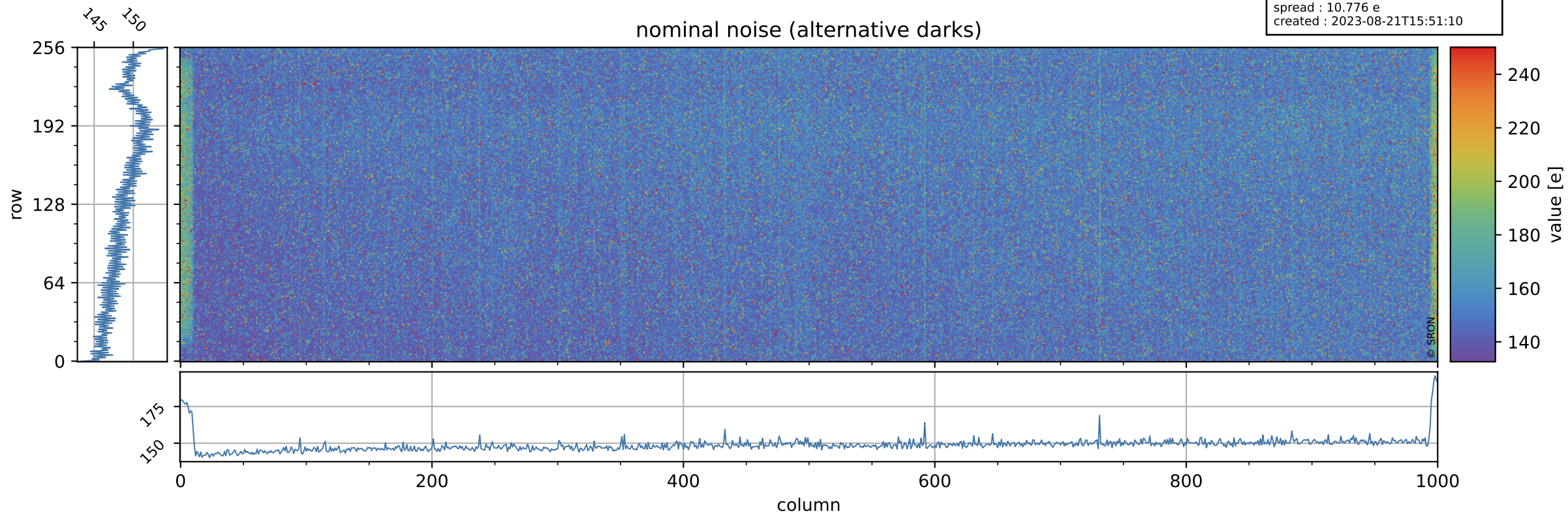


Tropomi SWIR background noise (swir)

orbits : 12 in [16957, 17047]
coverage : 2021-01-21 / 2021-01-27
n_coad, t_exp : 1, 1.0783
median : 148.7 e
spread : 10.776 e
created : 2023-08-21T15:51:10

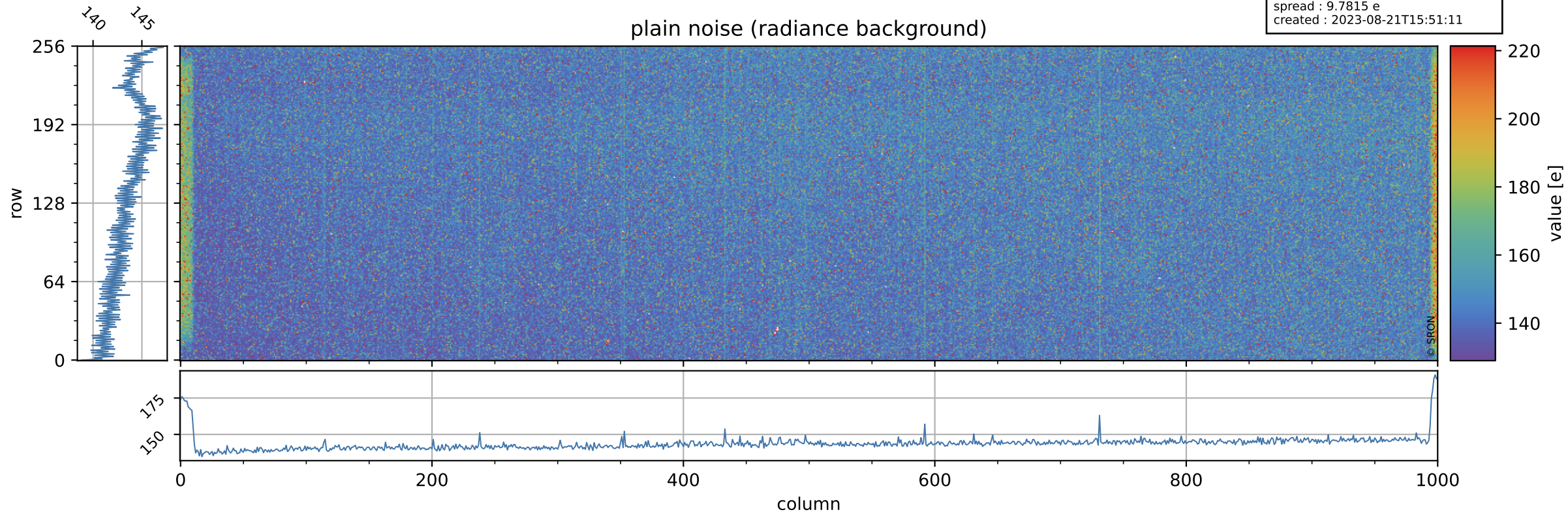
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16957, 17047]
coverage : 2021-01-21 / 2021-01-27
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.7815 e
created : 2023-08-21T15:51:11

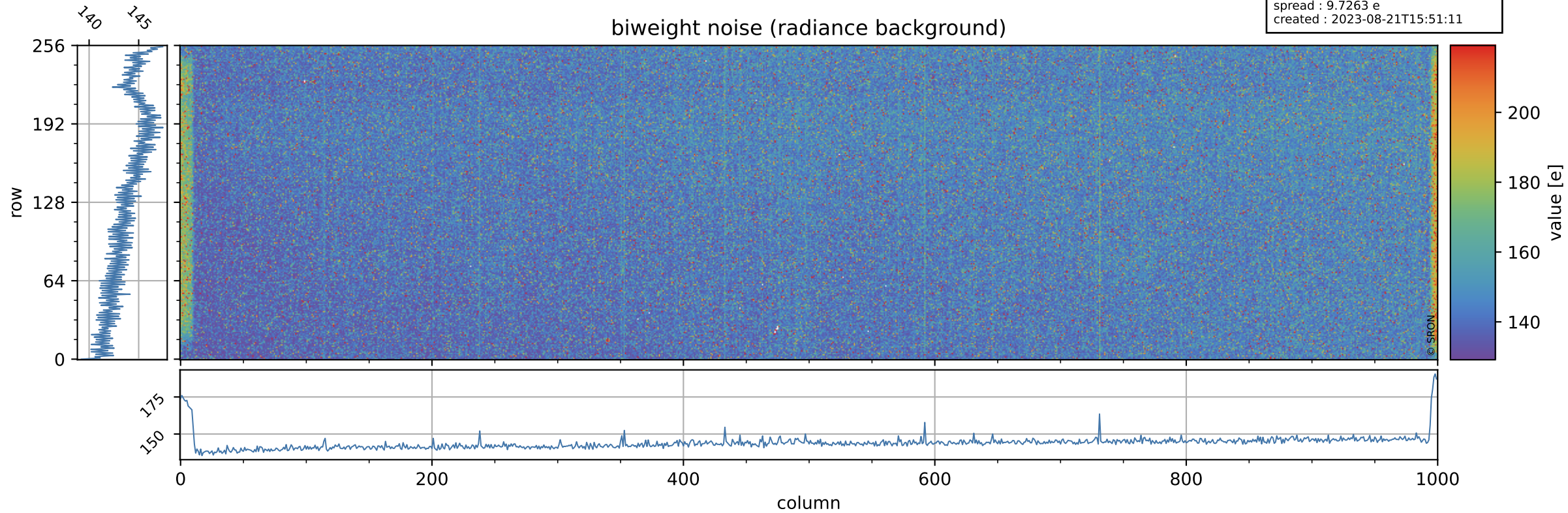
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16957, 17047]
coverage : 2021-01-21 / 2021-01-27
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.7263 e
created : 2023-08-21T15:51:11

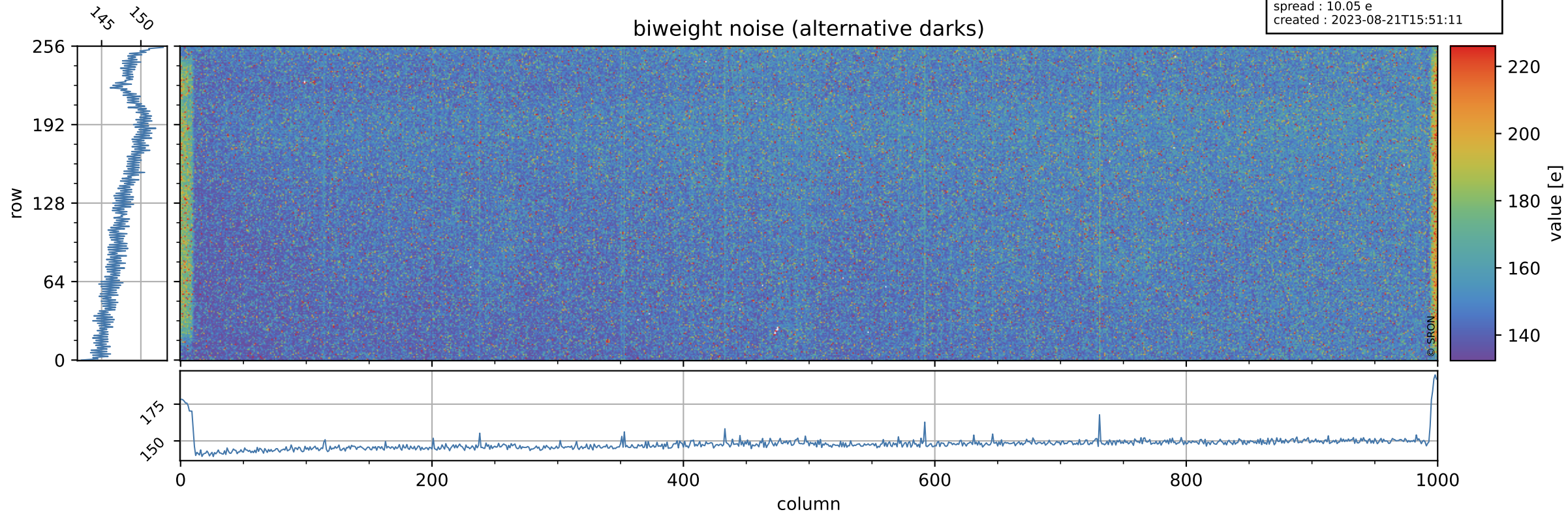
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16957, 17047]
coverage : 2021-01-21 / 2021-01-27
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.05 e
created : 2023-08-21T15:51:11

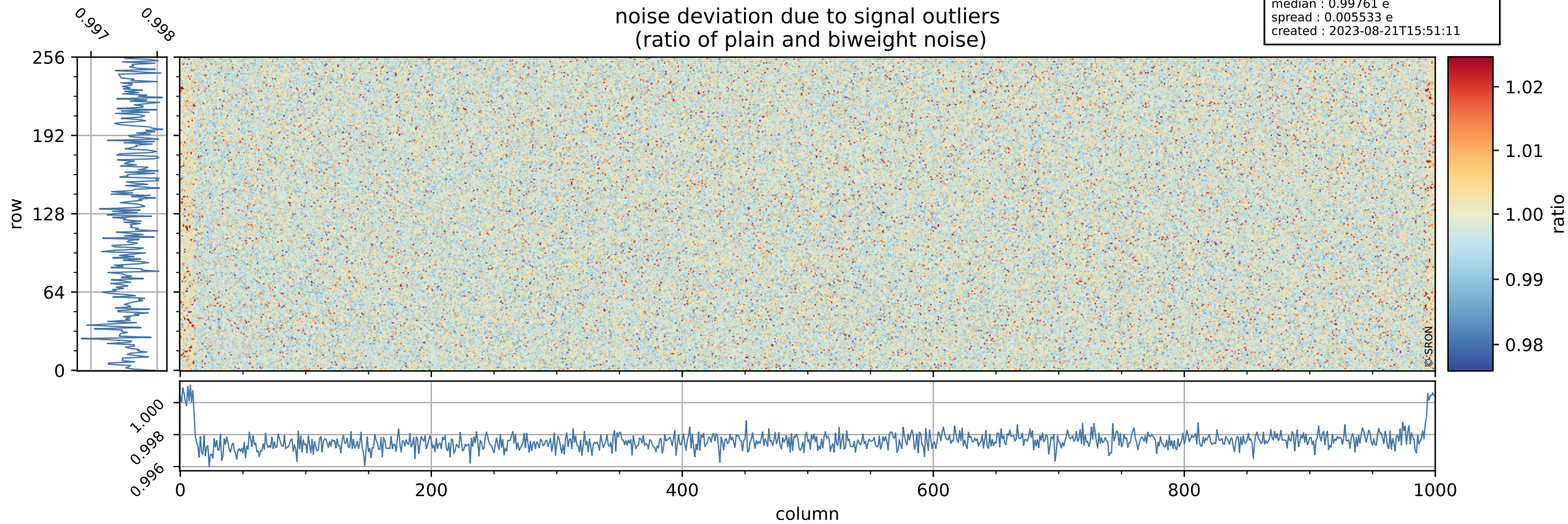
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

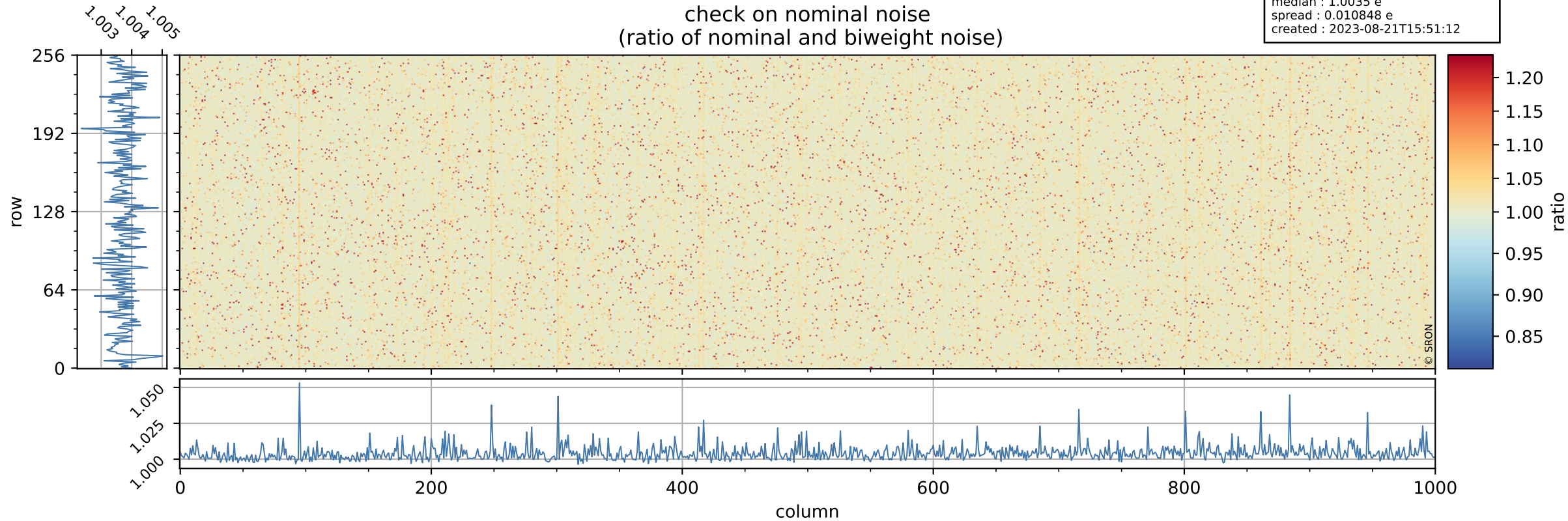
orbits : 12 in [16957, 17047]
coverage : 2021-01-21 / 2021-01-27
median : 0.99761 e
spread : 0.005533 e
created : 2023-08-21T15:51:11



Tropomi SWIR background noise (swir)

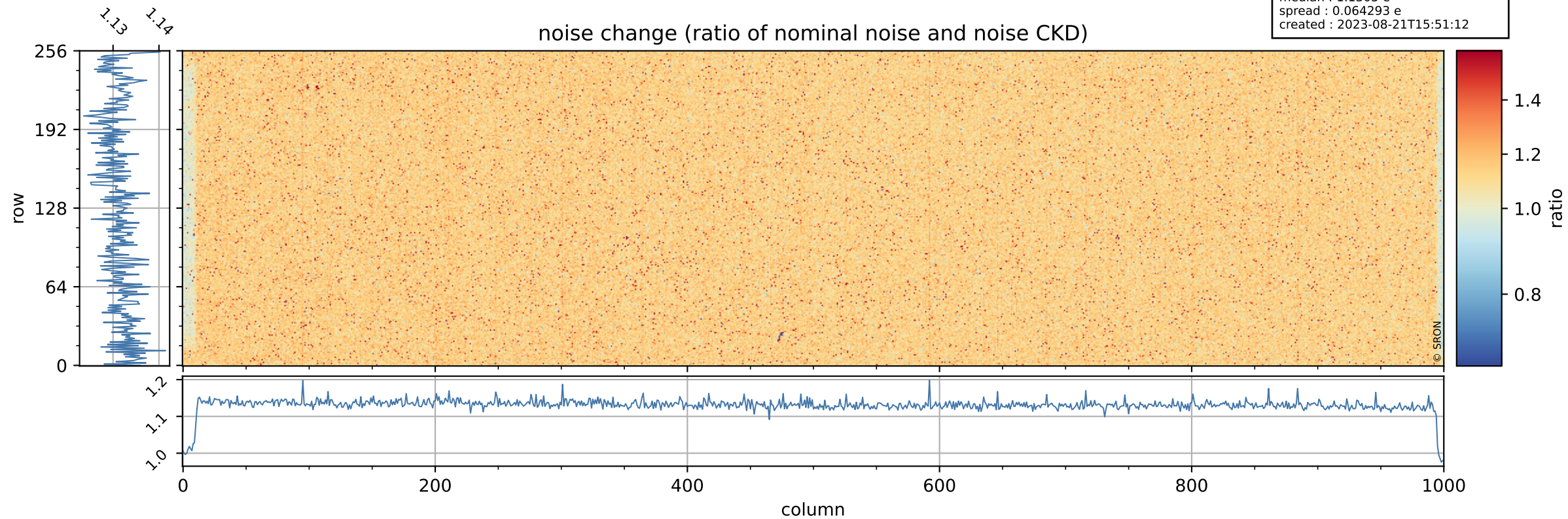
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16957, 17047]
coverage : 2021-01-21 / 2021-01-27
median : 1.0035 e
spread : 0.010848 e
created : 2023-08-21T15:51:12



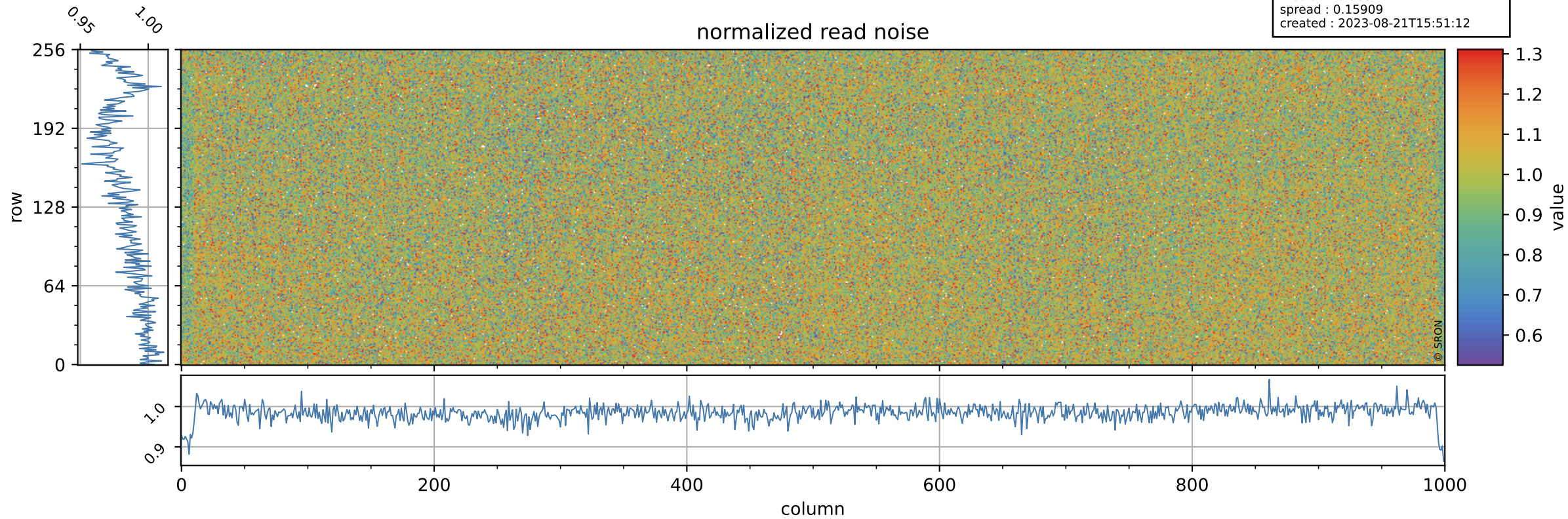
Tropomi SWIR background noise (swir)

orbits : 12 in [16957, 17047]
coverage : 2021-01-21 / 2021-01-27
median : 1.1305 e
spread : 0.064293 e
created : 2023-08-21T15:51:12



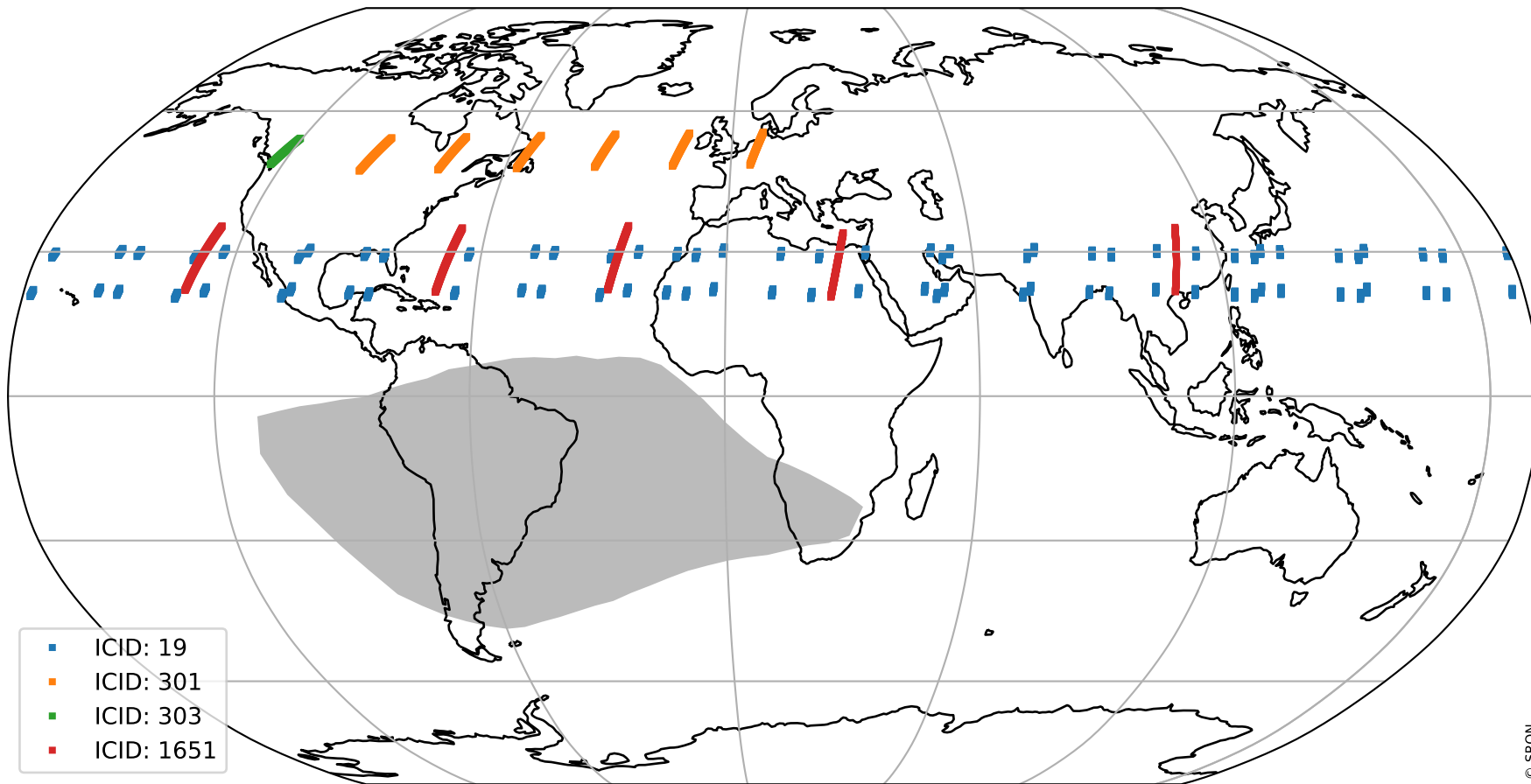
Tropomi SWIR background noise (swir)

orbits : 12 in [16957, 17047]
coverage : 2021-01-21 / 2021-01-27
median : 0.98324
spread : 0.15909
created : 2023-08-21T15:51:12



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

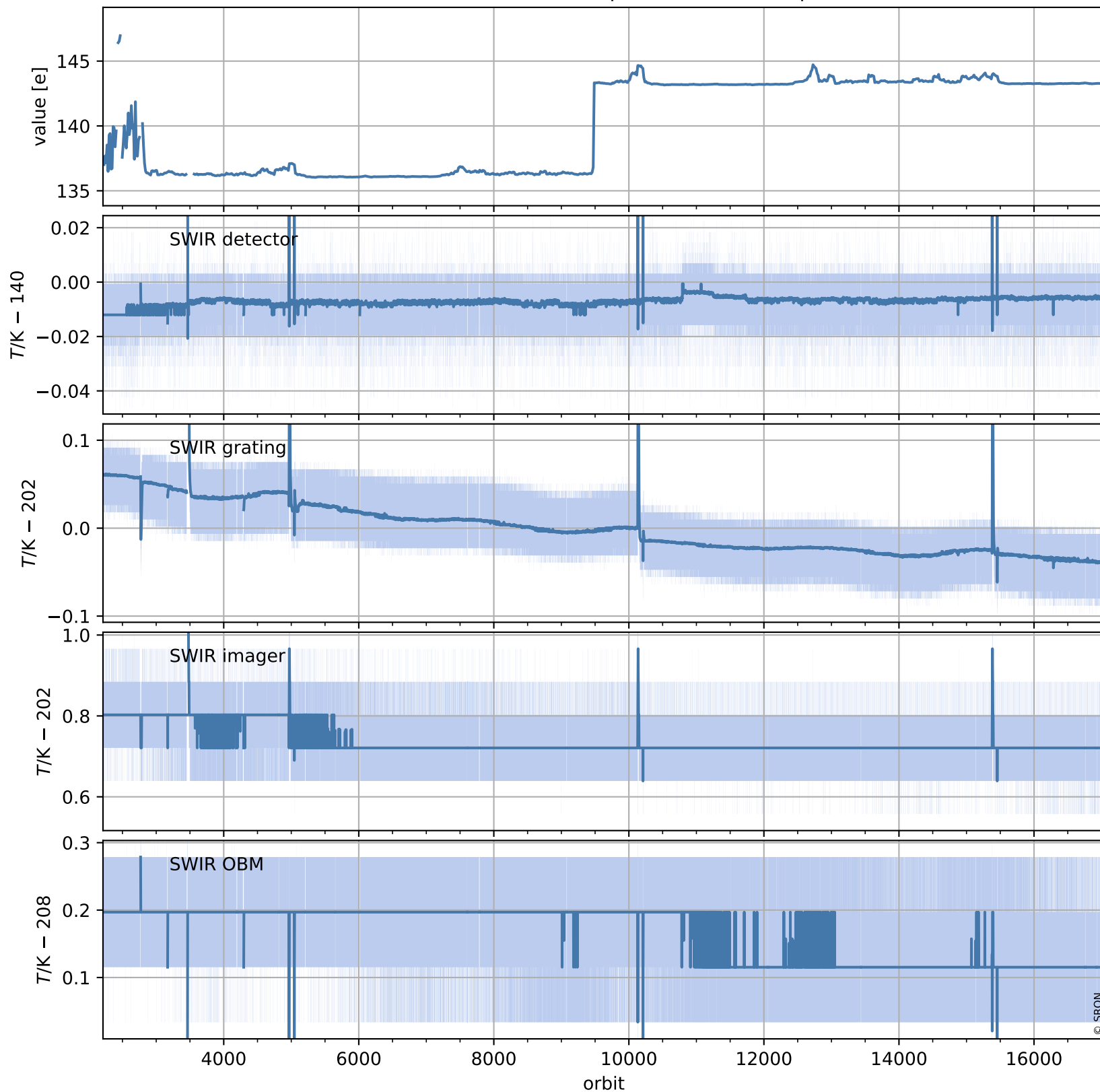
orbits : 12 in [16957, 17047]
coverage : 2021-01-21 / 2021-01-27
created : 2023-08-21T15:51:13



Tropomi SWIR background noise (swir)

orbits : [2212, 17047]
coverage : 2018-03-18 / 2021-01-27
created : 2023-08-21T15:51:13

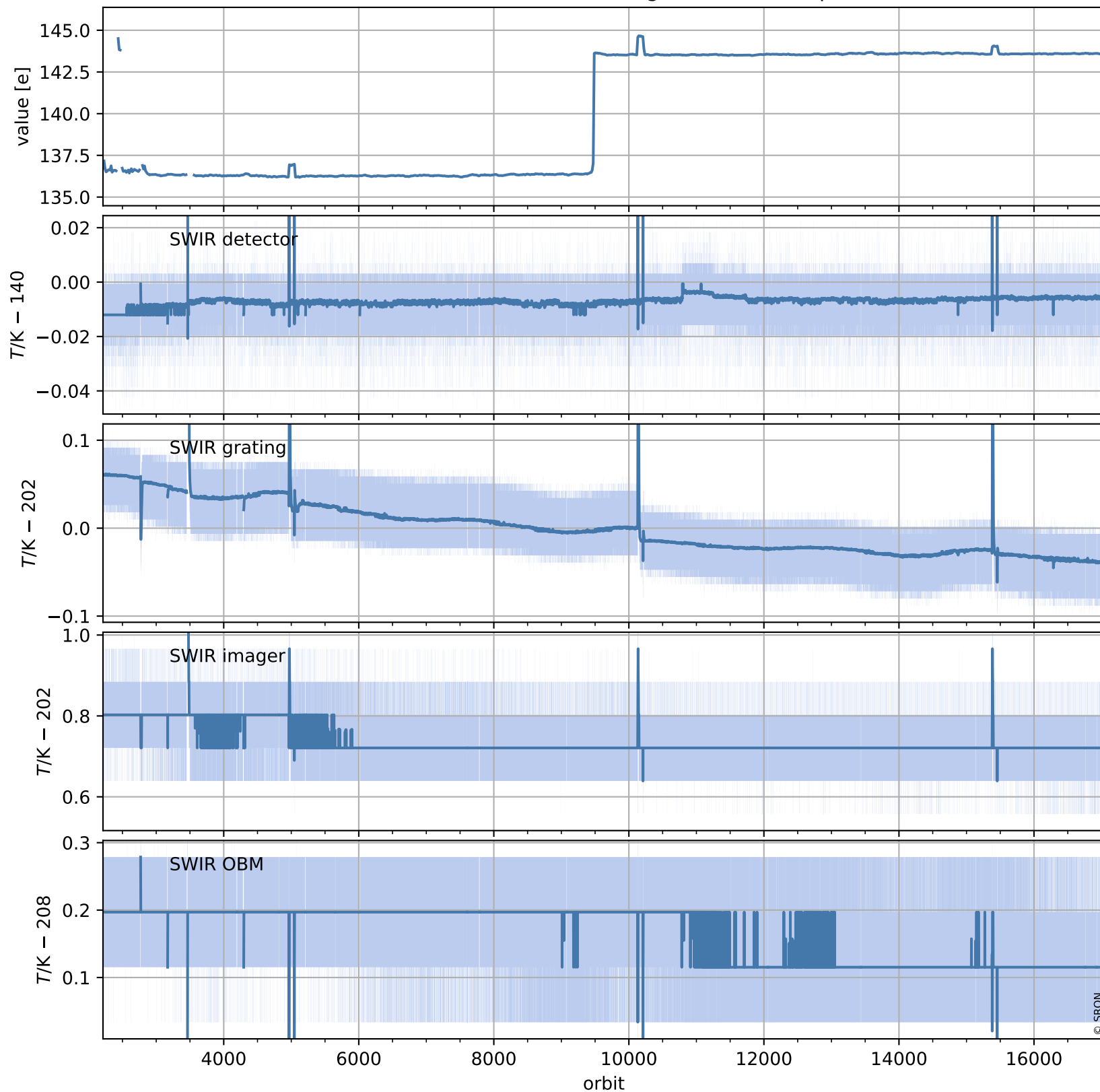
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17047]
coverage : 2018-03-18 / 2021-01-27
created : 2023-08-21T15:51:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17047]
coverage : 2018-03-18 / 2021-01-27
created : 2023-08-21T15:51:15

trend of normalized read-noise & temperatures

