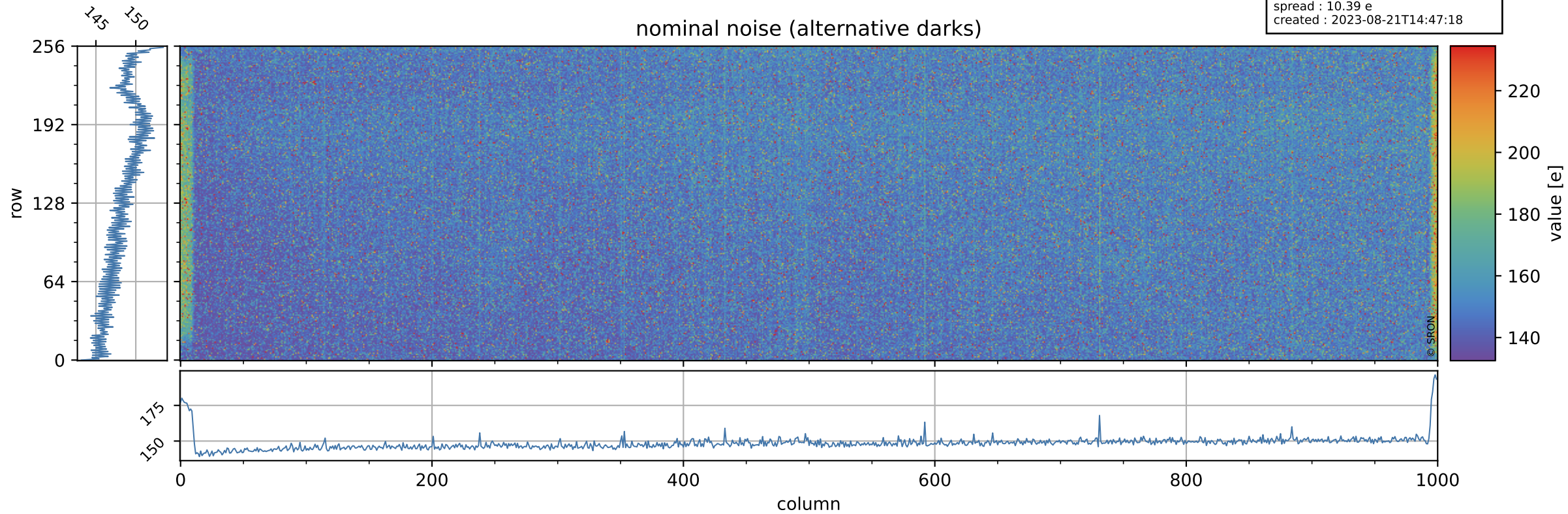


Tropomi SWIR background noise (swir)

orbits : 13 in [7132, 7207]
coverage : 2019-02-27 / 2019-03-04
n_coad, t_exp : 1, 1.0783
median : 148.28 e
spread : 10.39 e
created : 2023-08-21T14:47:18

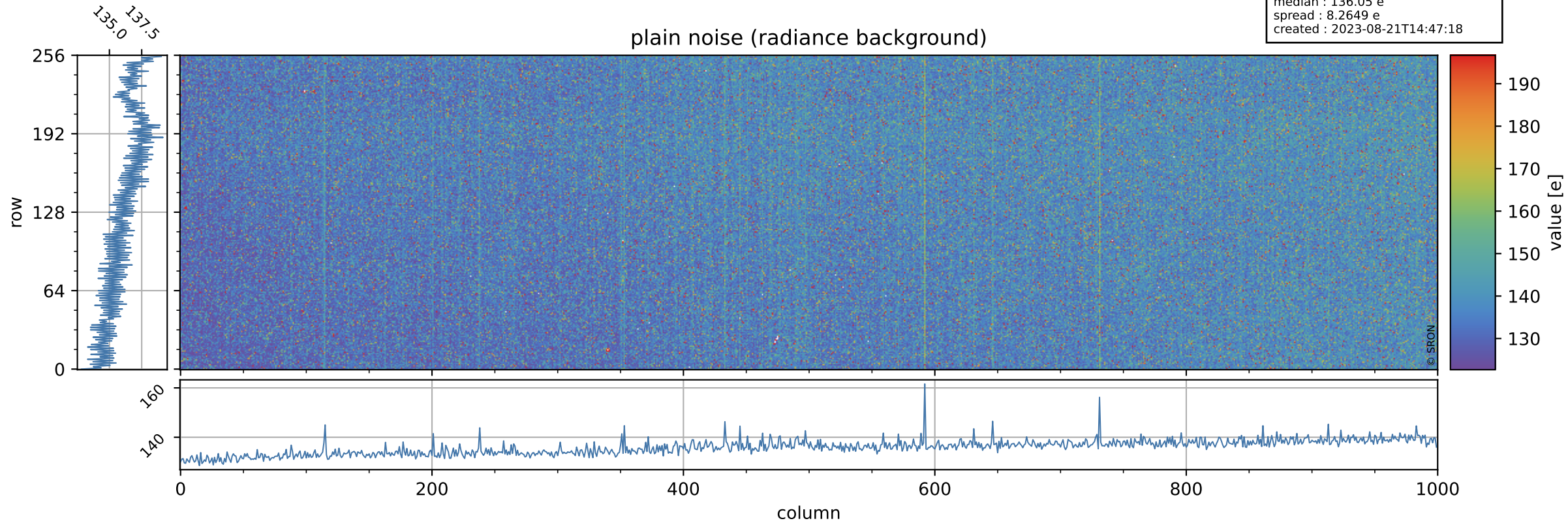
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [7132, 7207]
coverage : 2019-02-27 / 2019-03-04
n_coad, t_exp : 2, 0.5383
median : 136.05 e
spread : 8.2649 e
created : 2023-08-21T14:47:18

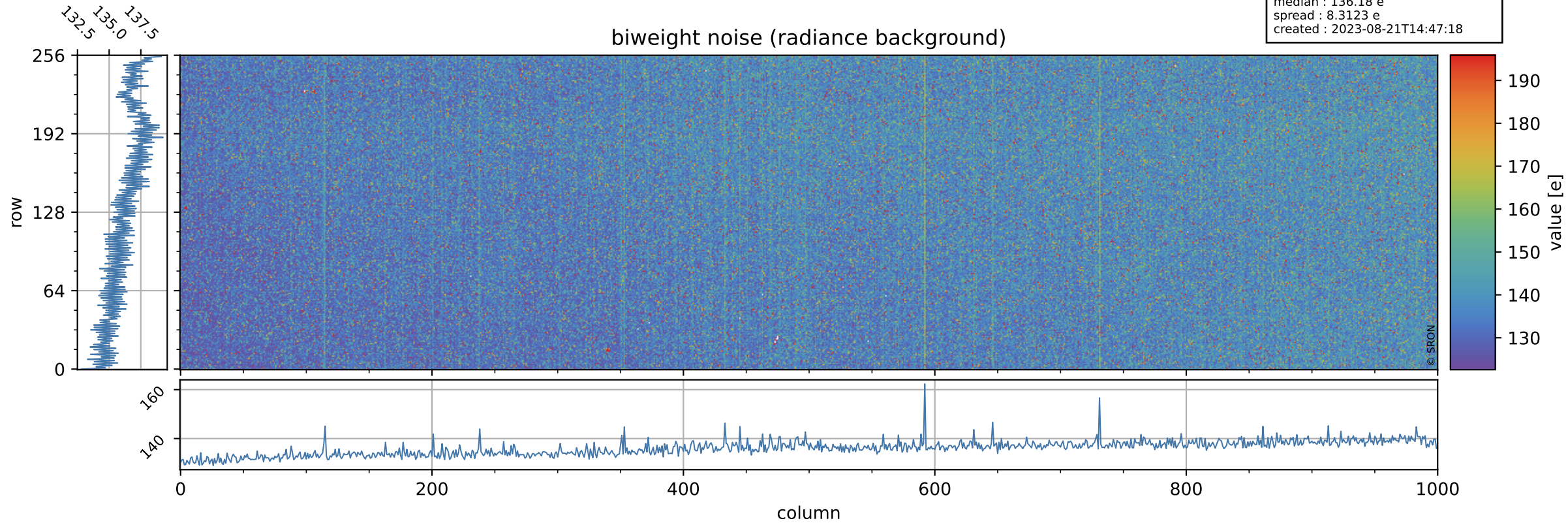
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7132, 7207]
coverage : 2019-02-27 / 2019-03-04
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.3123 e
created : 2023-08-21T14:47:18

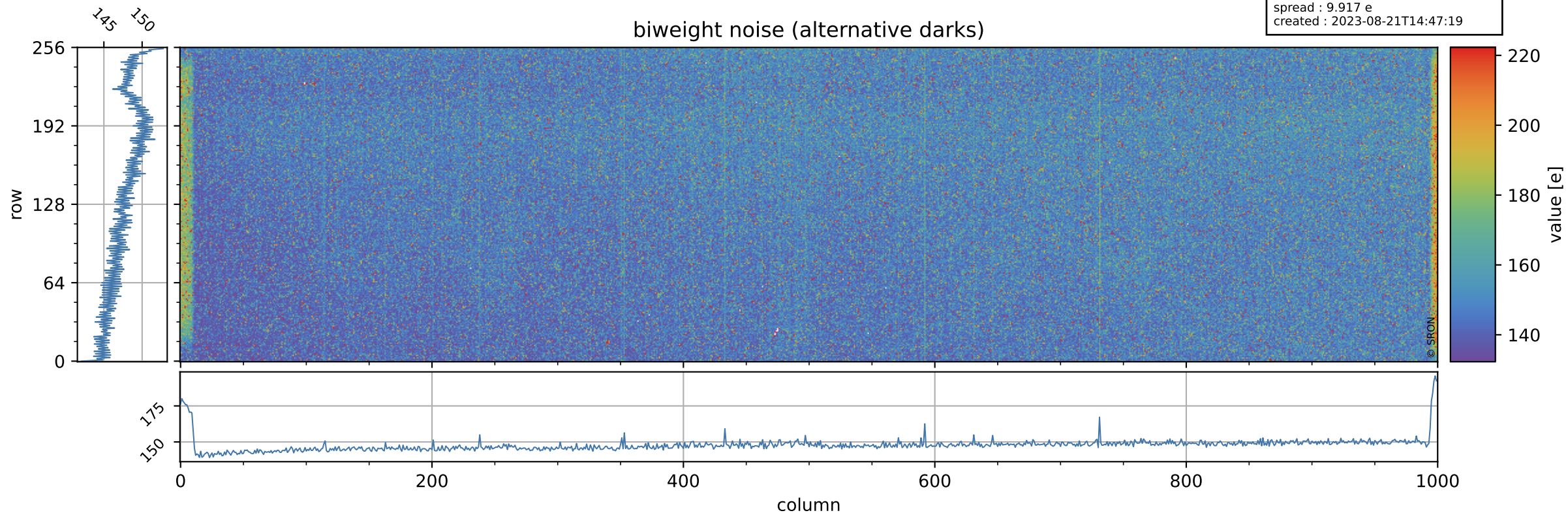
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7132, 7207]
coverage : 2019-02-27 / 2019-03-04
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 9.917 e
created : 2023-08-21T14:47:19

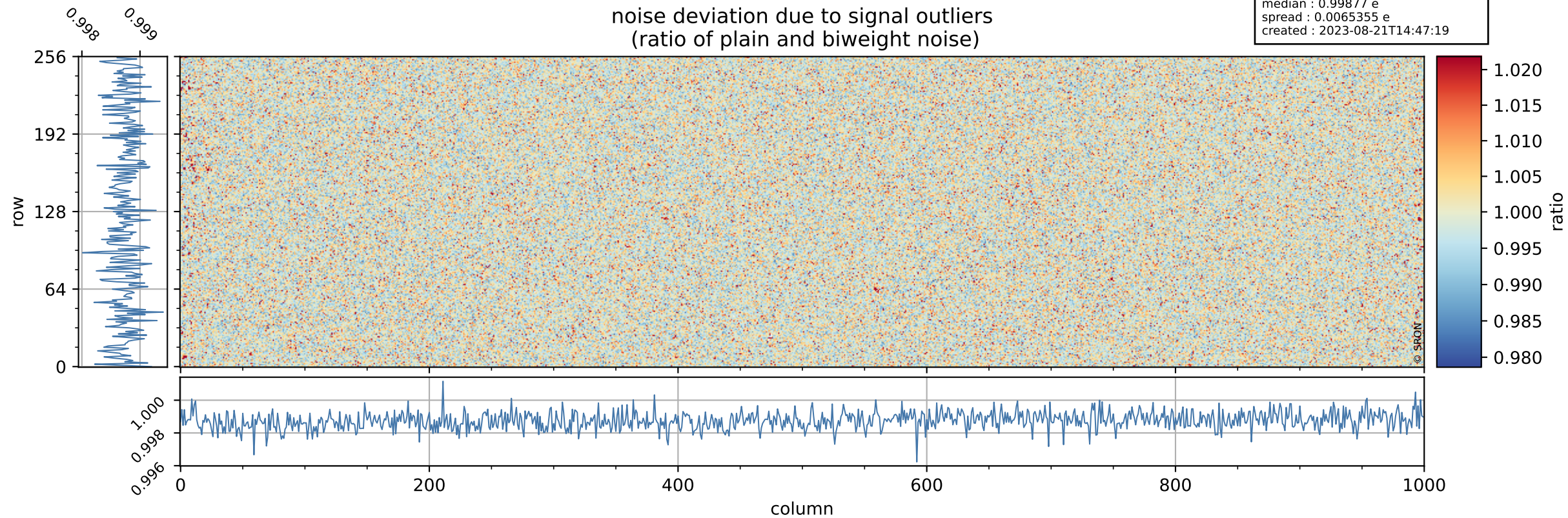
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

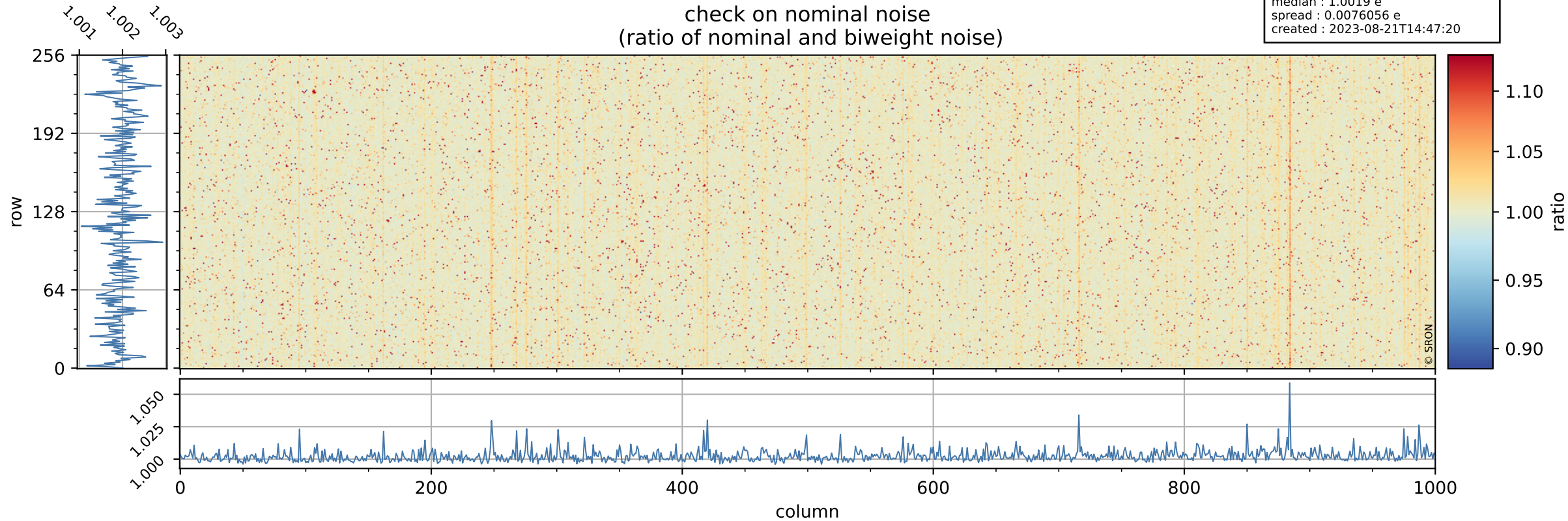
orbits : 13 in [7132, 7207]
coverage : 2019-02-27 / 2019-03-04
median : 0.99877 e
spread : 0.0065355 e
created : 2023-08-21T14:47:19



Tropomi SWIR background noise (swir)

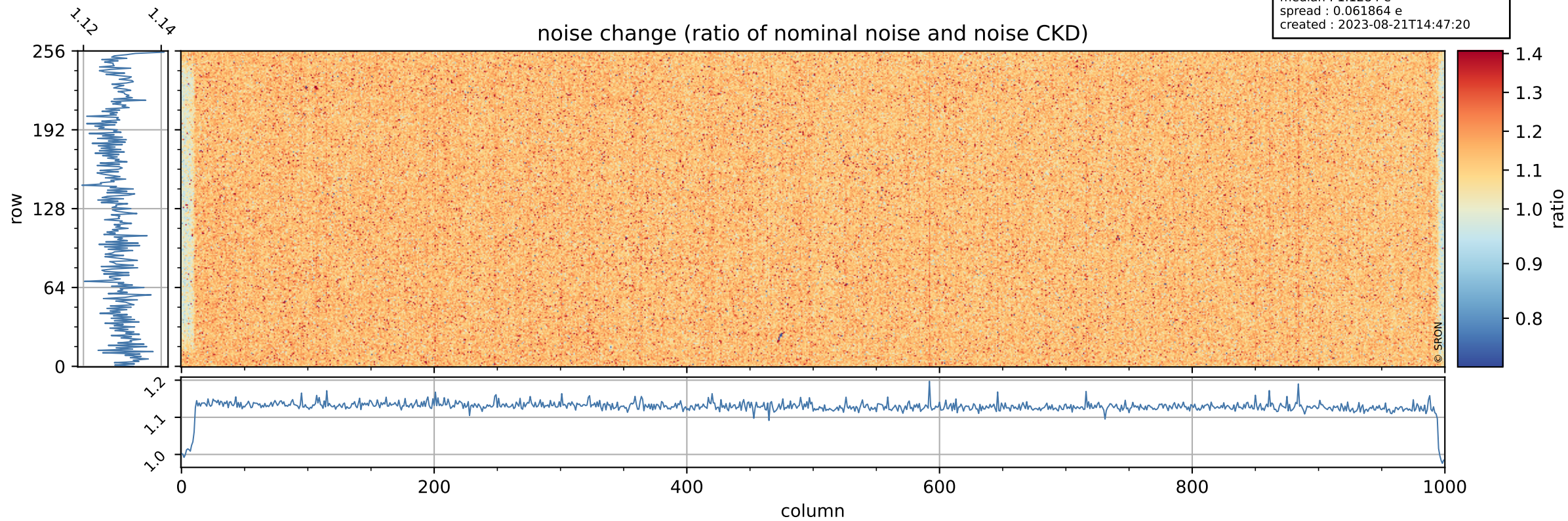
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [7132, 7207]
coverage : 2019-02-27 / 2019-03-04
median : 1.0019 e
spread : 0.0076056 e
created : 2023-08-21T14:47:20



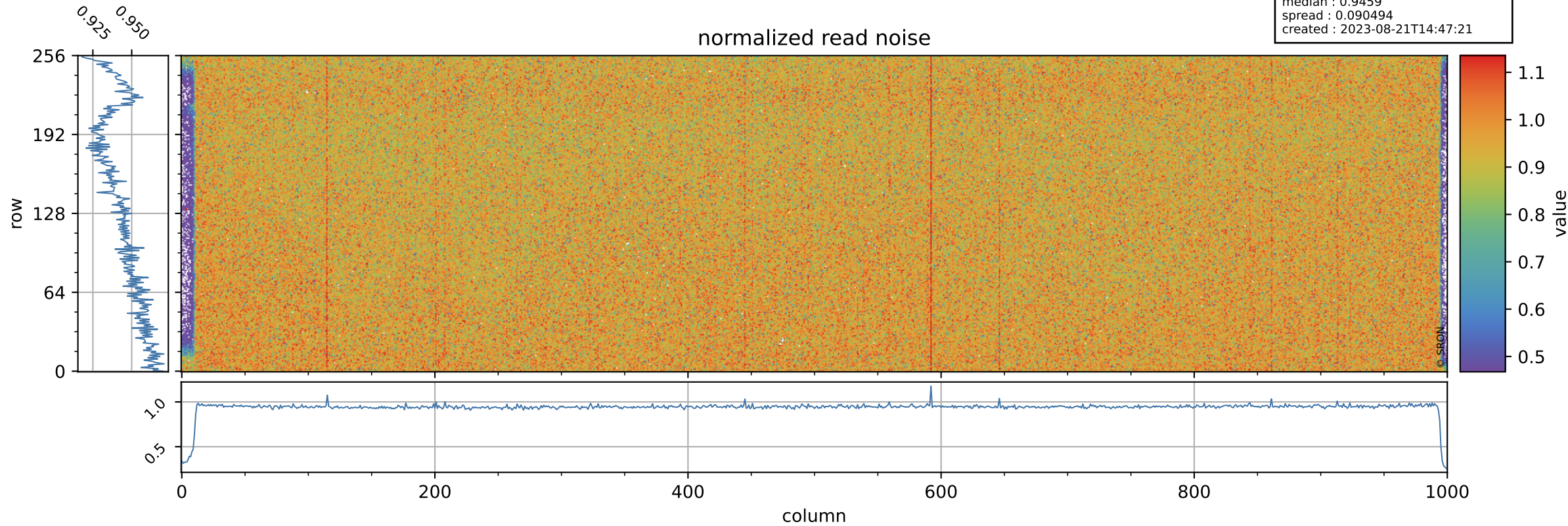
Tropomi SWIR background noise (swir)

orbits : 13 in [7132, 7207]
coverage : 2019-02-27 / 2019-03-04
median : 1.1284 e
spread : 0.061864 e
created : 2023-08-21T14:47:20



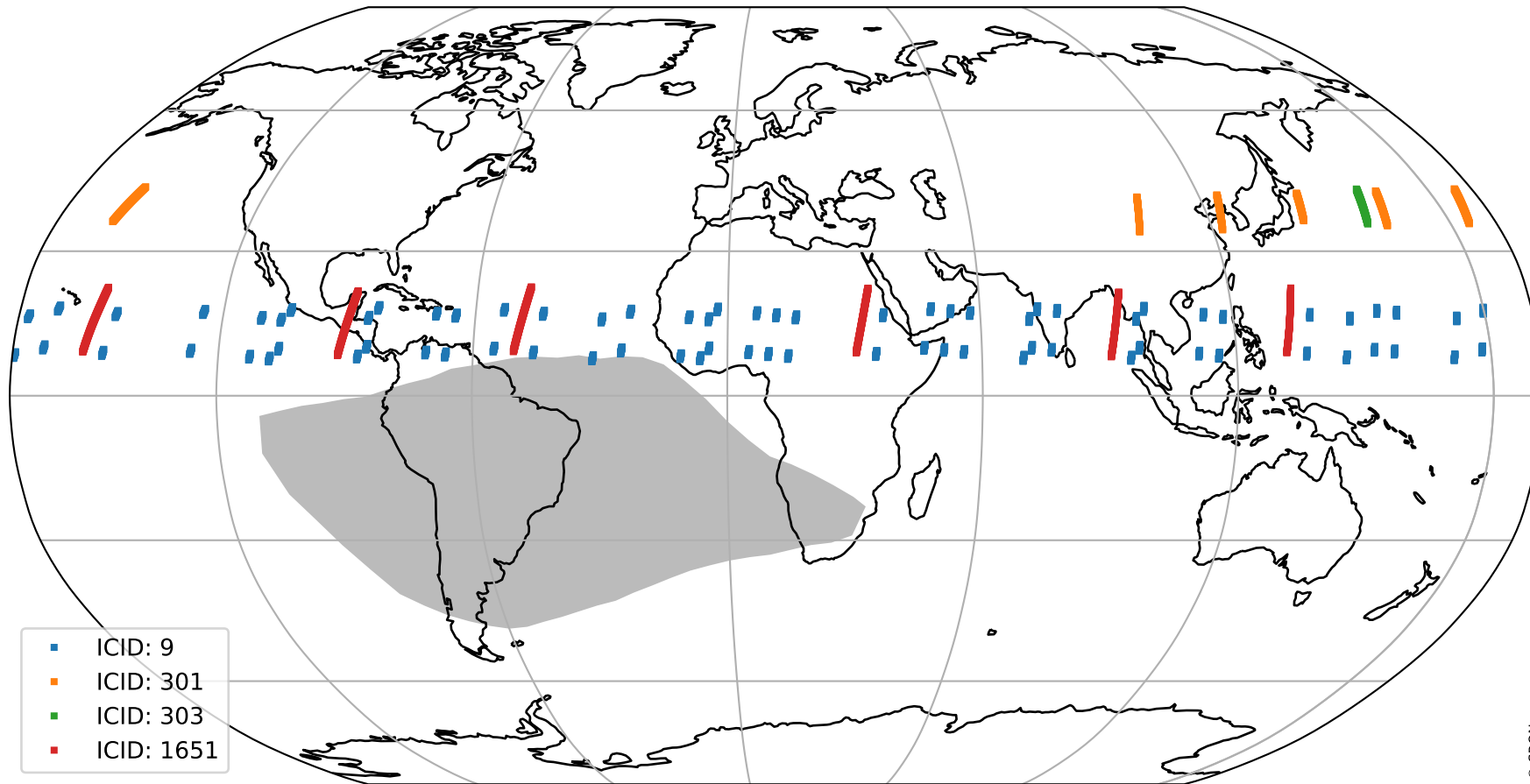
Tropomi SWIR background noise (swir)

orbits : 13 in [7132, 7207]
coverage : 2019-02-27 / 2019-03-04
median : 0.9459
spread : 0.090494
created : 2023-08-21T14:47:21



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

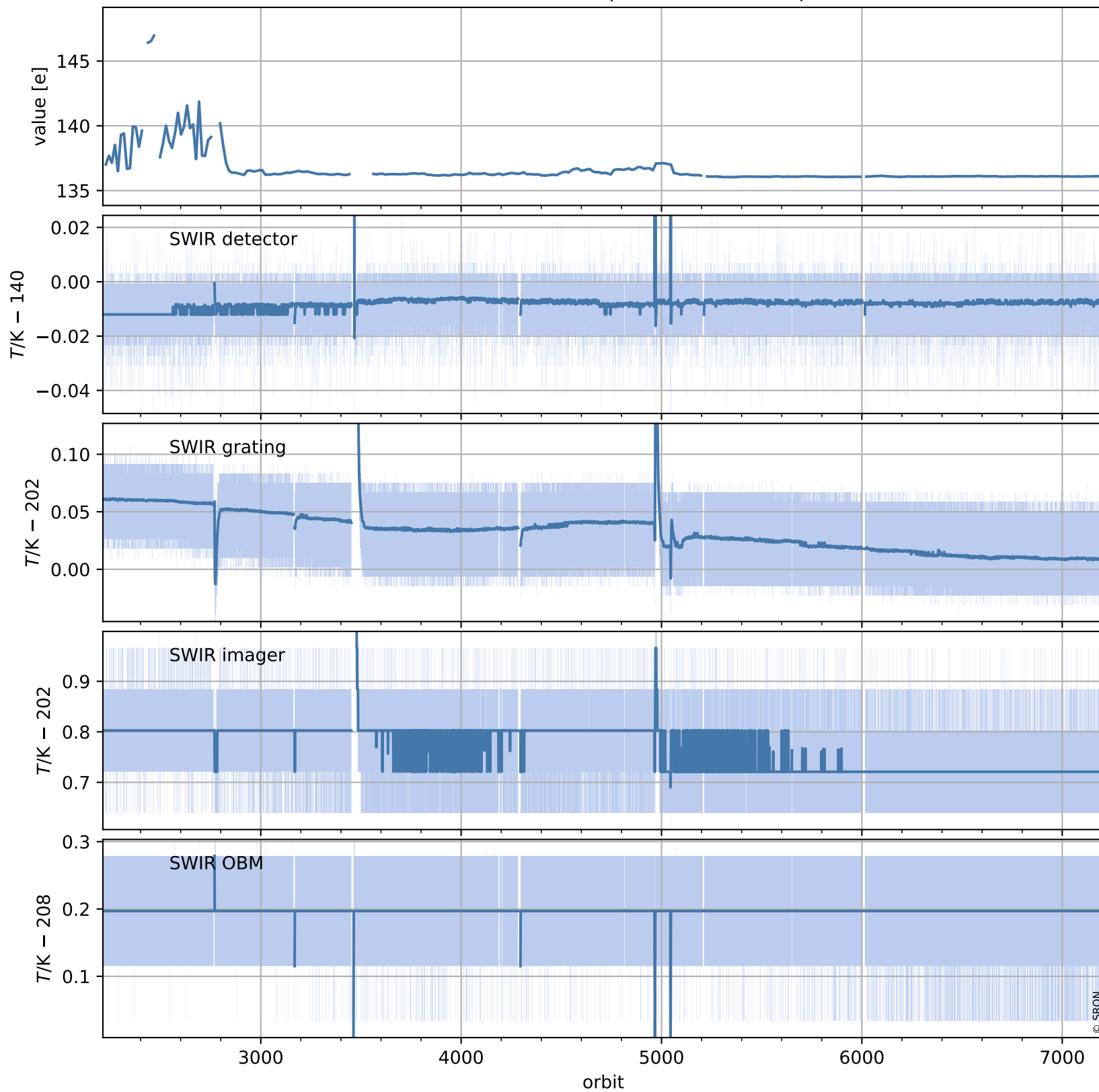
orbits : 13 in [7132, 7207]
coverage : 2019-02-27 / 2019-03-04
created : 2023-08-21T14:47:21



Tropomi SWIR background noise (swir)

orbits : [2212, 7207]
coverage : 2018-03-18 / 2019-03-04
created : 2023-08-21T14:47:22

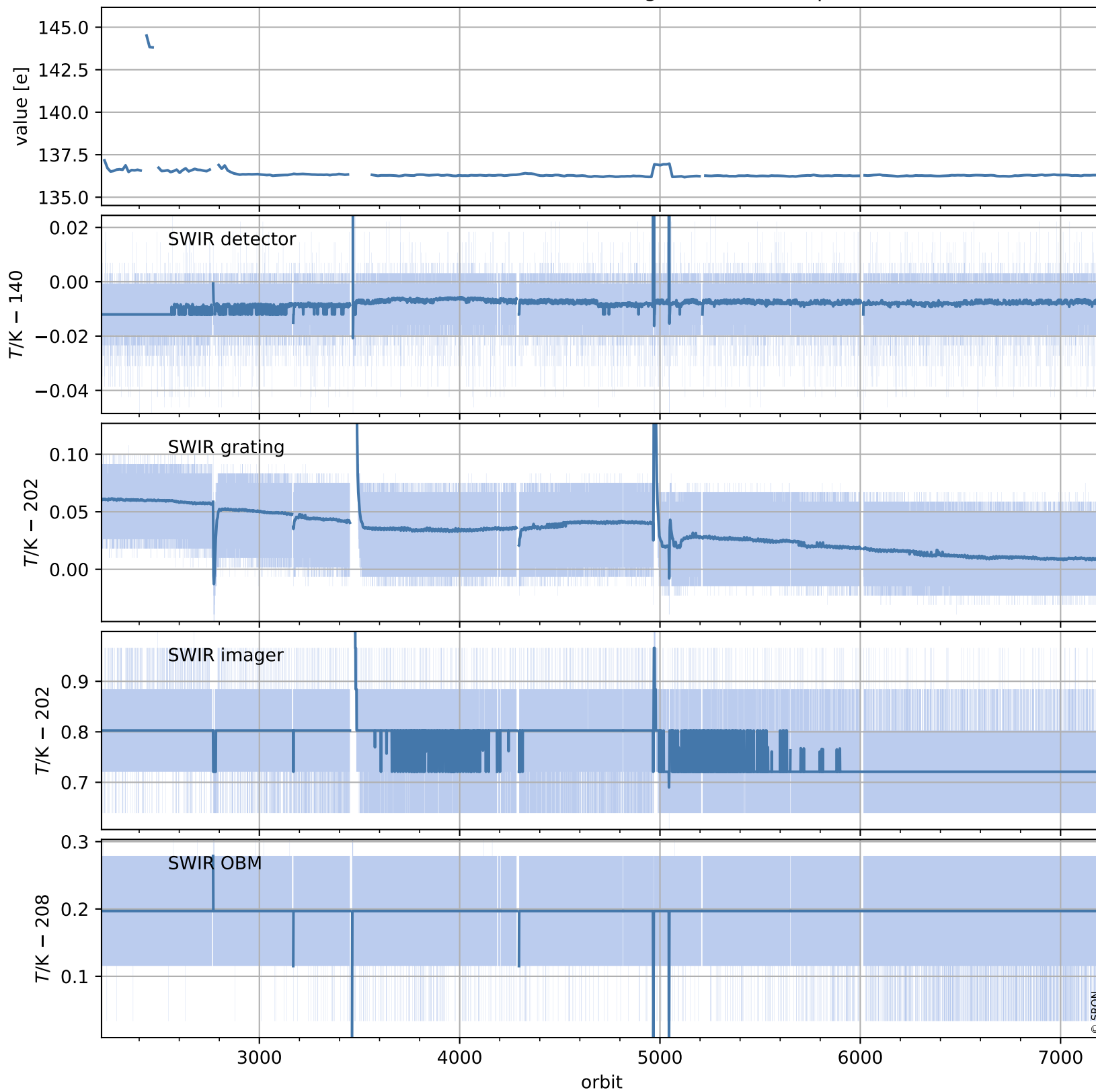
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7207]
coverage : 2018-03-18 / 2019-03-04
created : 2023-08-21T14:47:22

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7207]
coverage : 2018-03-18 / 2019-03-04
created : 2023-08-21T14:47:23

trend of normalized read-noise & temperatures

