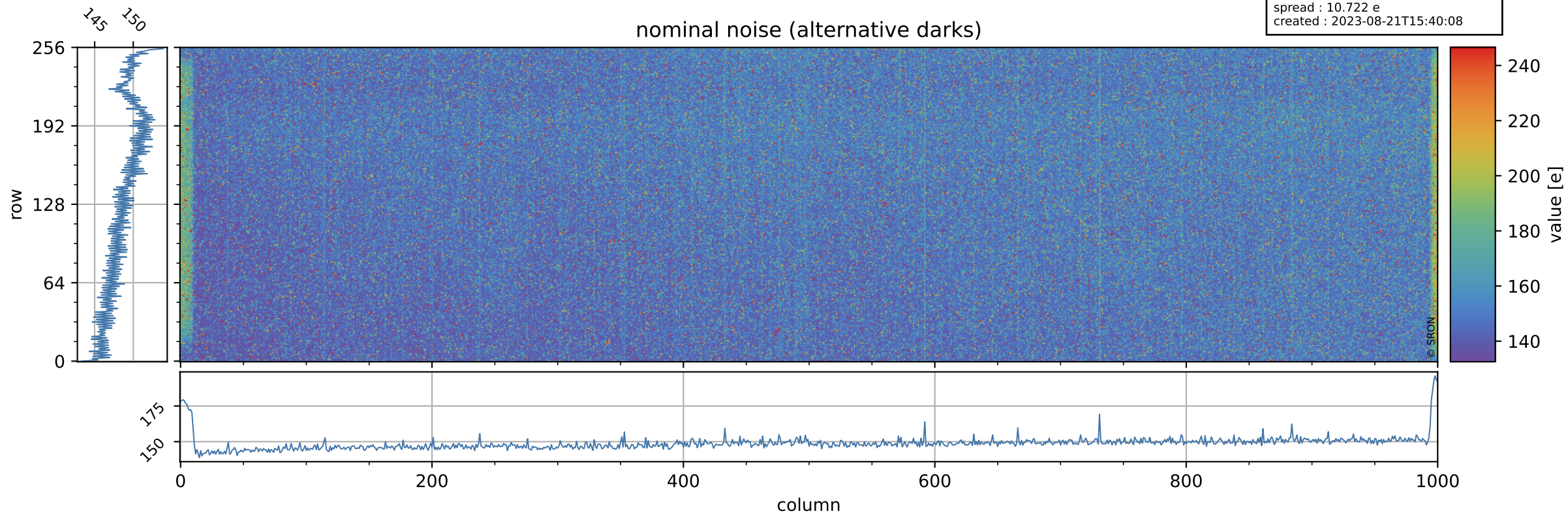


Tropomi SWIR background noise (swir)

orbits : 13 in [15007, 15097]
coverage : 2020-09-05 / 2020-09-11
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.722 e
created : 2023-08-21T15:40:08

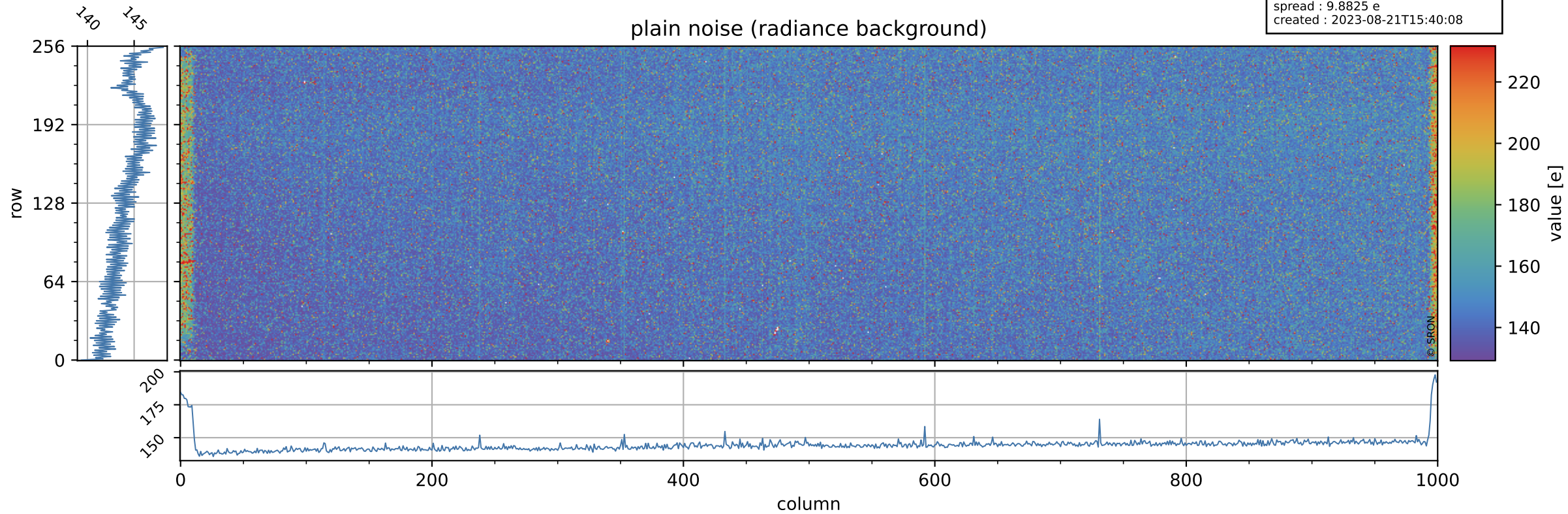
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [15007, 15097]
coverage : 2020-09-05 / 2020-09-11
n_coad, t_exp : 1, 0.8383
median : 143.98 e
spread : 9.8825 e
created : 2023-08-21T15:40:08

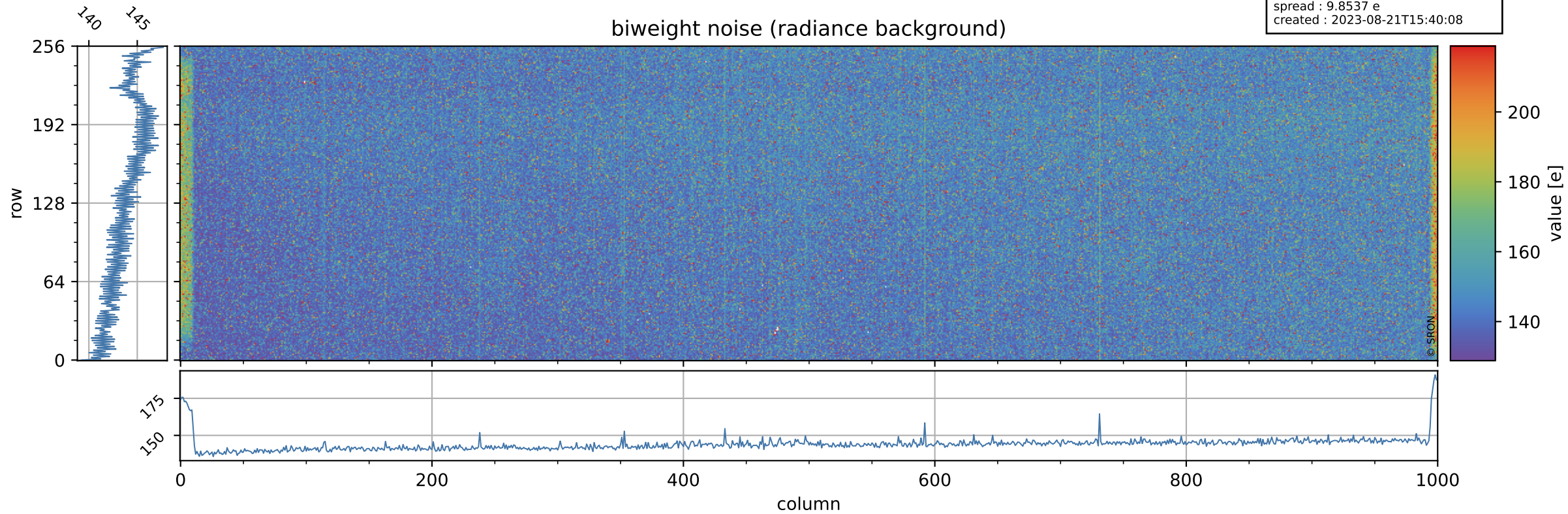
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [15007, 15097]
coverage : 2020-09-05 / 2020-09-11
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.8537 e
created : 2023-08-21T15:40:08

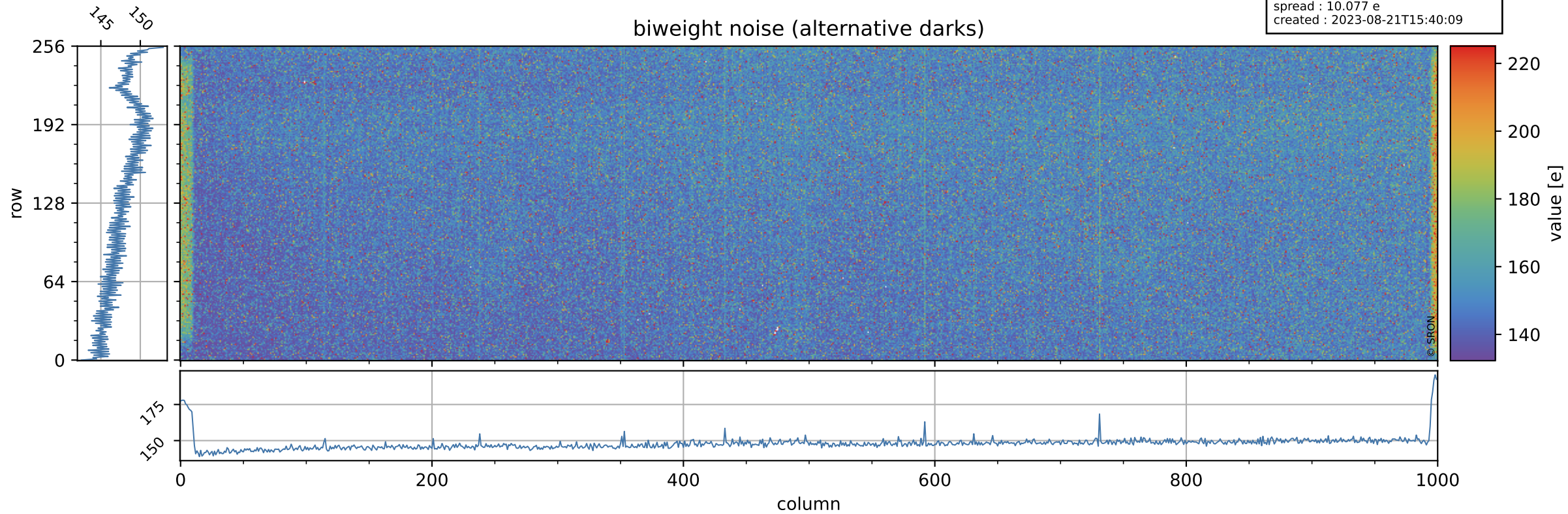
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [15007, 15097]
coverage : 2020-09-05 / 2020-09-11
n_coad, t_exp : 1, 1.0783
median : 147.69 e
spread : 10.077 e
created : 2023-08-21T15:40:09

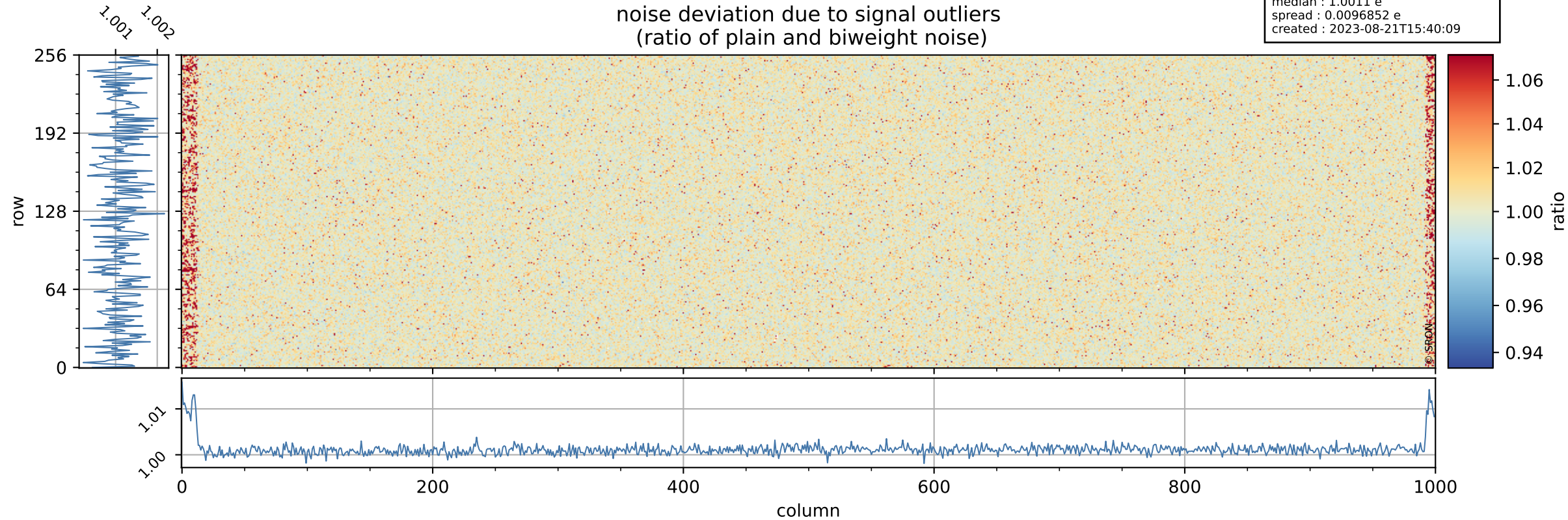
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

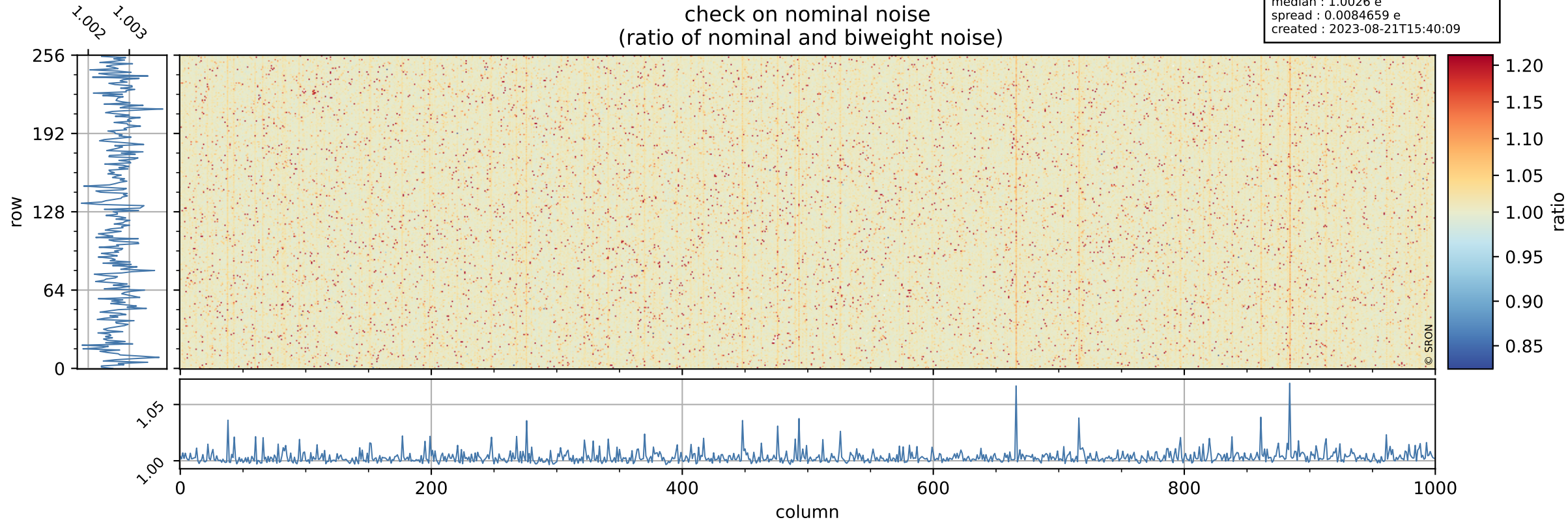
orbits : 13 in [15007, 15097]
coverage : 2020-09-05 / 2020-09-11
median : 1.0011 e
spread : 0.0096852 e
created : 2023-08-21T15:40:09



Tropomi SWIR background noise (swir)

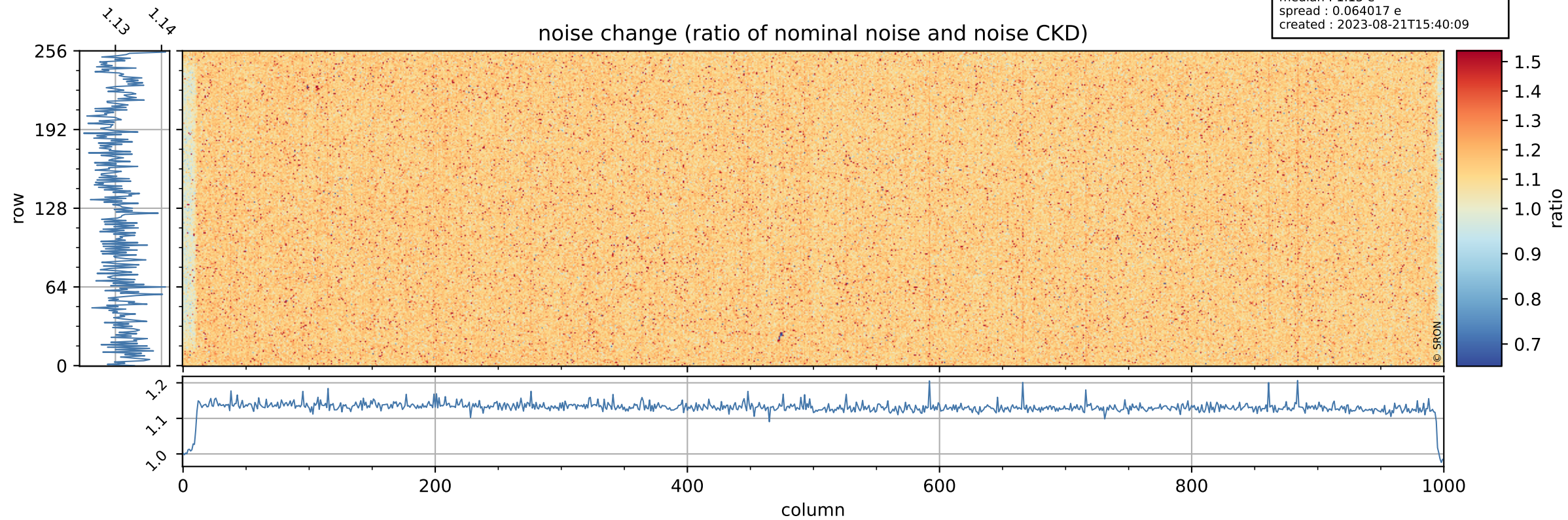
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [15007, 15097]
coverage : 2020-09-05 / 2020-09-11
median : 1.0026 e
spread : 0.0084659 e
created : 2023-08-21T15:40:09



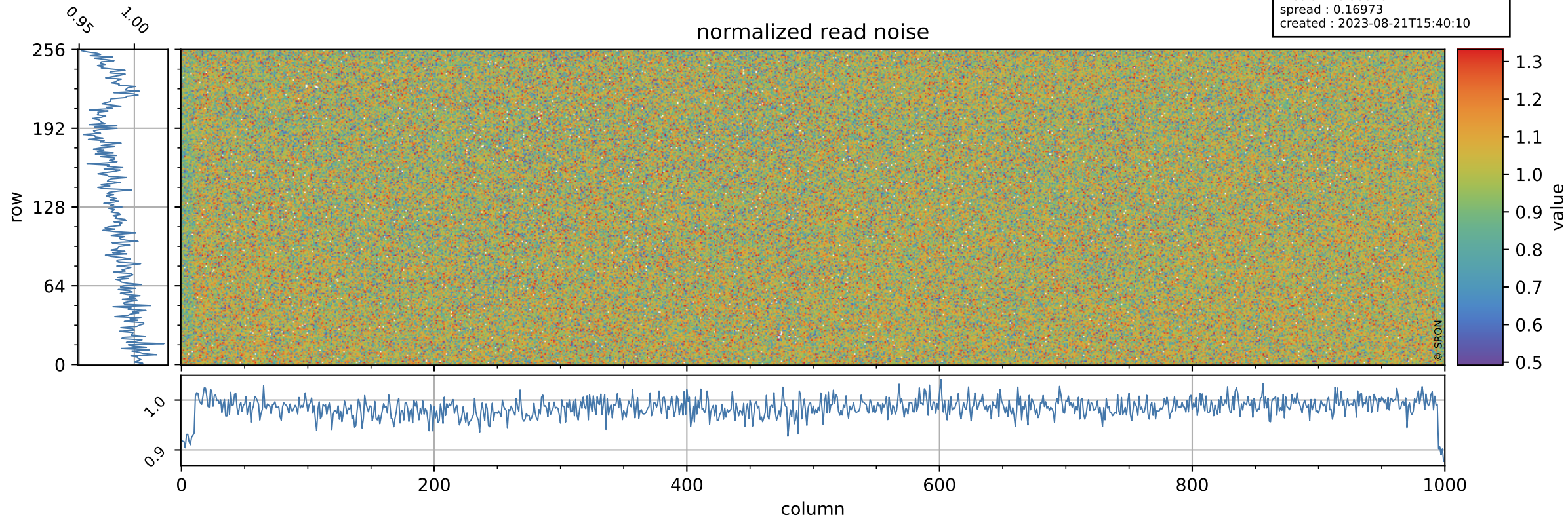
Tropomi SWIR background noise (swir)

orbits : 13 in [15007, 15097]
coverage : 2020-09-05 / 2020-09-11
median : 1.13 e
spread : 0.064017 e
created : 2023-08-21T15:40:09



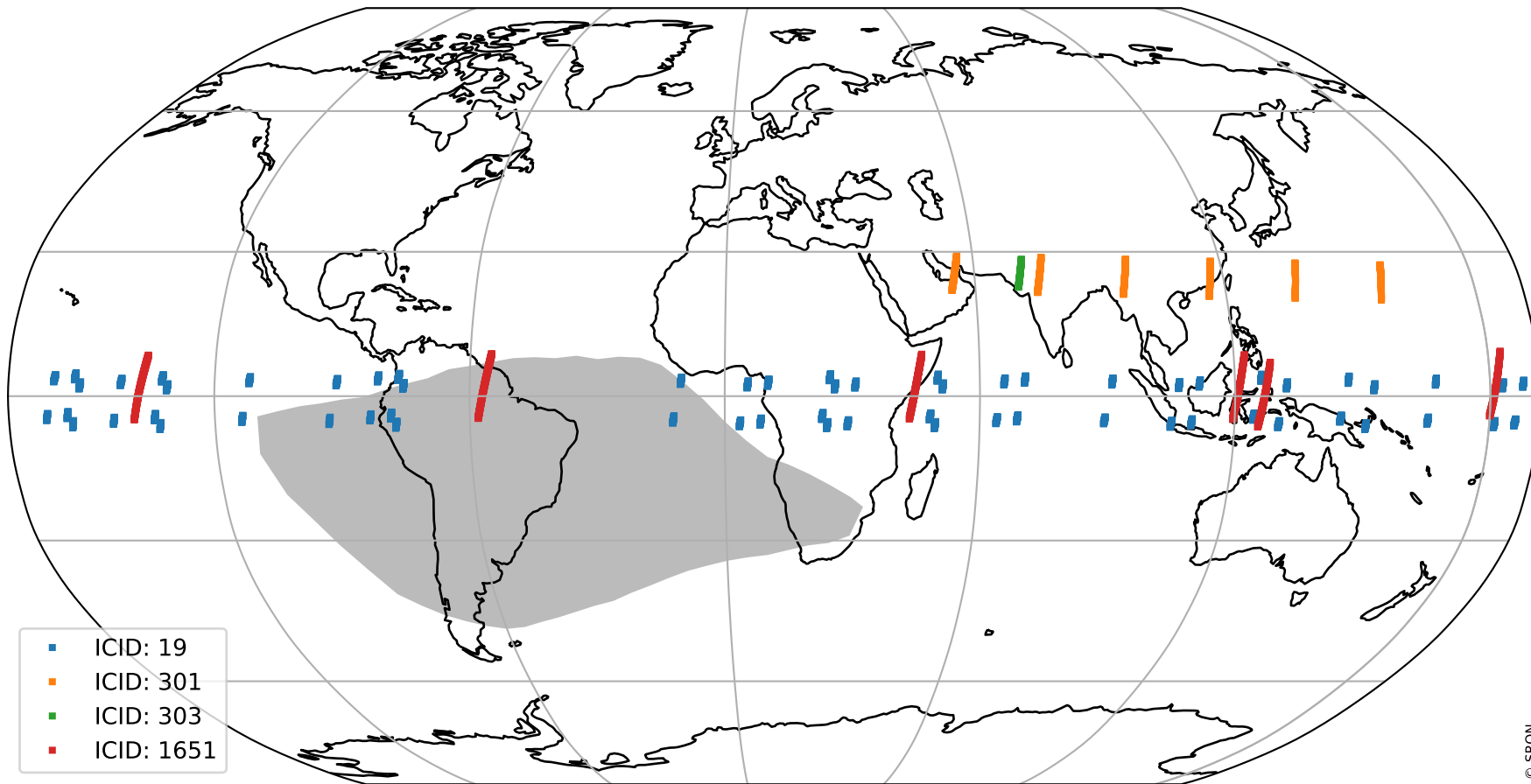
Tropomi SWIR background noise (swir)

orbits : 13 in [15007, 15097]
coverage : 2020-09-05 / 2020-09-11
median : 0.98316
spread : 0.16973
created : 2023-08-21T15:40:10



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

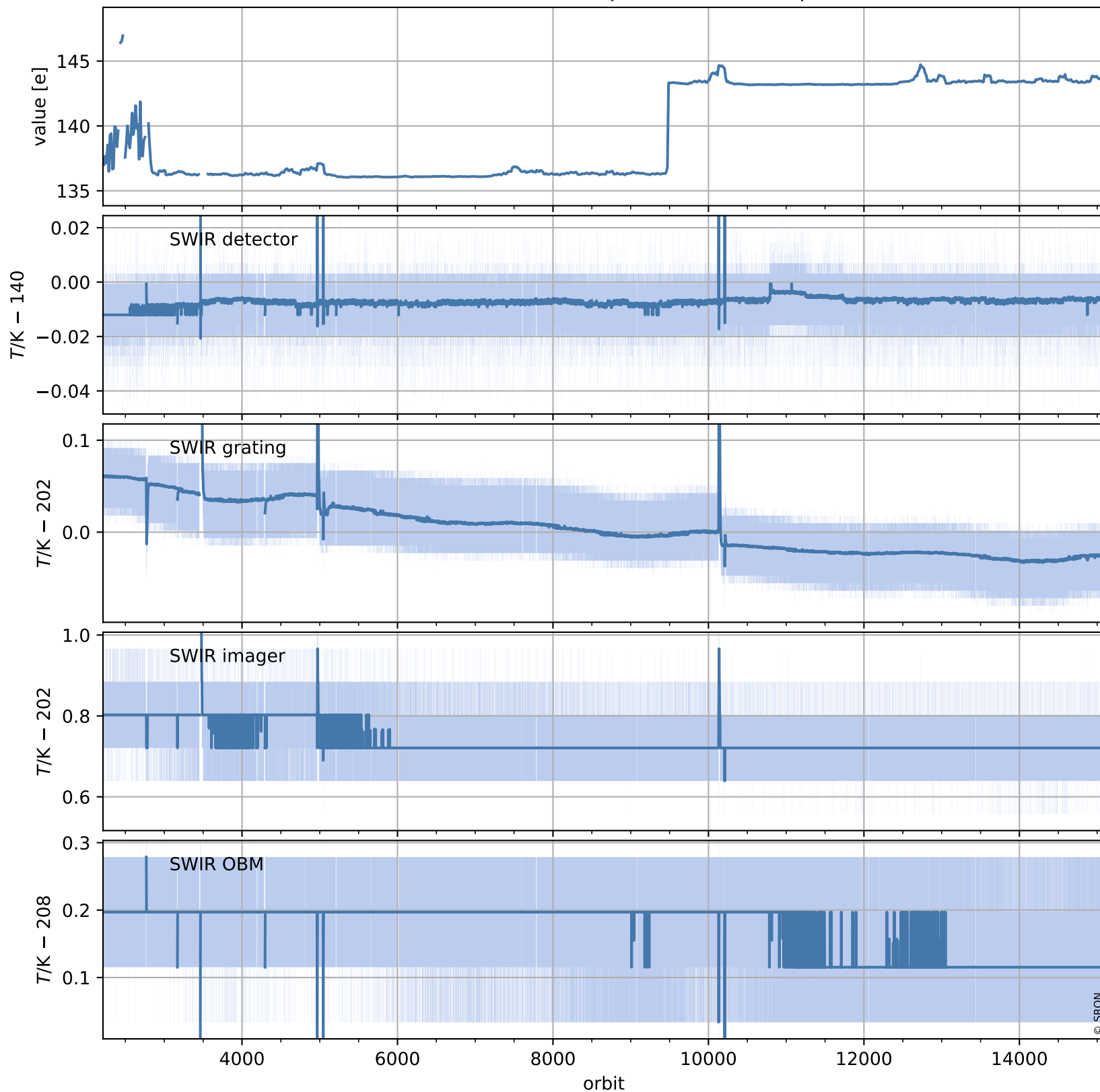
orbits : 13 in [15007, 15097]
coverage : 2020-09-05 / 2020-09-11
created : 2023-08-21T15:40:10



Tropomi SWIR background noise (swir)

orbits : [2212, 15097]
coverage : 2018-03-18 / 2020-09-11
created : 2023-08-21T15:40:10

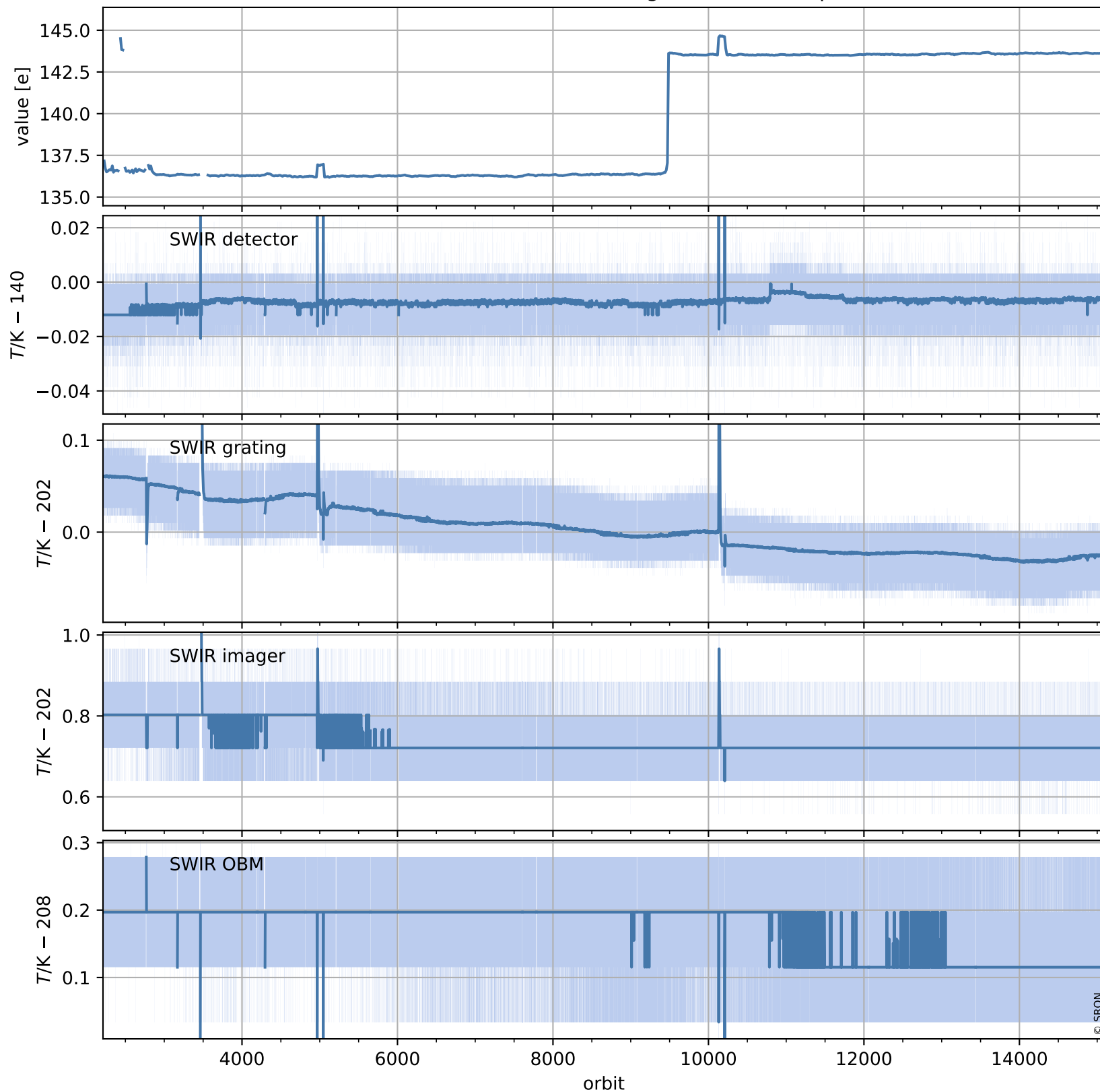
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15097]
coverage : 2018-03-18 / 2020-09-11
created : 2023-08-21T15:40:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15097]
coverage : 2018-03-18 / 2020-09-11
created : 2023-08-21T15:40:12

trend of normalized read-noise & temperatures

