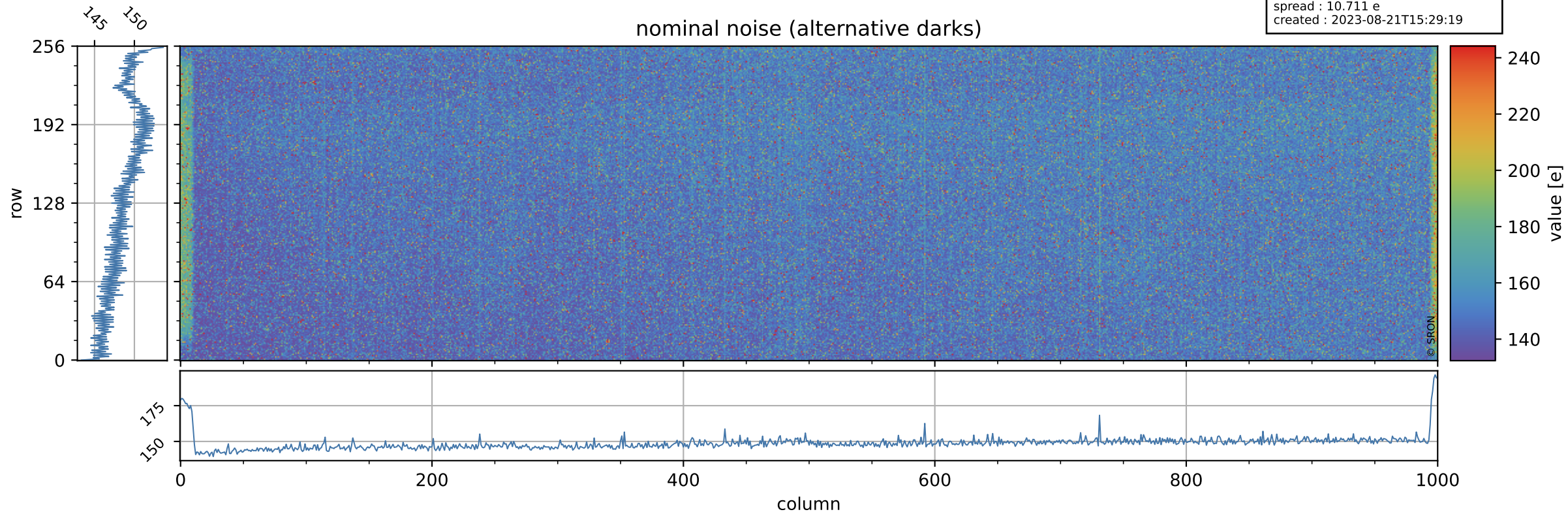


Tropomi SWIR background noise (swir)

orbits : 12 in [13012, 13102]
coverage : 2020-04-17 / 2020-04-23
n_coad, t_exp : 1, 1.0783
median : 148.54 e
spread : 10.711 e
created : 2023-08-21T15:29:19

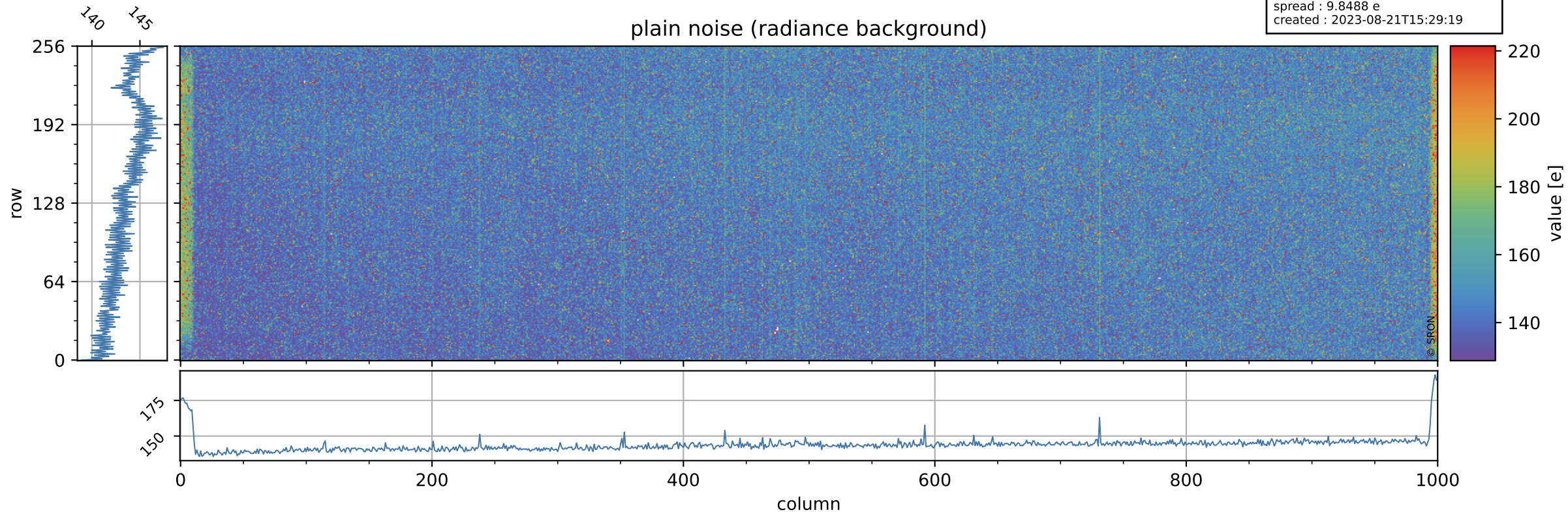
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13012, 13102]
coverage : 2020-04-17 / 2020-04-23
n_coad, t_exp : 1, 0.8383
median : 143.45 e
spread : 9.8488 e
created : 2023-08-21T15:29:19

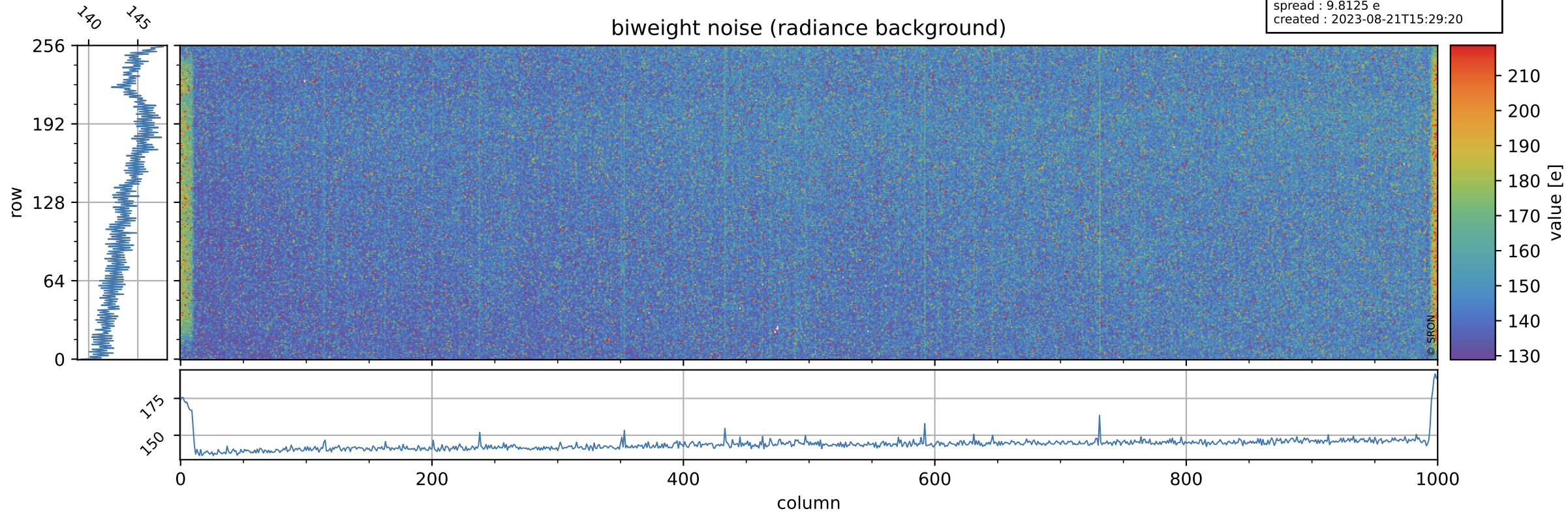
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13012, 13102]
coverage : 2020-04-17 / 2020-04-23
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.8125 e
created : 2023-08-21T15:29:20

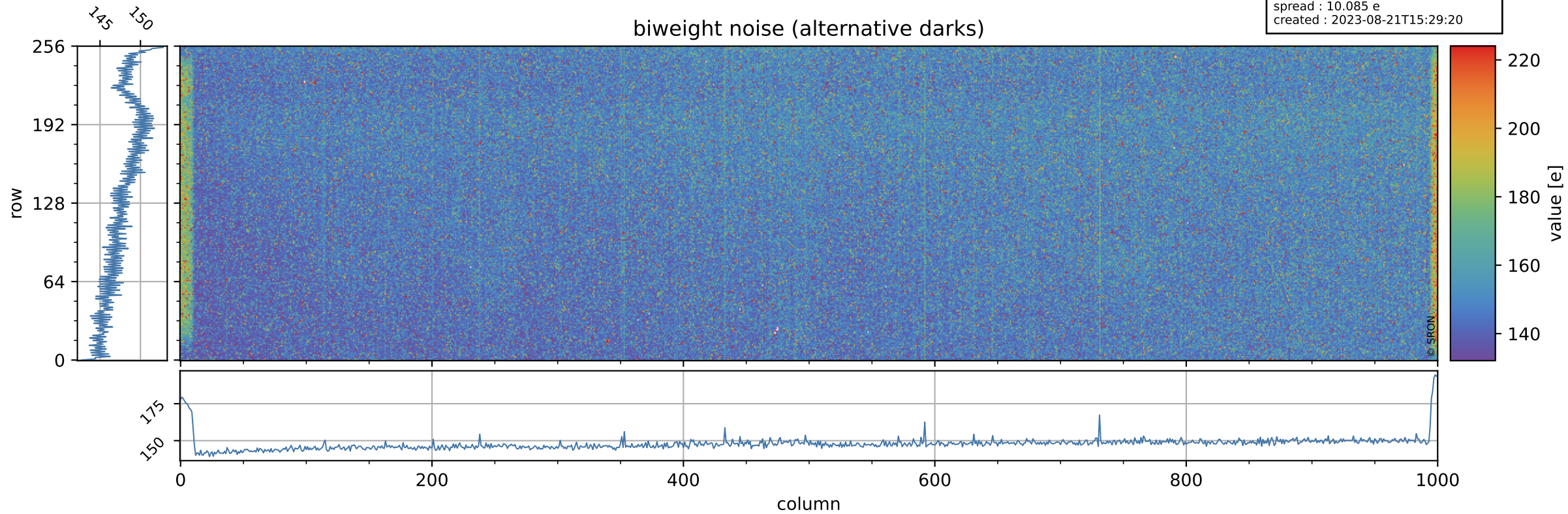
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13012, 13102]
coverage : 2020-04-17 / 2020-04-23
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.085 e
created : 2023-08-21T15:29:20

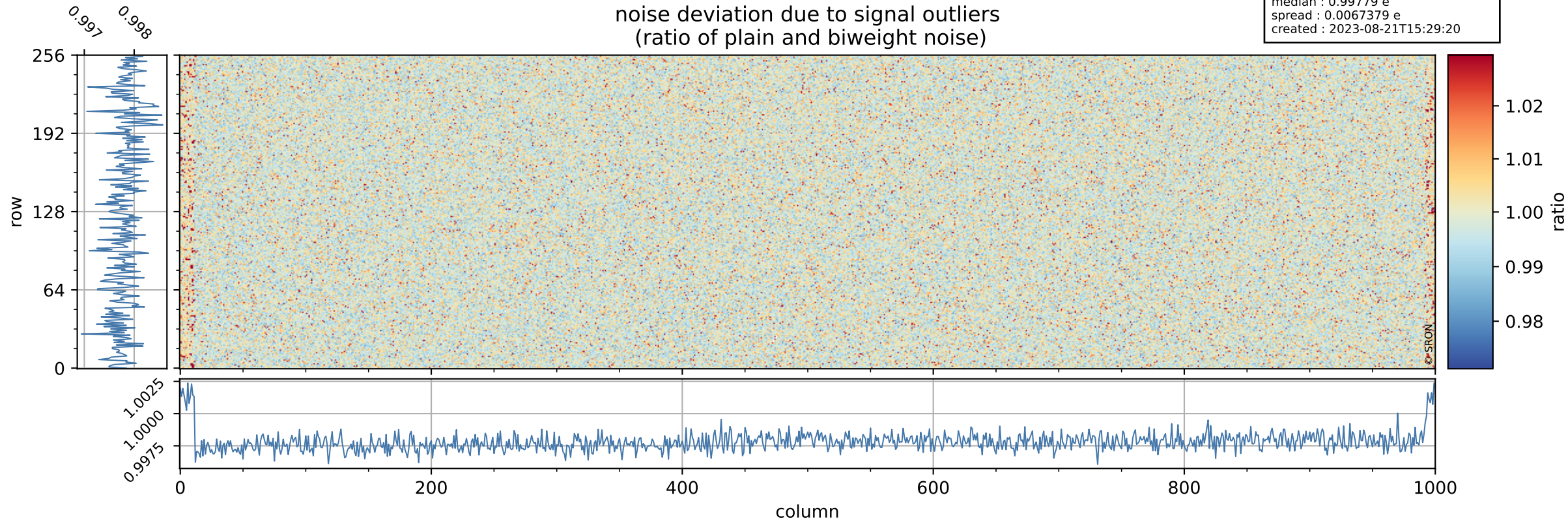
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

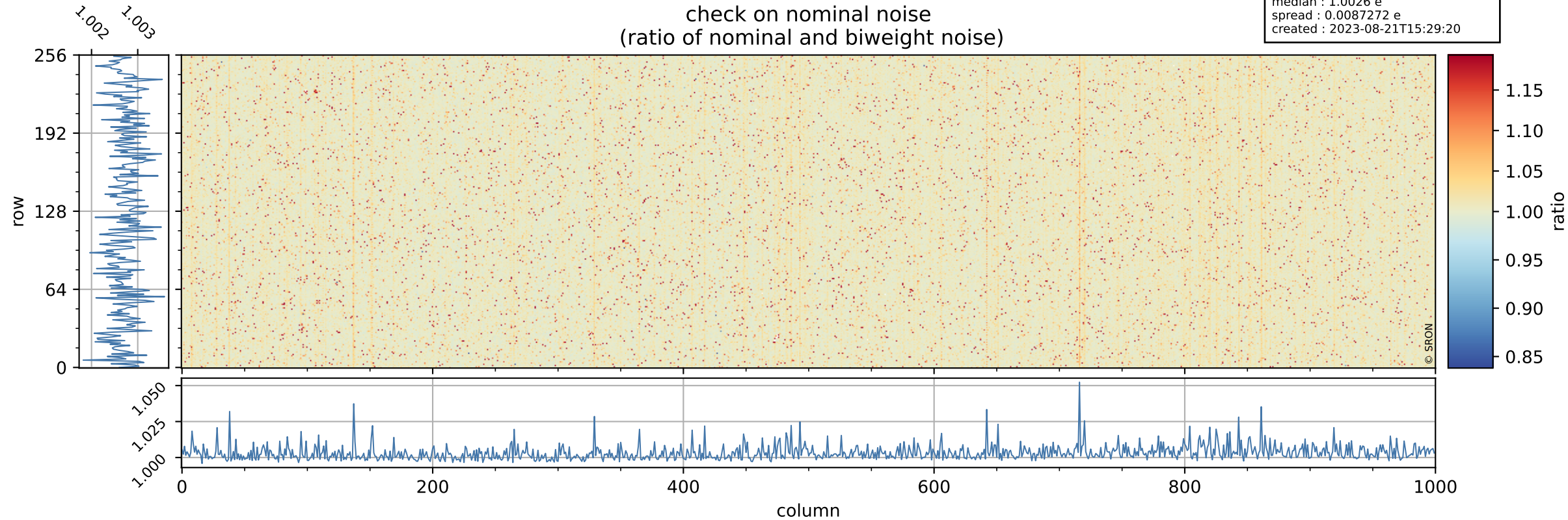
orbits : 12 in [13012, 13102]
coverage : 2020-04-17 / 2020-04-23
median : 0.99779 e
spread : 0.0067379 e
created : 2023-08-21T15:29:20



Tropomi SWIR background noise (swir)

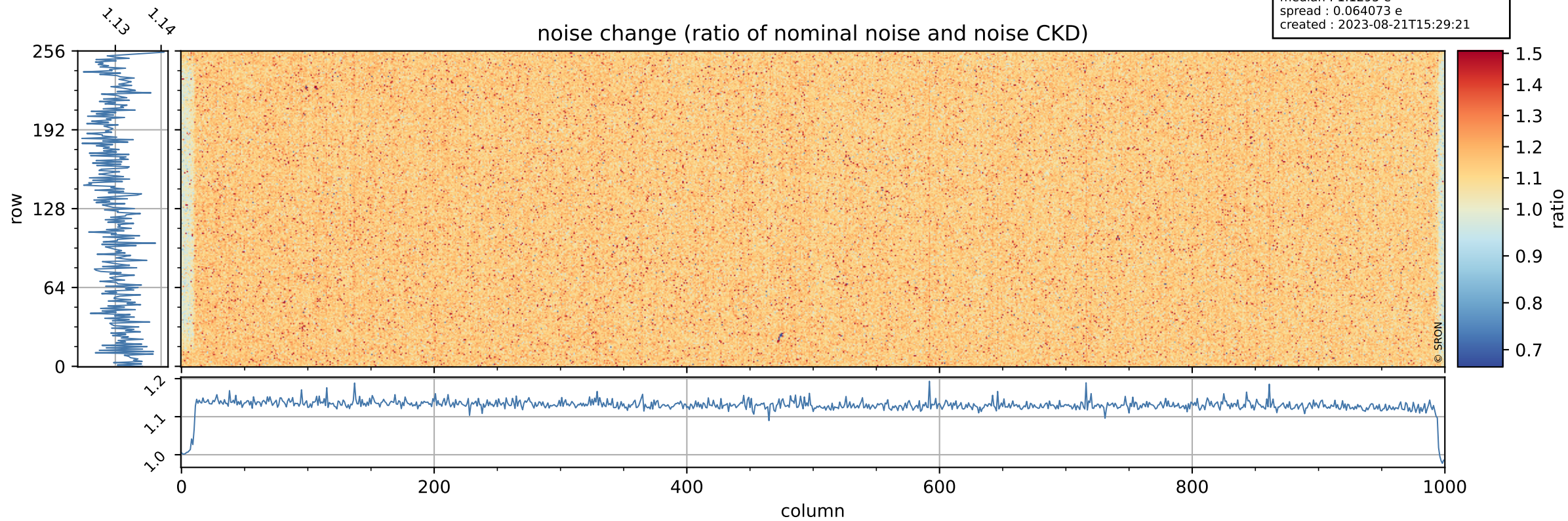
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13012, 13102]
coverage : 2020-04-17 / 2020-04-23
median : 1.0026 e
spread : 0.0087272 e
created : 2023-08-21T15:29:20



Tropomi SWIR background noise (swir)

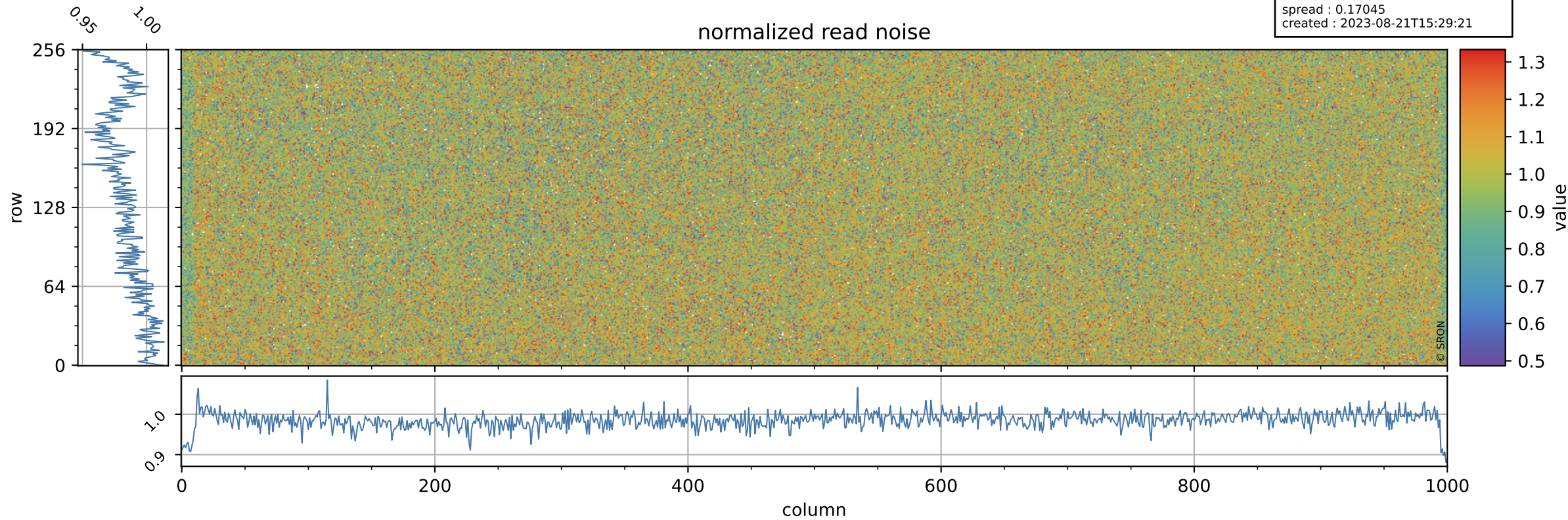
orbits : 12 in [13012, 13102]
coverage : 2020-04-17 / 2020-04-23
median : 1.1295 e
spread : 0.064073 e
created : 2023-08-21T15:29:21



Tropomi SWIR background noise (swir)

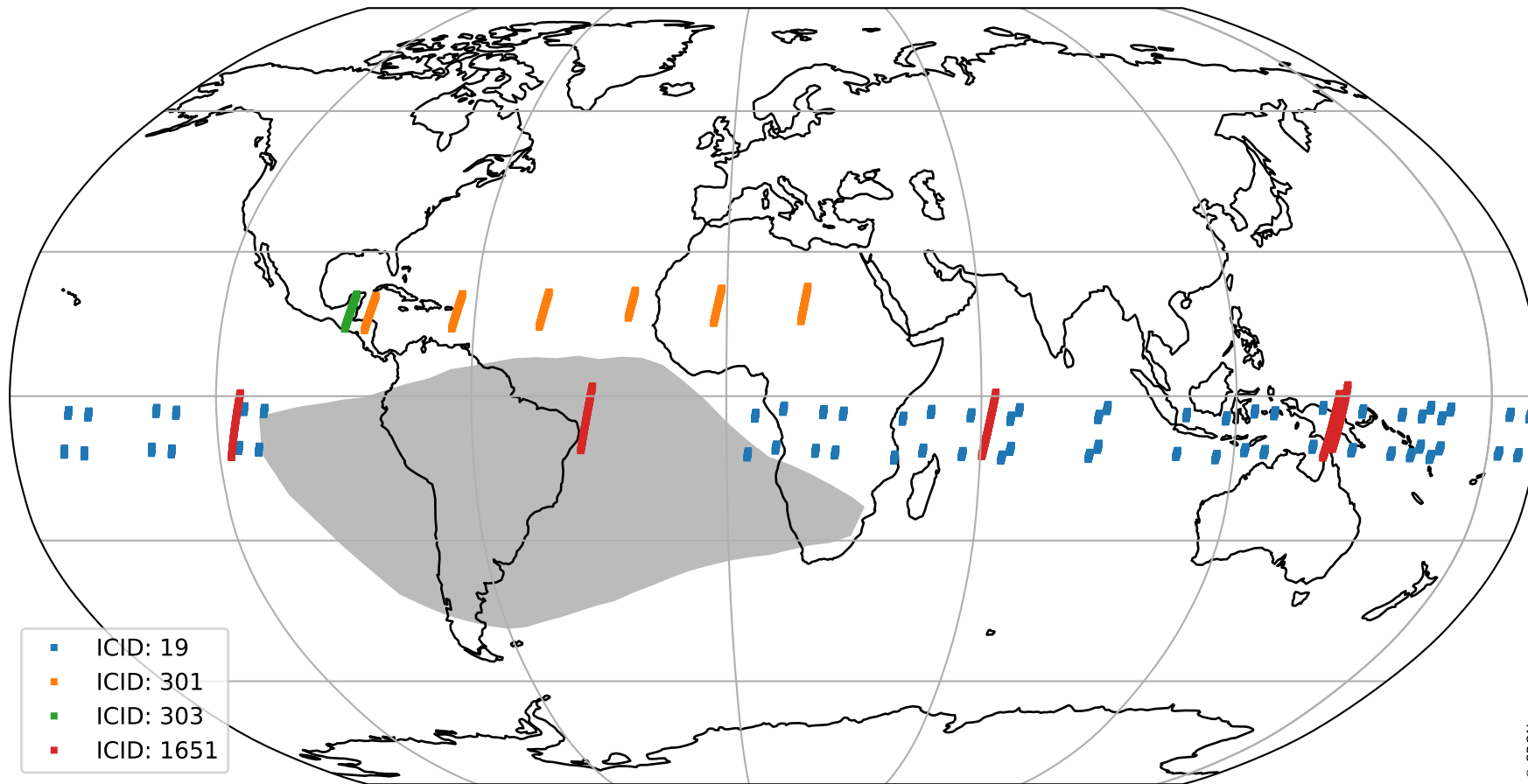
orbits : 12 in [13012, 13102]
coverage : 2020-04-17 / 2020-04-23
median : 0.9839
spread : 0.17045
created : 2023-08-21T15:29:21

normalized read noise



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

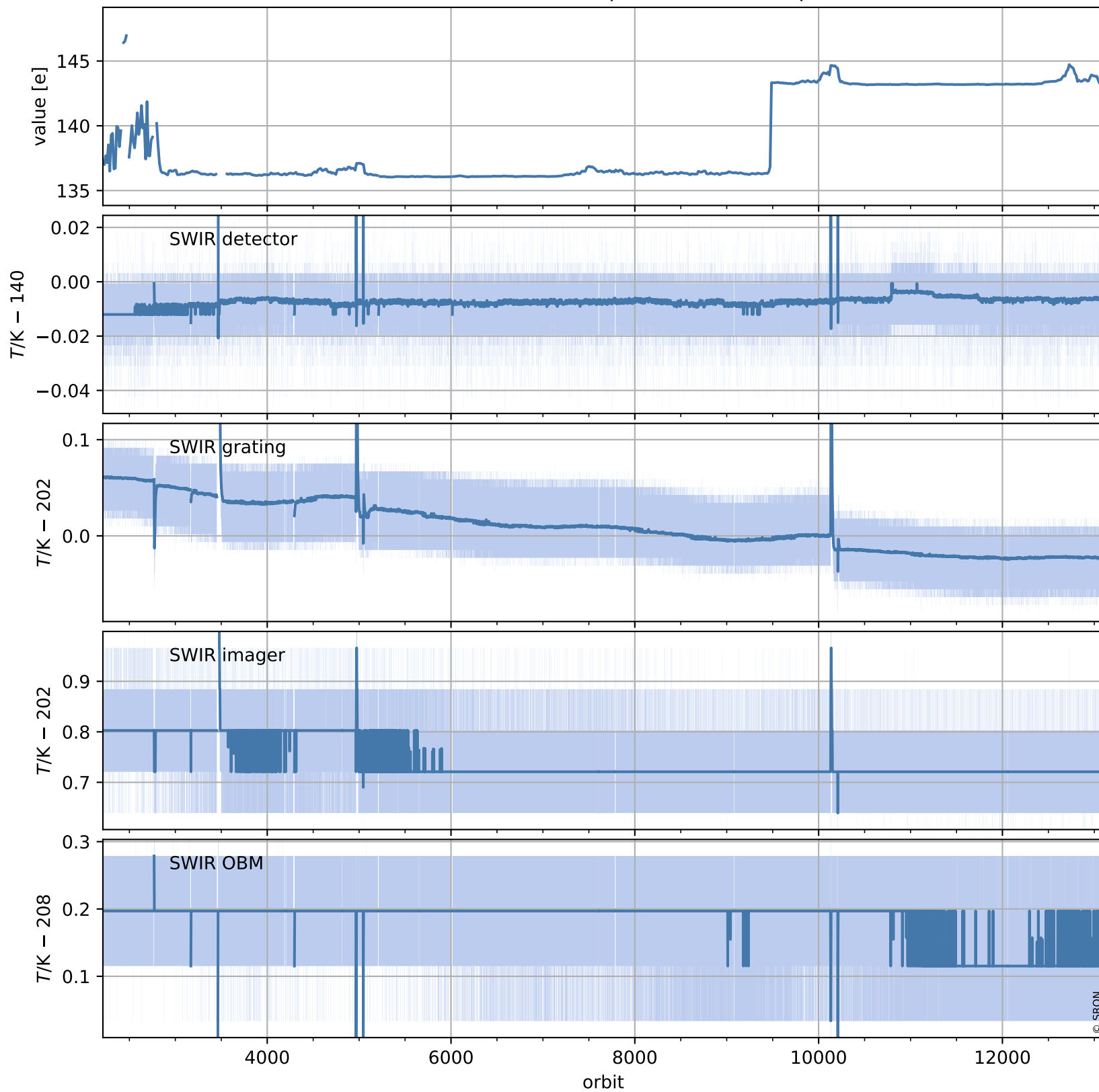
orbits : 12 in [13012, 13102]
coverage : 2020-04-17 / 2020-04-23
created : 2023-08-21T15:29:21



Tropomi SWIR background noise (swir)

orbits : [2212, 13102]
coverage : 2018-03-18 / 2020-04-23
created : 2023-08-21T15:29:22

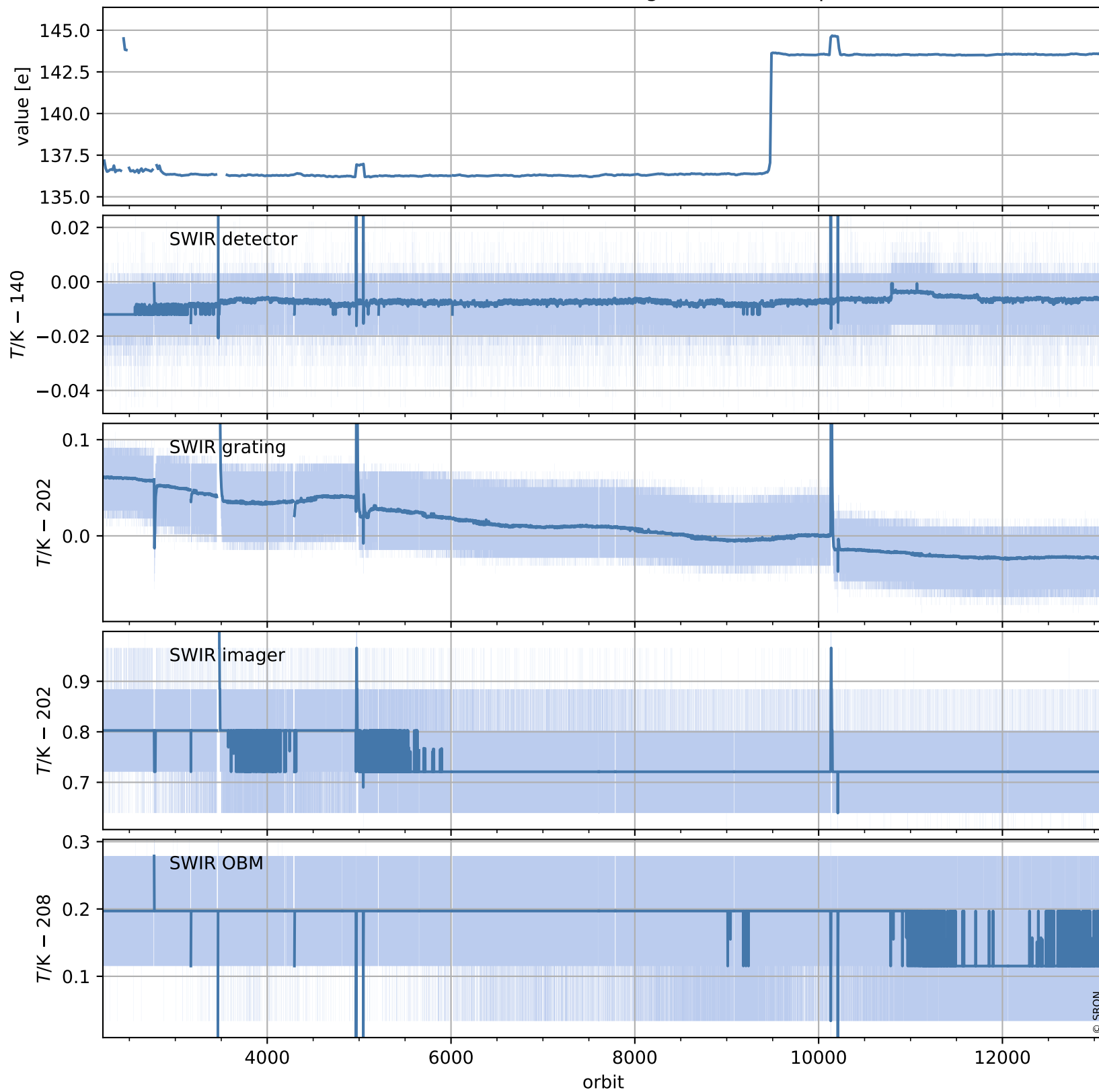
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13102]
coverage : 2018-03-18 / 2020-04-23
created : 2023-08-21T15:29:22

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13102]
coverage : 2018-03-18 / 2020-04-23
created : 2023-08-21T15:29:23

trend of normalized read-noise & temperatures

