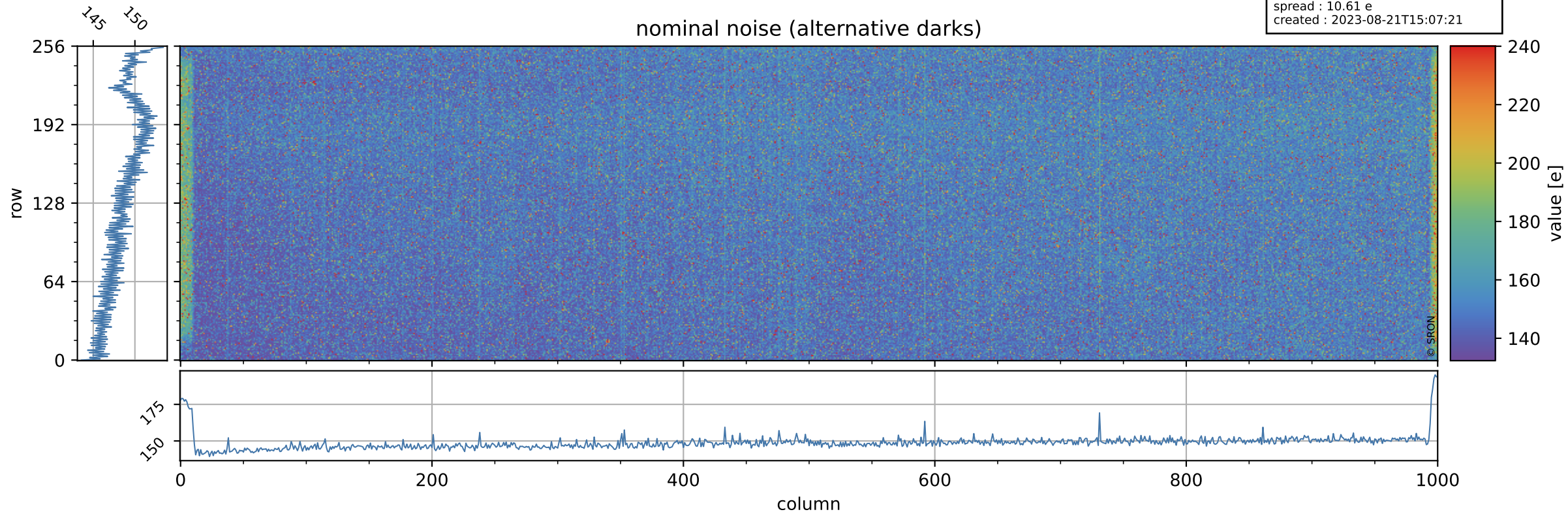


Tropomi SWIR background noise (swir)

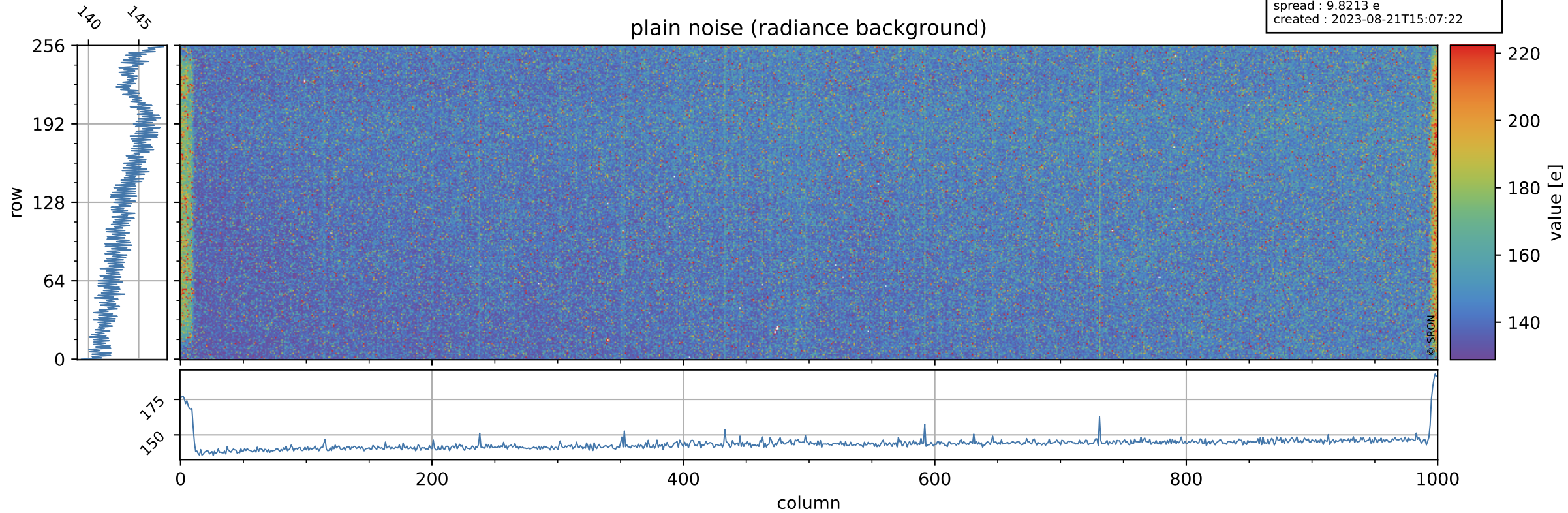
orbits : 12 in [9757, 9847]
coverage : 2019-09-01 / 2019-09-07
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.61 e
created : 2023-08-21T15:07:21



Tropomi SWIR background noise (swir)

orbits : 12 in [9757, 9847]
coverage : 2019-09-01 / 2019-09-07
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8213 e
created : 2023-08-21T15:07:22

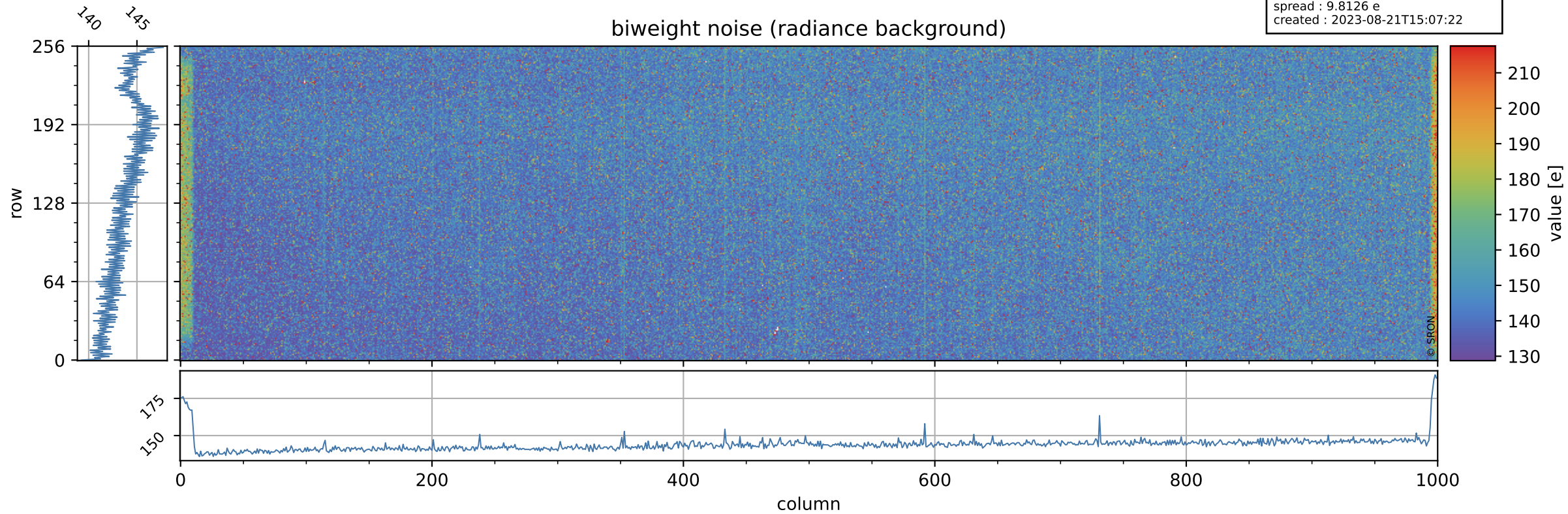
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9757, 9847]
coverage : 2019-09-01 / 2019-09-07
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.8126 e
created : 2023-08-21T15:07:22

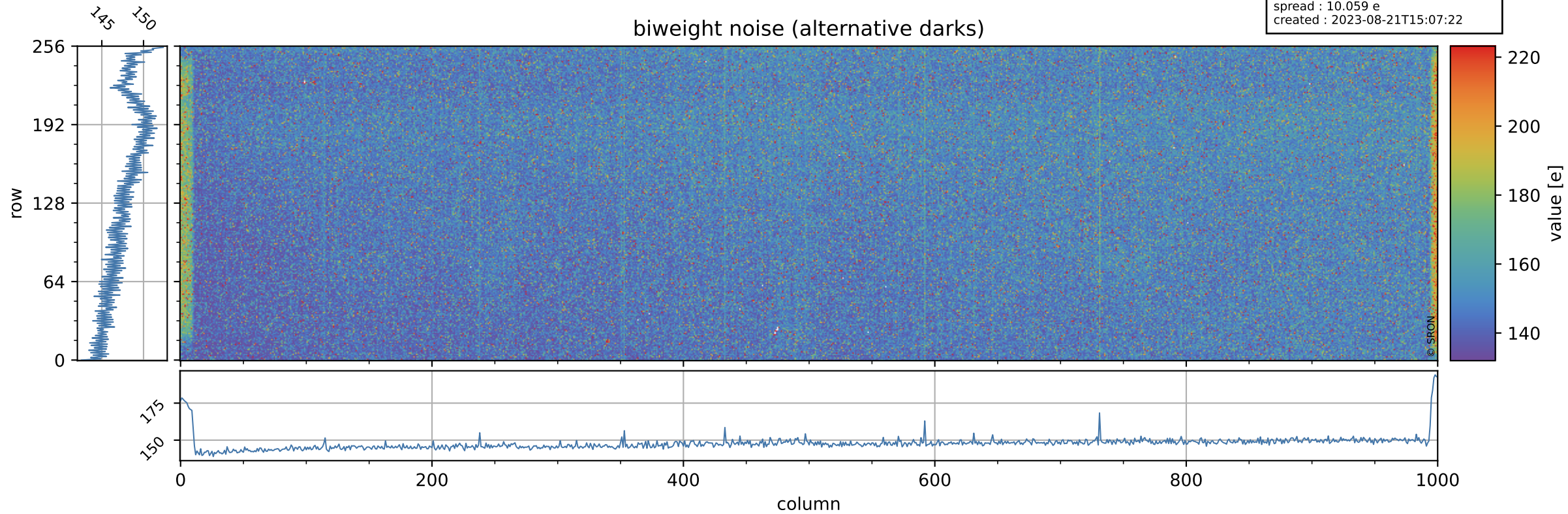
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9757, 9847]
coverage : 2019-09-01 / 2019-09-07
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 10.059 e
created : 2023-08-21T15:07:22

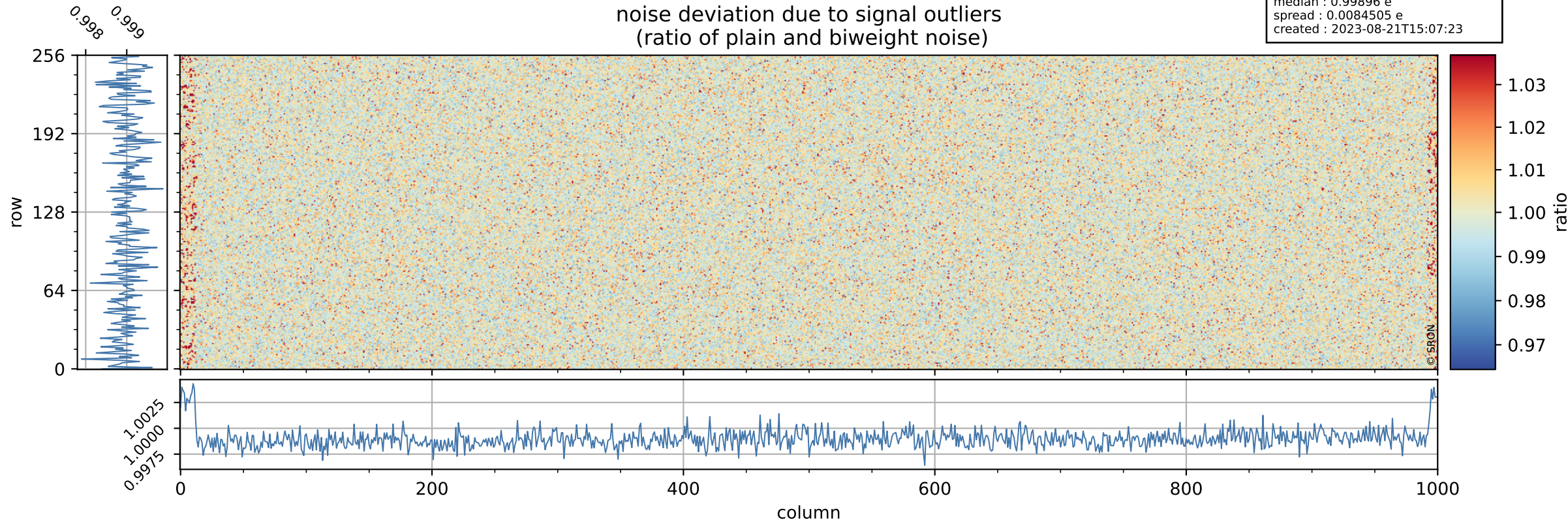
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

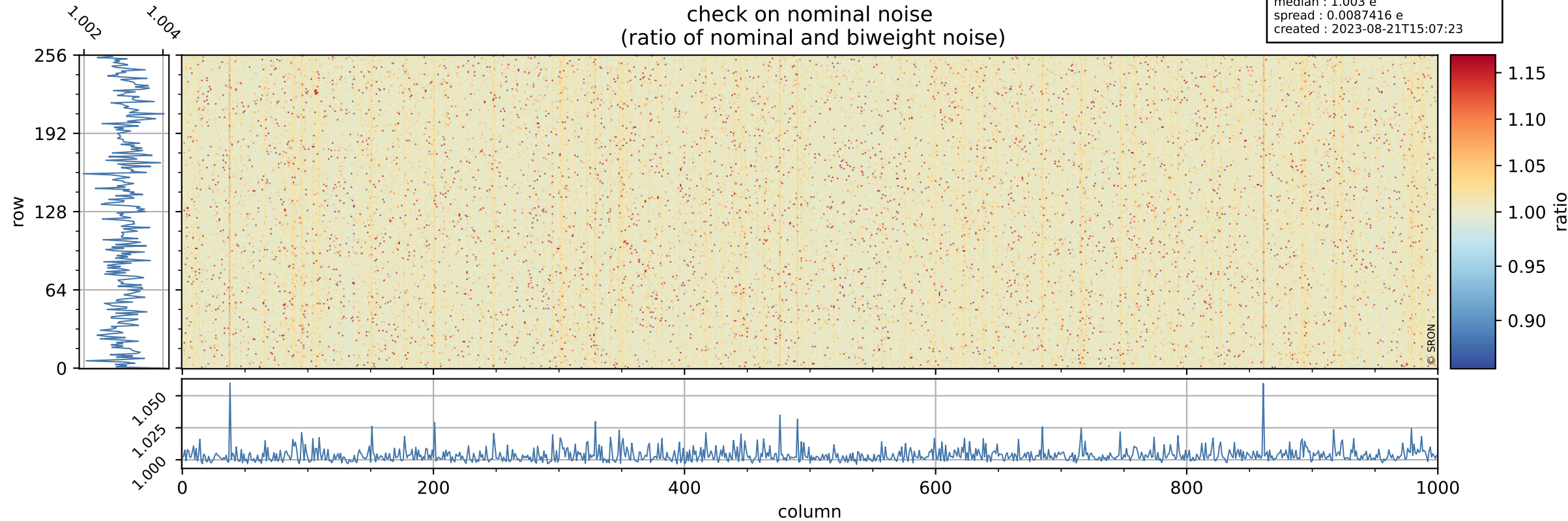
orbits : 12 in [9757, 9847]
coverage : 2019-09-01 / 2019-09-07
median : 0.99896 e
spread : 0.0084505 e
created : 2023-08-21T15:07:23



Tropomi SWIR background noise (swir)

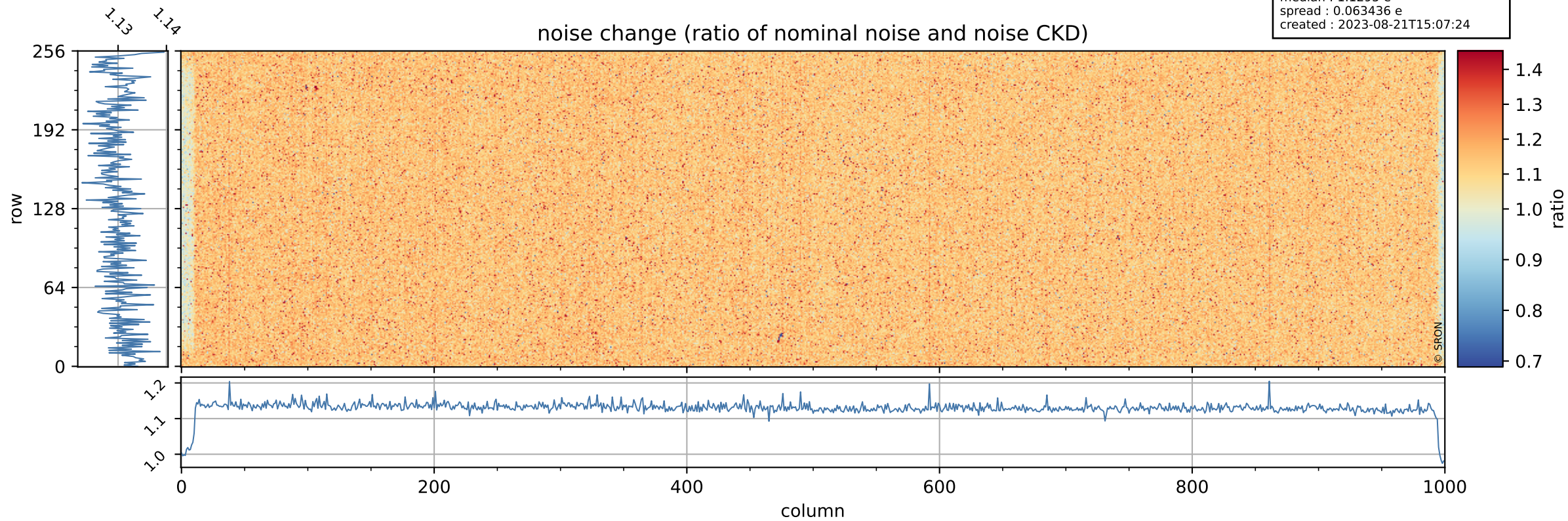
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9757, 9847]
coverage : 2019-09-01 / 2019-09-07
median : 1.003 e
spread : 0.0087416 e
created : 2023-08-21T15:07:23



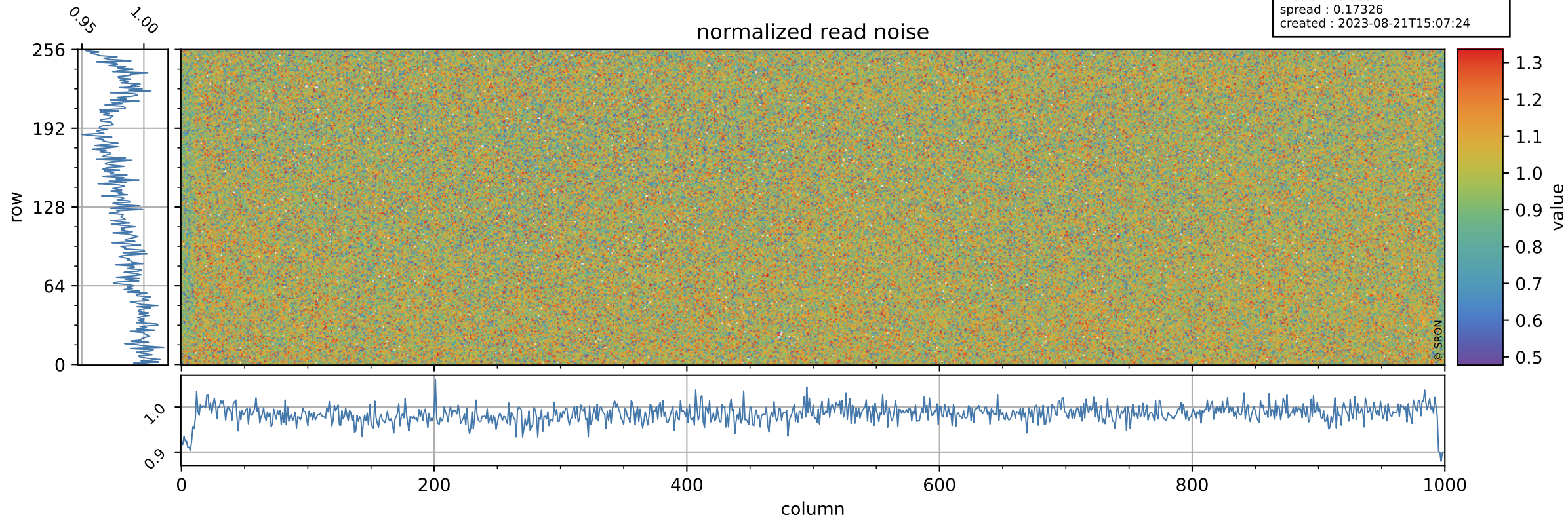
Tropomi SWIR background noise (swir)

orbits : 12 in [9757, 9847]
coverage : 2019-09-01 / 2019-09-07
median : 1.1295 e
spread : 0.063436 e
created : 2023-08-21T15:07:24



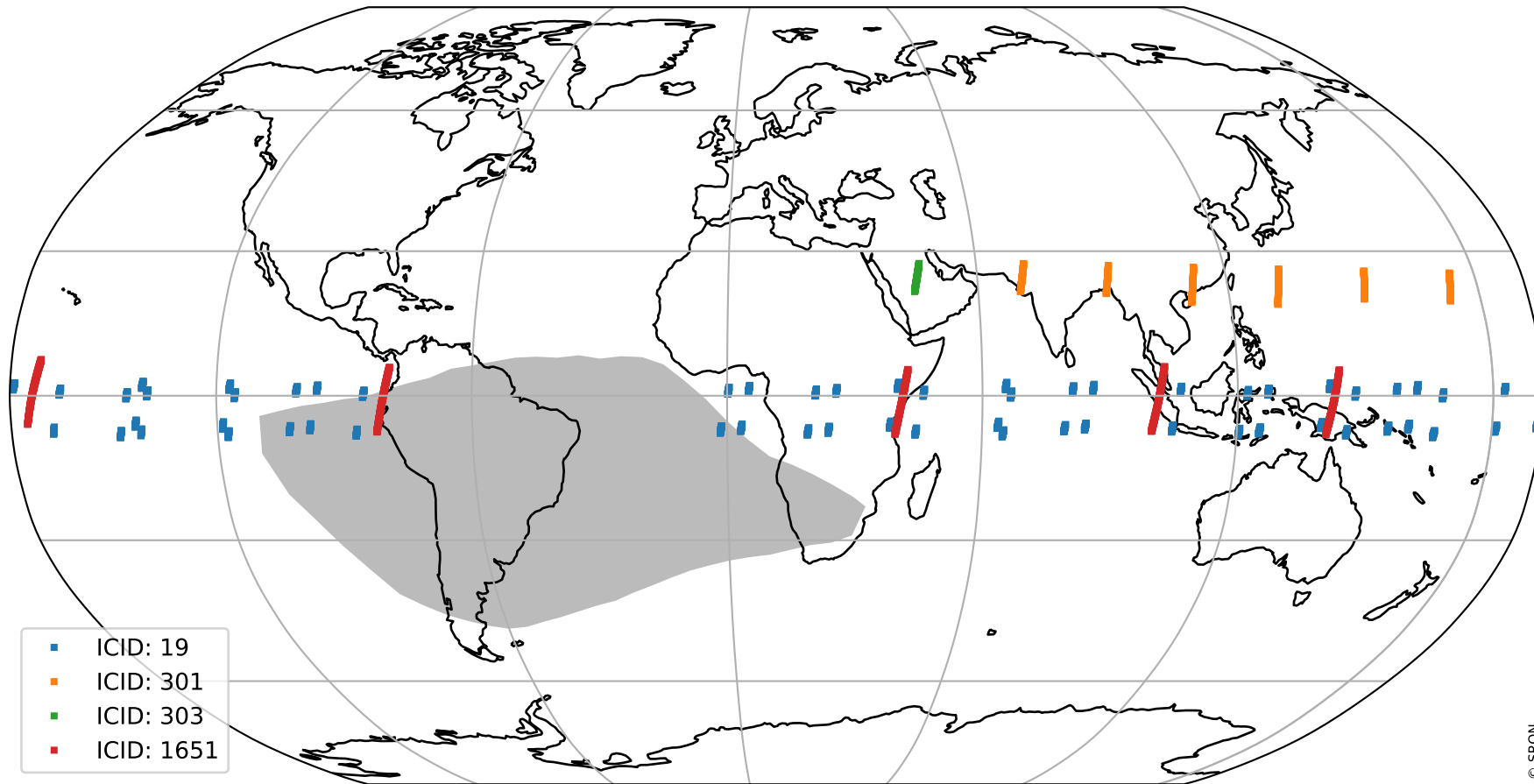
Tropomi SWIR background noise (swir)

orbits : 12 in [9757, 9847]
coverage : 2019-09-01 / 2019-09-07
median : 0.98316
spread : 0.17326
created : 2023-08-21T15:07:24



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

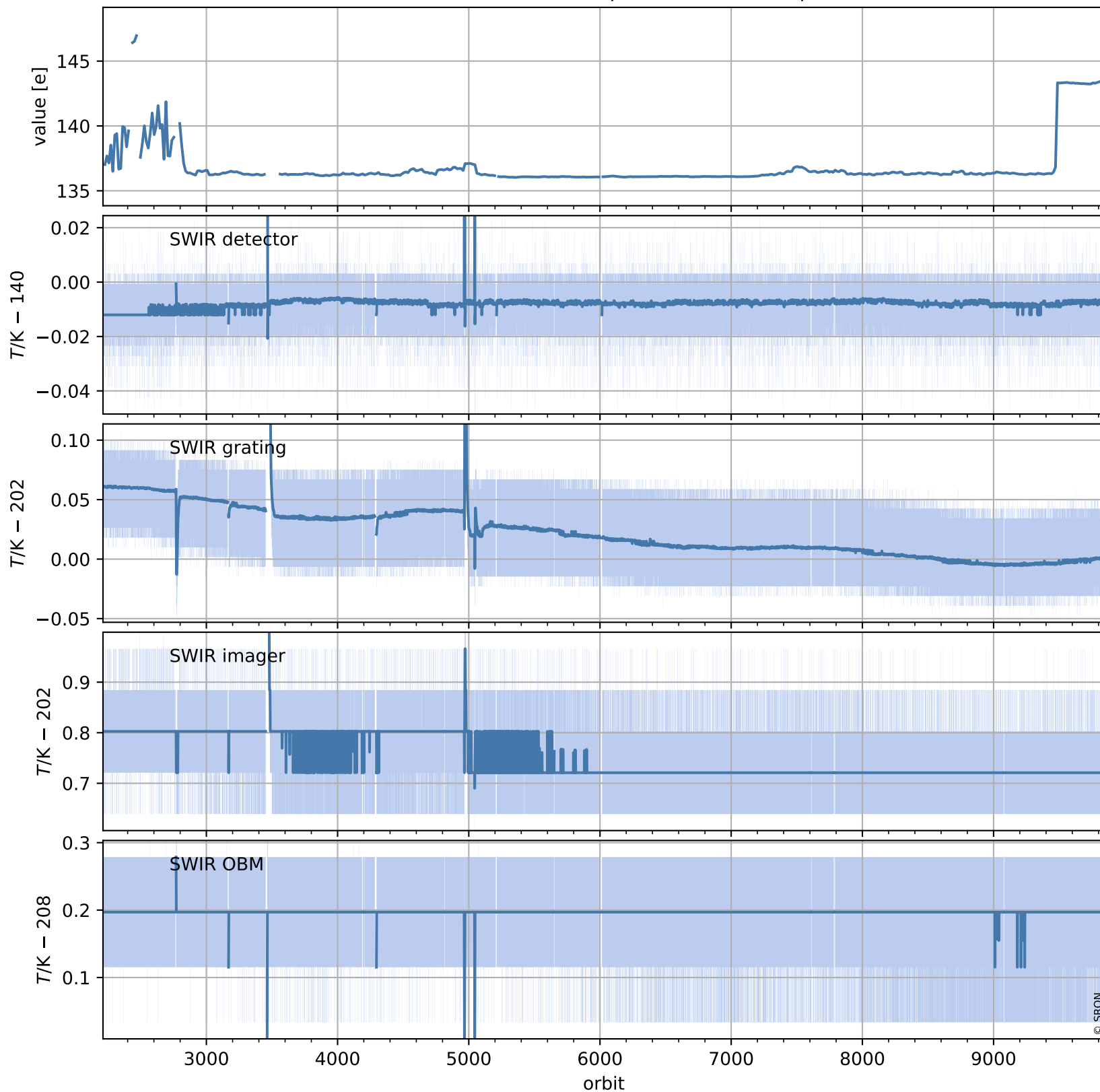
orbits : 12 in [9757, 9847]
coverage : 2019-09-01 / 2019-09-07
created : 2023-08-21T15:07:24



Tropomi SWIR background noise (swir)

orbits : [2212, 9847]
coverage : 2018-03-18 / 2019-09-07
created : 2023-08-21T15:07:25

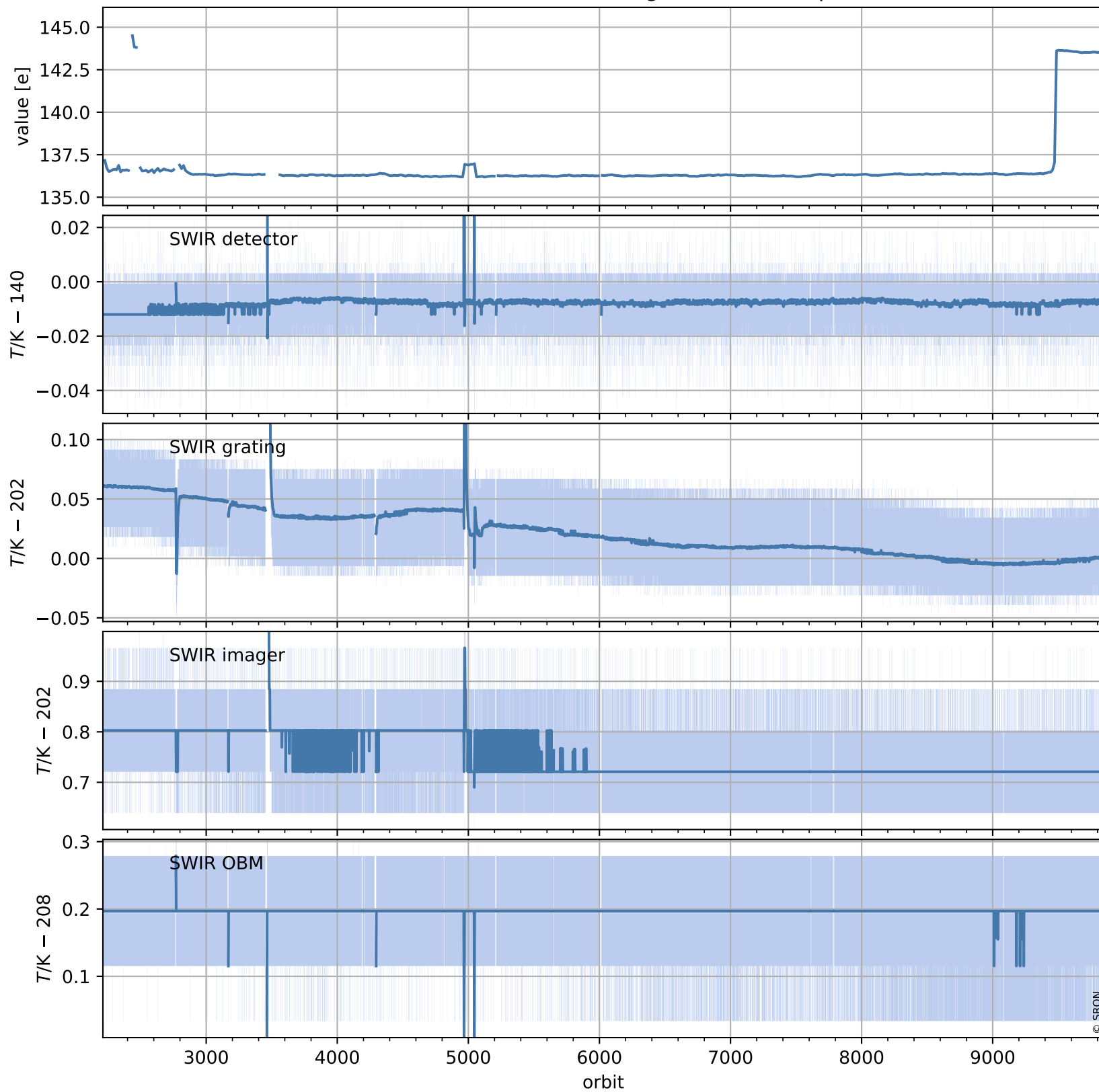
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9847]
coverage : 2018-03-18 / 2019-09-07
created : 2023-08-21T15:07:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9847]
coverage : 2018-03-18 / 2019-09-07
created : 2023-08-21T15:07:27

trend of normalized read-noise & temperatures

