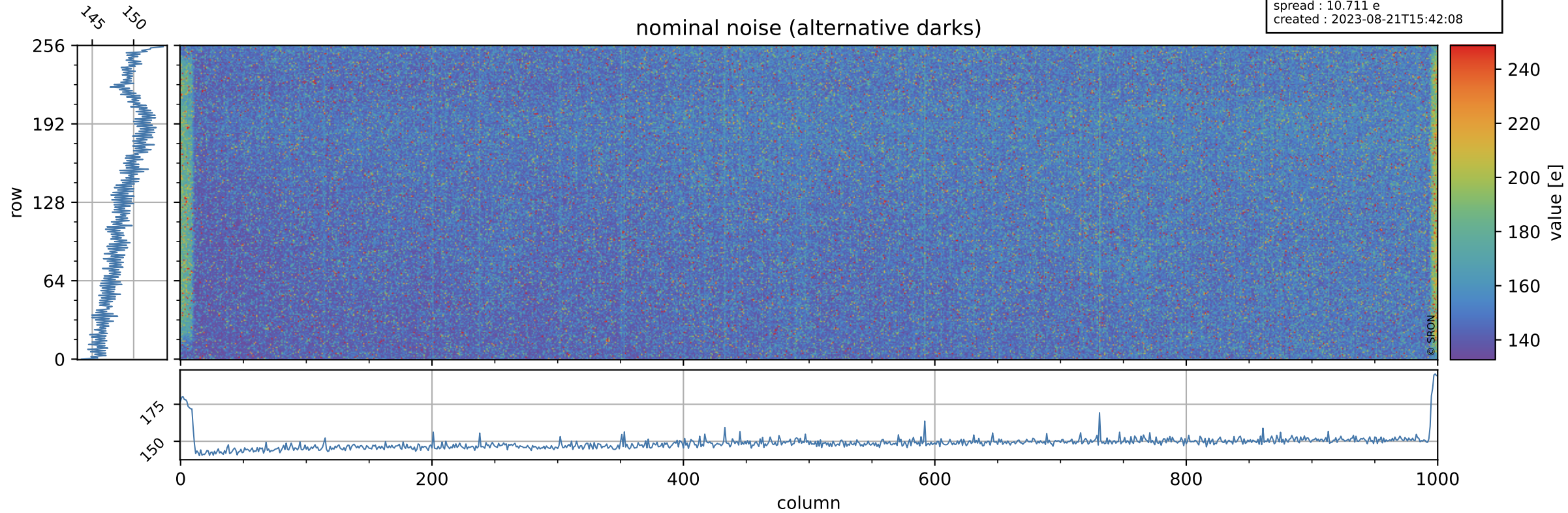


Tropomi SWIR background noise (swir)

orbits : 13 in [15367, 15457]
coverage : 2020-09-30 / 2020-10-06
n_coad, t_exp : 1, 1.0783
median : 148.67 e
spread : 10.711 e
created : 2023-08-21T15:42:08

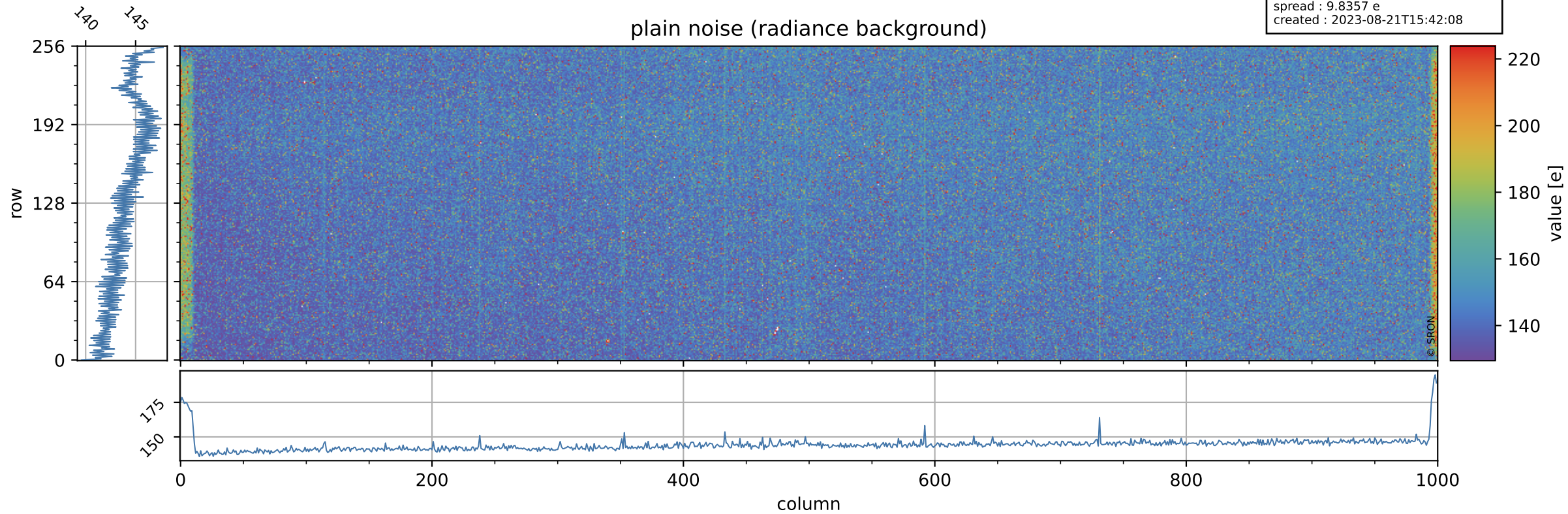
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [15367, 15457]
coverage : 2020-09-30 / 2020-10-06
n_coad, t_exp : 1, 0.8383
median : 143.99 e
spread : 9.8357 e
created : 2023-08-21T15:42:08

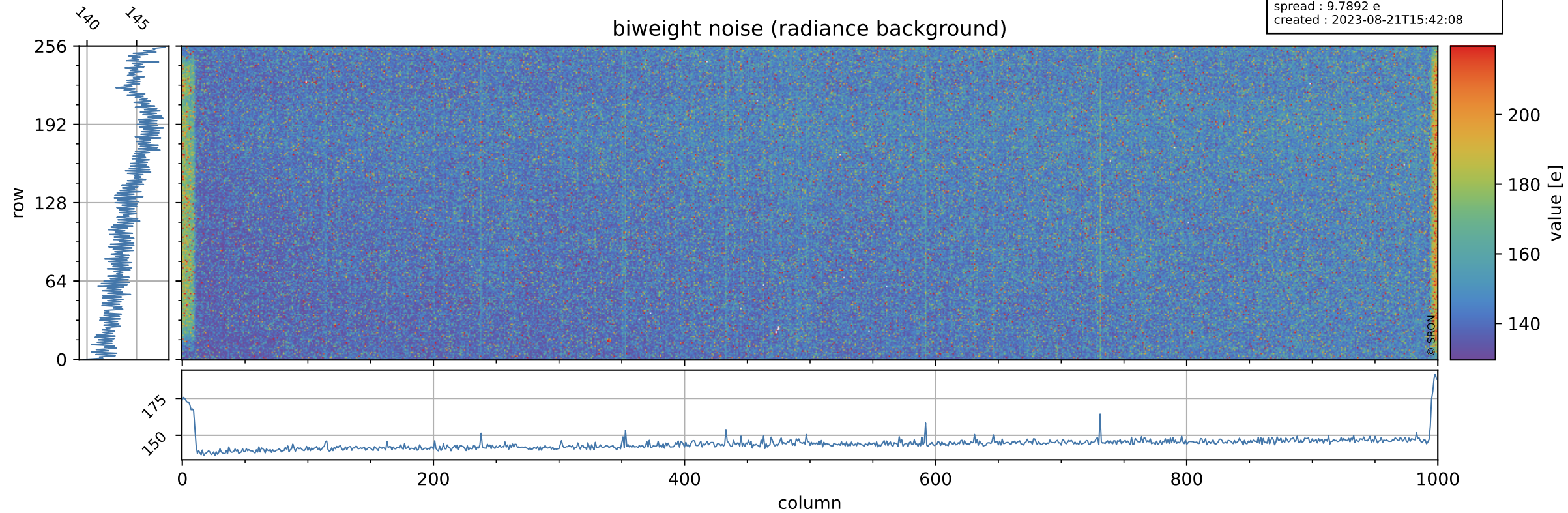
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [15367, 15457]
coverage : 2020-09-30 / 2020-10-06
n_coad, t_exp : 1, 0.8383
median : 144.2 e
spread : 9.7892 e
created : 2023-08-21T15:42:08

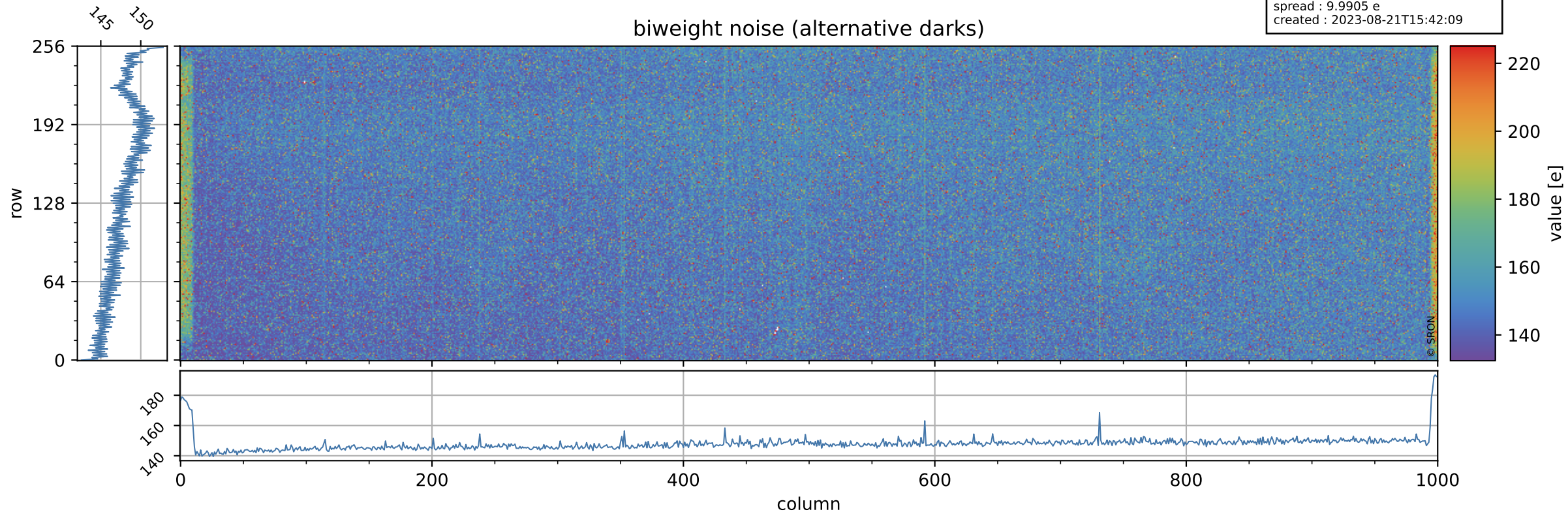
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [15367, 15457]
coverage : 2020-09-30 / 2020-10-06
n_coad, t_exp : 1, 1.0783
median : 147.69 e
spread : 9.9905 e
created : 2023-08-21T15:42:09

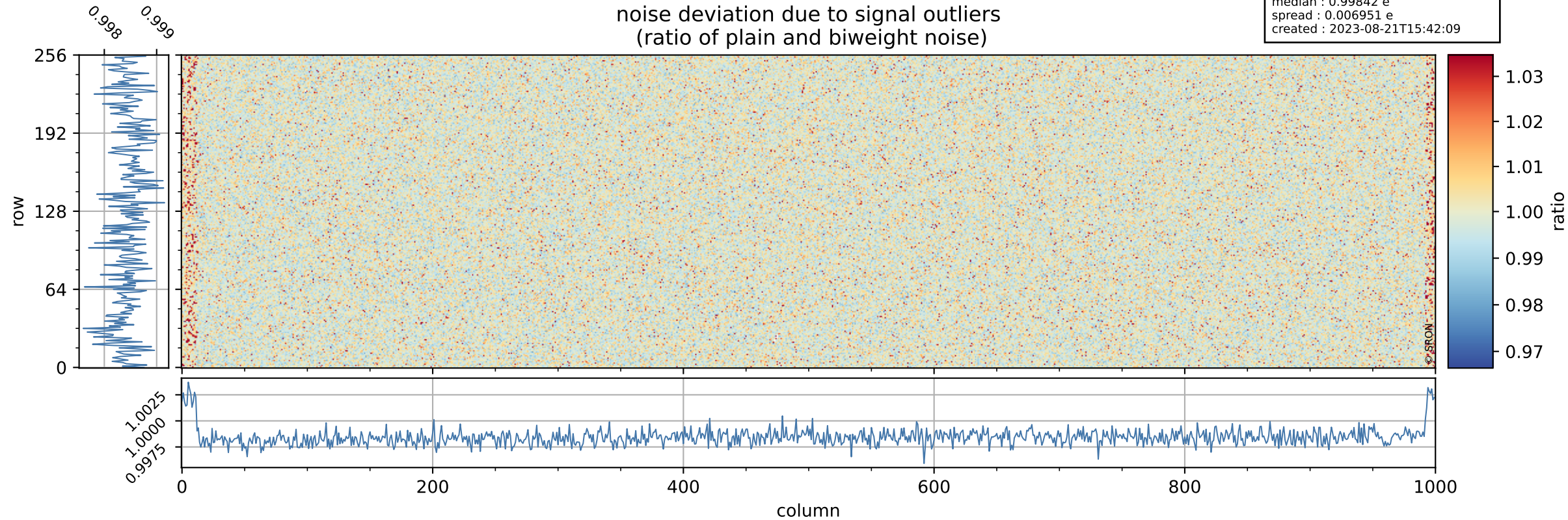
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

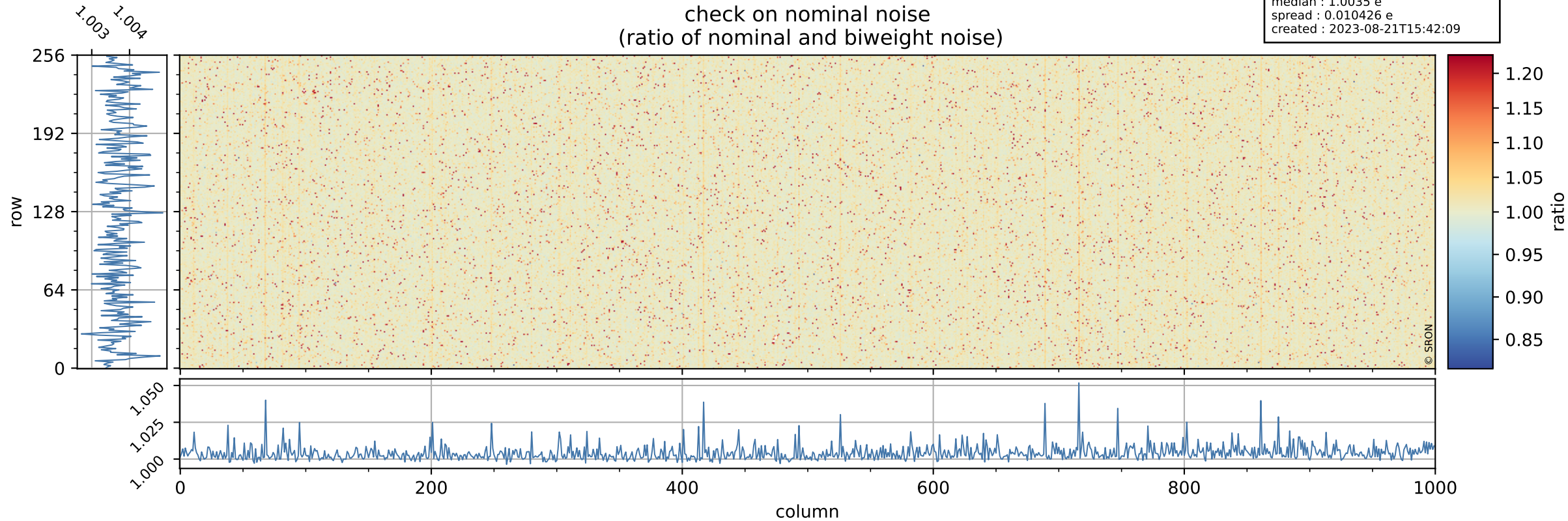
orbits : 13 in [15367, 15457]
coverage : 2020-09-30 / 2020-10-06
median : 0.99842 e
spread : 0.006951 e
created : 2023-08-21T15:42:09



Tropomi SWIR background noise (swir)

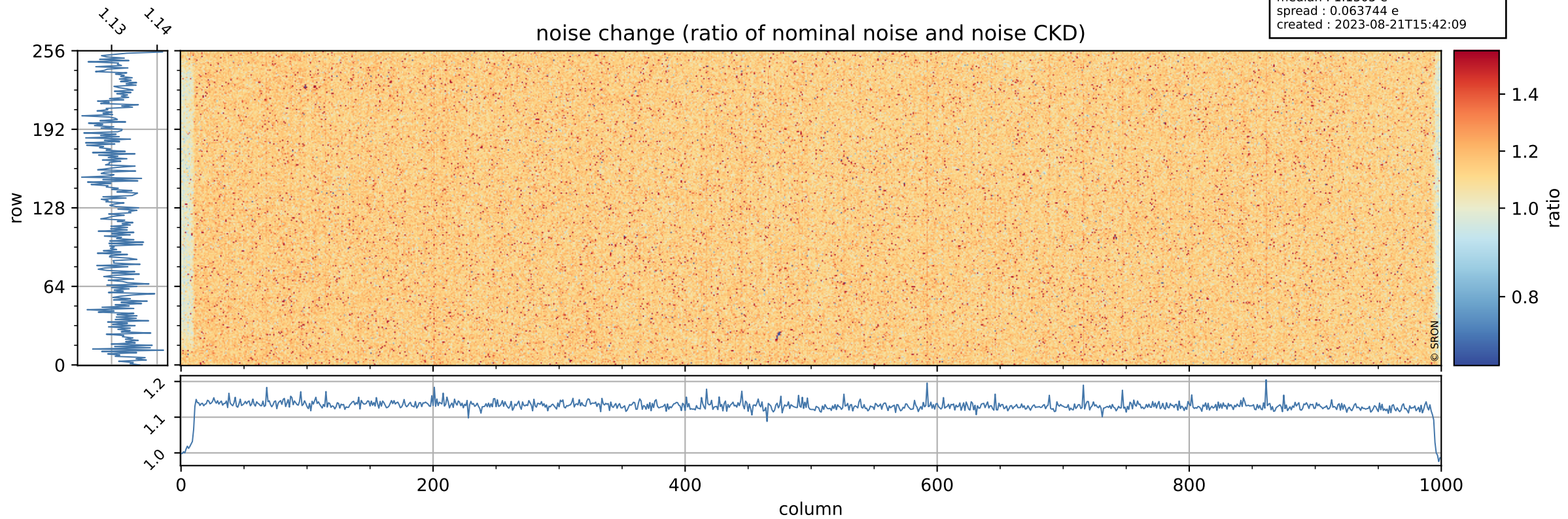
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [15367, 15457]
coverage : 2020-09-30 / 2020-10-06
median : 1.0035 e
spread : 0.010426 e
created : 2023-08-21T15:42:09



Tropomi SWIR background noise (swir)

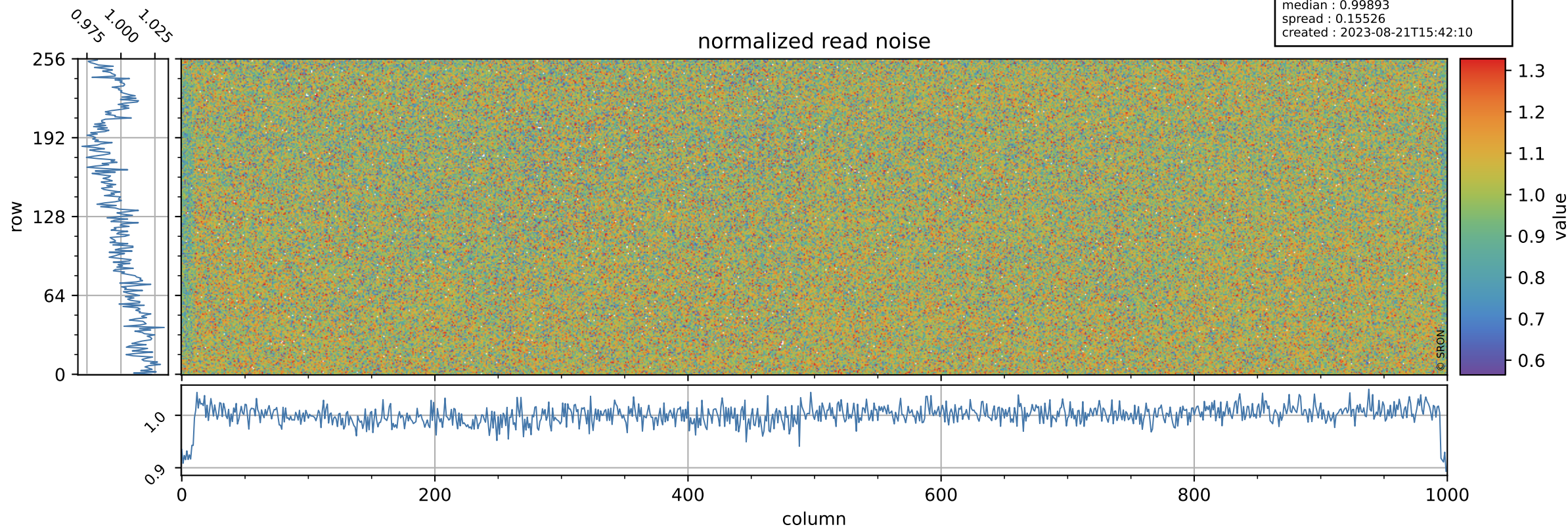
orbits : 13 in [15367, 15457]
coverage : 2020-09-30 / 2020-10-06
median : 1.1305 e
spread : 0.063744 e
created : 2023-08-21T15:42:09



Tropomi SWIR background noise (swir)

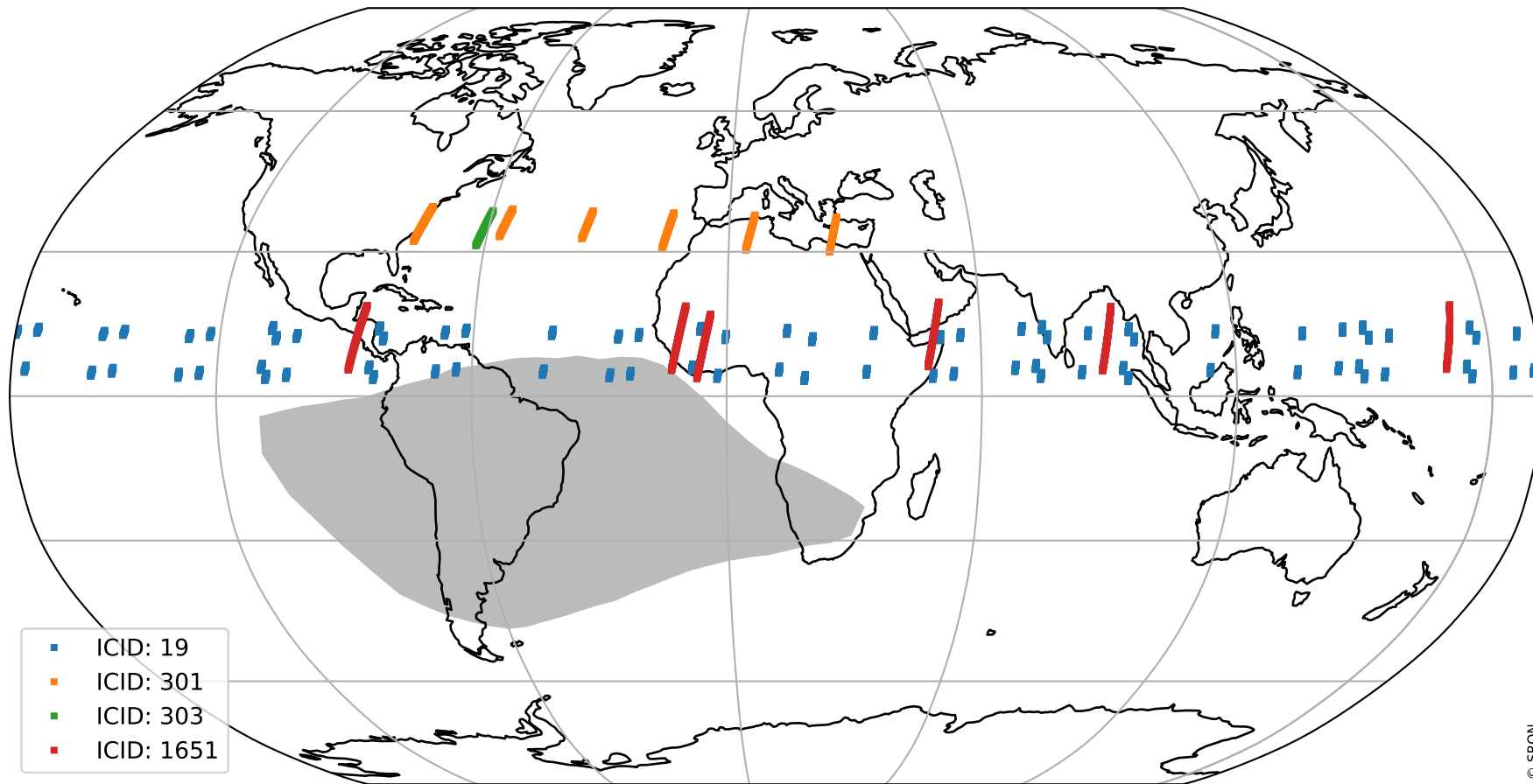
orbits : 13 in [15367, 15457]
coverage : 2020-09-30 / 2020-10-06
median : 0.99893
spread : 0.15526
created : 2023-08-21T15:42:10

normalized read noise



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

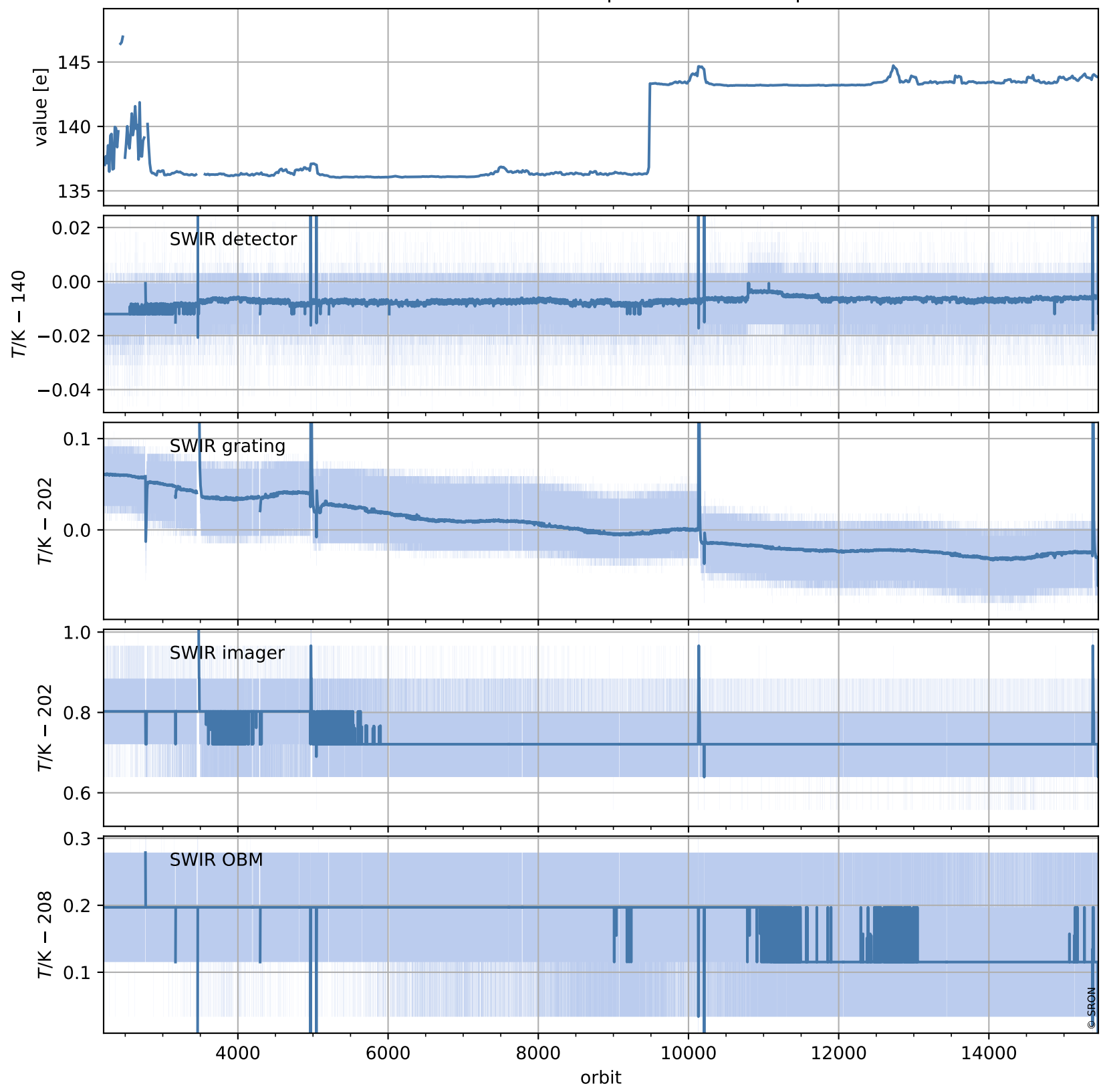
orbits : 13 in [15367, 15457]
coverage : 2020-09-30 / 2020-10-06
created : 2023-08-21T15:42:10



Tropomi SWIR background noise (swir)

orbits : [2212, 15457]
coverage : 2018-03-18 / 2020-10-06
created : 2023-08-21T15:42:10

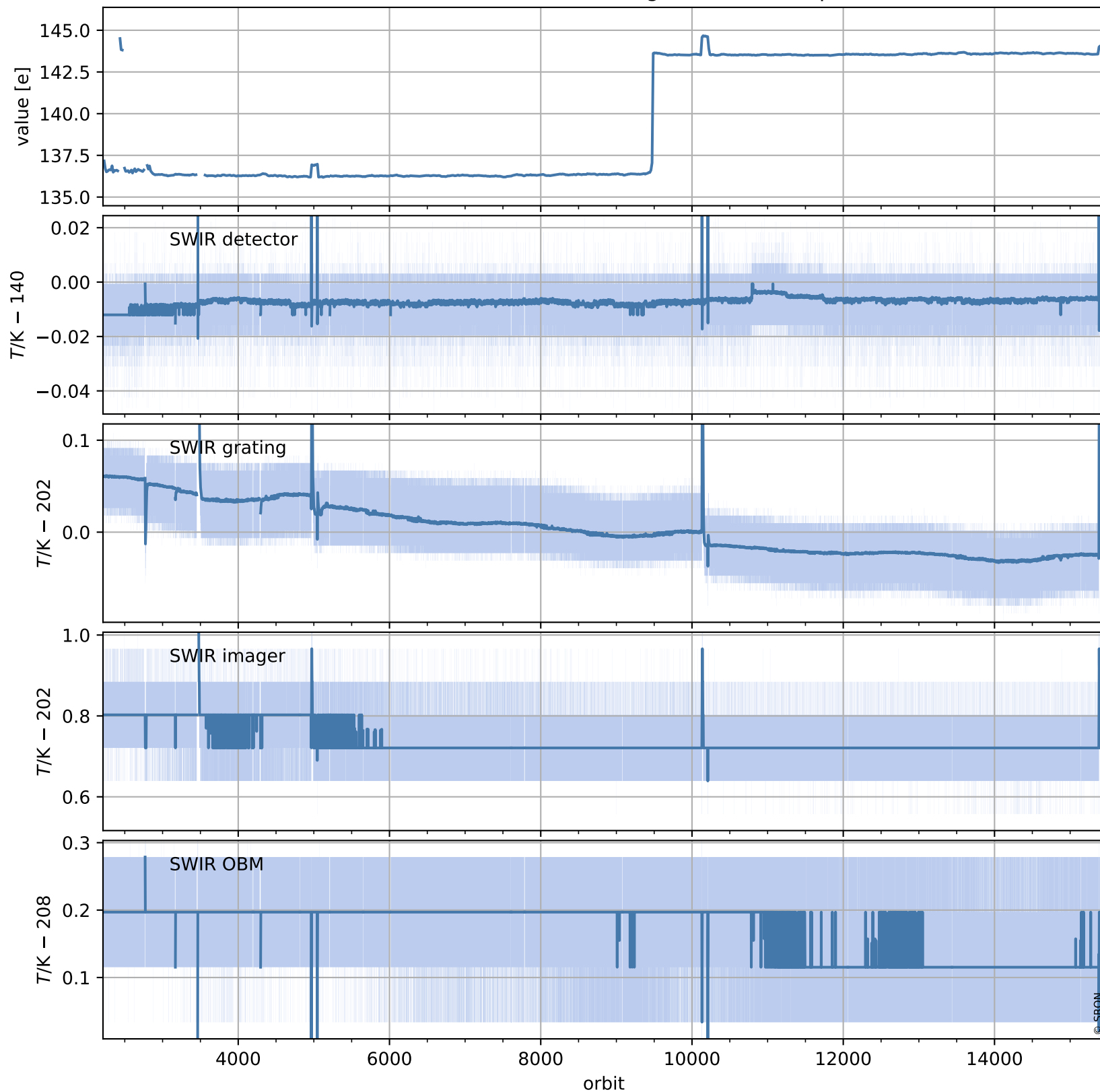
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15457]
coverage : 2018-03-18 / 2020-10-06
created : 2023-08-21T15:42:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15457]
coverage : 2018-03-18 / 2020-10-06
created : 2023-08-21T15:42:12

trend of normalized read-noise & temperatures

