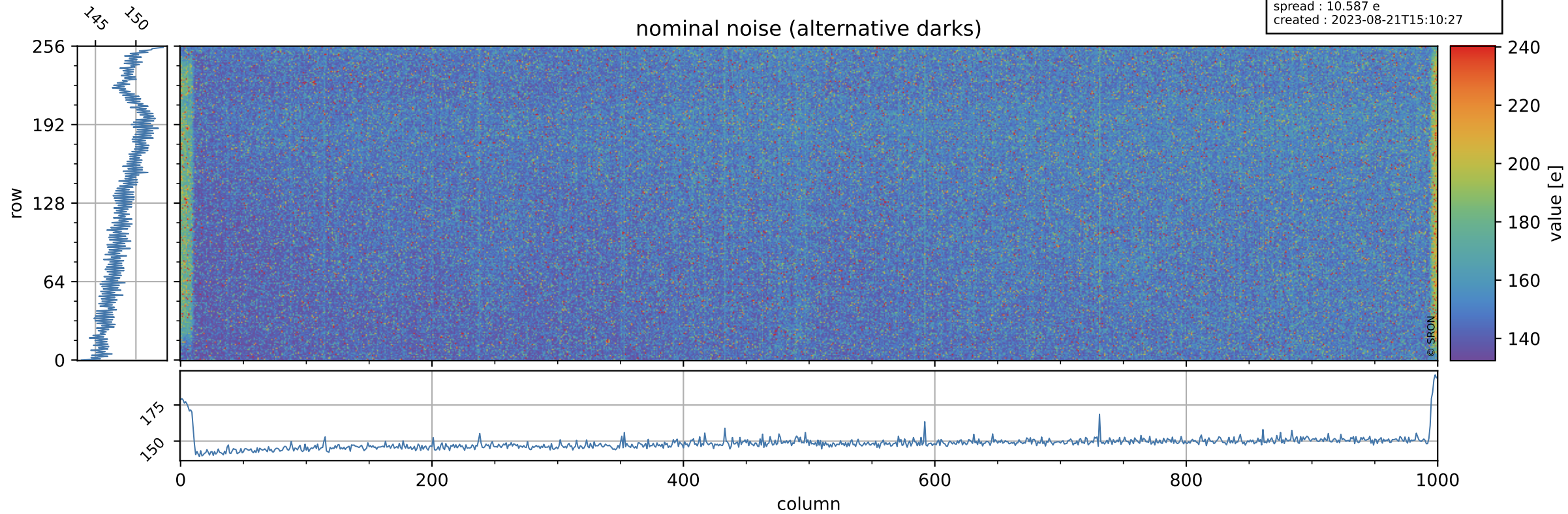


Tropomi SWIR background noise (swir)

orbits : 12 in [10147, 10237]
coverage : 2019-09-29 / 2019-10-05
n_coad, t_exp : 1, 1.0783
median : 148.46 e
spread : 10.587 e
created : 2023-08-21T15:10:27

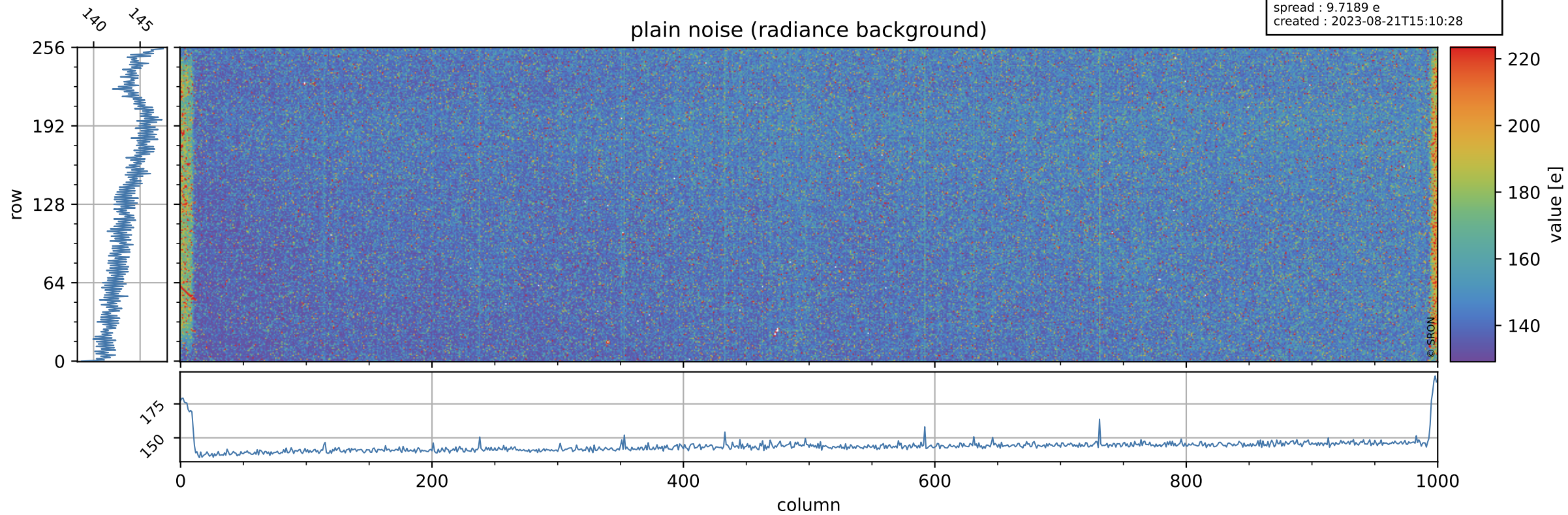
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10147, 10237]
coverage : 2019-09-29 / 2019-10-05
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.7189 e
created : 2023-08-21T15:10:28

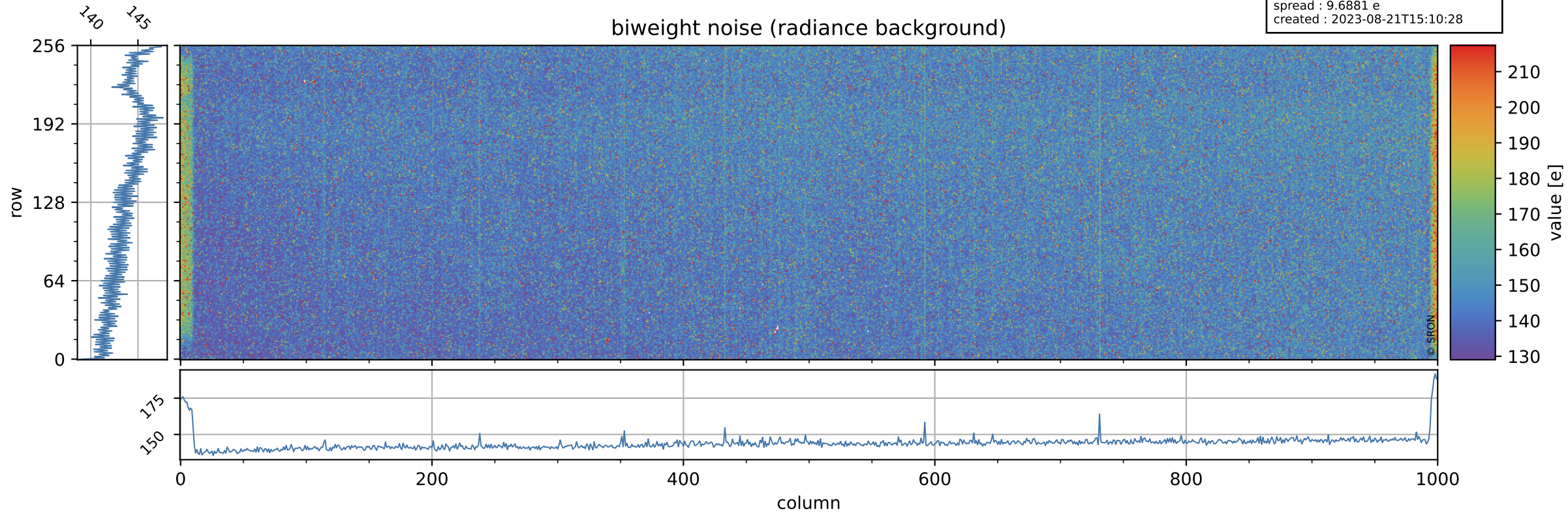
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10147, 10237]
coverage : 2019-09-29 / 2019-10-05
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.6881 e
created : 2023-08-21T15:10:28

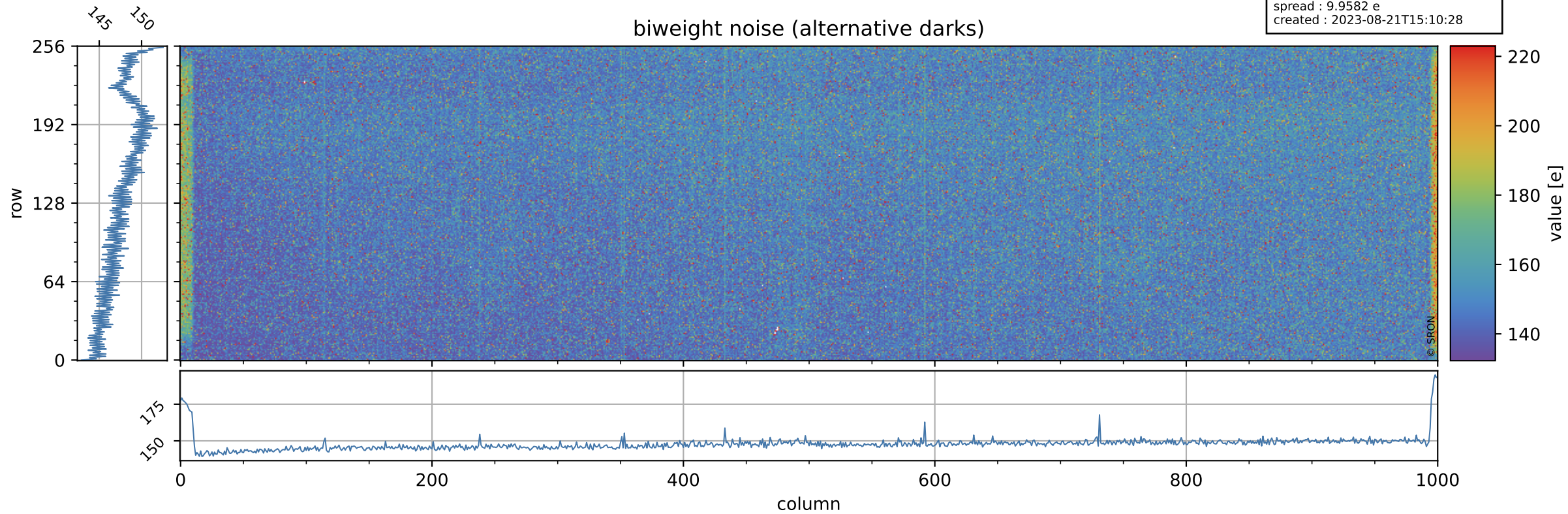
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10147, 10237]
coverage : 2019-09-29 / 2019-10-05
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.9582 e
created : 2023-08-21T15:10:28

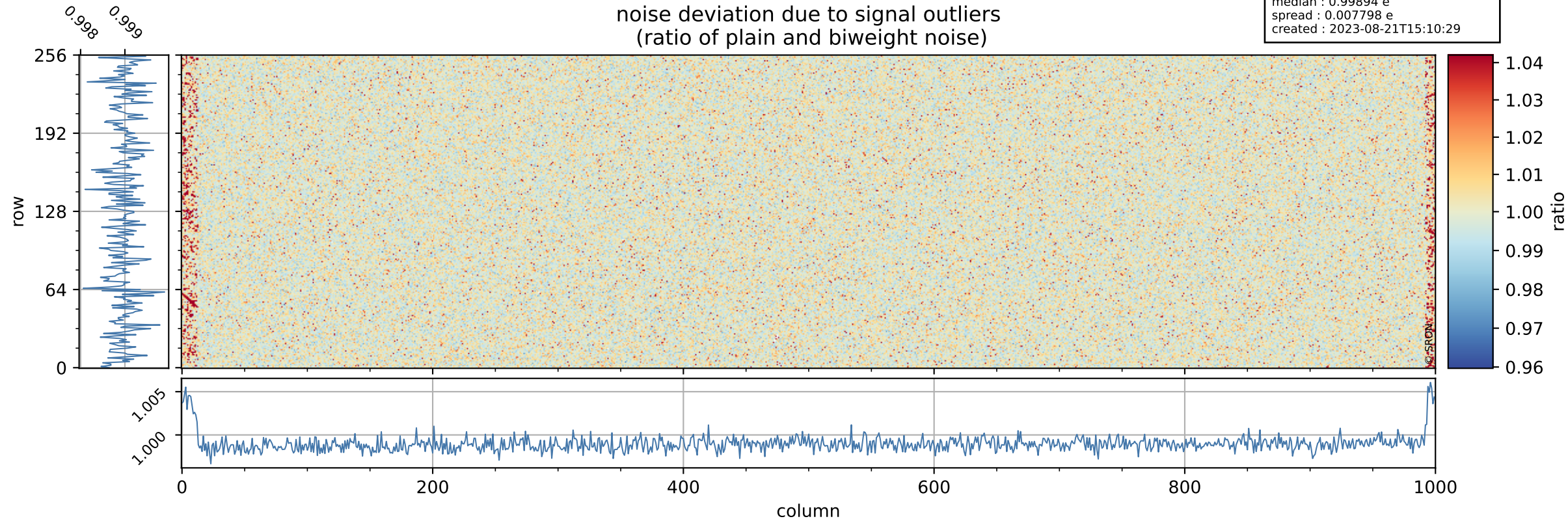
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

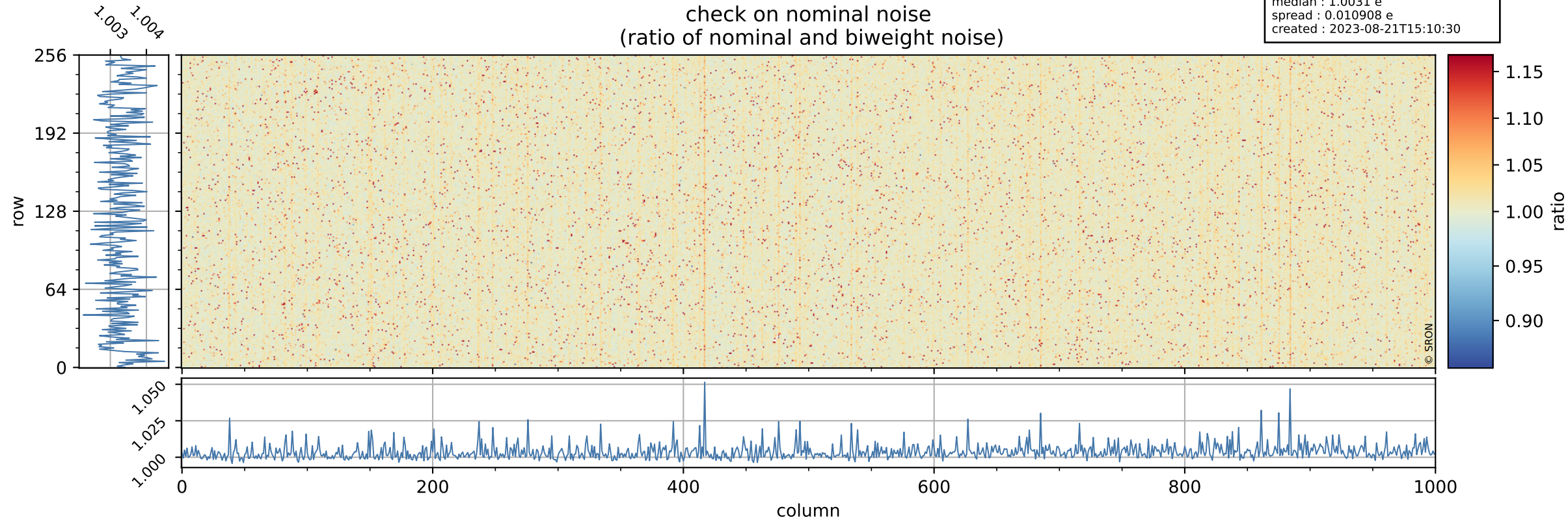
orbits : 12 in [10147, 10237]
coverage : 2019-09-29 / 2019-10-05
median : 0.99894 e
spread : 0.007798 e
created : 2023-08-21T15:10:29



Tropomi SWIR background noise (swir)

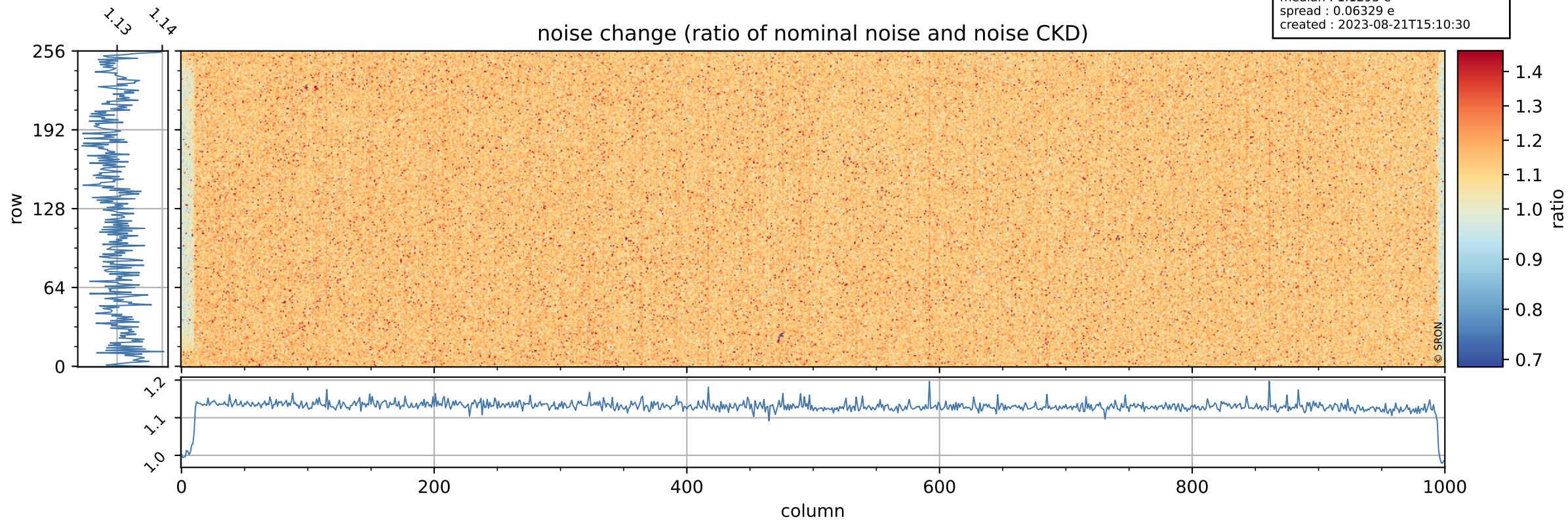
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10147, 10237]
coverage : 2019-09-29 / 2019-10-05
median : 1.0031 e
spread : 0.010908 e
created : 2023-08-21T15:10:30



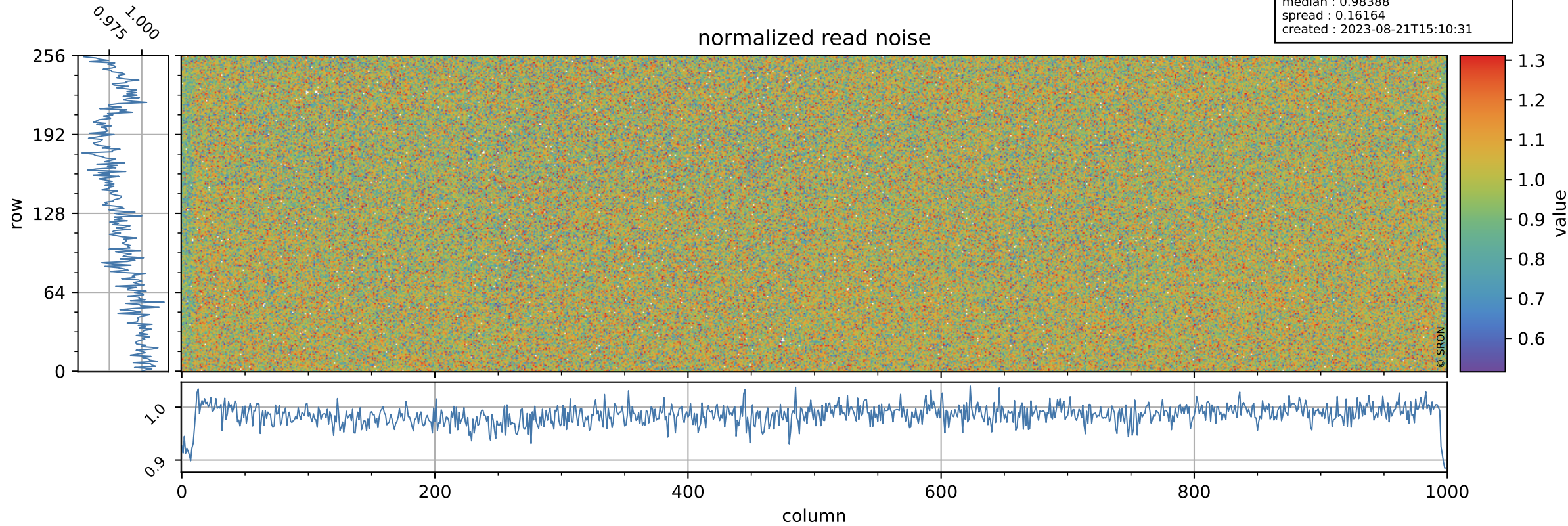
Tropomi SWIR background noise (swir)

orbits : 12 in [10147, 10237]
coverage : 2019-09-29 / 2019-10-05
median : 1.1293 e
spread : 0.06329 e
created : 2023-08-21T15:10:30



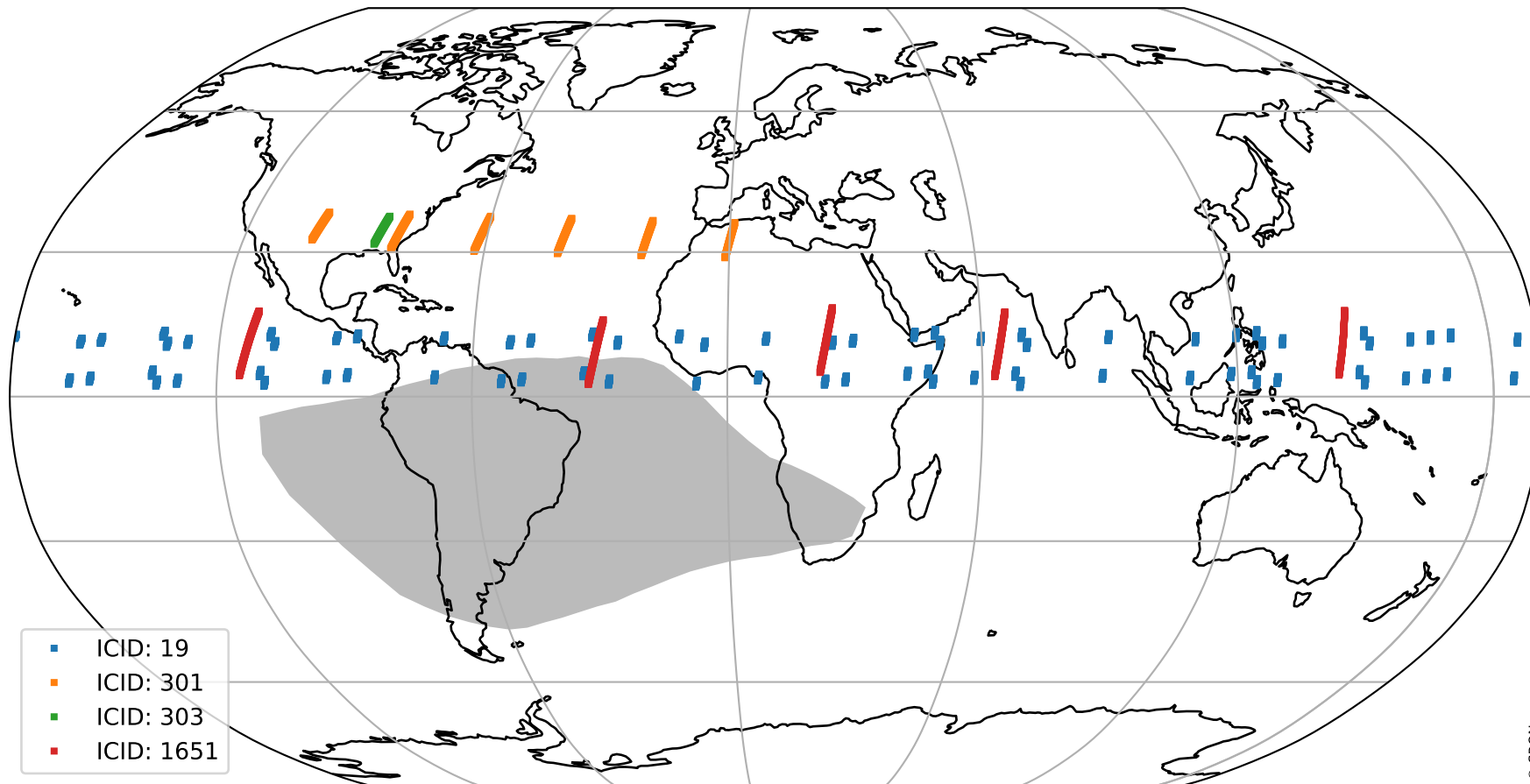
Tropomi SWIR background noise (swir)

orbits : 12 in [10147, 10237]
coverage : 2019-09-29 / 2019-10-05
median : 0.98388
spread : 0.16164
created : 2023-08-21T15:10:31



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

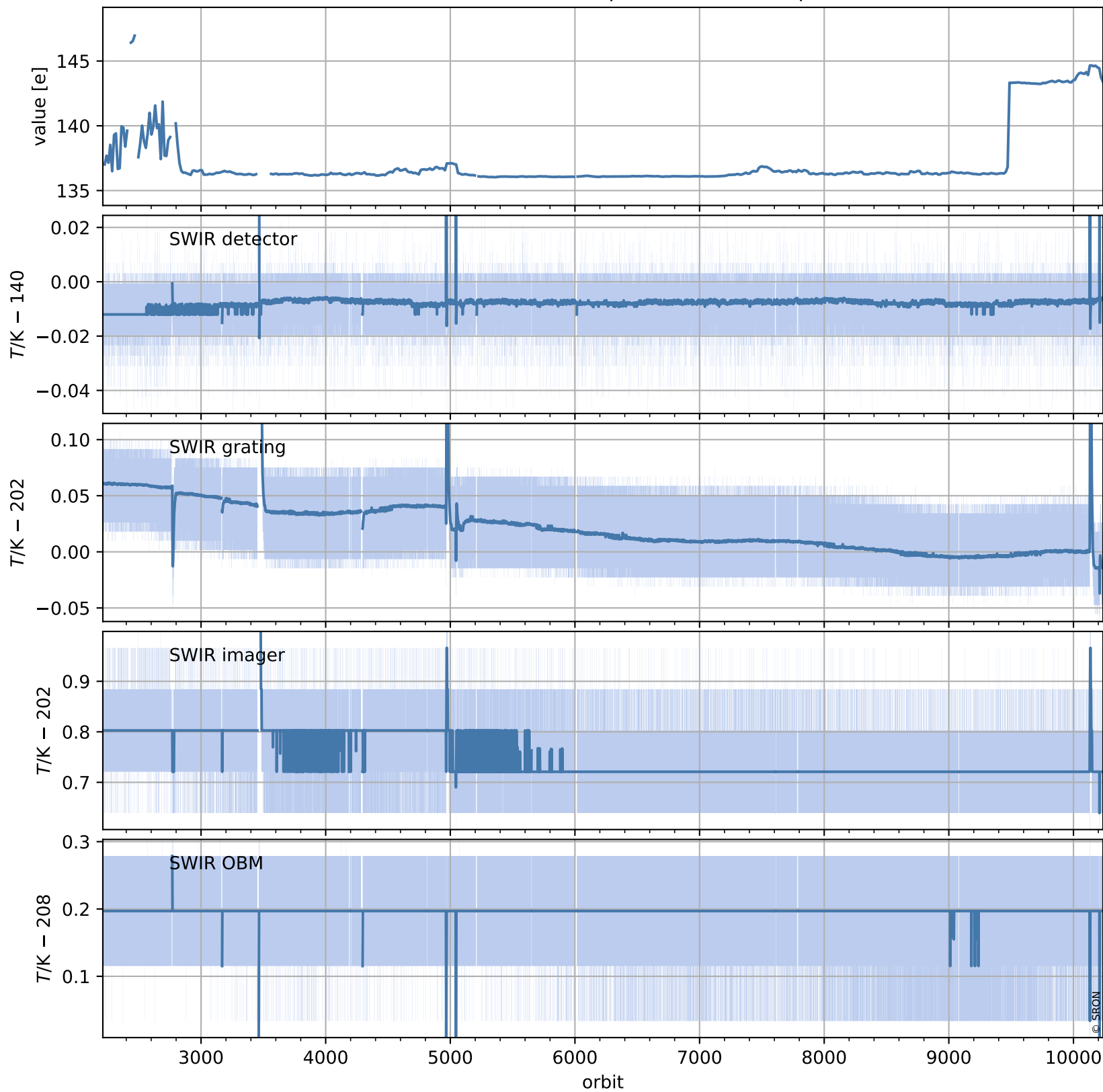
orbits : 12 in [10147, 10237]
coverage : 2019-09-29 / 2019-10-05
created : 2023-08-21T15:10:31



Tropomi SWIR background noise (swir)

orbits : [2212, 10237]
coverage : 2018-03-18 / 2019-10-05
created : 2023-08-21T15:10:32

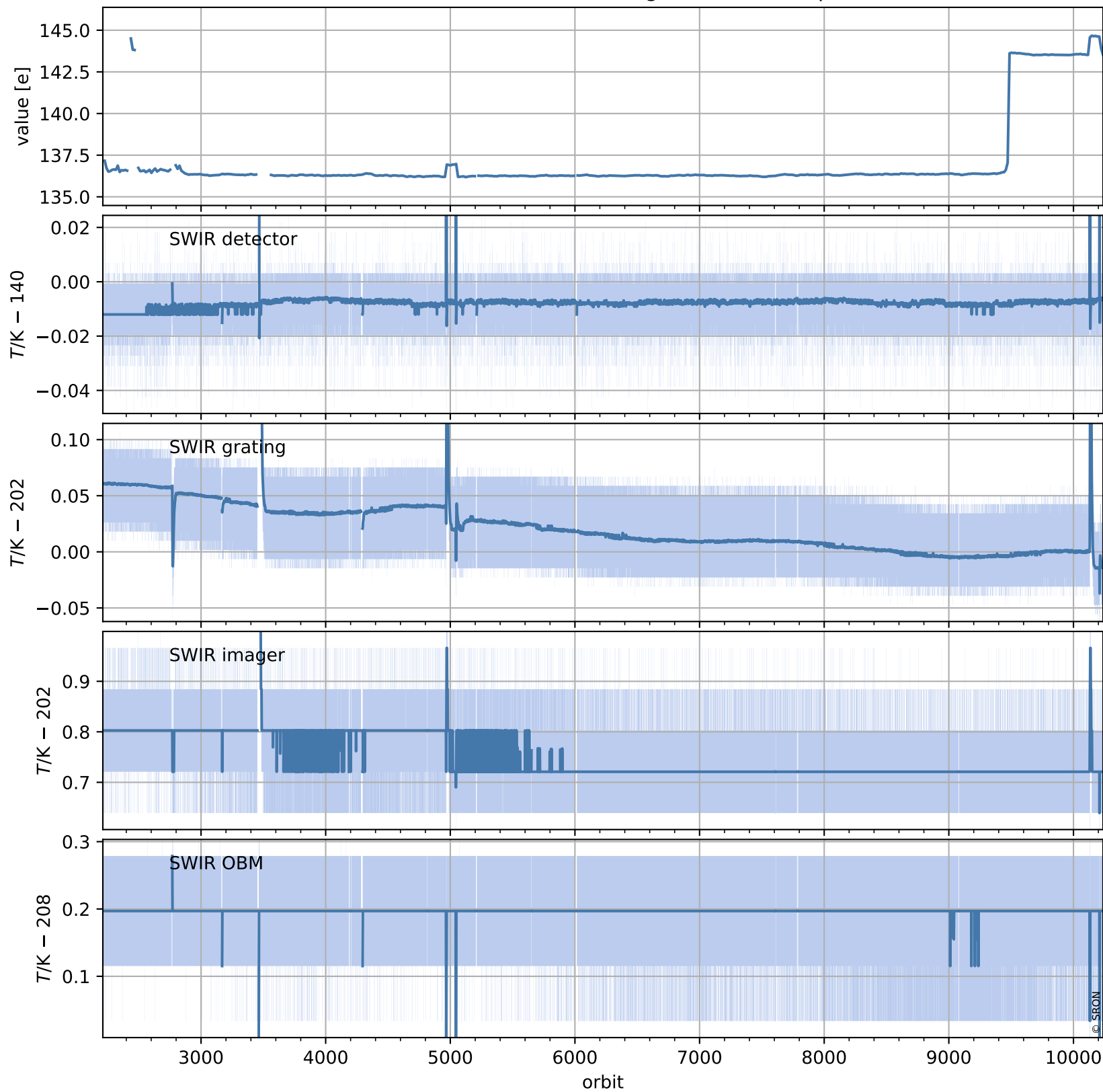
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10237]
coverage : 2018-03-18 / 2019-10-05
created : 2023-08-21T15:10:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10237]
coverage : 2018-03-18 / 2019-10-05
created : 2023-08-21T15:10:33

trend of normalized read-noise & temperatures

