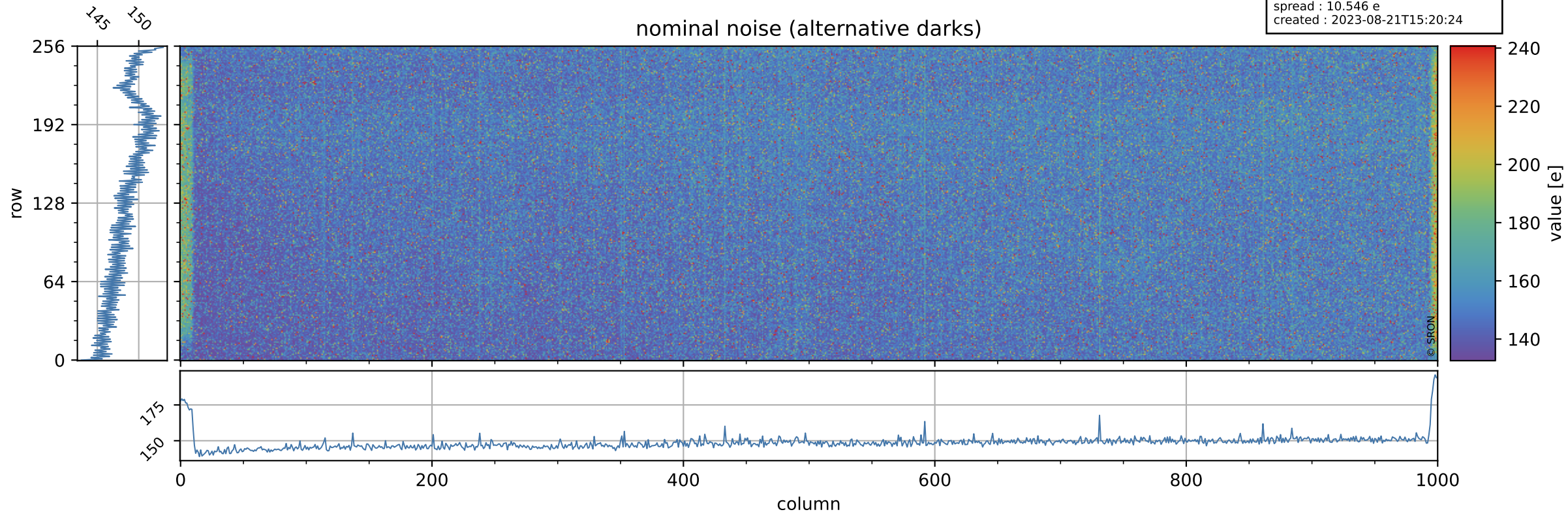


Tropomi SWIR background noise (swir)

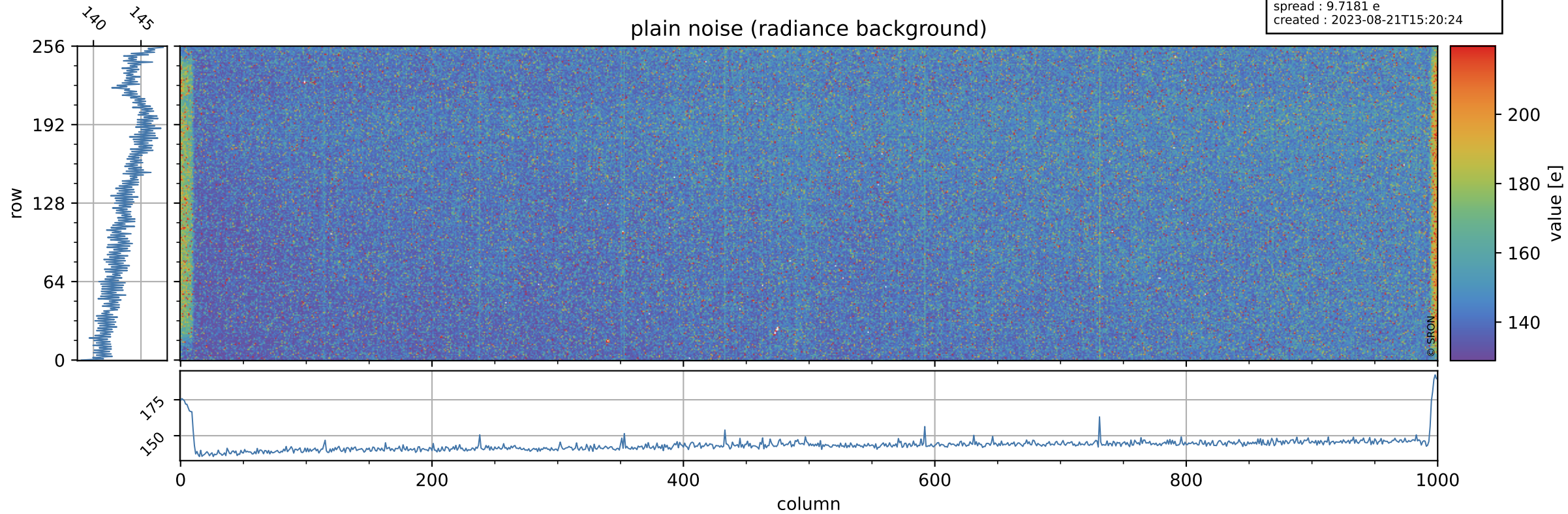
orbits : 13 in [11467, 11542]
coverage : 2019-12-29 / 2020-01-04
n_coad, t_exp : 1, 1.0783
median : 148.43 e
spread : 10.546 e
created : 2023-08-21T15:20:24



Tropomi SWIR background noise (swir)

orbits : 13 in [11467, 11542]
coverage : 2019-12-29 / 2020-01-04
n_coad, t_exp : 1, 0.8383
median : 143.33 e
spread : 9.7181 e
created : 2023-08-21T15:20:24

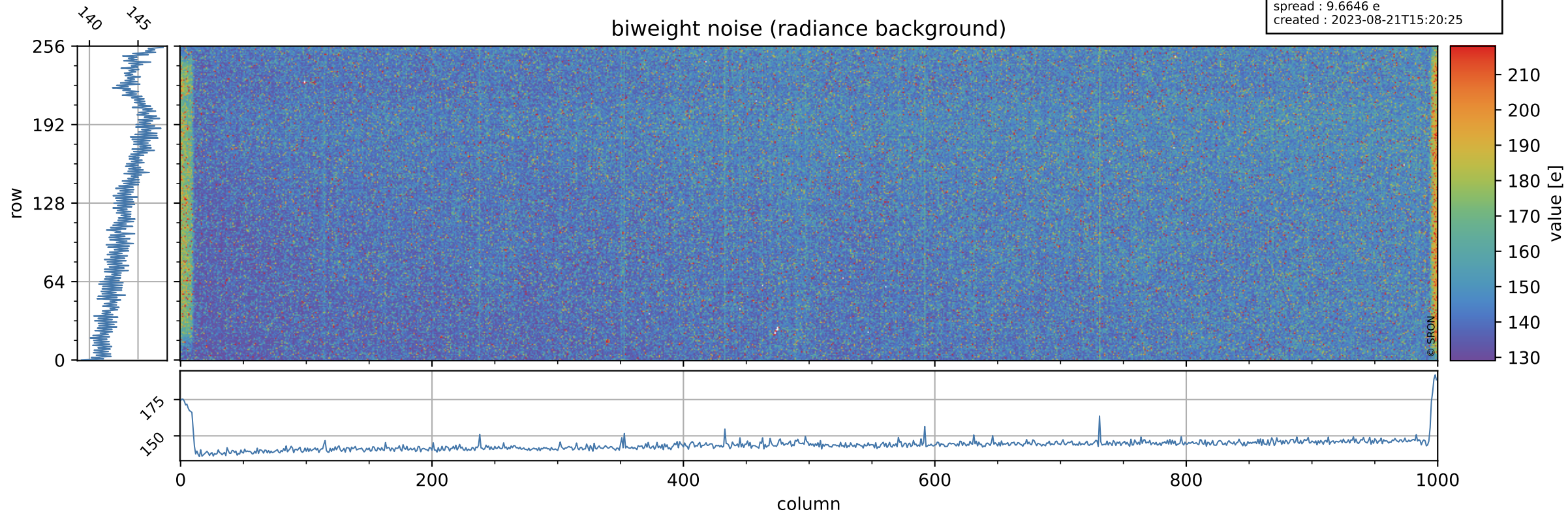
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [11467, 11542]
coverage : 2019-12-29 / 2020-01-04
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.6646 e
created : 2023-08-21T15:20:25

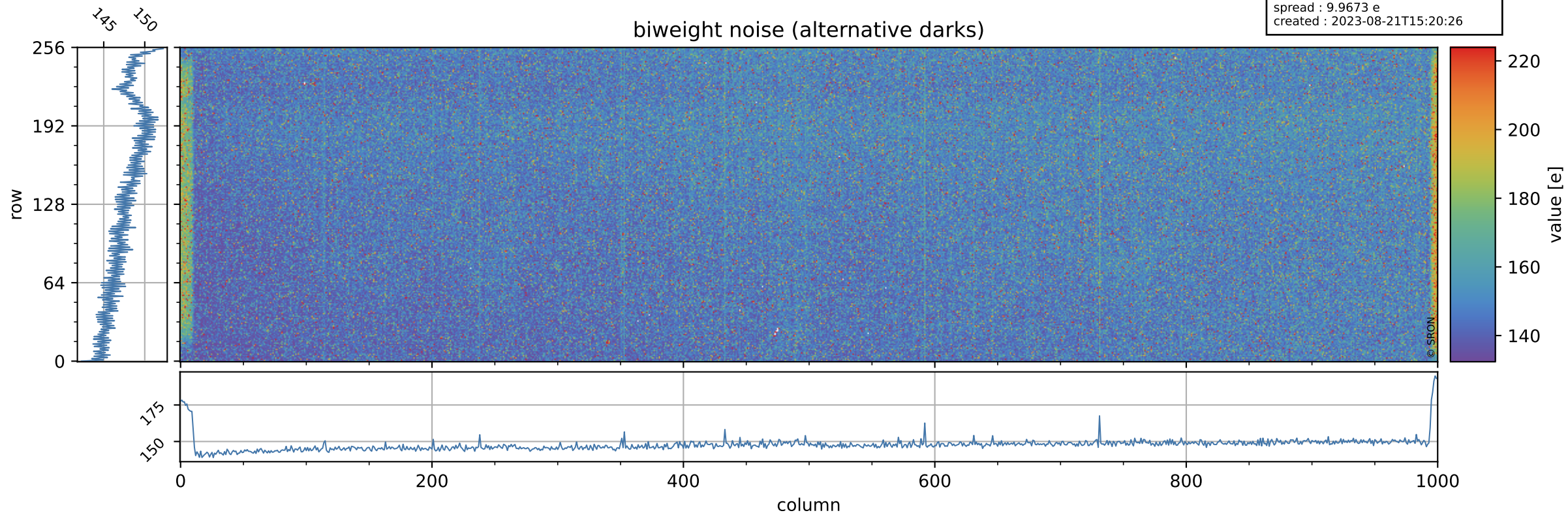
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [11467, 11542]
coverage : 2019-12-29 / 2020-01-04
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 9.9673 e
created : 2023-08-21T15:20:26

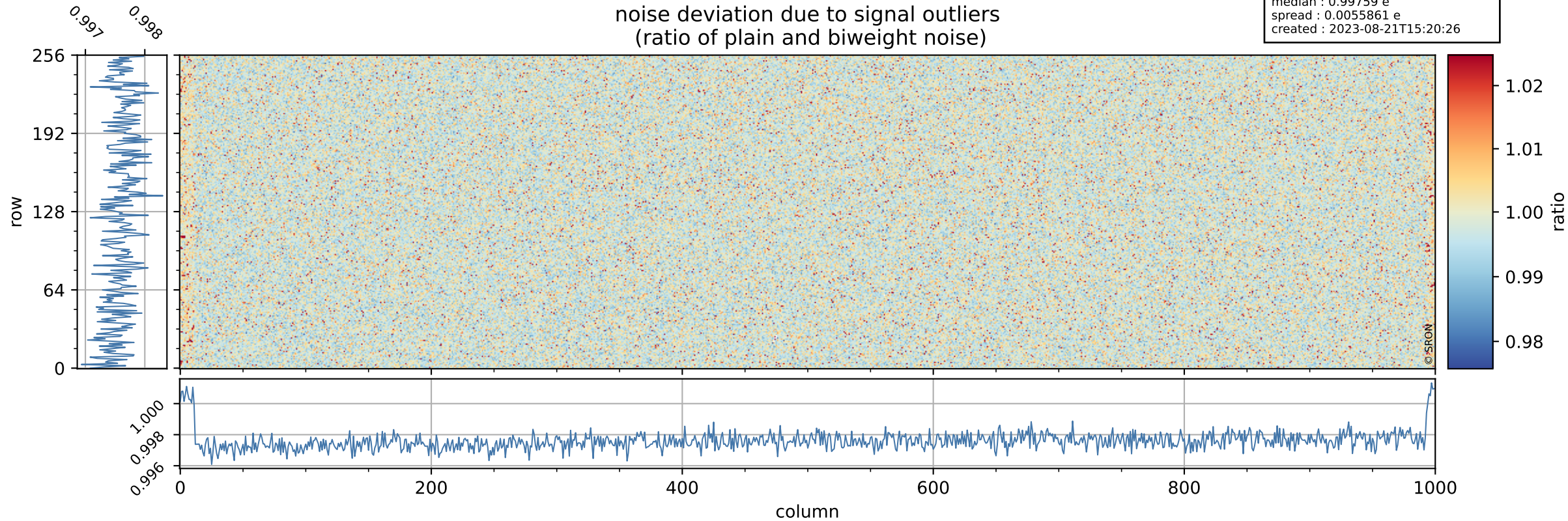
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

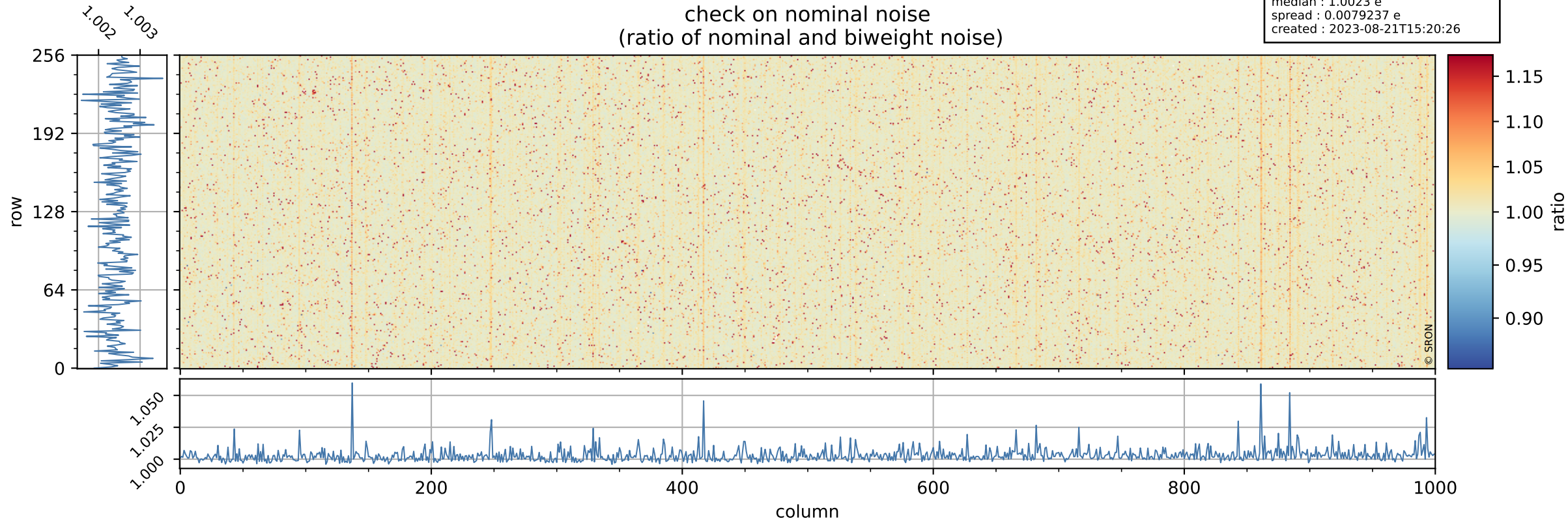
orbits : 13 in [11467, 11542]
coverage : 2019-12-29 / 2020-01-04
median : 0.99759 e
spread : 0.0055861 e
created : 2023-08-21T15:20:26



Tropomi SWIR background noise (swir)

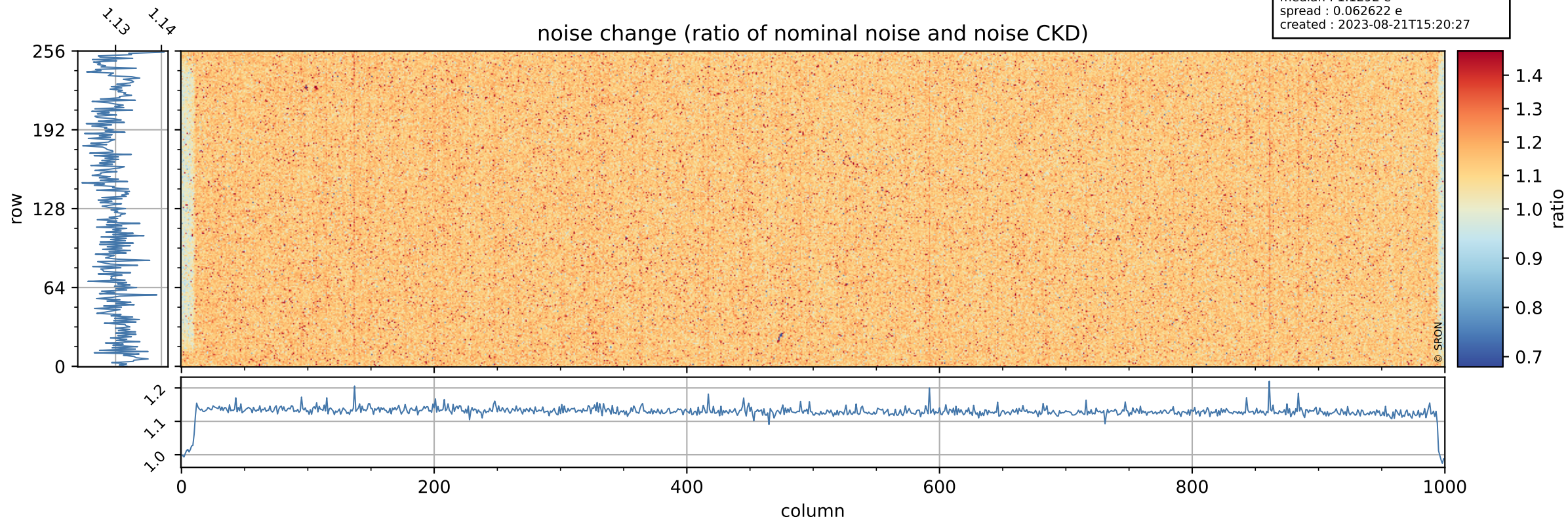
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [11467, 11542]
coverage : 2019-12-29 / 2020-01-04
median : 1.0023 e
spread : 0.0079237 e
created : 2023-08-21T15:20:26



Tropomi SWIR background noise (swir)

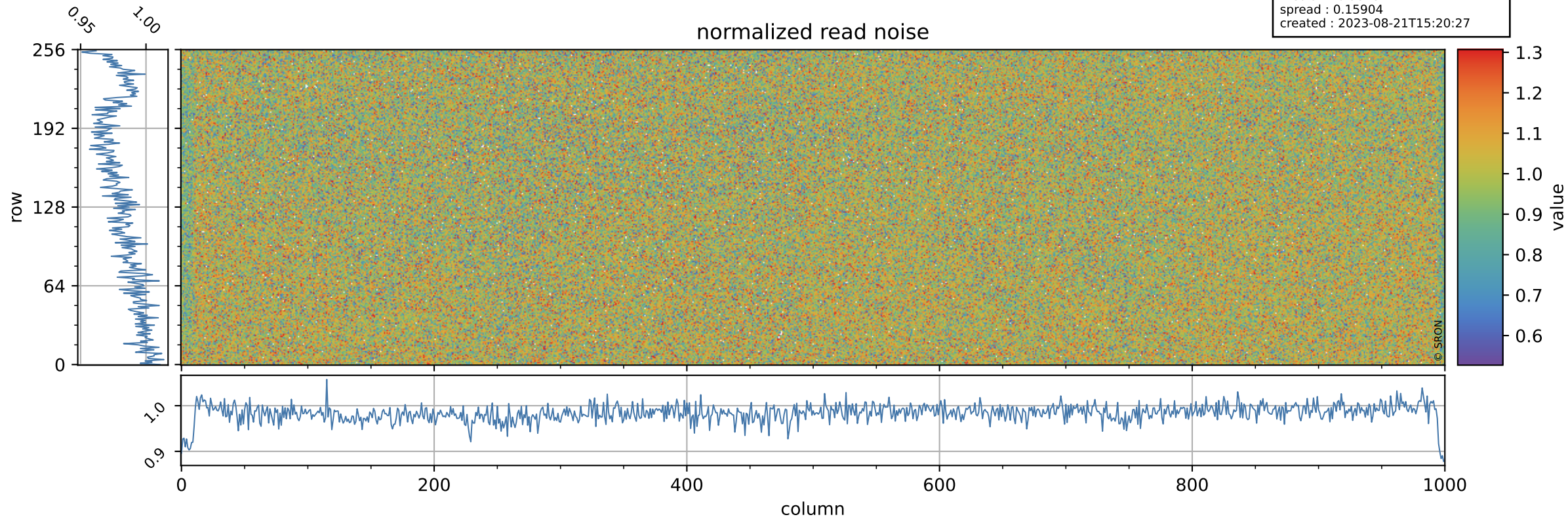
orbits : 13 in [11467, 11542]
coverage : 2019-12-29 / 2020-01-04
median : 1.1292 e
spread : 0.062622 e
created : 2023-08-21T15:20:27



Tropomi SWIR background noise (swir)

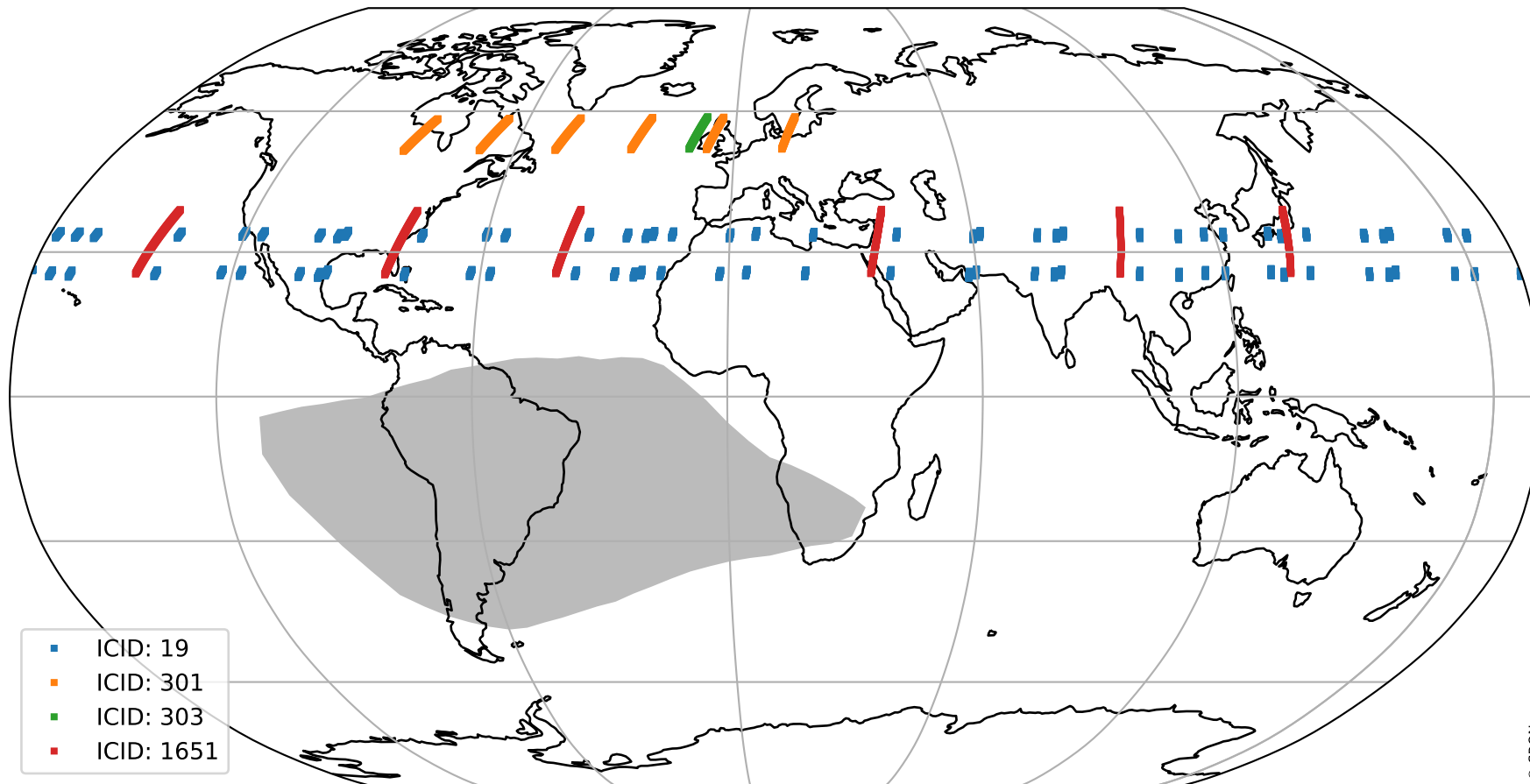
orbits : 13 in [11467, 11542]
coverage : 2019-12-29 / 2020-01-04
median : 0.98281
spread : 0.15904
created : 2023-08-21T15:20:27

normalized read noise



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

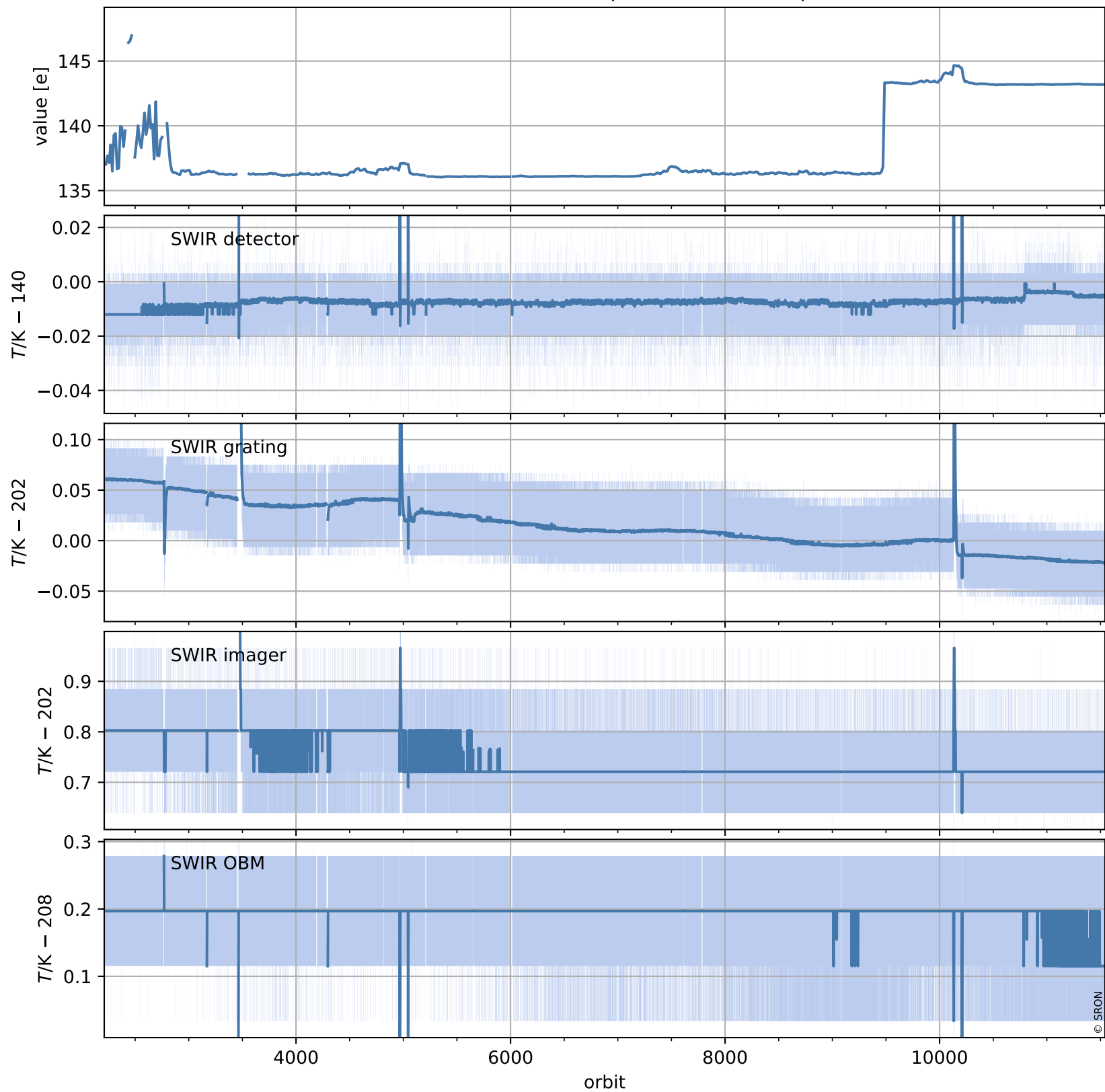
orbits : 13 in [11467, 11542]
coverage : 2019-12-29 / 2020-01-04
created : 2023-08-21T15:20:27



Tropomi SWIR background noise (swir)

orbits : [2212, 11542]
coverage : 2018-03-18 / 2020-01-04
created : 2023-08-21T15:20:28

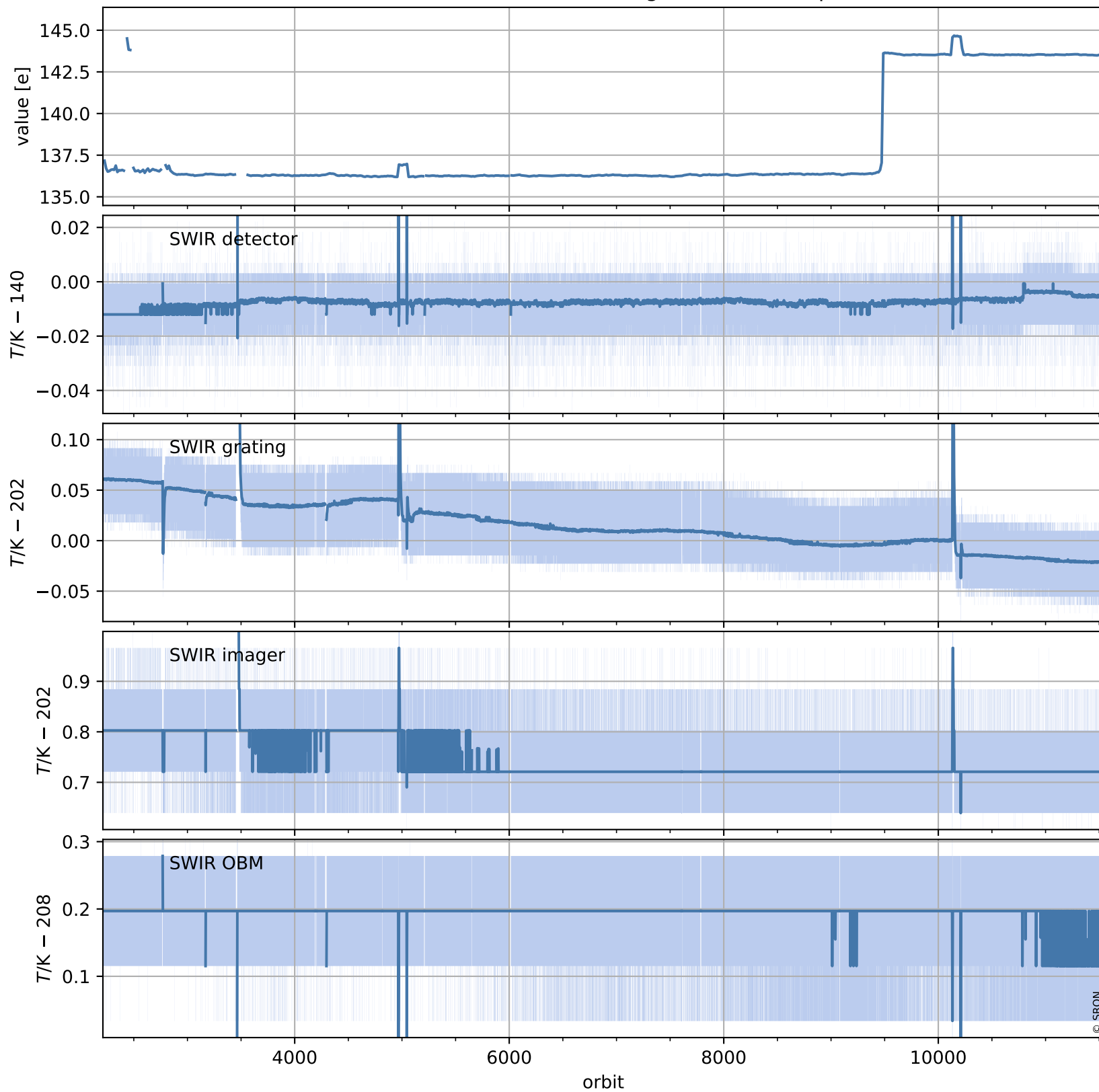
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11542]
coverage : 2018-03-18 / 2020-01-04
created : 2023-08-21T15:20:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11542]
coverage : 2018-03-18 / 2020-01-04
created : 2023-08-21T15:20:29

trend of normalized read-noise & temperatures

