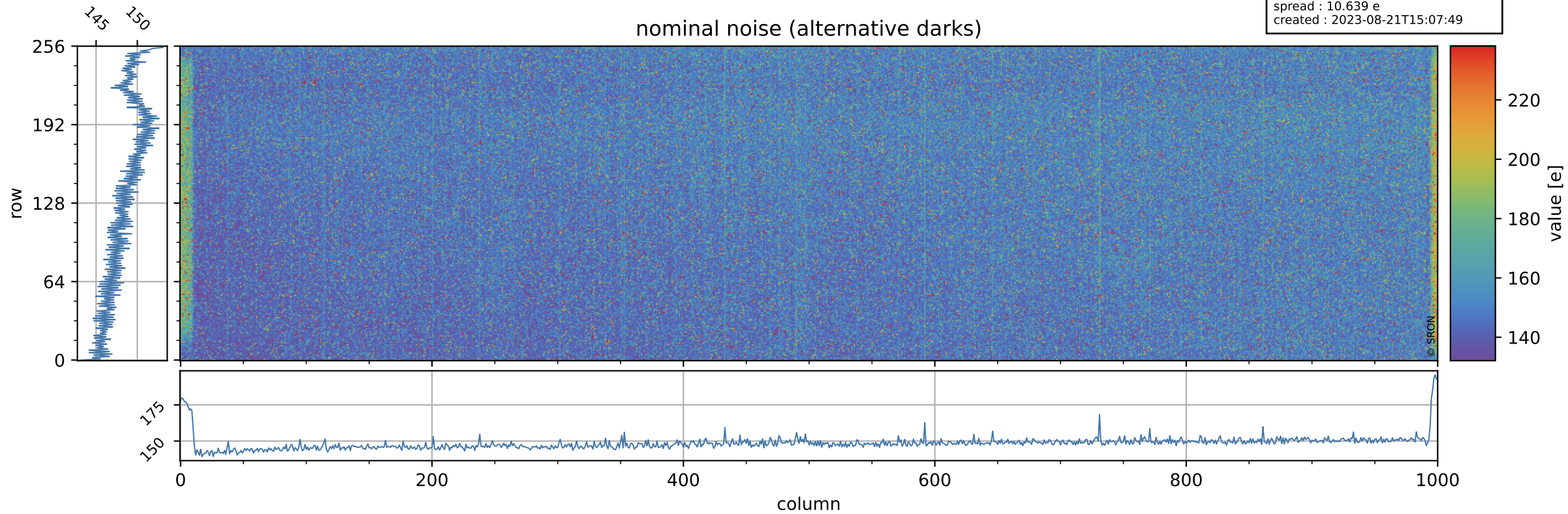


Tropomi SWIR background noise (swir)

orbits : 12 in [9832, 9907]
coverage : 2019-09-05 / 2019-09-11
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.639 e
created : 2023-08-21T15:07:49

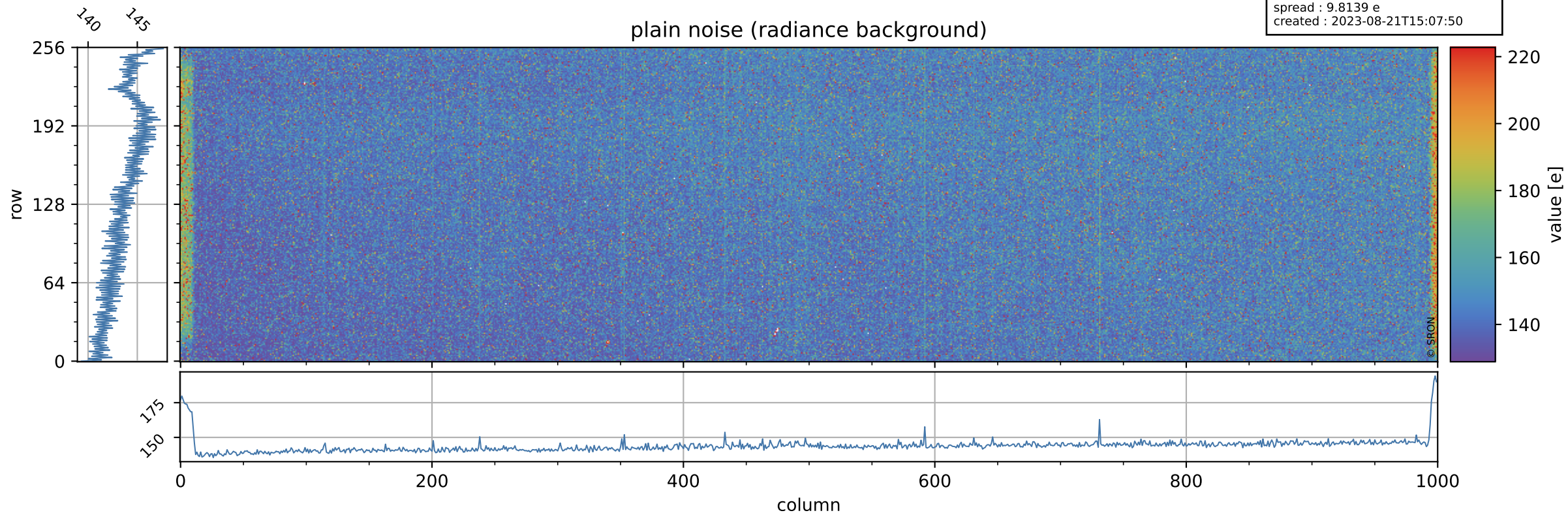
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9832, 9907]
coverage : 2019-09-05 / 2019-09-11
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.8139 e
created : 2023-08-21T15:07:50

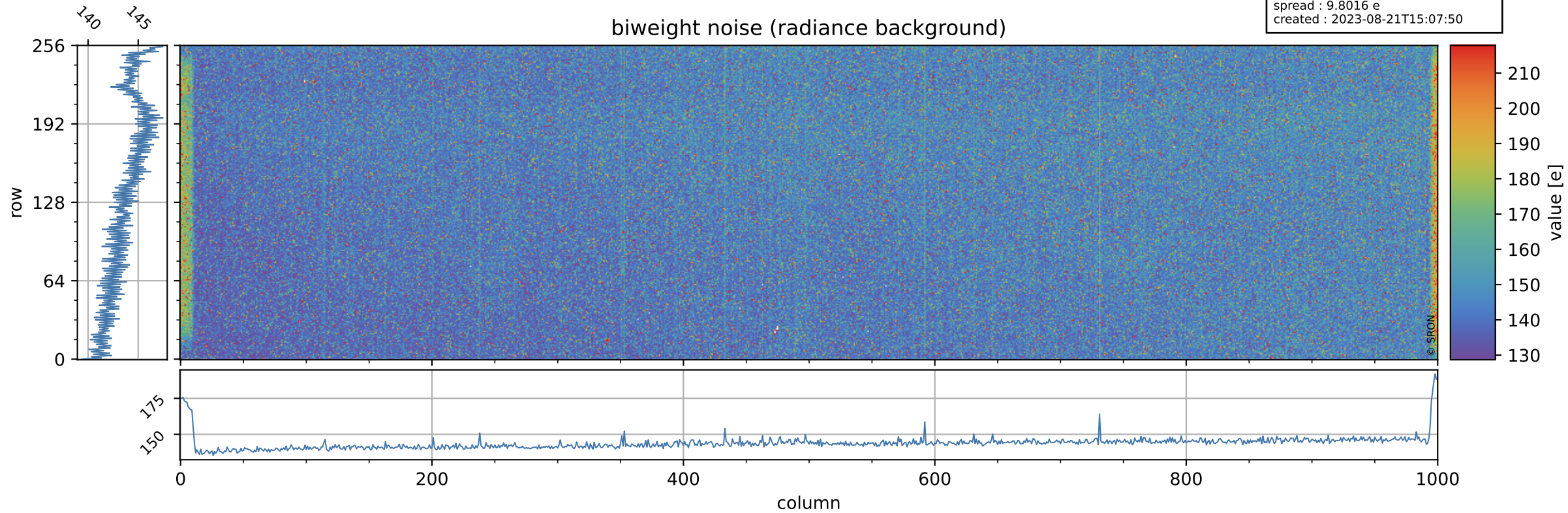
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9832, 9907]
coverage : 2019-09-05 / 2019-09-11
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.8016 e
created : 2023-08-21T15:07:50

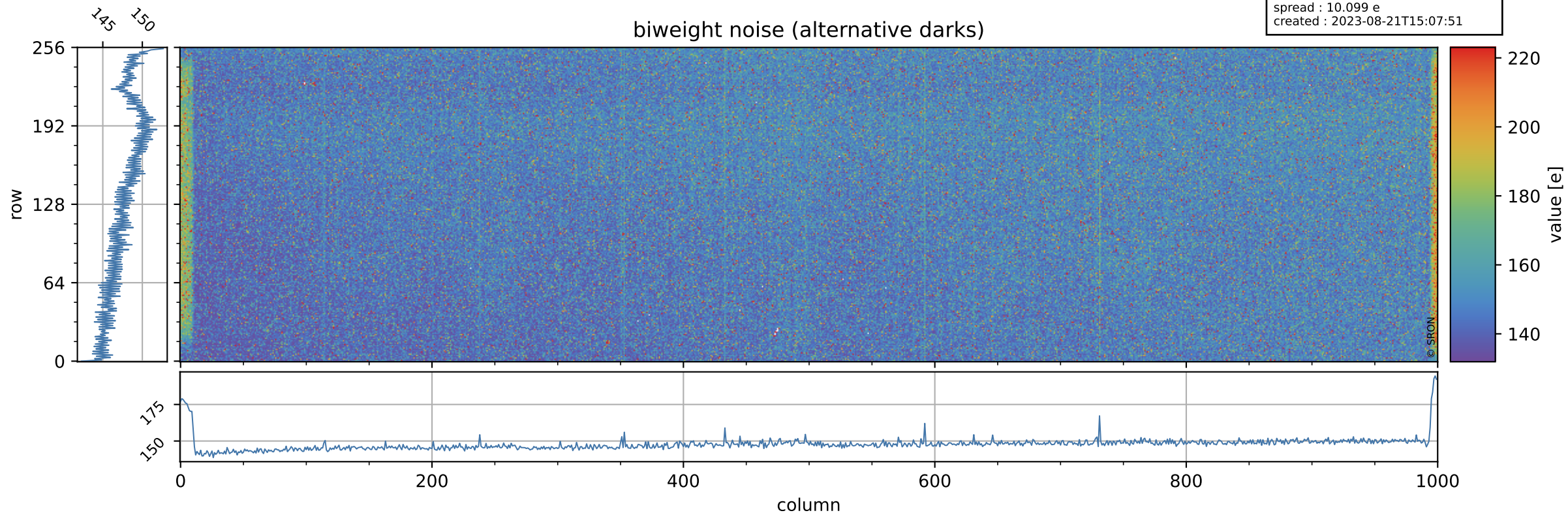
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9832, 9907]
coverage : 2019-09-05 / 2019-09-11
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.099 e
created : 2023-08-21T15:07:51

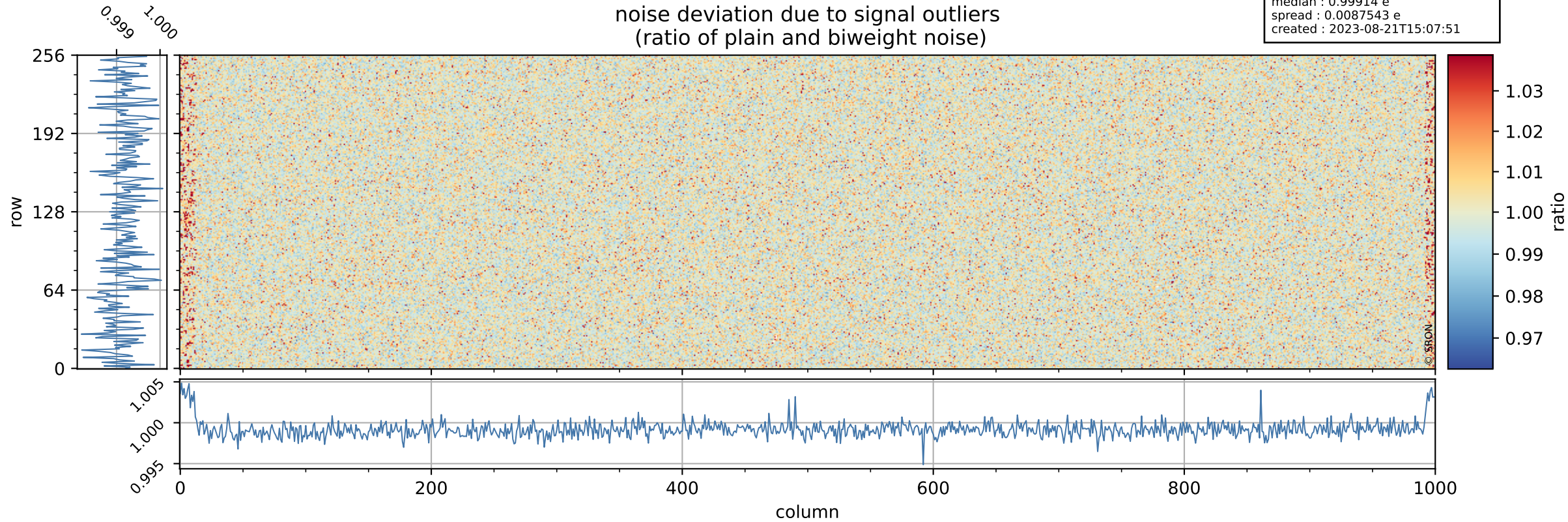
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

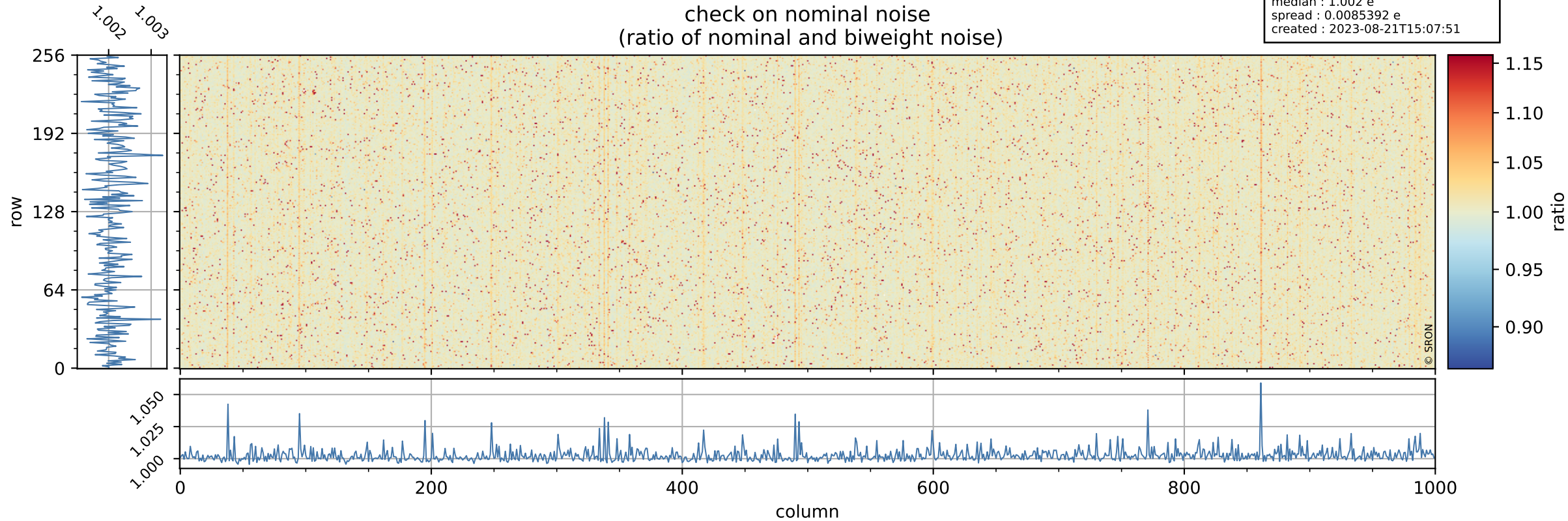
orbits : 12 in [9832, 9907]
coverage : 2019-09-05 / 2019-09-11
median : 0.99914 e
spread : 0.0087543 e
created : 2023-08-21T15:07:51



Tropomi SWIR background noise (swir)

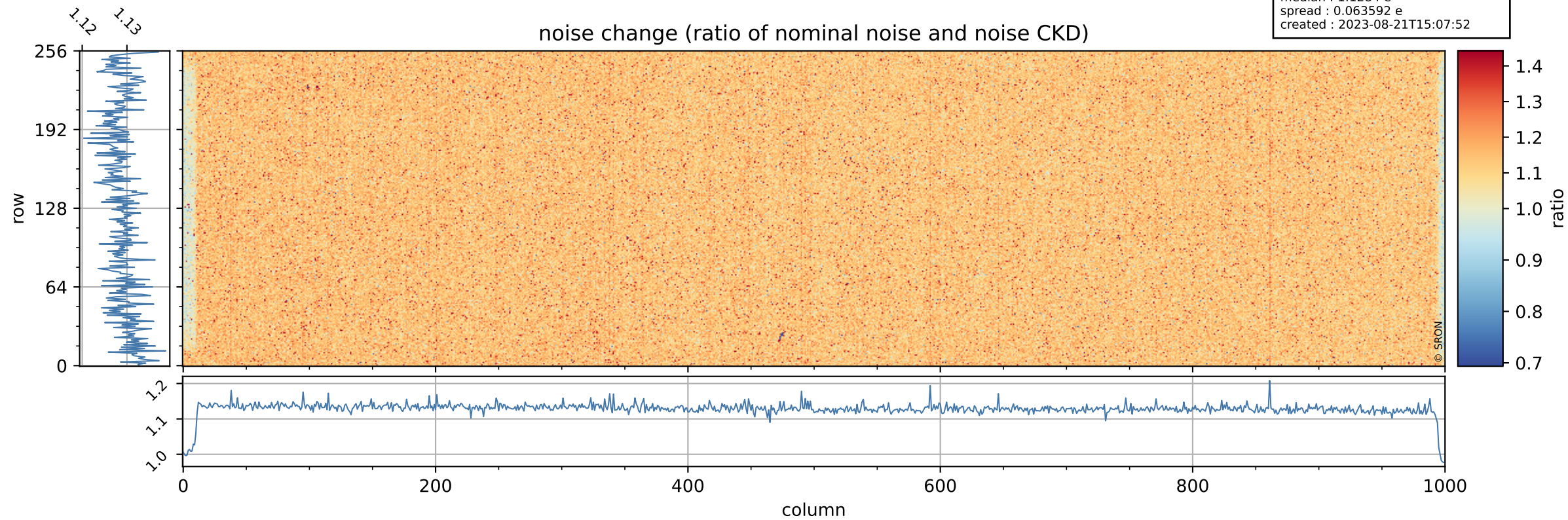
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9832, 9907]
coverage : 2019-09-05 / 2019-09-11
median : 1.002 e
spread : 0.0085392 e
created : 2023-08-21T15:07:51



Tropomi SWIR background noise (swir)

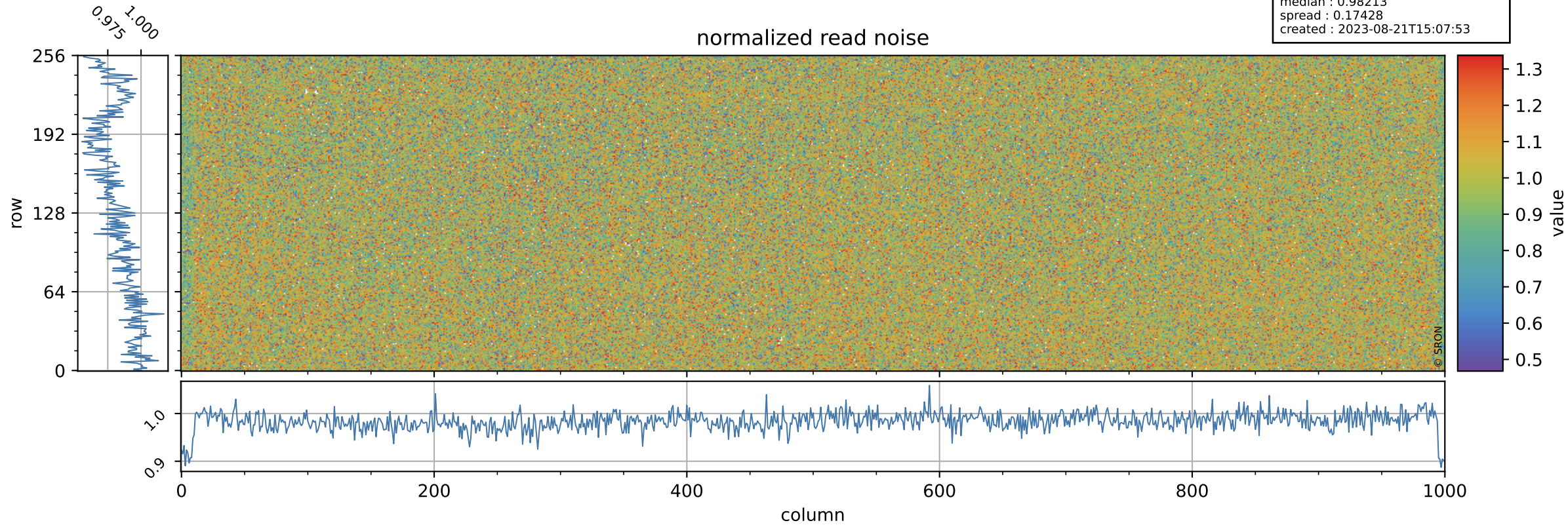
orbits : 12 in [9832, 9907]
coverage : 2019-09-05 / 2019-09-11
median : 1.1284 e
spread : 0.063592 e
created : 2023-08-21T15:07:52



Tropomi SWIR background noise (swir)

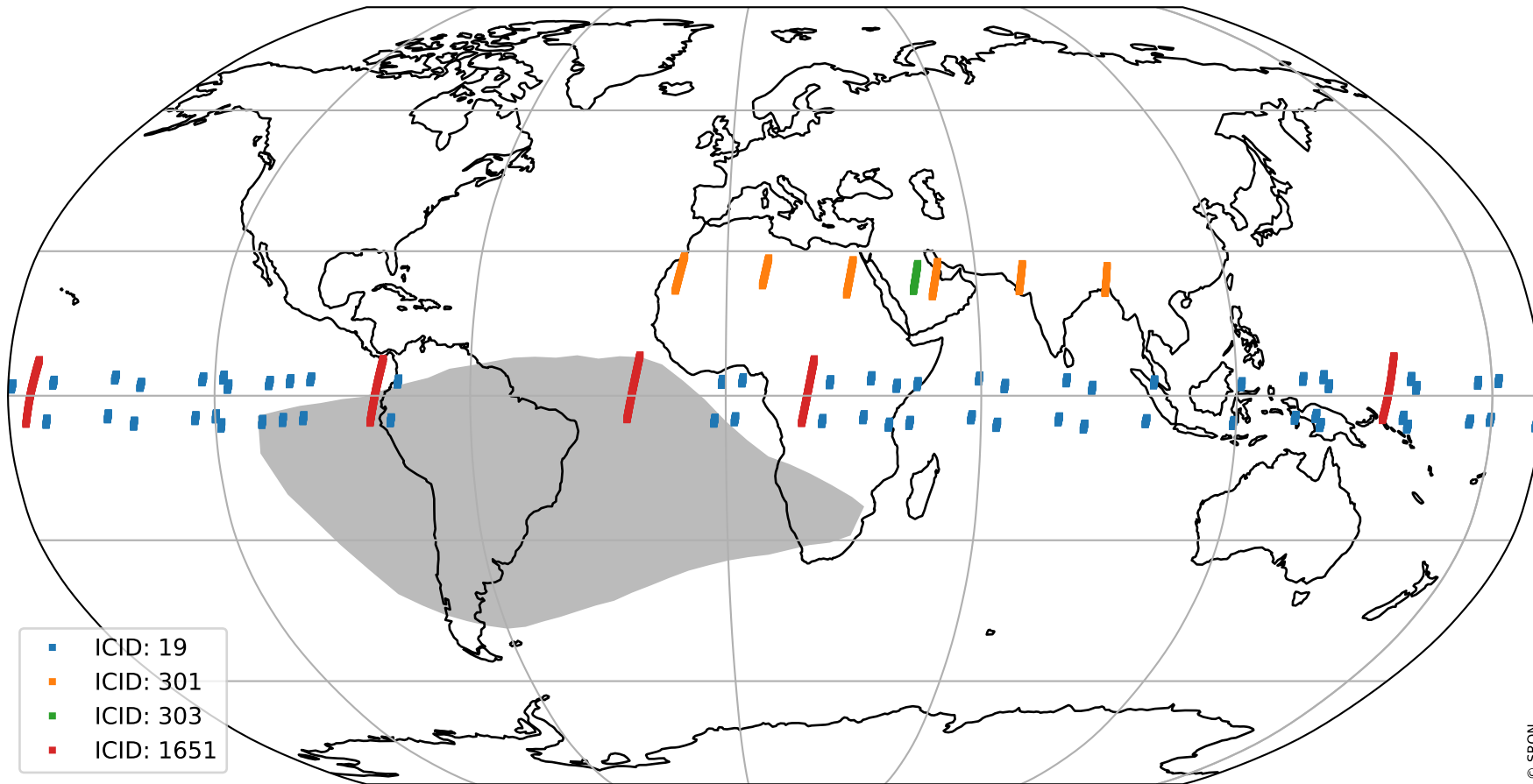
orbits : 12 in [9832, 9907]
coverage : 2019-09-05 / 2019-09-11
median : 0.98213
spread : 0.17428
created : 2023-08-21T15:07:53

normalized read noise



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

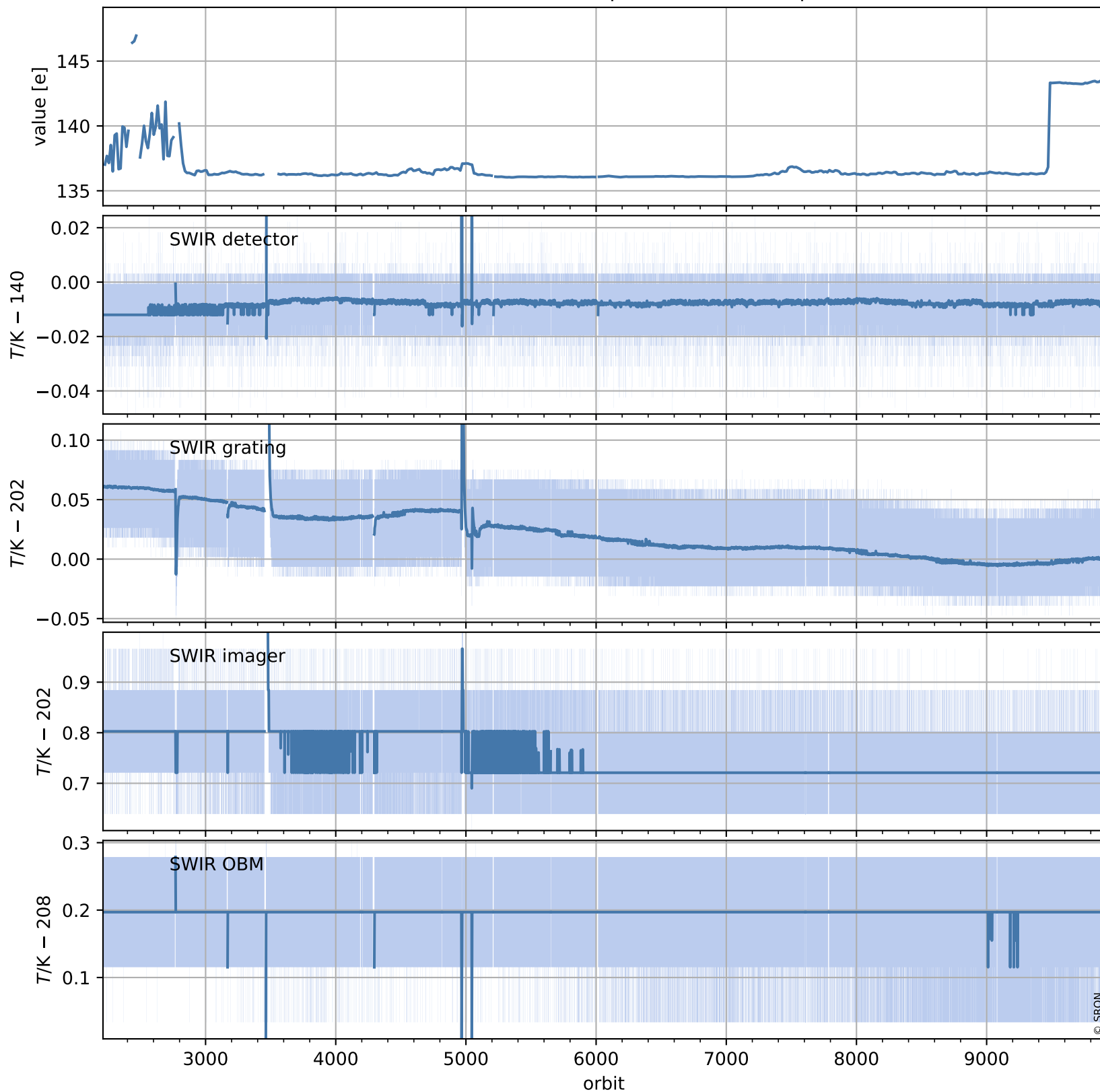
orbits : 12 in [9832, 9907]
coverage : 2019-09-05 / 2019-09-11
created : 2023-08-21T15:07:53



Tropomi SWIR background noise (swir)

orbits : [2212, 9907]
coverage : 2018-03-18 / 2019-09-11
created : 2023-08-21T15:07:53

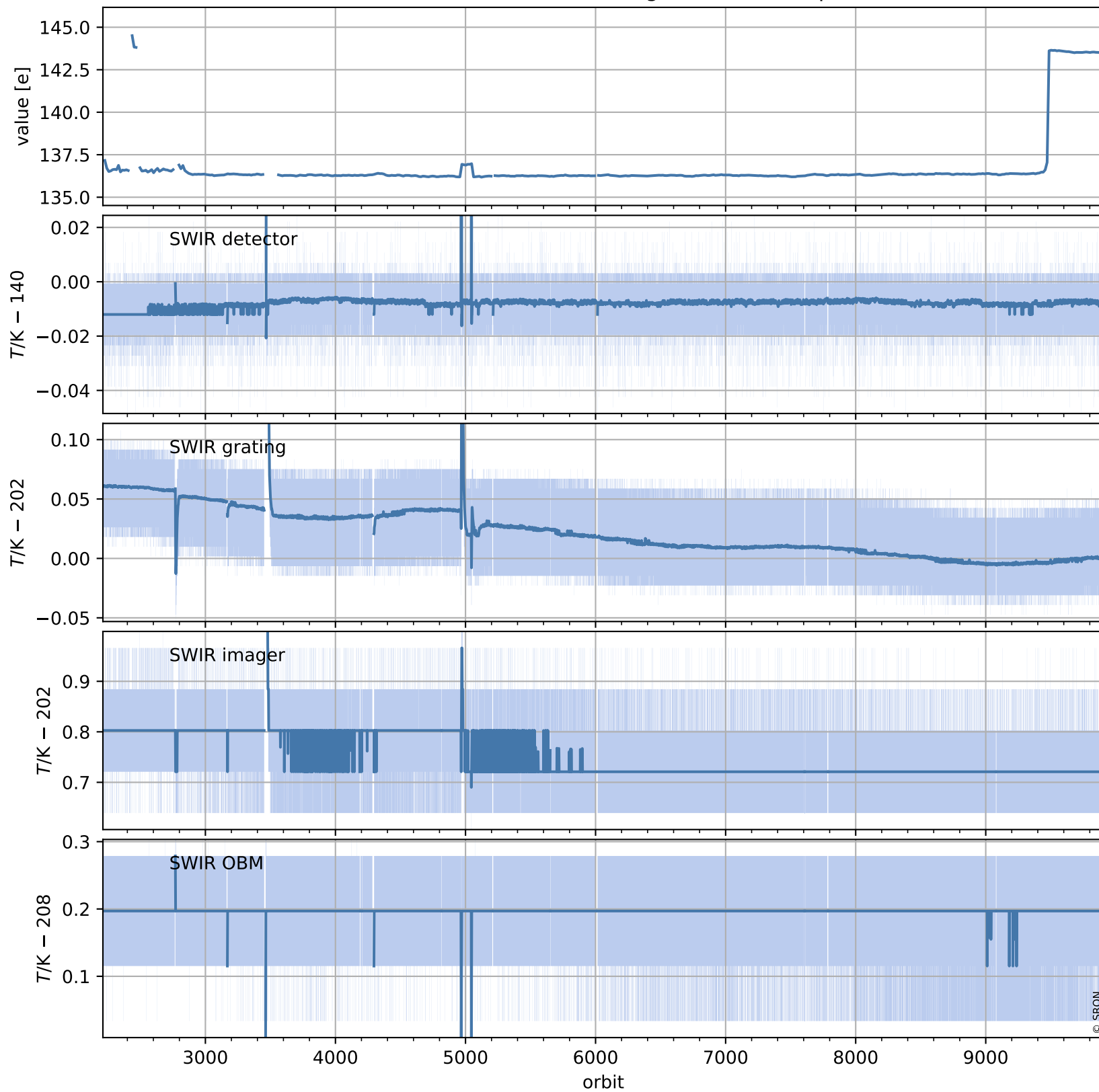
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9907]
coverage : 2018-03-18 / 2019-09-11
created : 2023-08-21T15:07:54

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9907]
coverage : 2018-03-18 / 2019-09-11
created : 2023-08-21T15:07:55

trend of normalized read-noise & temperatures

