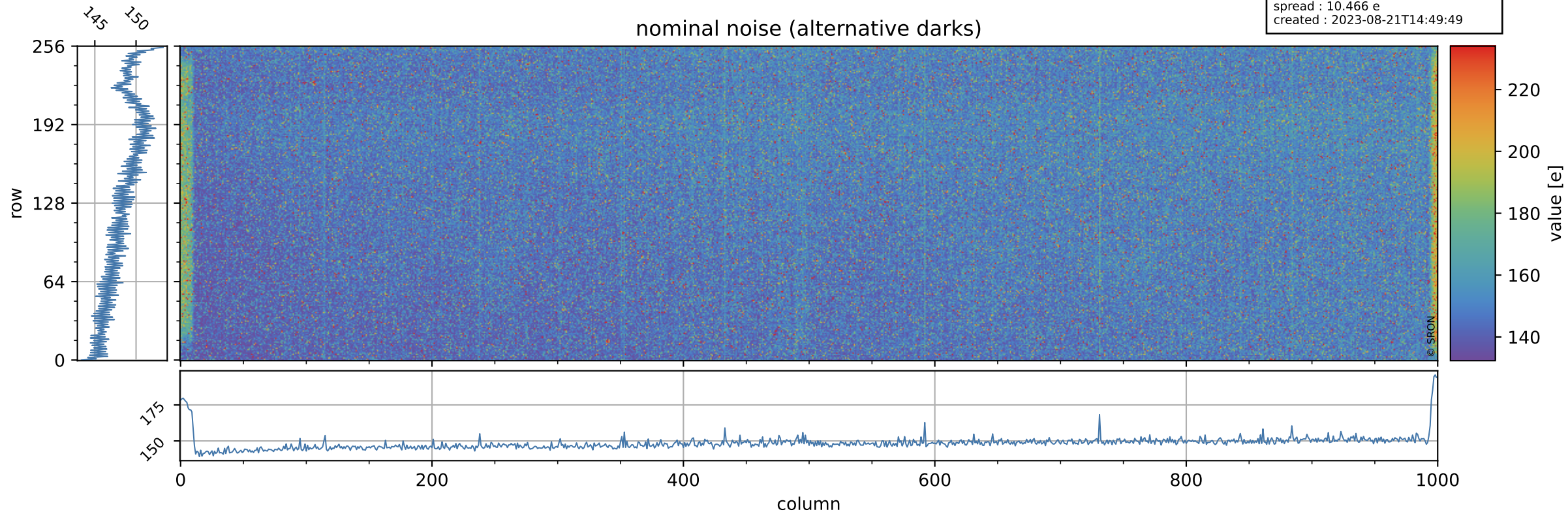


Tropomi SWIR background noise (swir)

orbits : 13 in [7462, 7552]
coverage : 2019-03-23 / 2019-03-29
n_coad, t_exp : 1, 1.0783
median : 148.31 e
spread : 10.466 e
created : 2023-08-21T14:49:49

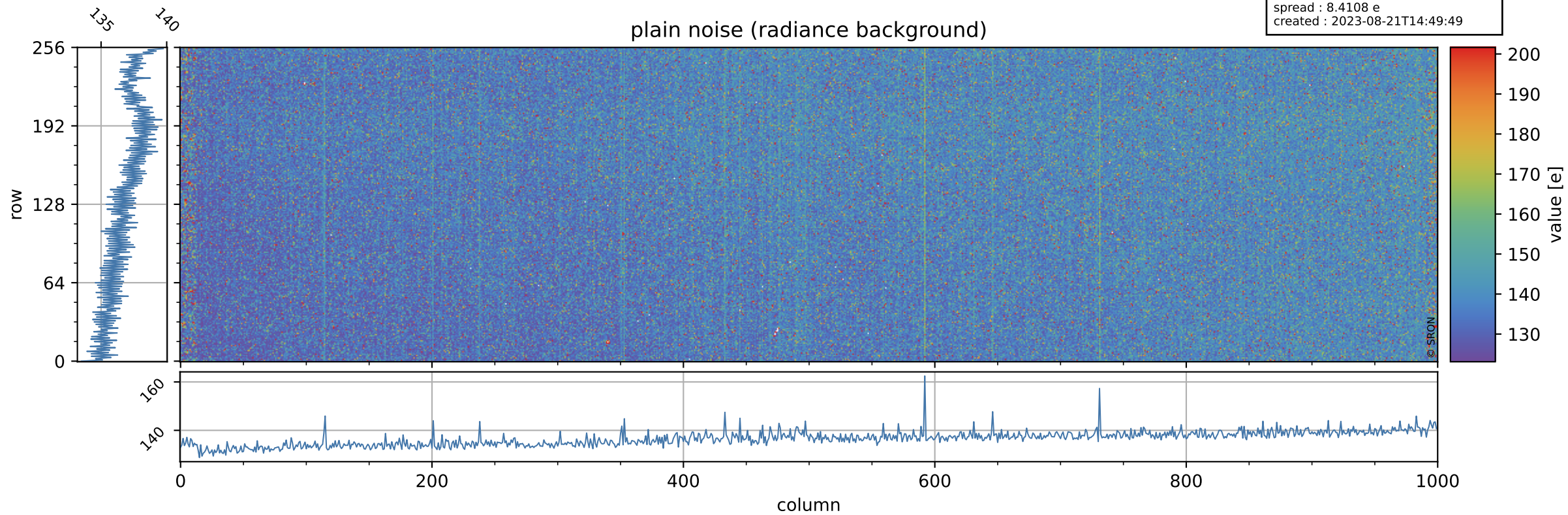
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [7462, 7552]
coverage : 2019-03-23 / 2019-03-29
n_coad, t_exp : 2, 0.5383
median : 136.71 e
spread : 8.4108 e
created : 2023-08-21T14:49:49

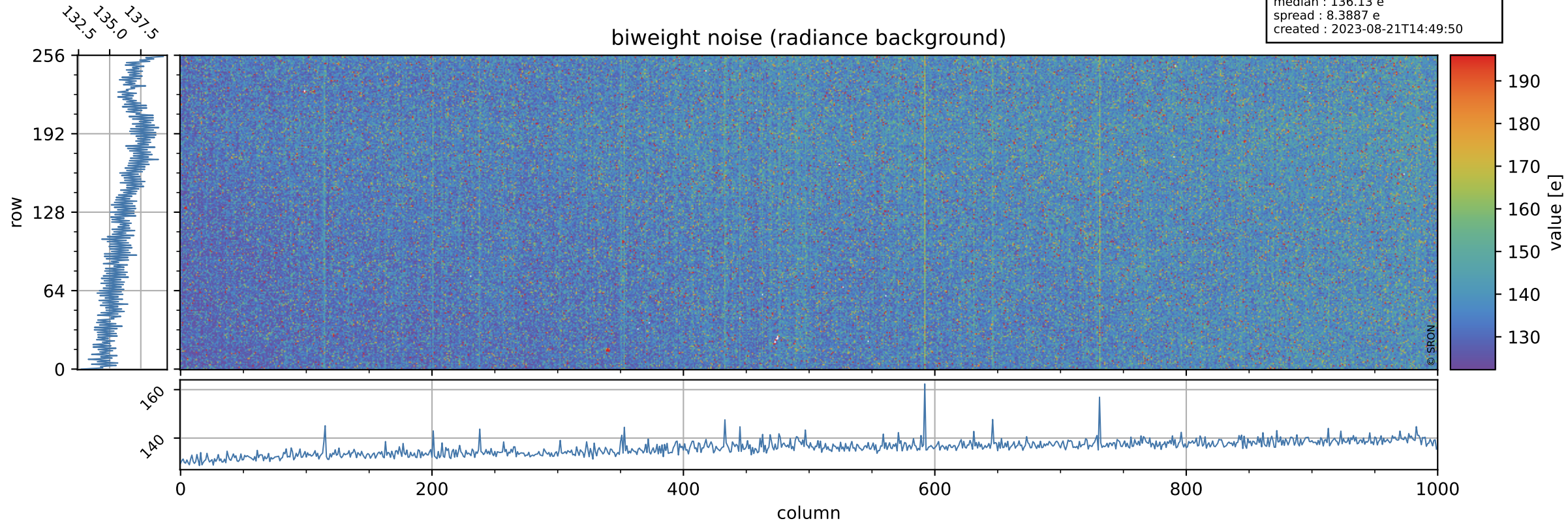
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7462, 7552]
coverage : 2019-03-23 / 2019-03-29
n_coad, t_exp : 2, 0.5383
median : 136.13 e
spread : 8.3887 e
created : 2023-08-21T14:49:50

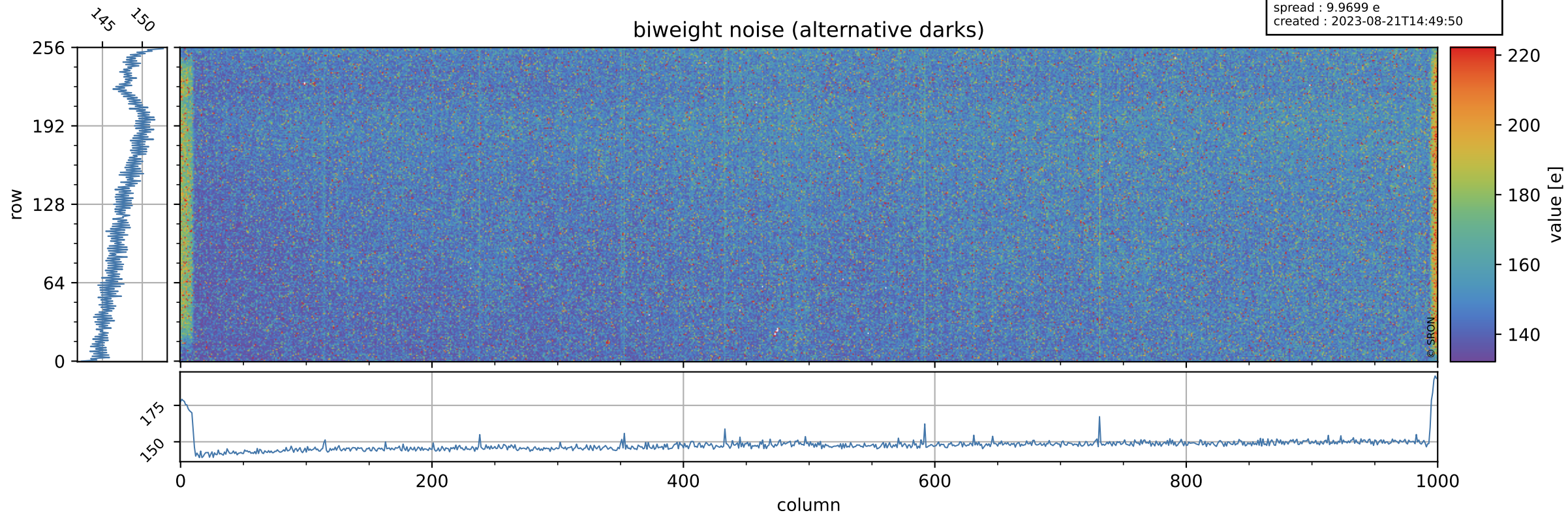
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7462, 7552]
coverage : 2019-03-23 / 2019-03-29
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9699 e
created : 2023-08-21T14:49:50

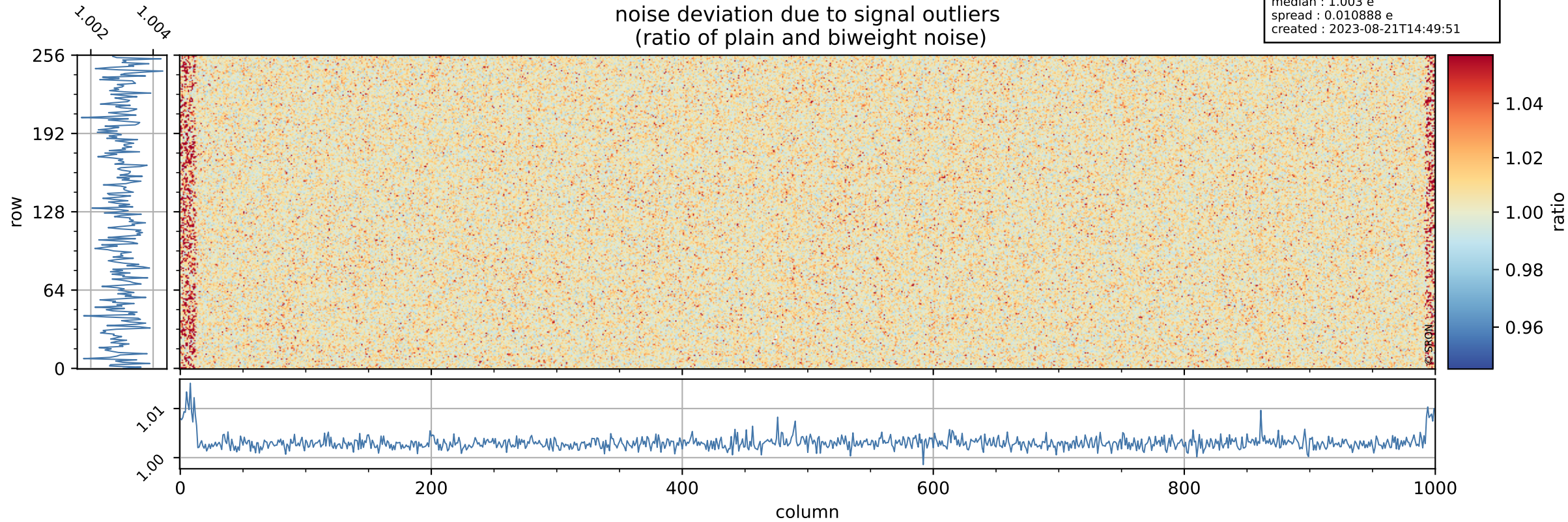
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

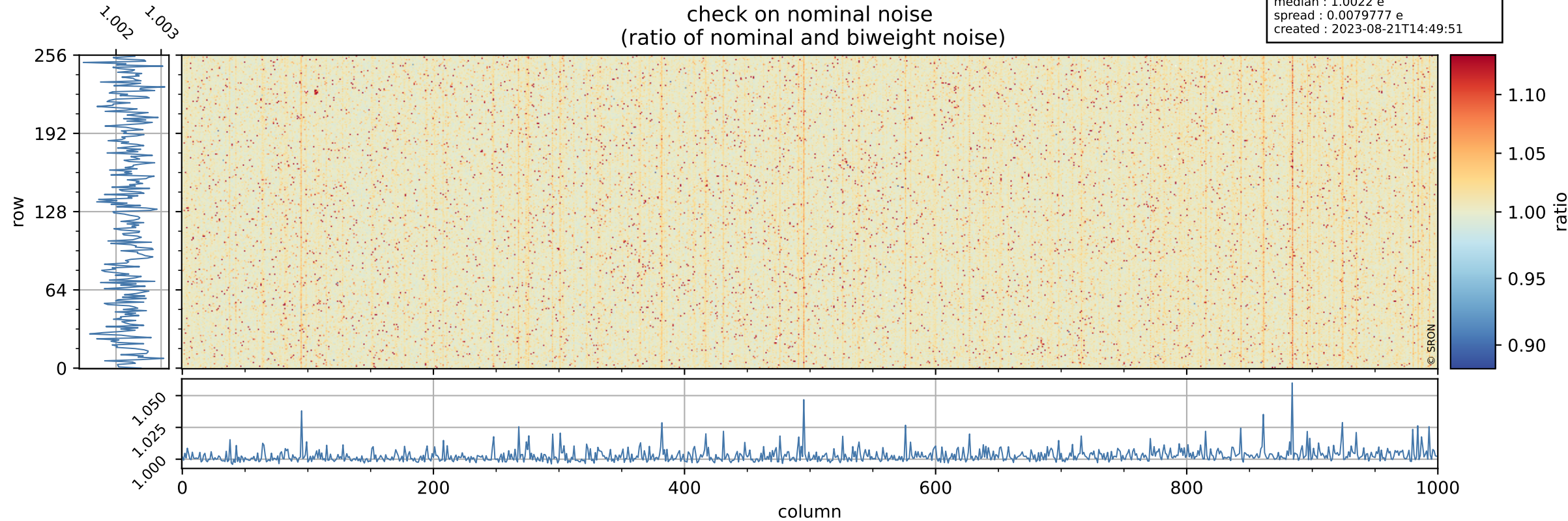
orbits : 13 in [7462, 7552]
coverage : 2019-03-23 / 2019-03-29
median : 1.003 e
spread : 0.010888 e
created : 2023-08-21T14:49:51



Tropomi SWIR background noise (swir)

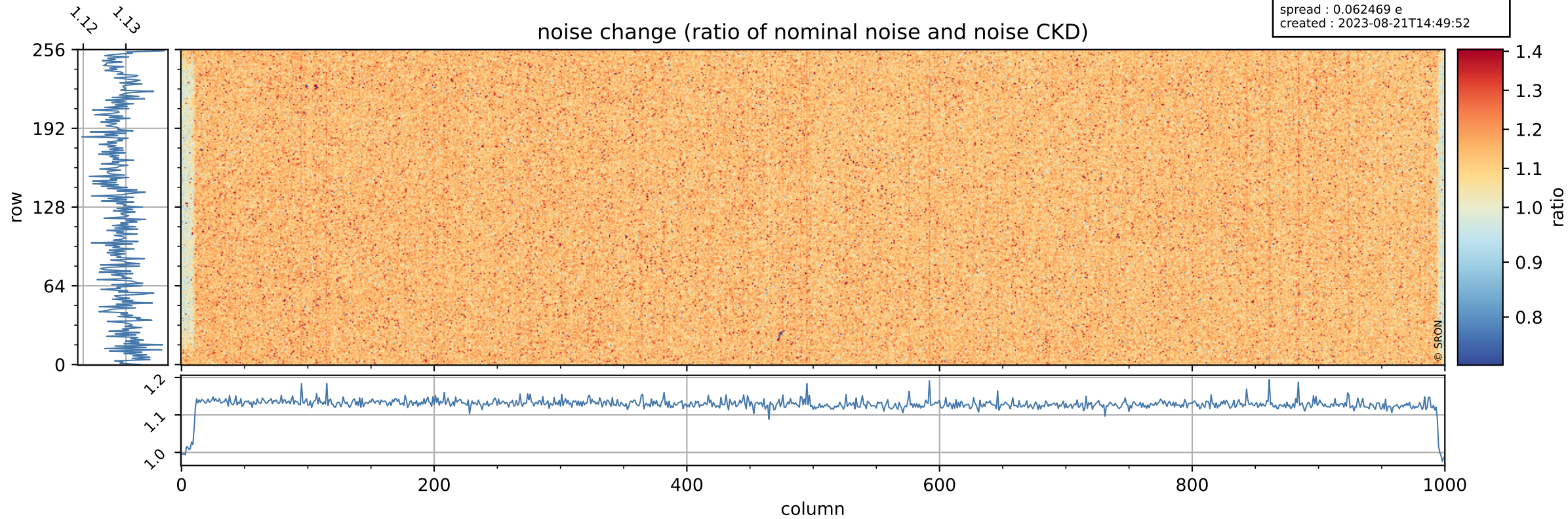
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [7462, 7552]
coverage : 2019-03-23 / 2019-03-29
median : 1.0022 e
spread : 0.0079777 e
created : 2023-08-21T14:49:51



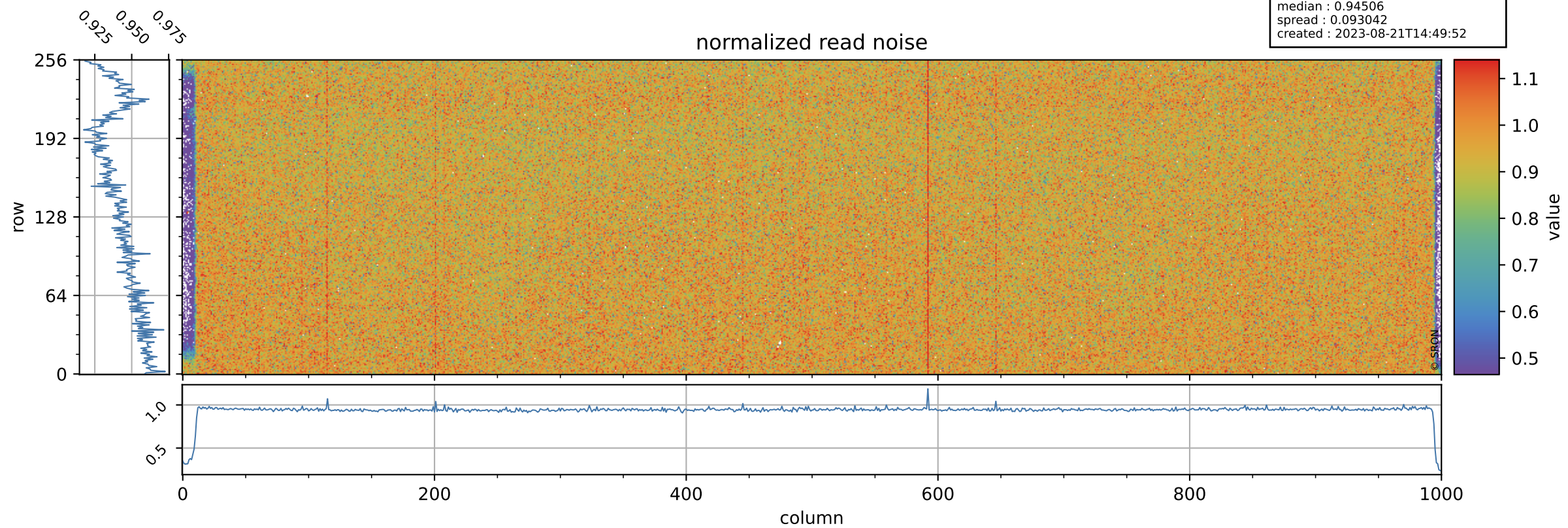
Tropomi SWIR background noise (swir)

orbits : 13 in [7462, 7552]
coverage : 2019-03-23 / 2019-03-29
median : 1.1284 e
spread : 0.062469 e
created : 2023-08-21T14:49:52



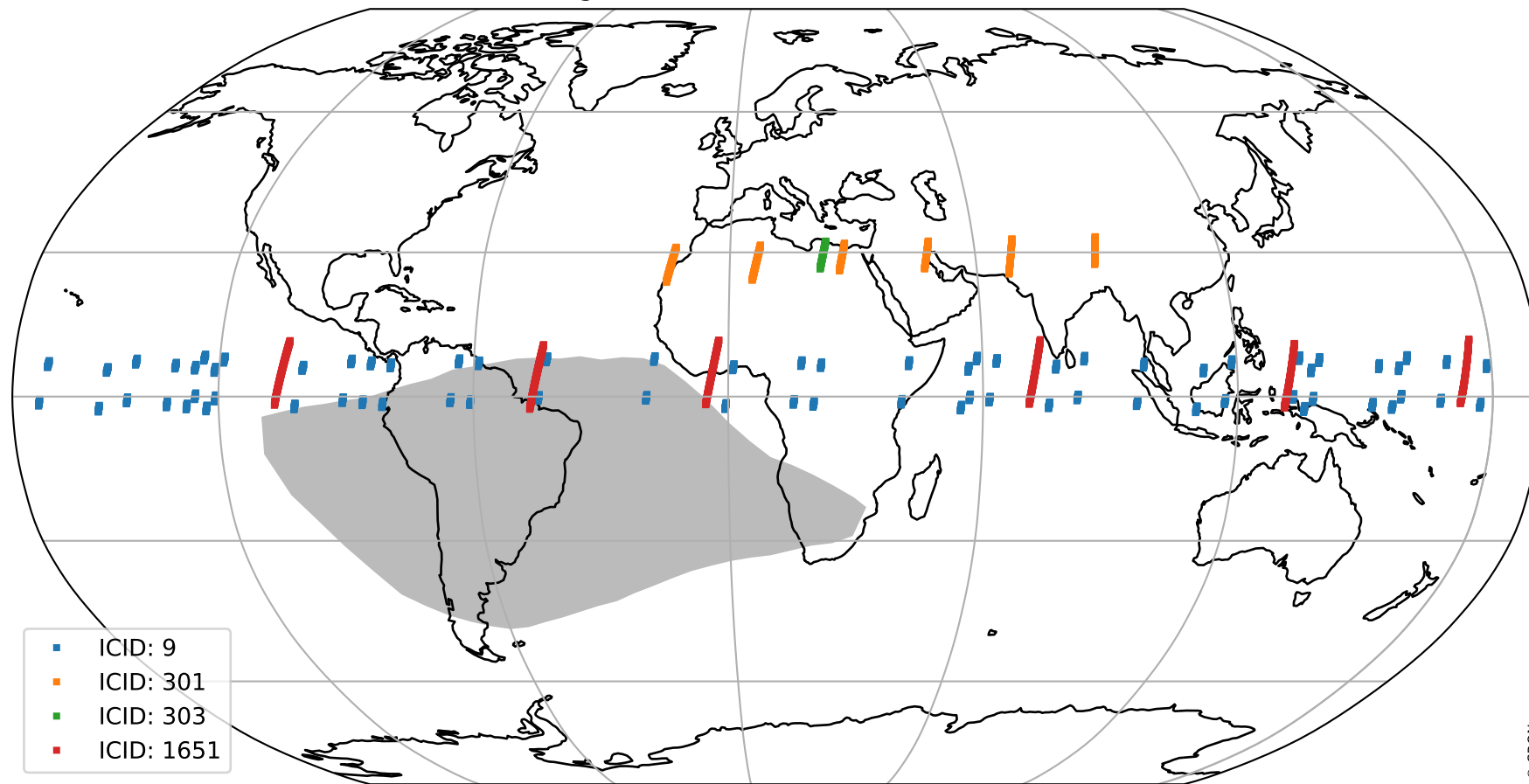
Tropomi SWIR background noise (swir)

orbits : 13 in [7462, 7552]
coverage : 2019-03-23 / 2019-03-29
median : 0.94506
spread : 0.093042
created : 2023-08-21T14:49:52



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

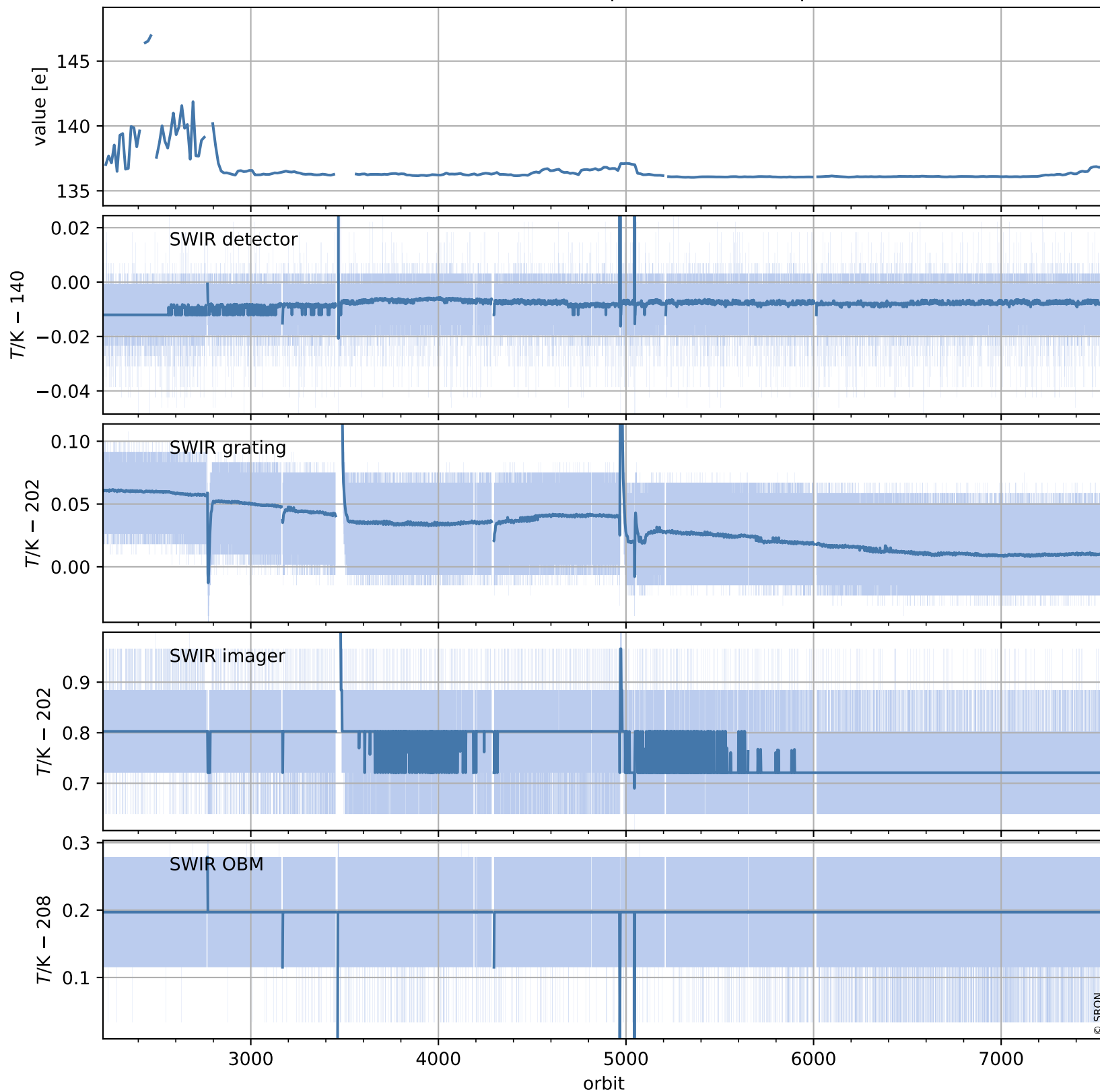
orbits : 13 in [7462, 7552]
coverage : 2019-03-23 / 2019-03-29
created : 2023-08-21T14:49:52



Tropomi SWIR background noise (swir)

orbits : [2212, 7552]
coverage : 2018-03-18 / 2019-03-29
created : 2023-08-21T14:49:53

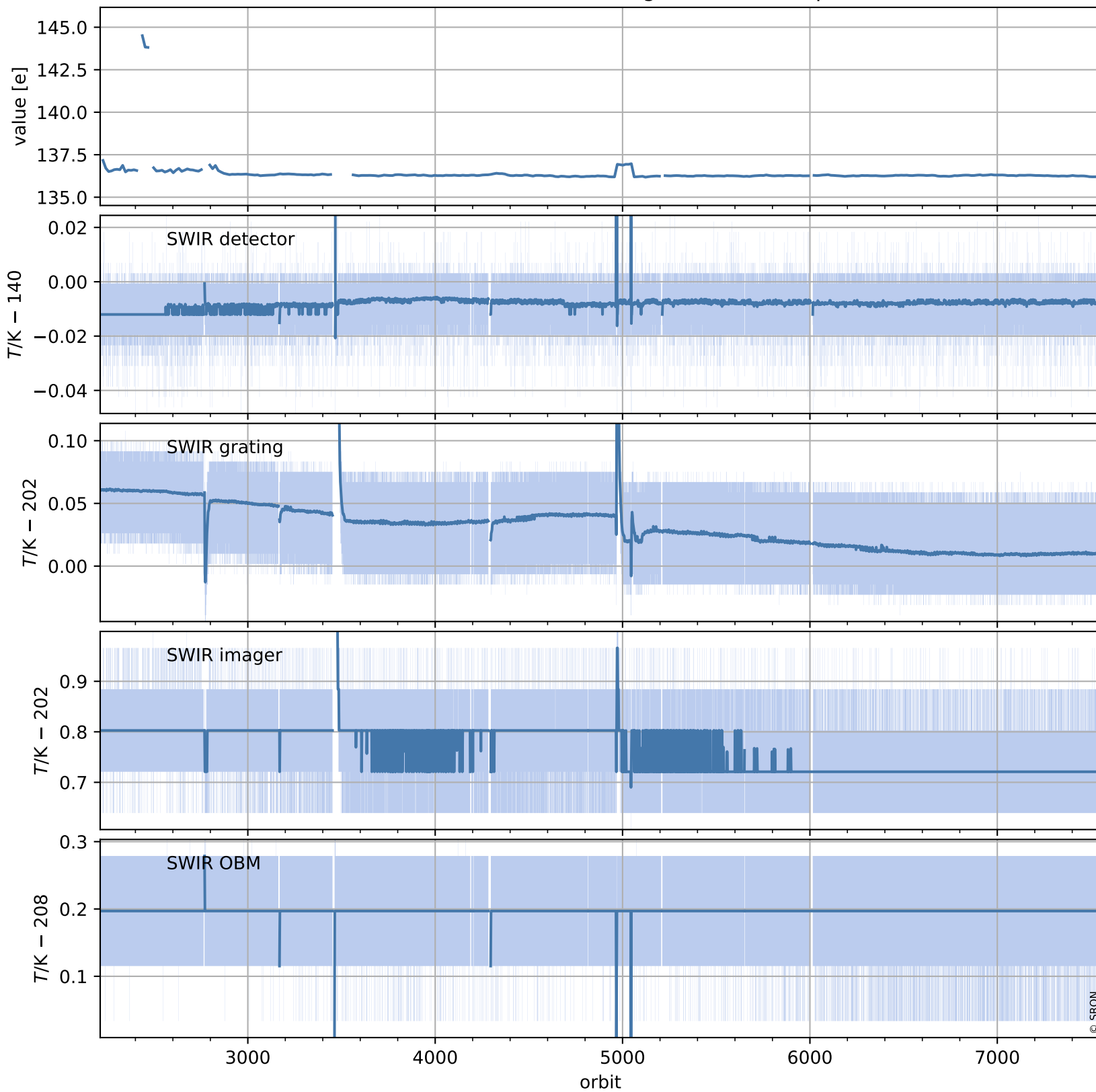
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7552]
coverage : 2018-03-18 / 2019-03-29
created : 2023-08-21T14:49:54

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7552]
coverage : 2018-03-18 / 2019-03-29
created : 2023-08-21T14:49:54

trend of normalized read-noise & temperatures

