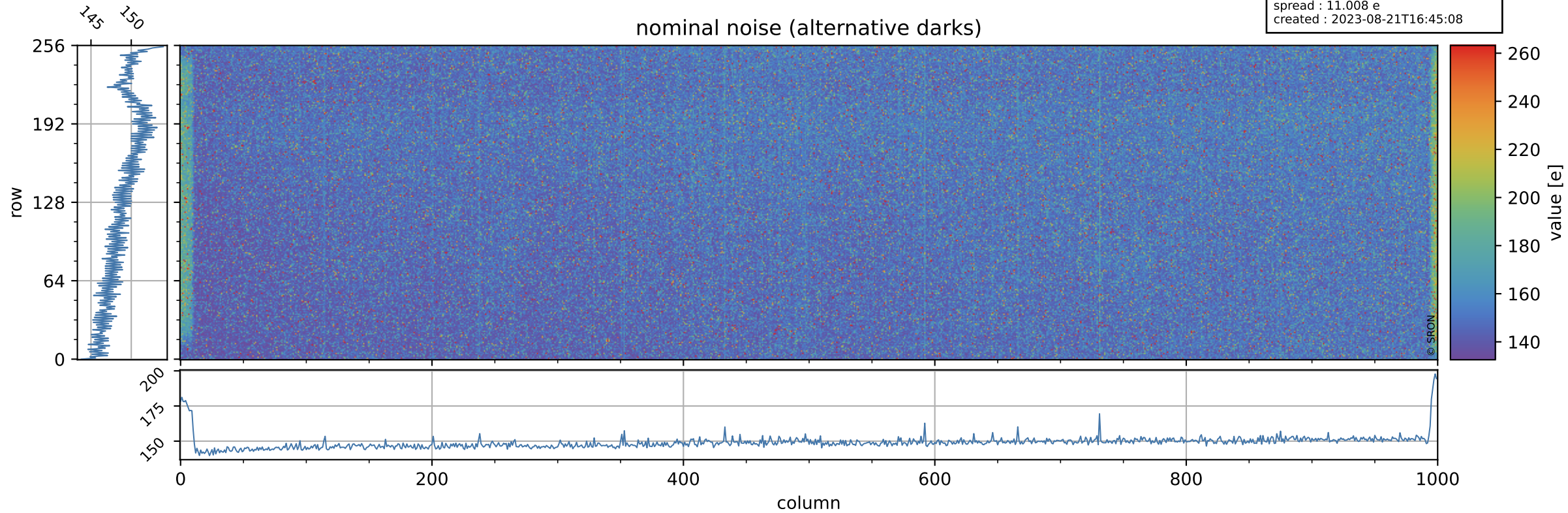


Tropomi SWIR background noise (swir)

orbits : 12 in [25717, 25807]
coverage : 2022-09-30 / 2022-10-06
n_coad, t_exp : 1, 1.0783
median : 148.84 e
spread : 11.008 e
created : 2023-08-21T16:45:08

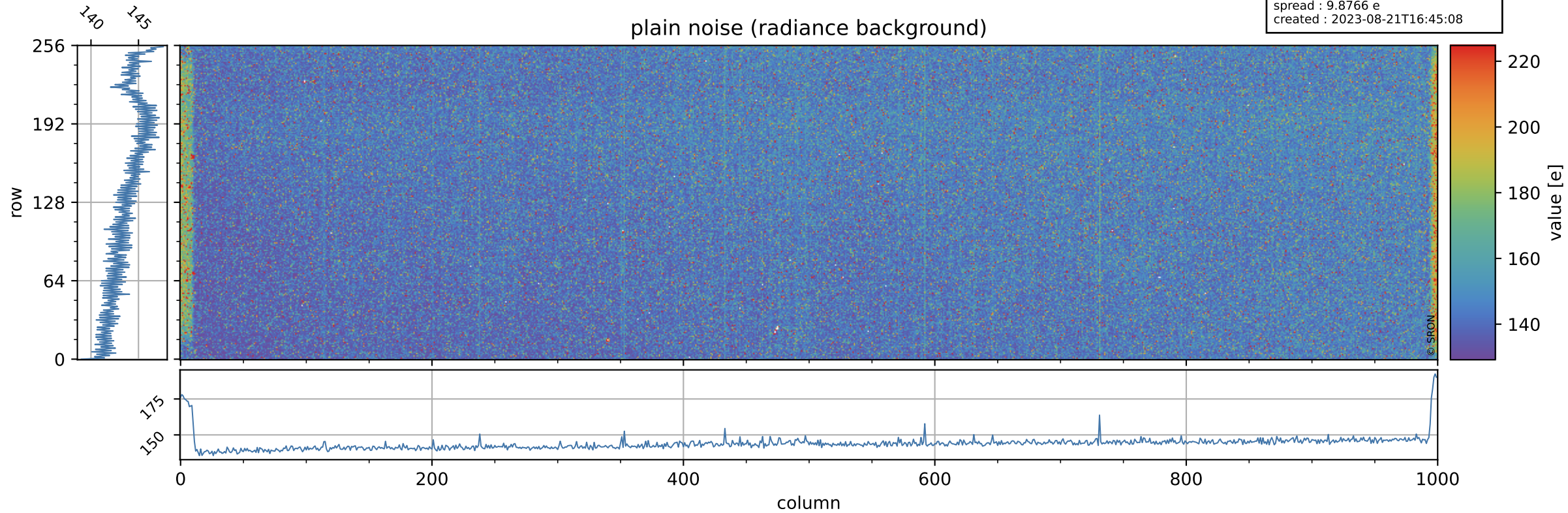
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25717, 25807]
coverage : 2022-09-30 / 2022-10-06
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 9.8766 e
created : 2023-08-21T16:45:08

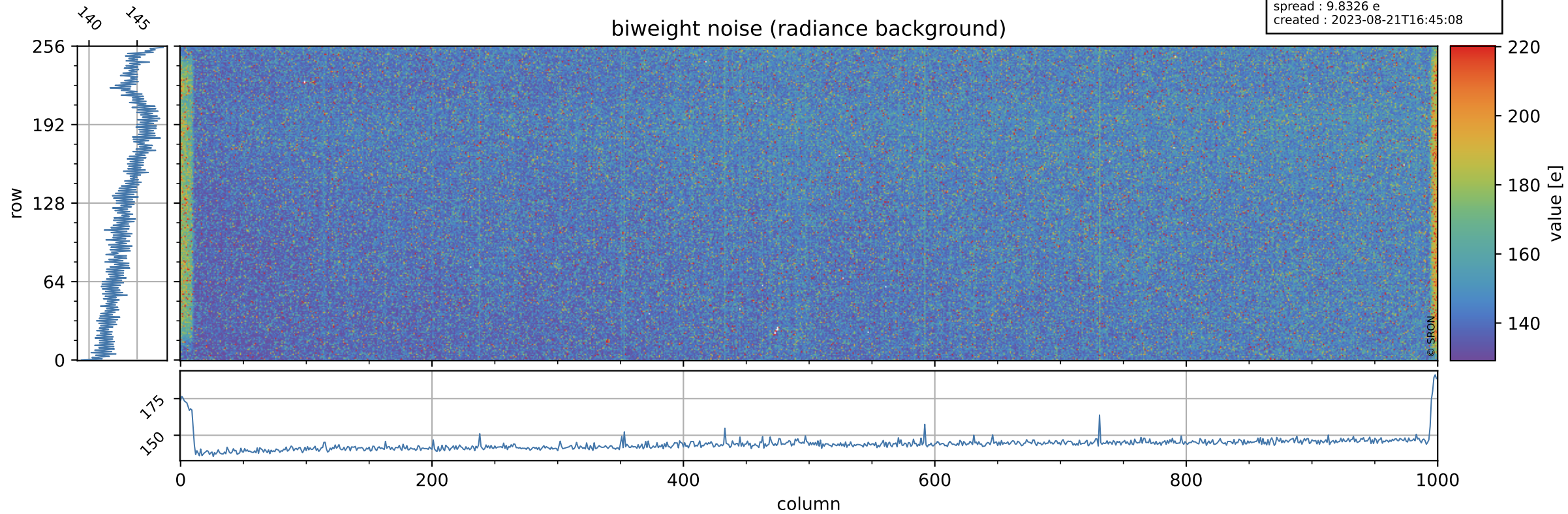
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25717, 25807]
coverage : 2022-09-30 / 2022-10-06
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.8326 e
created : 2023-08-21T16:45:08

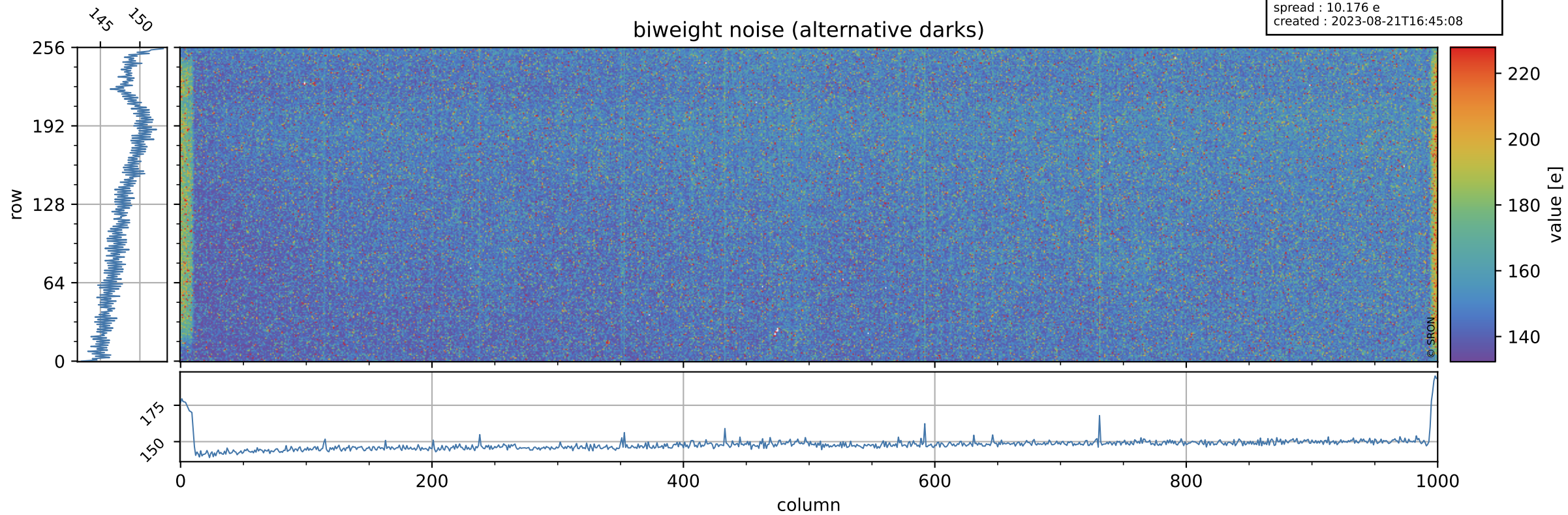
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25717, 25807]
coverage : 2022-09-30 / 2022-10-06
n_coad, t_exp : 1, 1.0783
median : 147.83 e
spread : 10.176 e
created : 2023-08-21T16:45:08

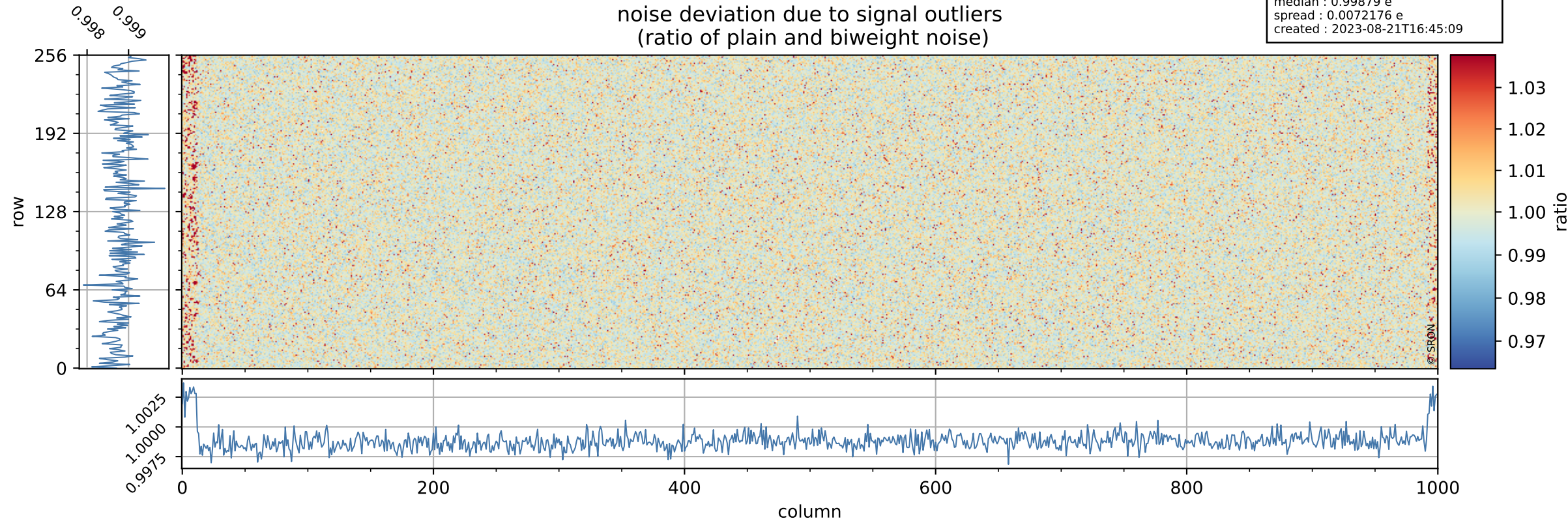
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

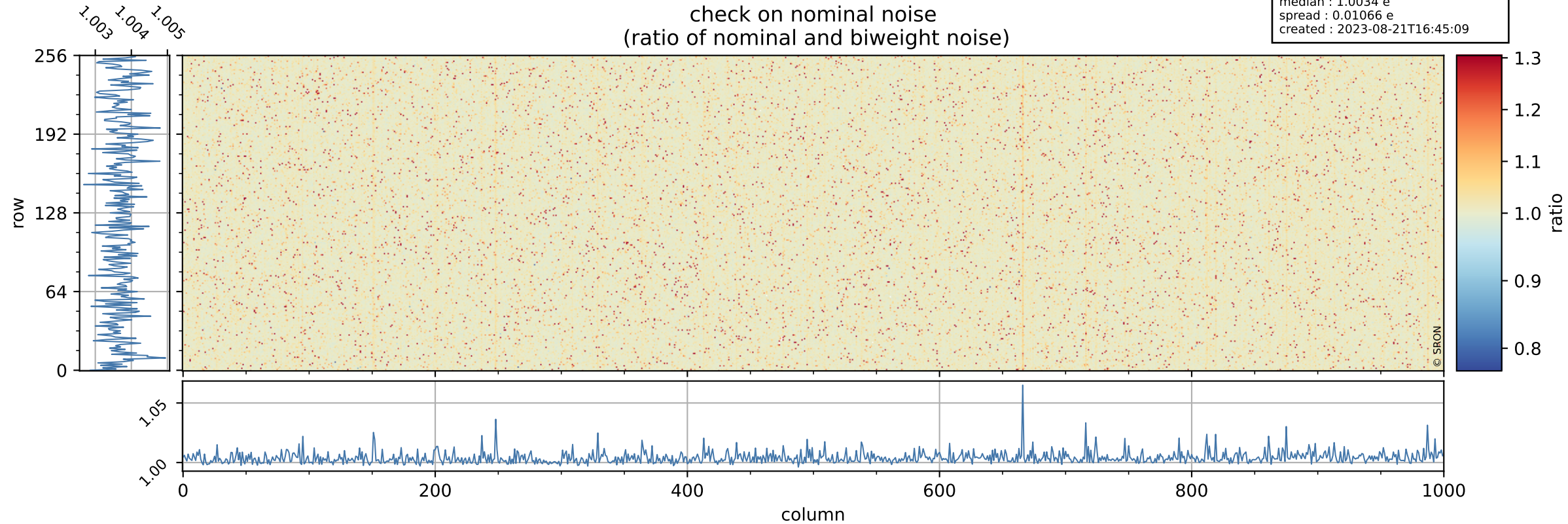
orbits : 12 in [25717, 25807]
coverage : 2022-09-30 / 2022-10-06
median : 0.99879 e
spread : 0.0072176 e
created : 2023-08-21T16:45:09



Tropomi SWIR background noise (swir)

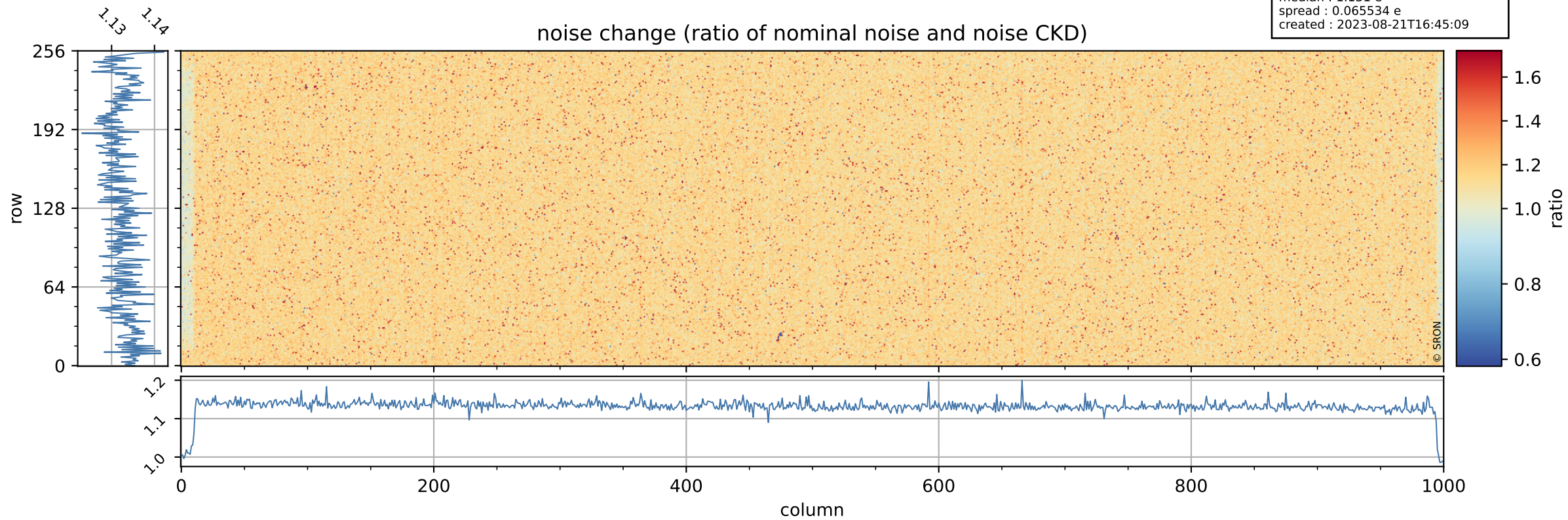
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25717, 25807]
coverage : 2022-09-30 / 2022-10-06
median : 1.0034 e
spread : 0.01066 e
created : 2023-08-21T16:45:09



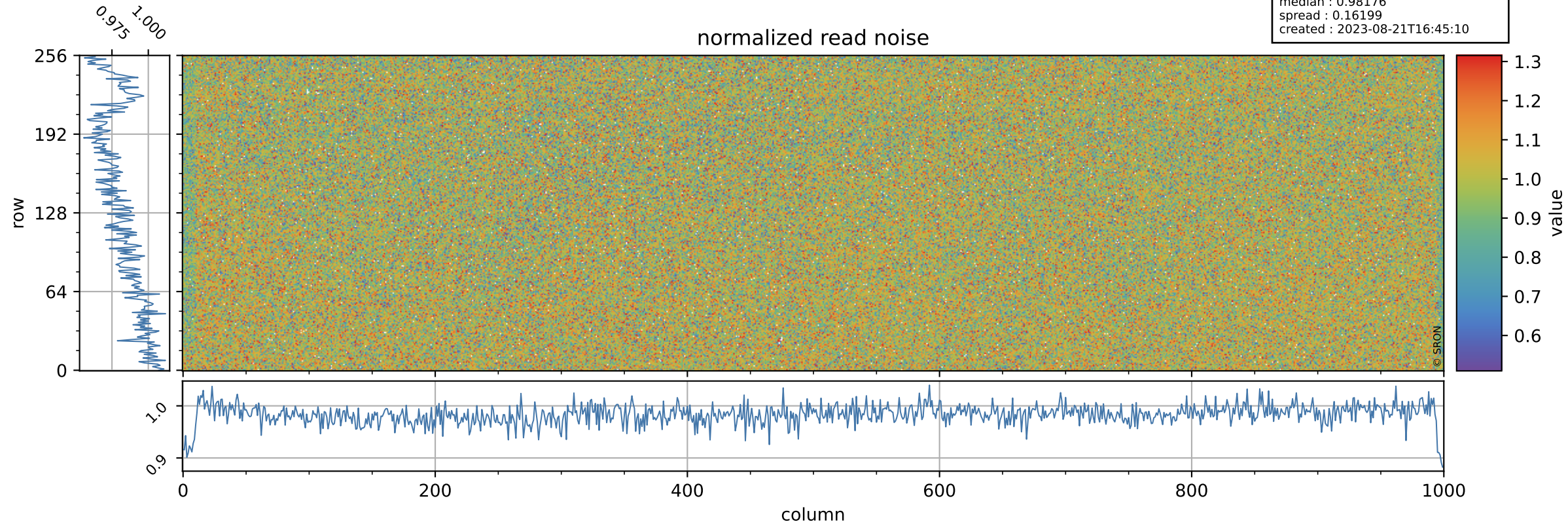
Tropomi SWIR background noise (swir)

orbits : 12 in [25717, 25807]
coverage : 2022-09-30 / 2022-10-06
median : 1.131 e
spread : 0.065534 e
created : 2023-08-21T16:45:09



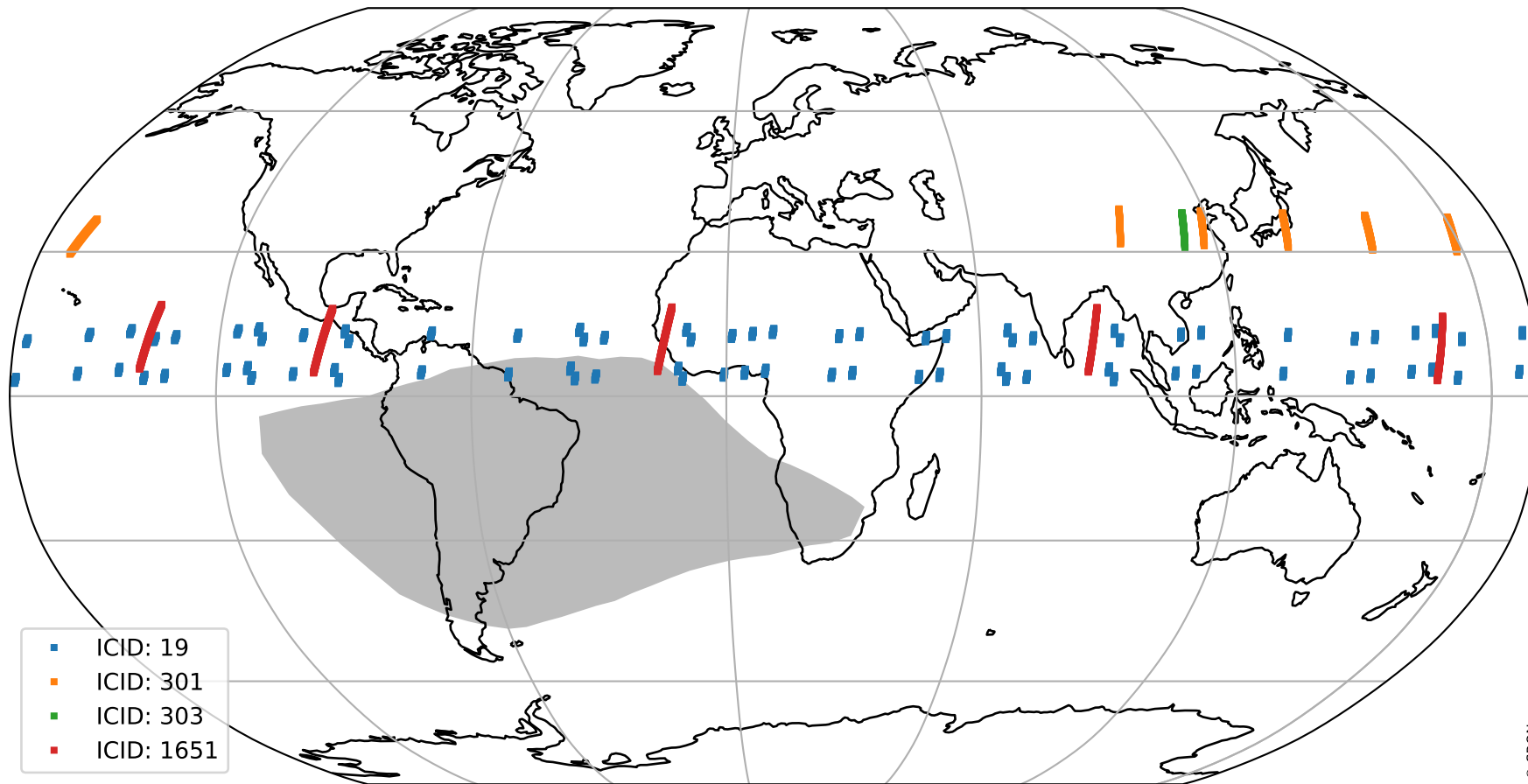
Tropomi SWIR background noise (swir)

orbits : 12 in [25717, 25807]
coverage : 2022-09-30 / 2022-10-06
median : 0.98176
spread : 0.16199
created : 2023-08-21T16:45:10



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

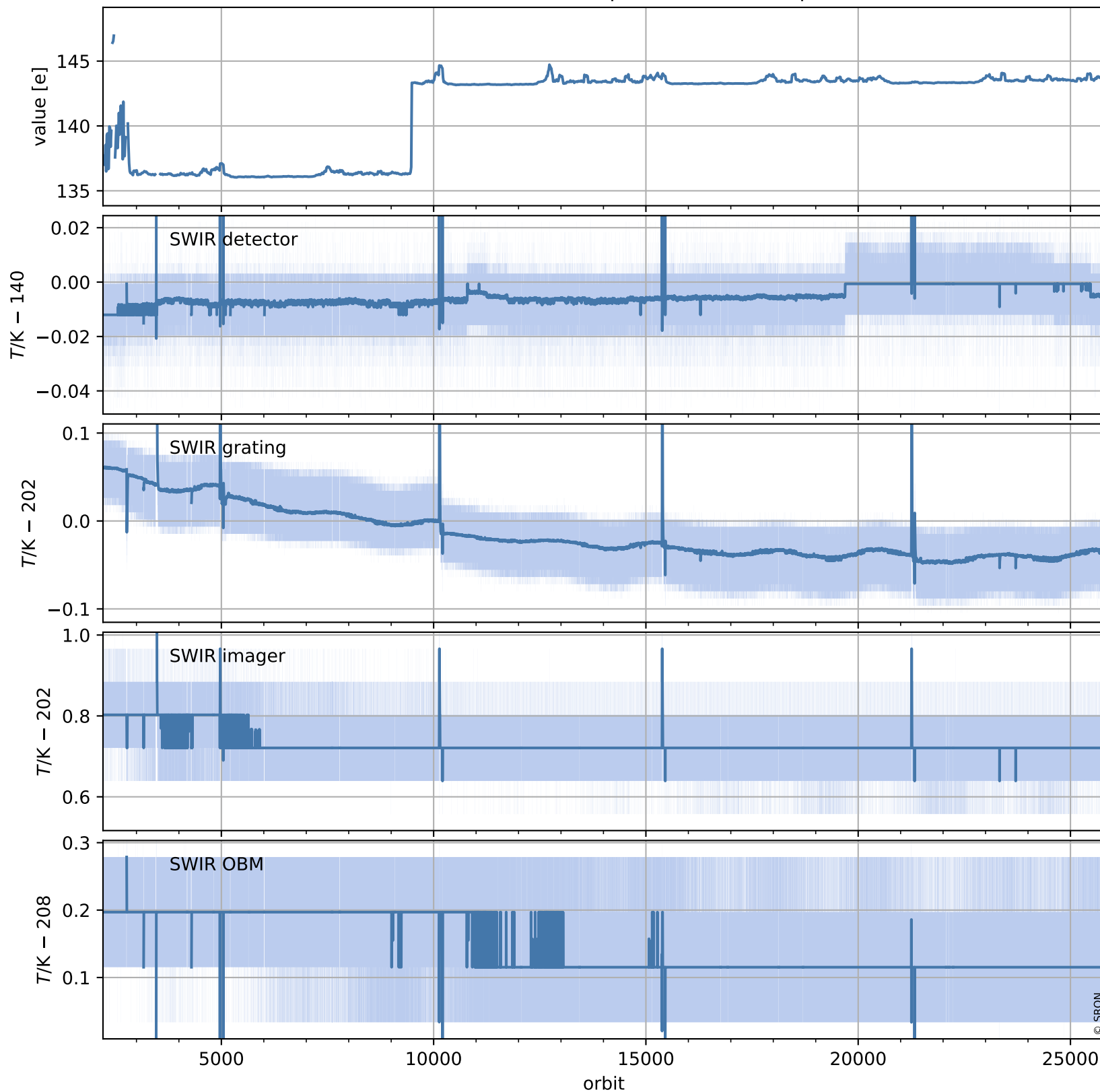
orbits : 12 in [25717, 25807]
coverage : 2022-09-30 / 2022-10-06
created : 2023-08-21T16:45:10



Tropomi SWIR background noise (swir)

orbits : [2212, 25807]
coverage : 2018-03-18 / 2022-10-06
created : 2023-08-21T16:45:10

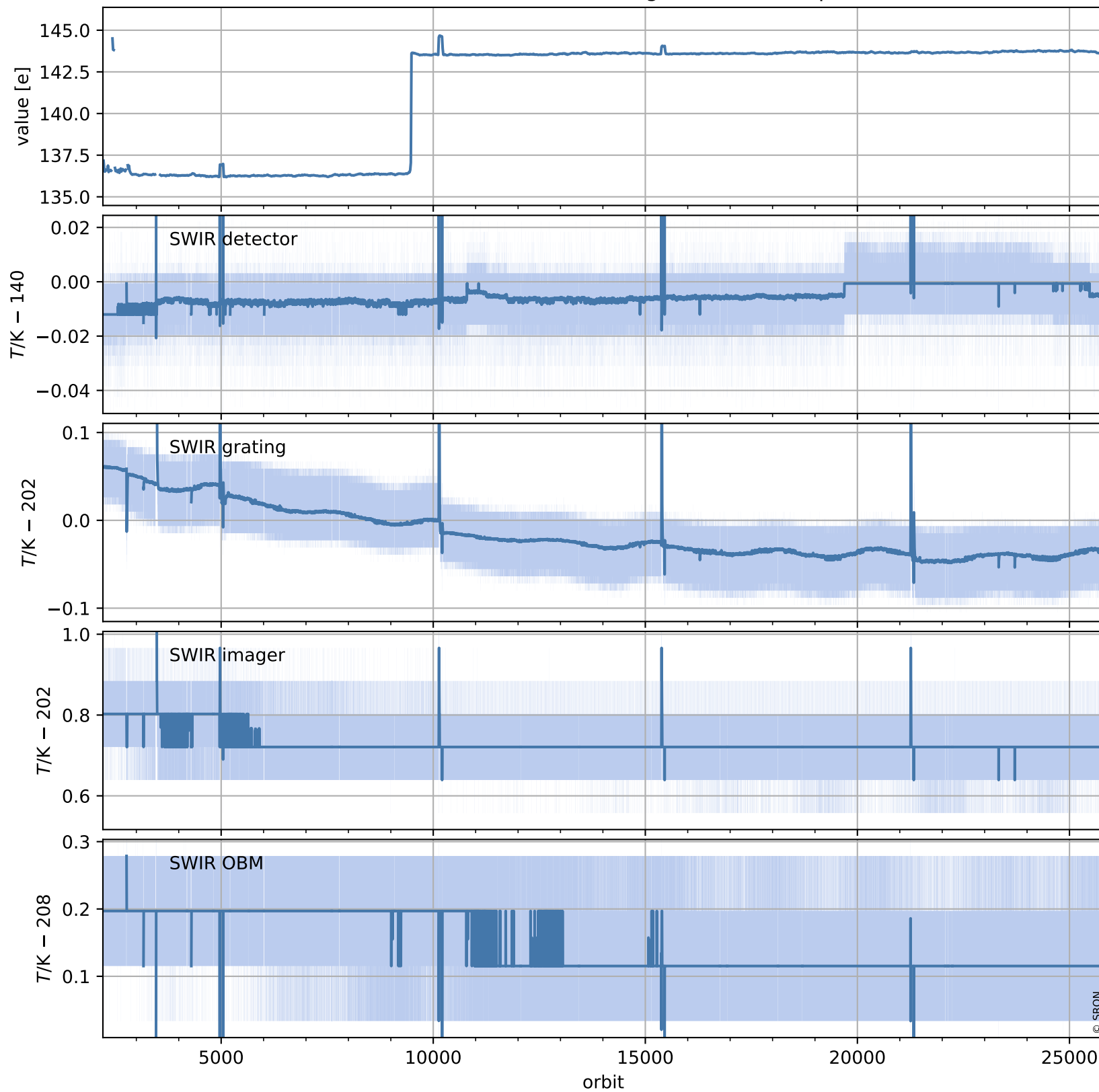
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25807]
coverage : 2018-03-18 / 2022-10-06
created : 2023-08-21T16:45:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25807]
coverage : 2018-03-18 / 2022-10-06
created : 2023-08-21T16:45:12

trend of normalized read-noise & temperatures

