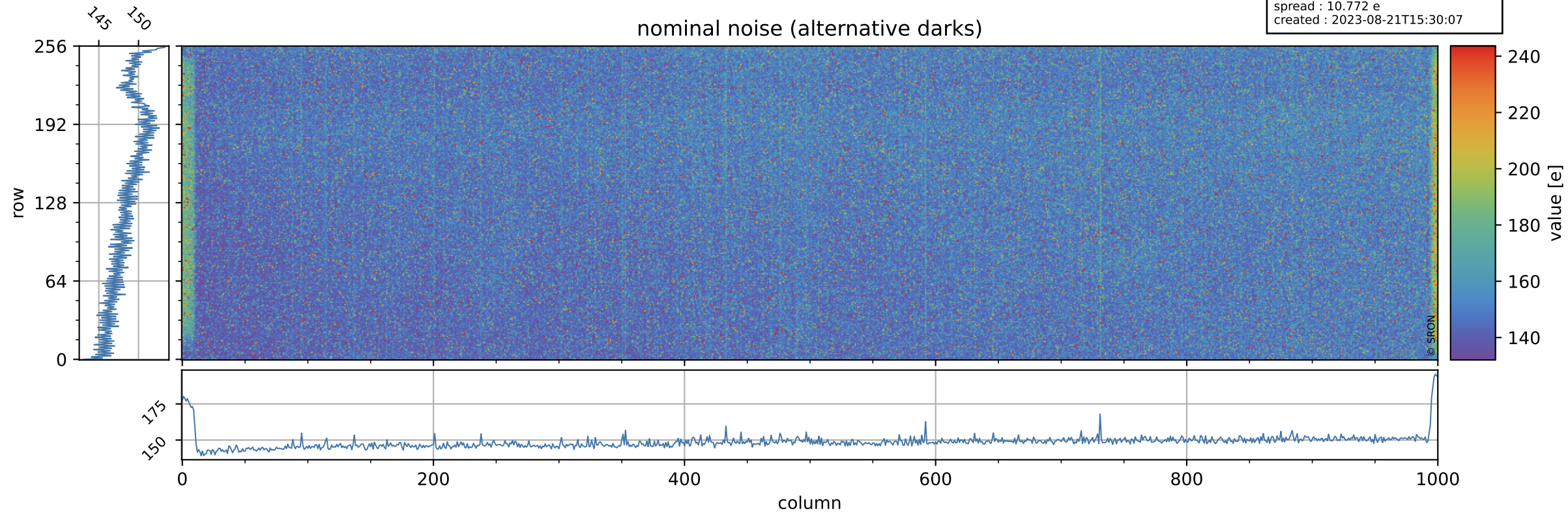


Tropomi SWIR background noise (swir)

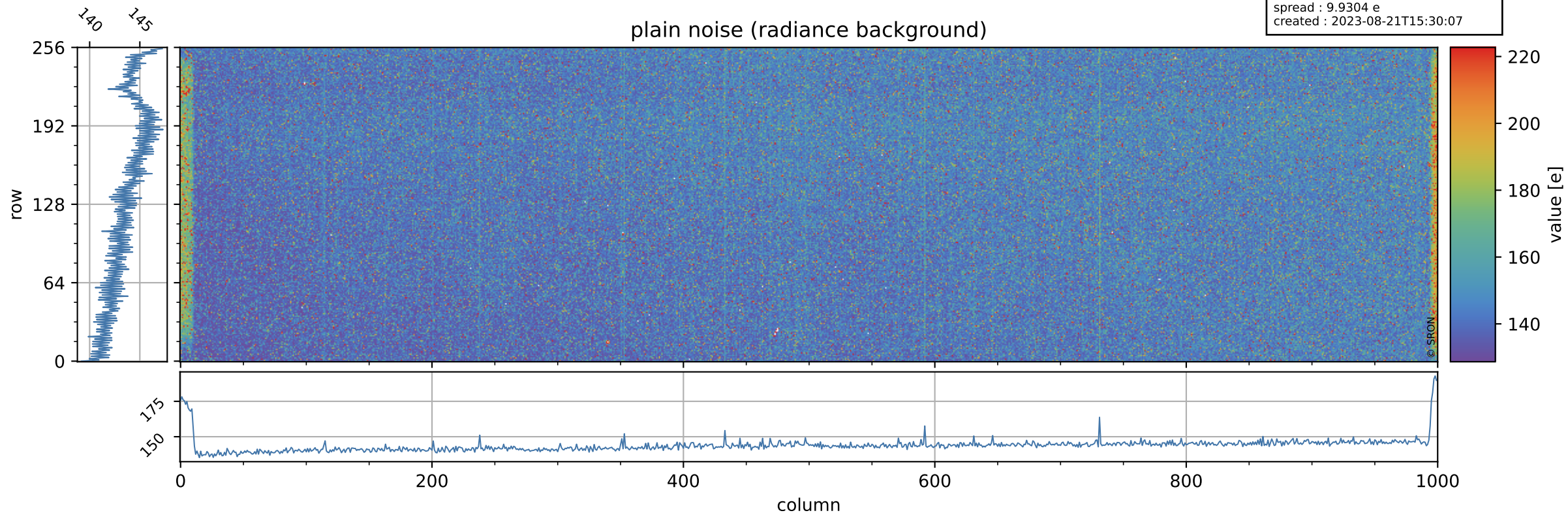
orbits : 12 in [13177, 13252]
coverage : 2020-04-28 / 2020-05-03
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.772 e
created : 2023-08-21T15:30:07



Tropomi SWIR background noise (swir)

orbits : 12 in [13177, 13252]
coverage : 2020-04-28 / 2020-05-03
n_coad, t_exp : 1, 0.8383
median : 143.56 e
spread : 9.9304 e
created : 2023-08-21T15:30:07

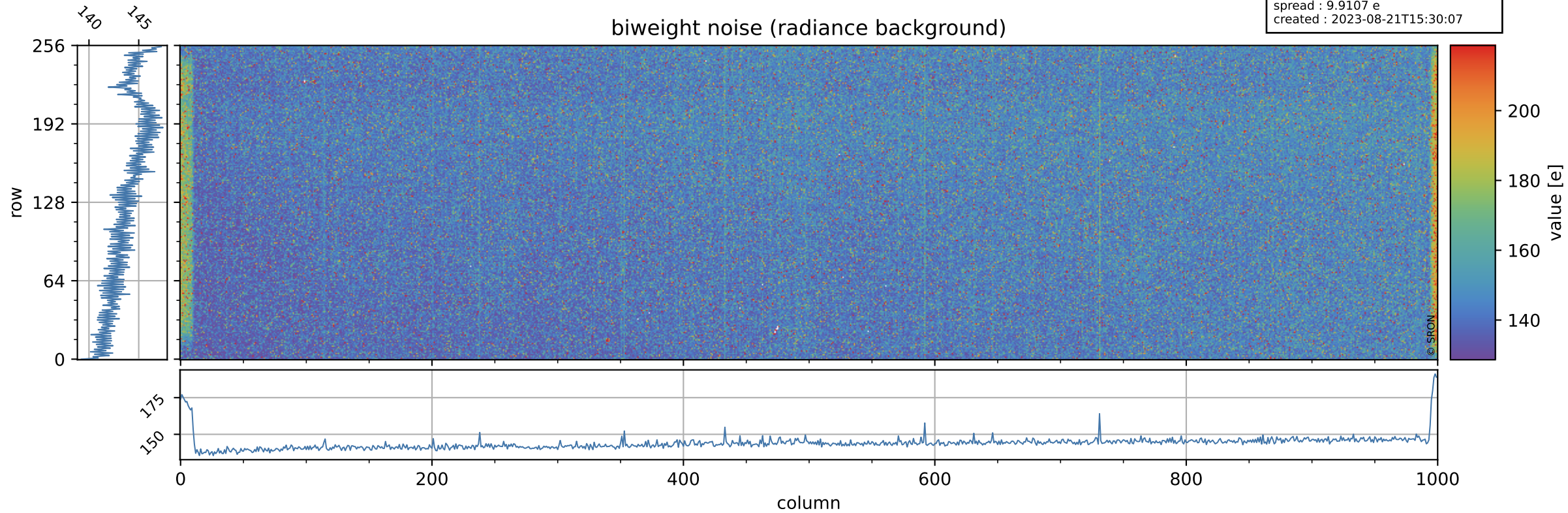
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13177, 13252]
coverage : 2020-04-28 / 2020-05-03
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.9107 e
created : 2023-08-21T15:30:07

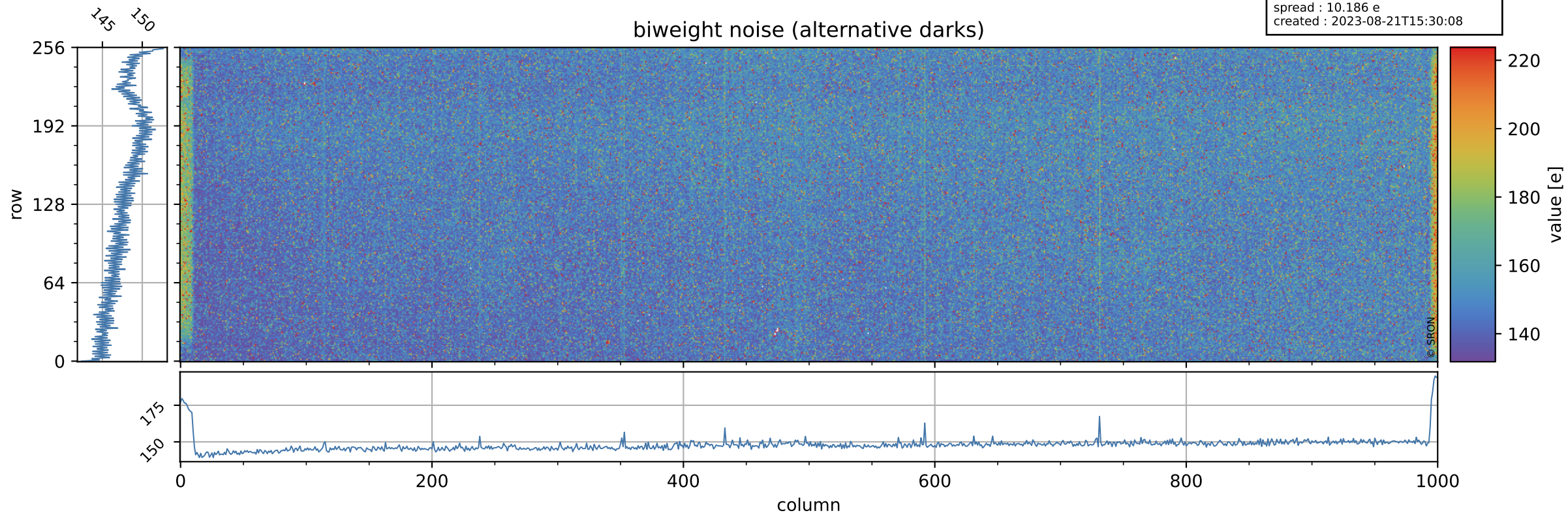
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13177, 13252]
coverage : 2020-04-28 / 2020-05-03
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.186 e
created : 2023-08-21T15:30:08

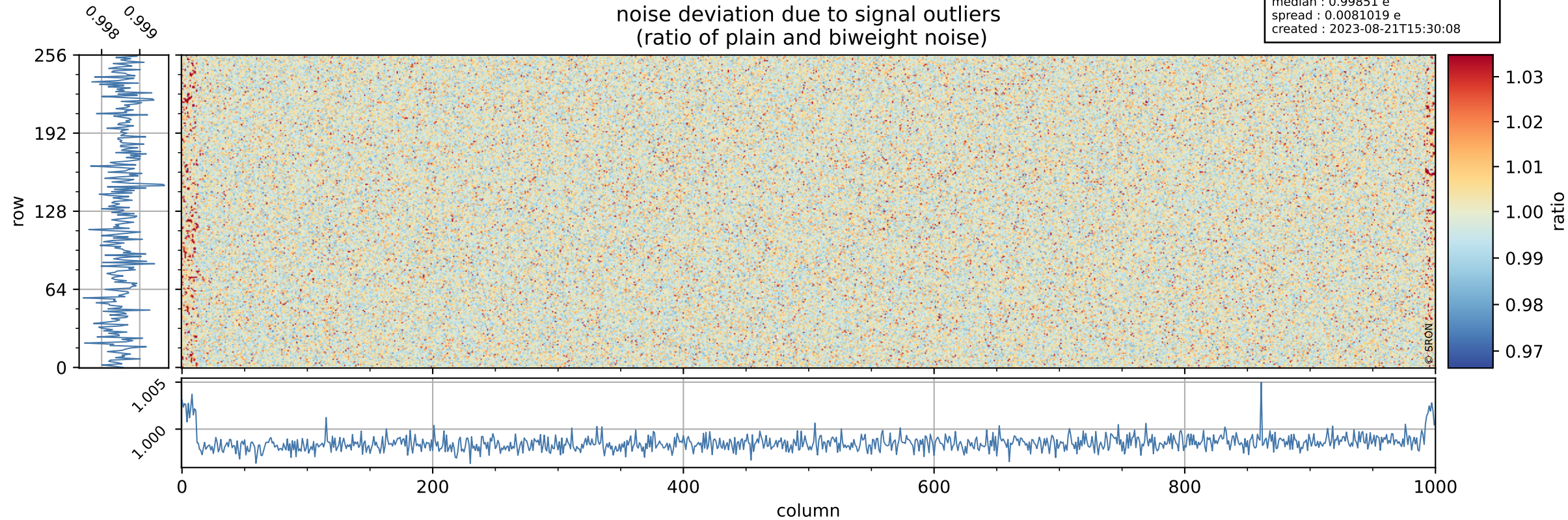
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

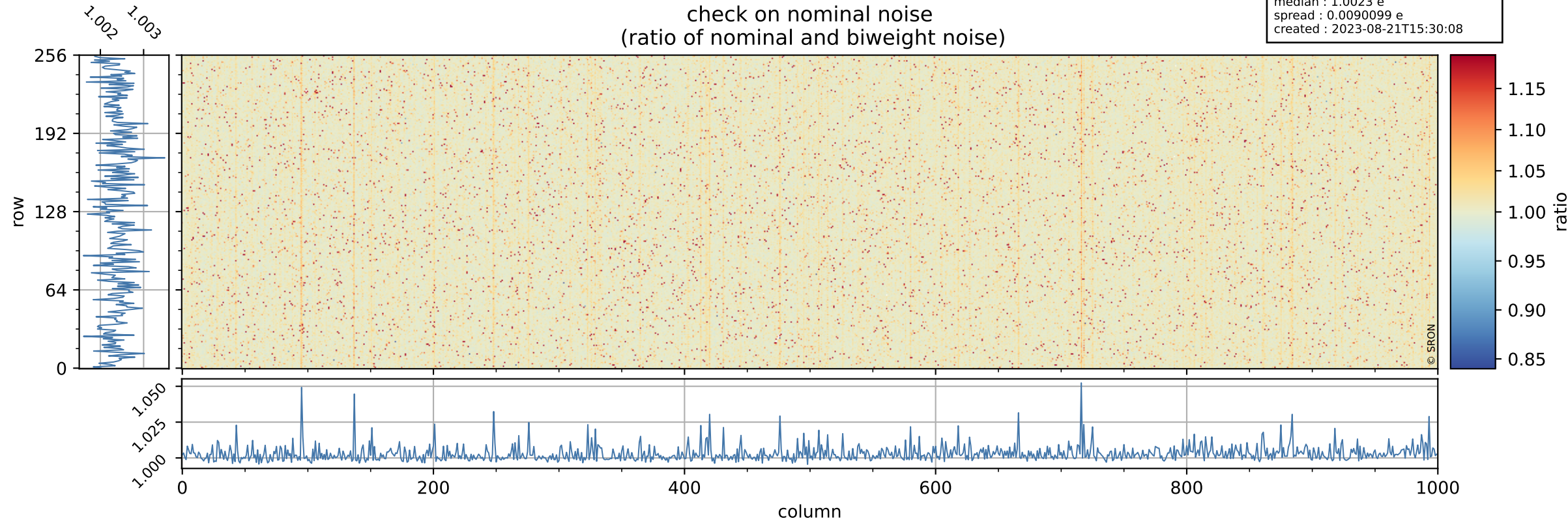
orbits : 12 in [13177, 13252]
coverage : 2020-04-28 / 2020-05-03
median : 0.99851 e
spread : 0.0081019 e
created : 2023-08-21T15:30:08



Tropomi SWIR background noise (swir)

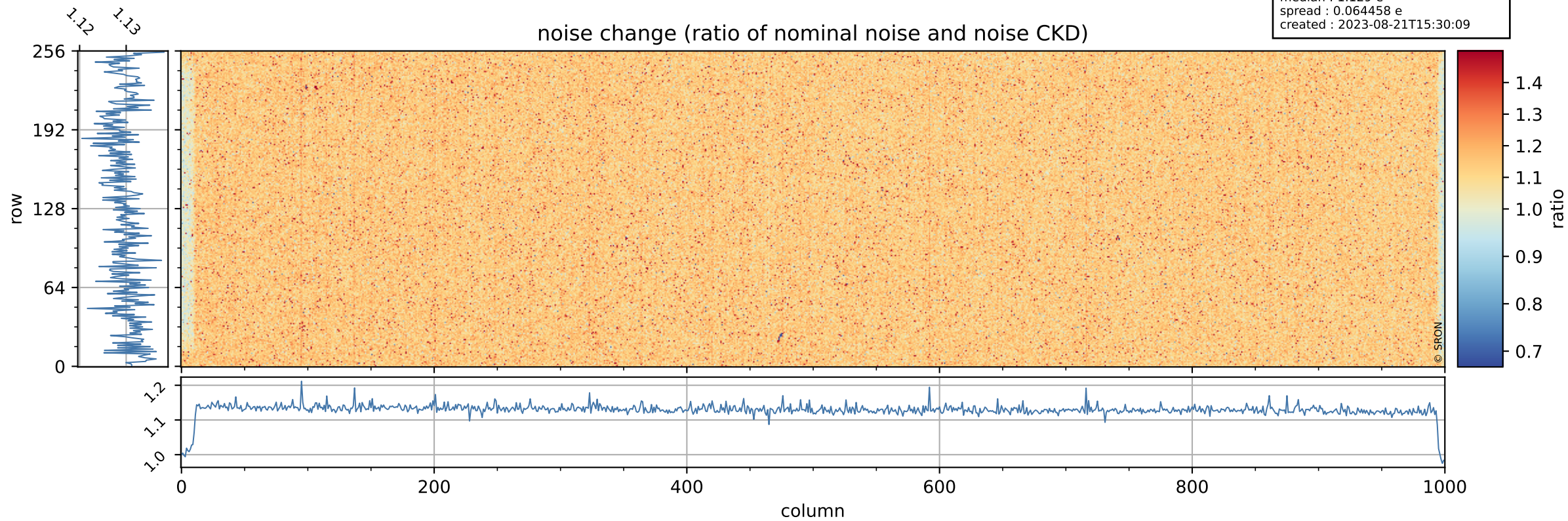
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13177, 13252]
coverage : 2020-04-28 / 2020-05-03
median : 1.0023 e
spread : 0.0090099 e
created : 2023-08-21T15:30:08



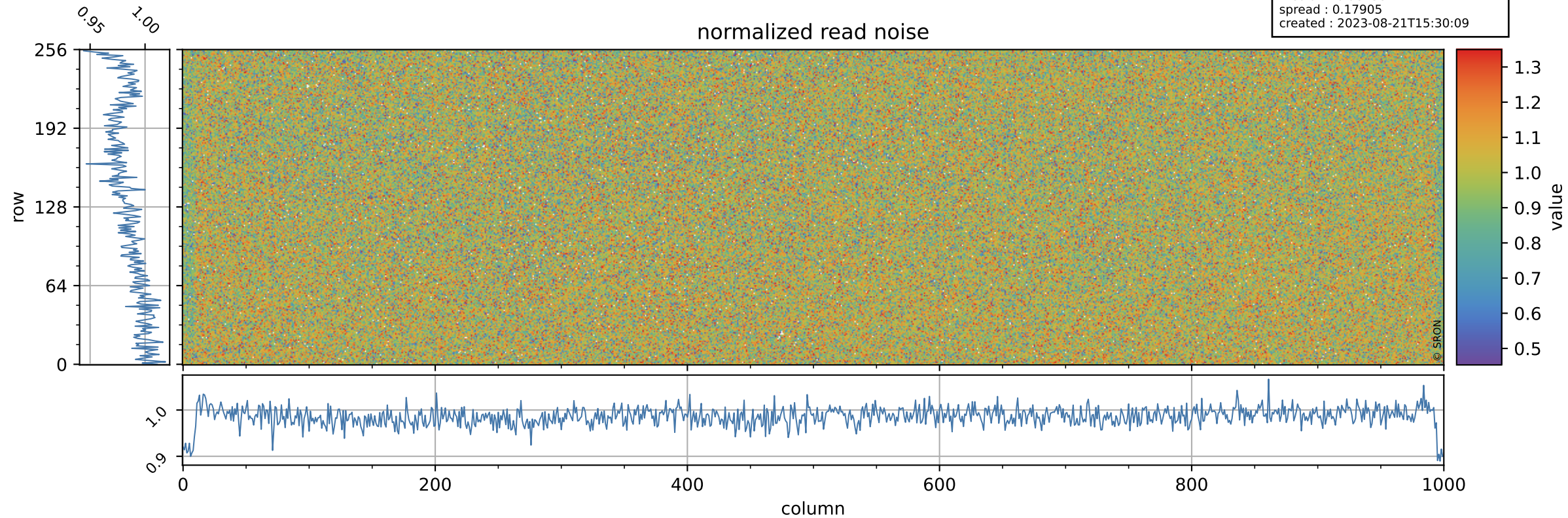
Tropomi SWIR background noise (swir)

orbits : 12 in [13177, 13252]
coverage : 2020-04-28 / 2020-05-03
median : 1.129 e
spread : 0.064458 e
created : 2023-08-21T15:30:09



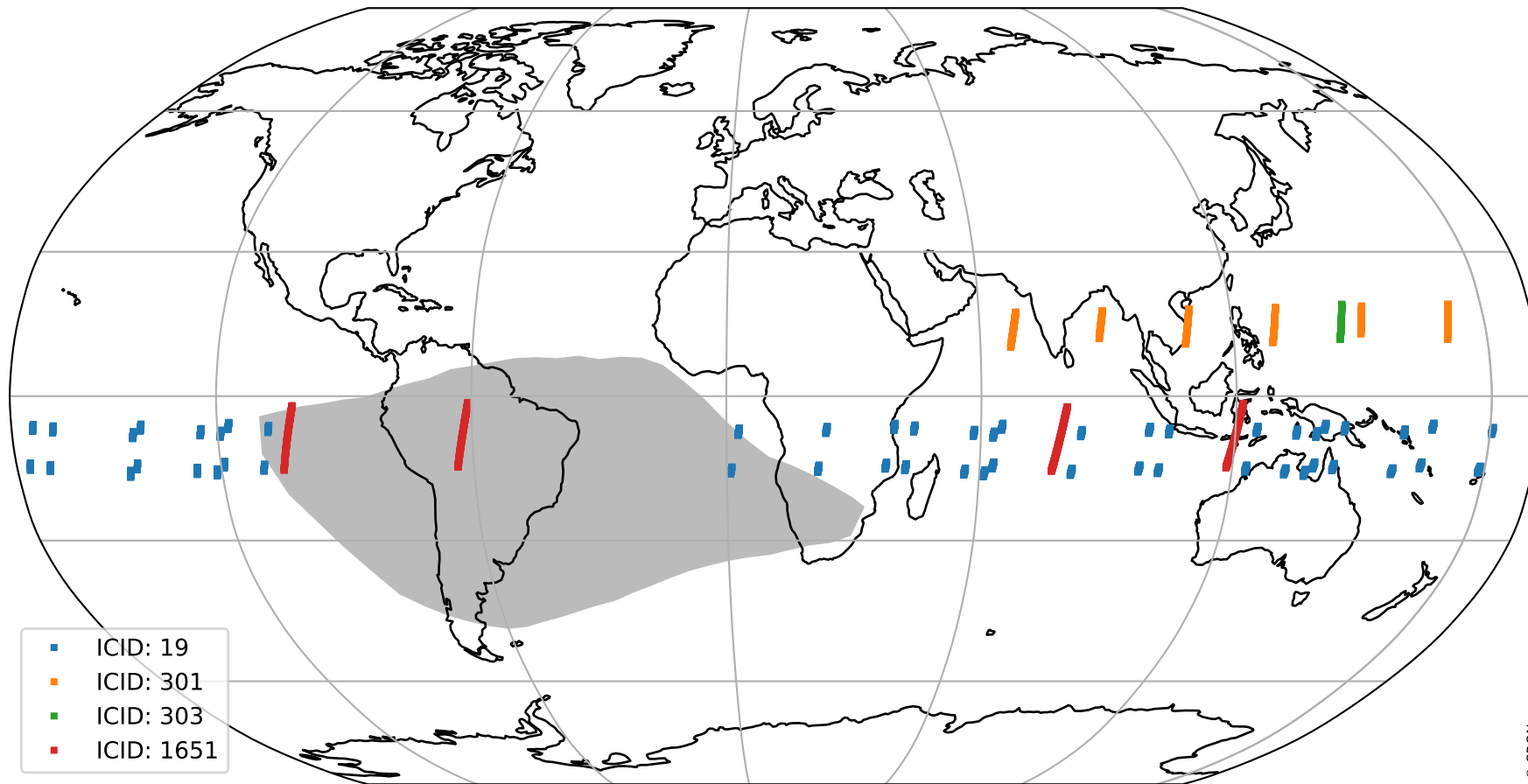
Tropomi SWIR background noise (swir)

orbits : 12 in [13177, 13252]
coverage : 2020-04-28 / 2020-05-03
median : 0.98438
spread : 0.17905
created : 2023-08-21T15:30:09



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

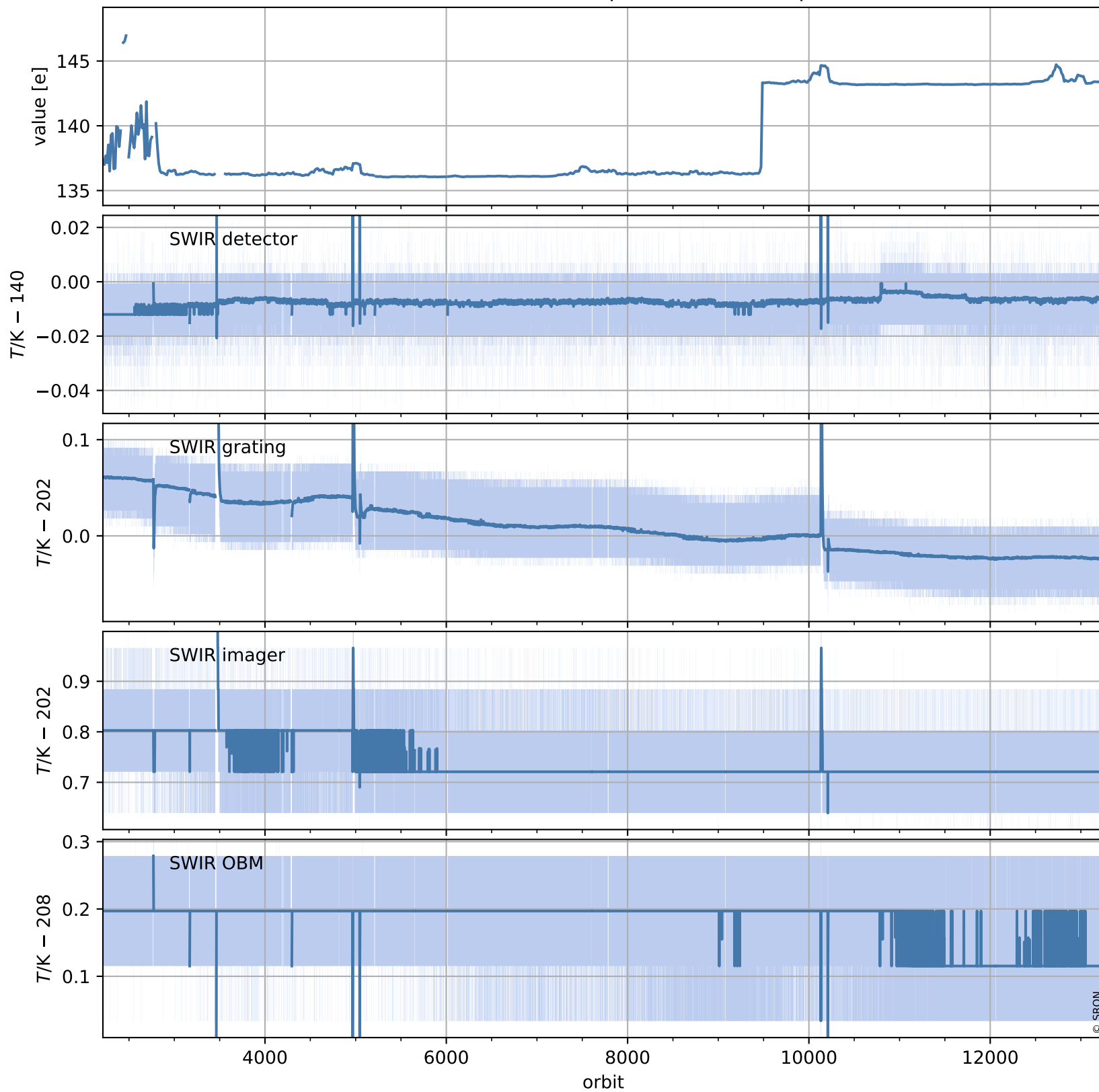
orbits : 12 in [13177, 13252]
coverage : 2020-04-28 / 2020-05-03
created : 2023-08-21T15:30:09



Tropomi SWIR background noise (swir)

orbits : [2212, 13252]
coverage : 2018-03-18 / 2020-05-03
created : 2023-08-21T15:30:09

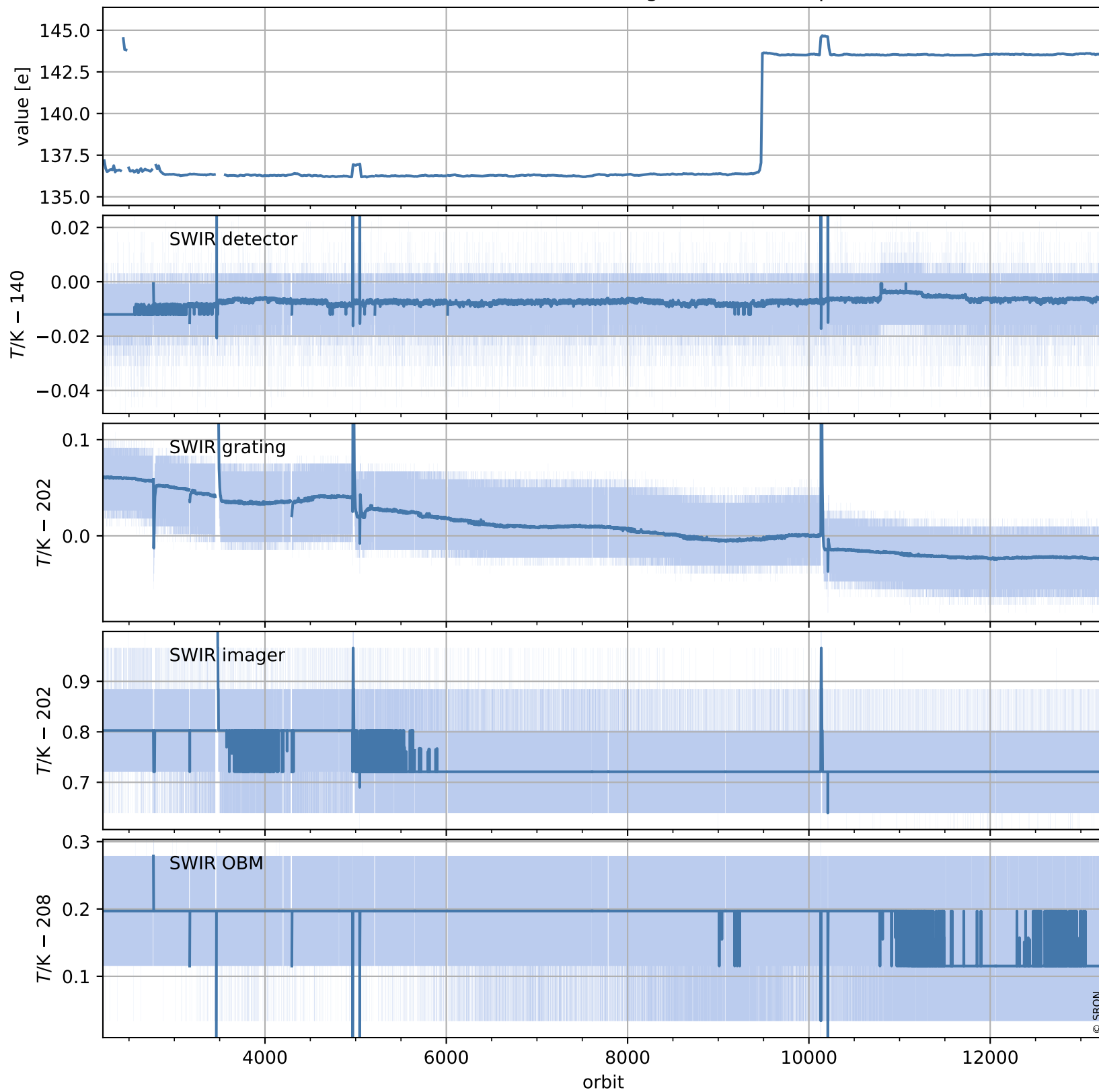
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13252]
coverage : 2018-03-18 / 2020-05-03
created : 2023-08-21T15:30:10

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13252]
coverage : 2018-03-18 / 2020-05-03
created : 2023-08-21T15:30:11

trend of normalized read-noise & temperatures

