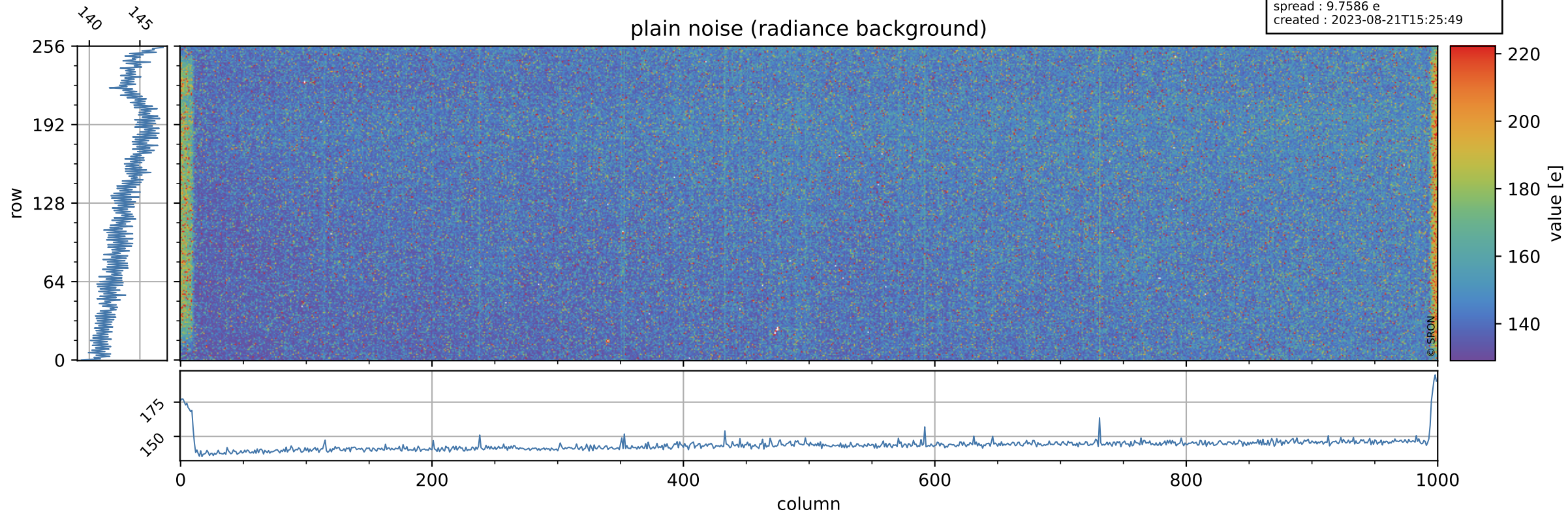
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12367, 12457]
coverage : 2020-03-03 / 2020-03-09
n_coad, t_exp : 1, 0.8383
median : 143.51 e
spread : 9.7586 e
created : 2023-08-21T15:25:49

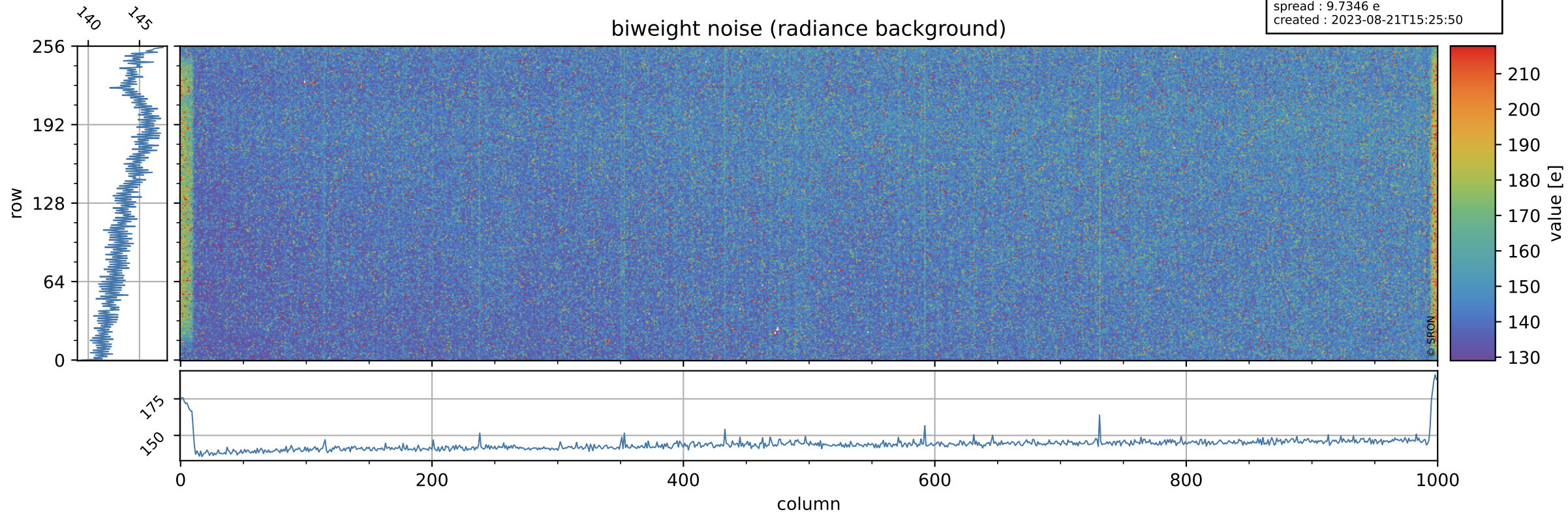
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12367, 12457]
coverage : 2020-03-03 / 2020-03-09
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.7346 e
created : 2023-08-21T15:25:50

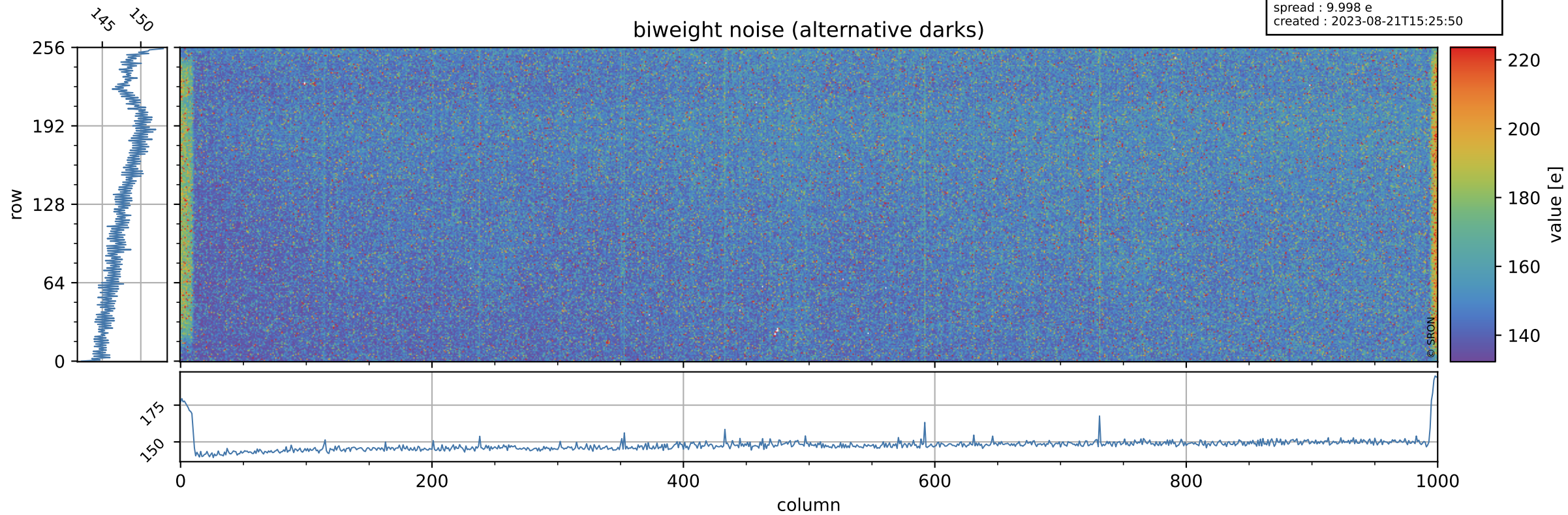
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12367, 12457]
coverage : 2020-03-03 / 2020-03-09
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 9.998 e
created : 2023-08-21T15:25:50

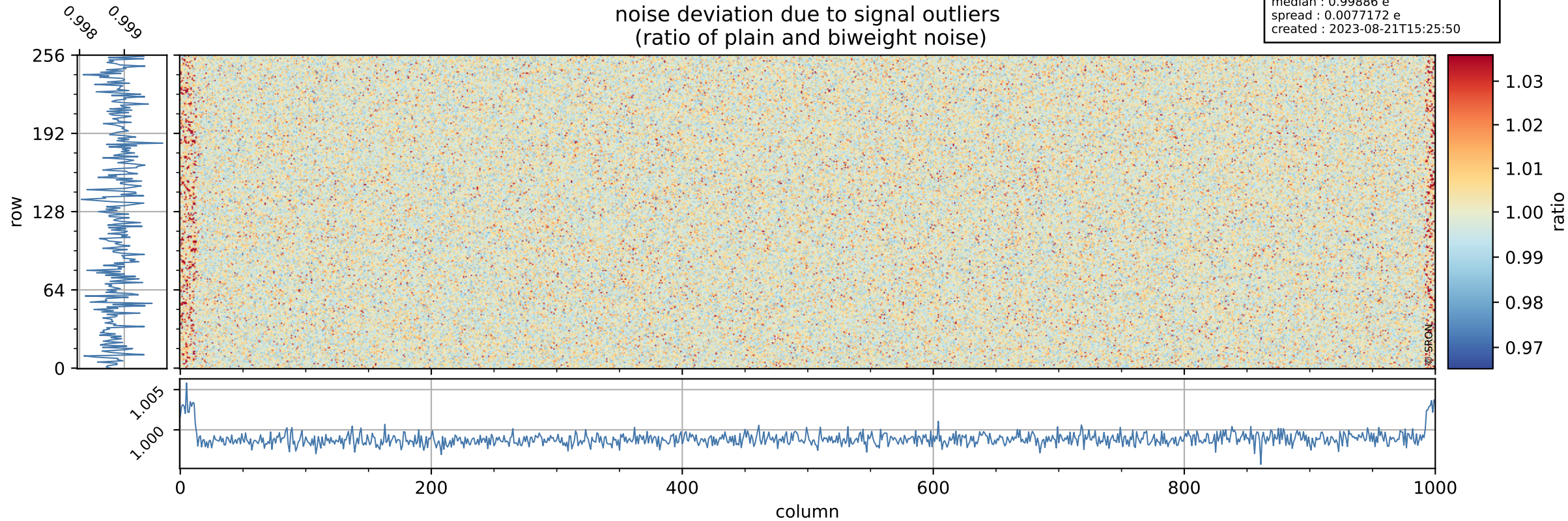
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

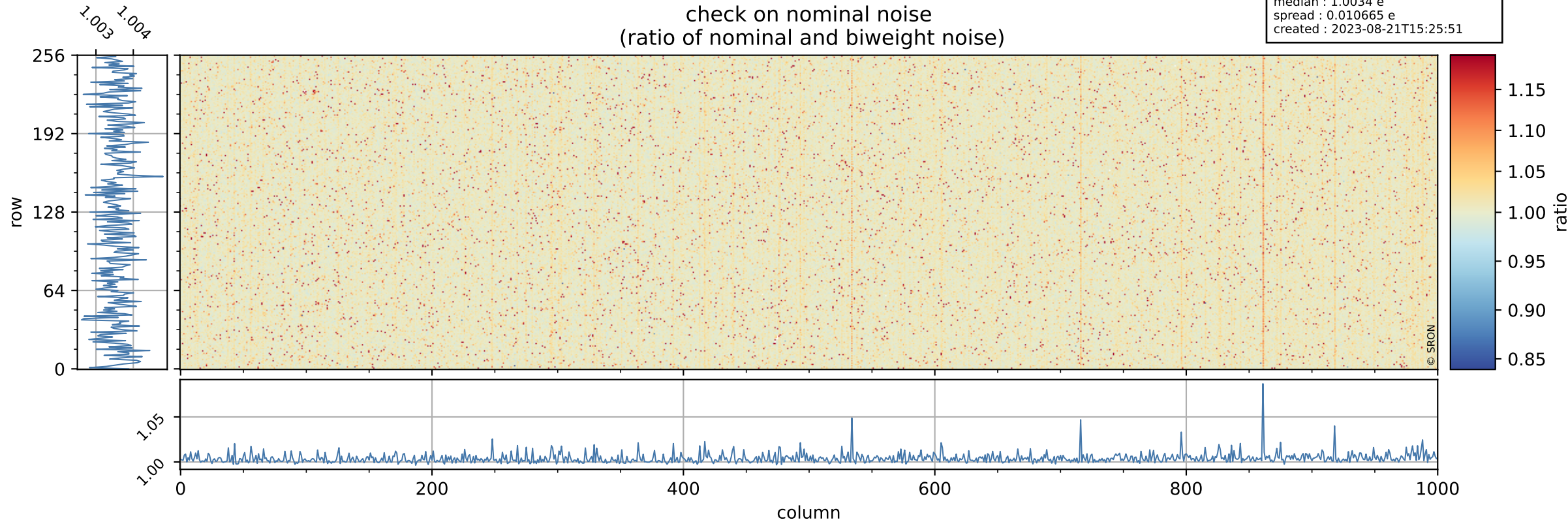
orbits : 12 in [12367, 12457]
coverage : 2020-03-03 / 2020-03-09
median : 0.99886 e
spread : 0.0077172 e
created : 2023-08-21T15:25:50



Tropomi SWIR background noise (swir)

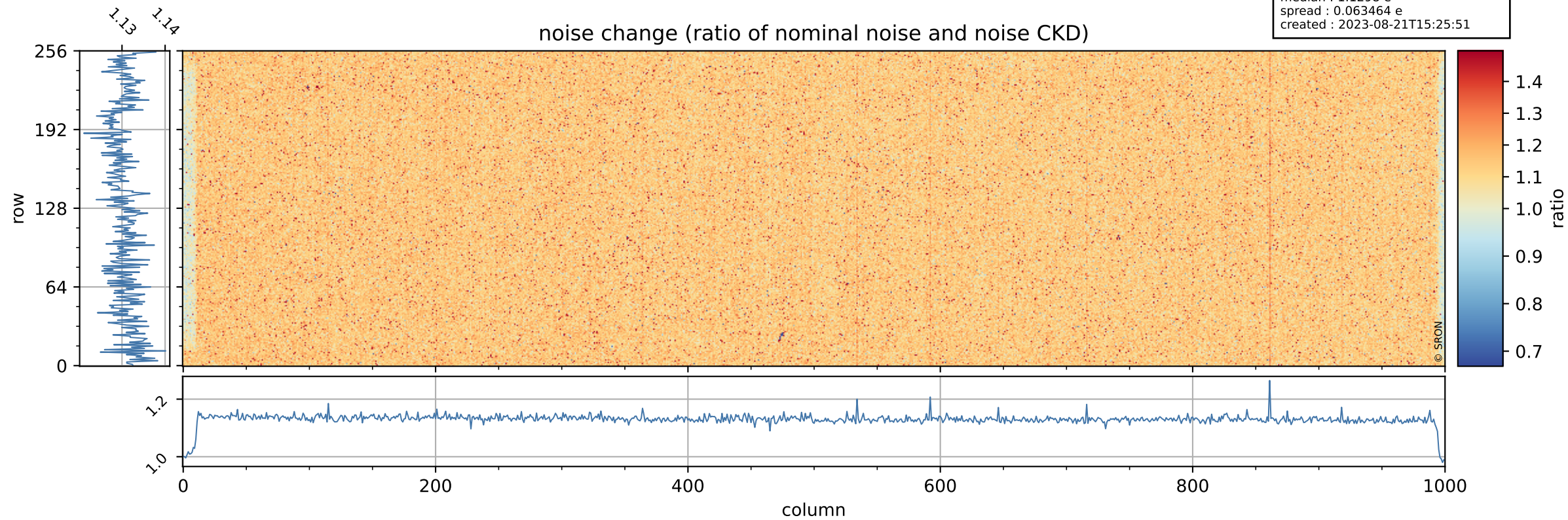
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12367, 12457]
coverage : 2020-03-03 / 2020-03-09
median : 1.0034 e
spread : 0.010665 e
created : 2023-08-21T15:25:51



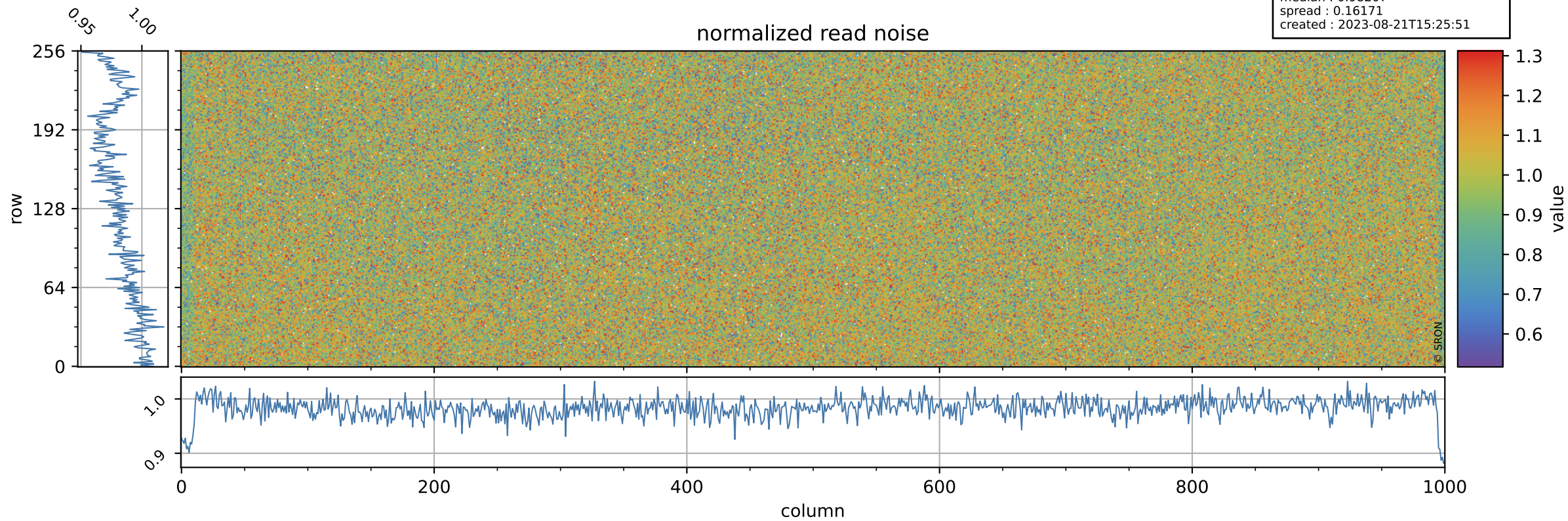
Tropomi SWIR background noise (swir)

orbits : 12 in [12367, 12457]
coverage : 2020-03-03 / 2020-03-09
median : 1.1298 e
spread : 0.063464 e
created : 2023-08-21T15:25:51



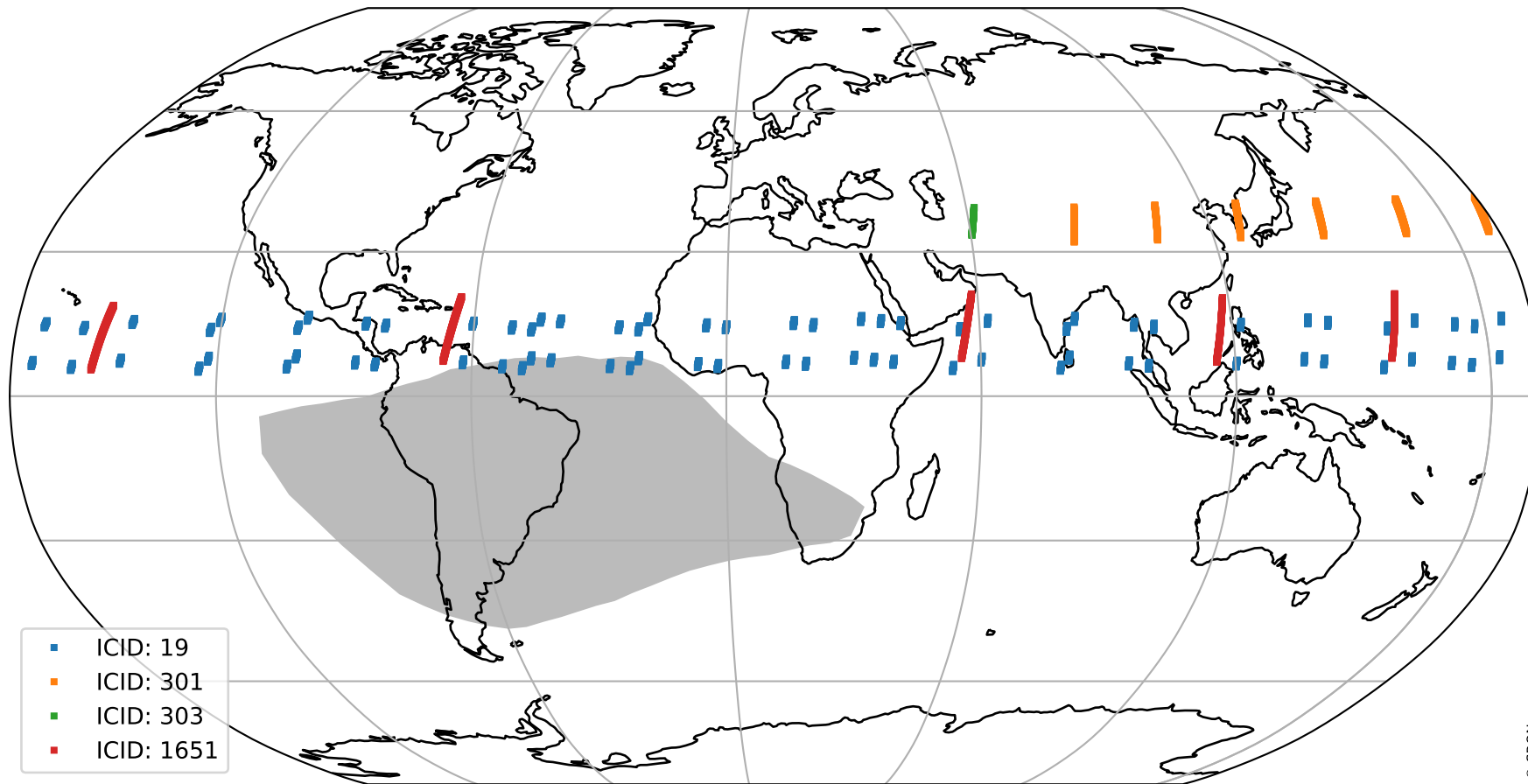
Tropomi SWIR background noise (swir)

orbits : 12 in [12367, 12457]
coverage : 2020-03-03 / 2020-03-09
median : 0.98207
spread : 0.16171
created : 2023-08-21T15:25:51



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

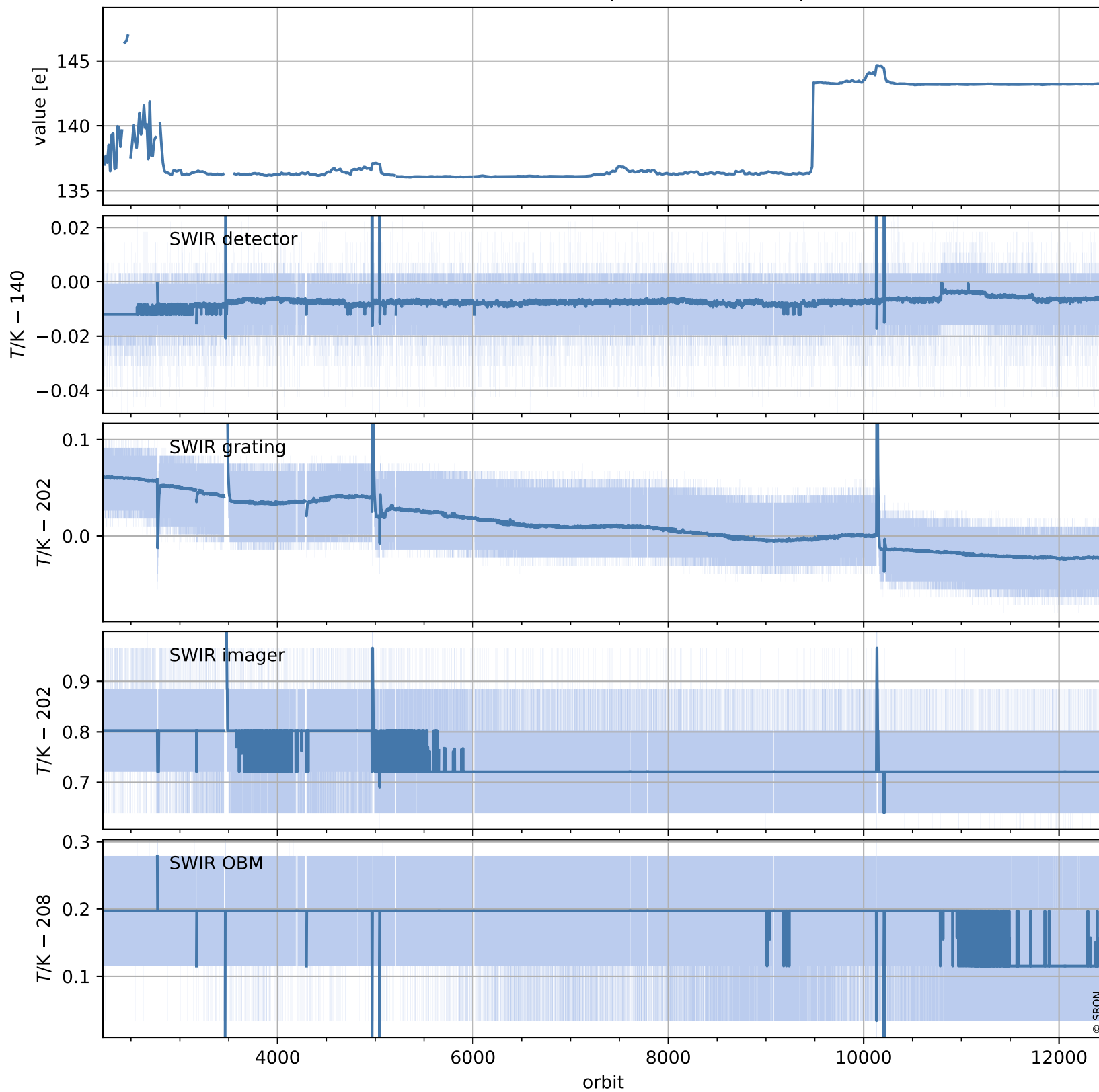
orbits : 12 in [12367, 12457]
coverage : 2020-03-03 / 2020-03-09
created : 2023-08-21T15:25:51



Tropomi SWIR background noise (swir)

orbits : [2212, 12457]
coverage : 2018-03-18 / 2020-03-09
created : 2023-08-21T15:25:52

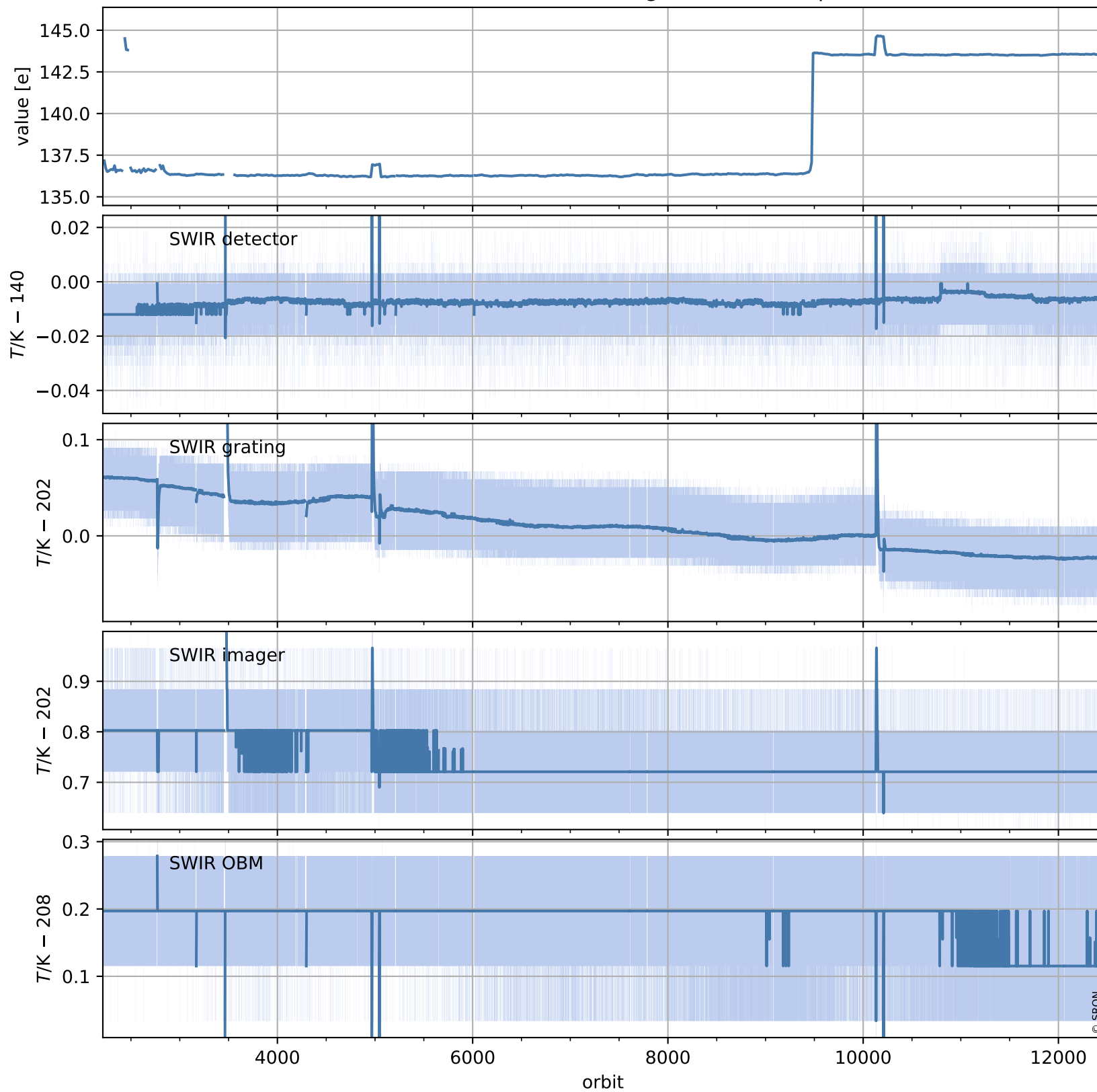
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12457]
coverage : 2018-03-18 / 2020-03-09
created : 2023-08-21T15:25:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12457]
coverage : 2018-03-18 / 2020-03-09
created : 2023-08-21T15:25:53

trend of normalized read-noise & temperatures

