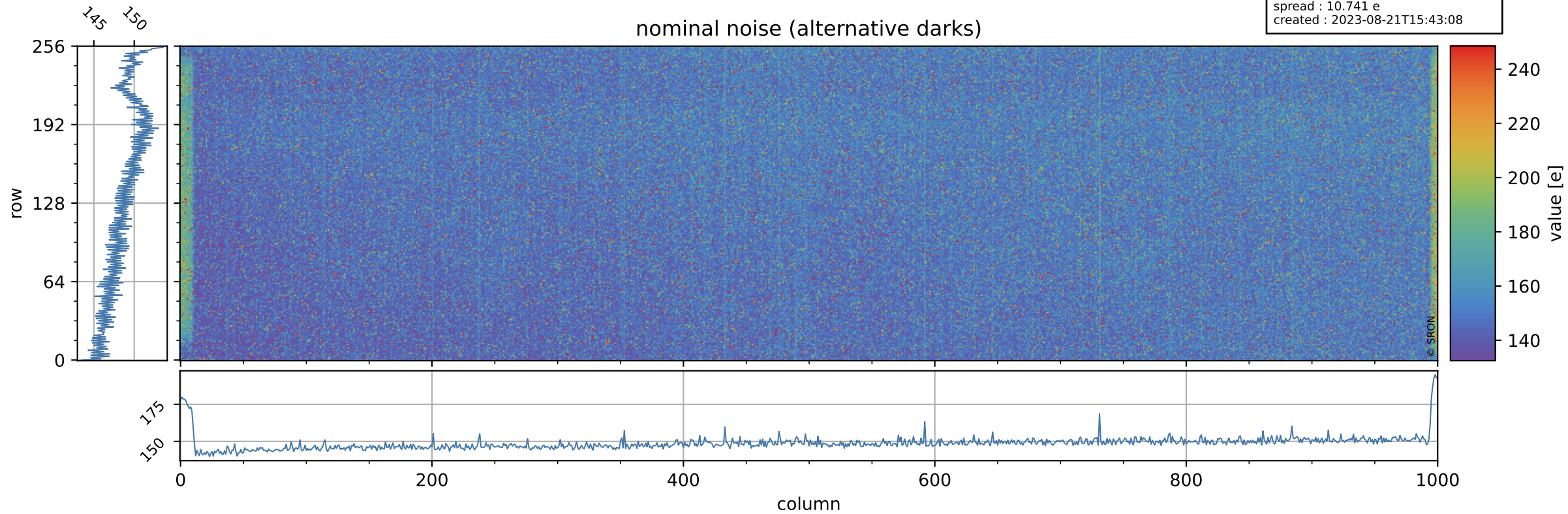


Tropomi SWIR background noise (swir)

orbits : 12 in [15547, 15637]
coverage : 2020-10-13 / 2020-10-19
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.741 e
created : 2023-08-21T15:43:08

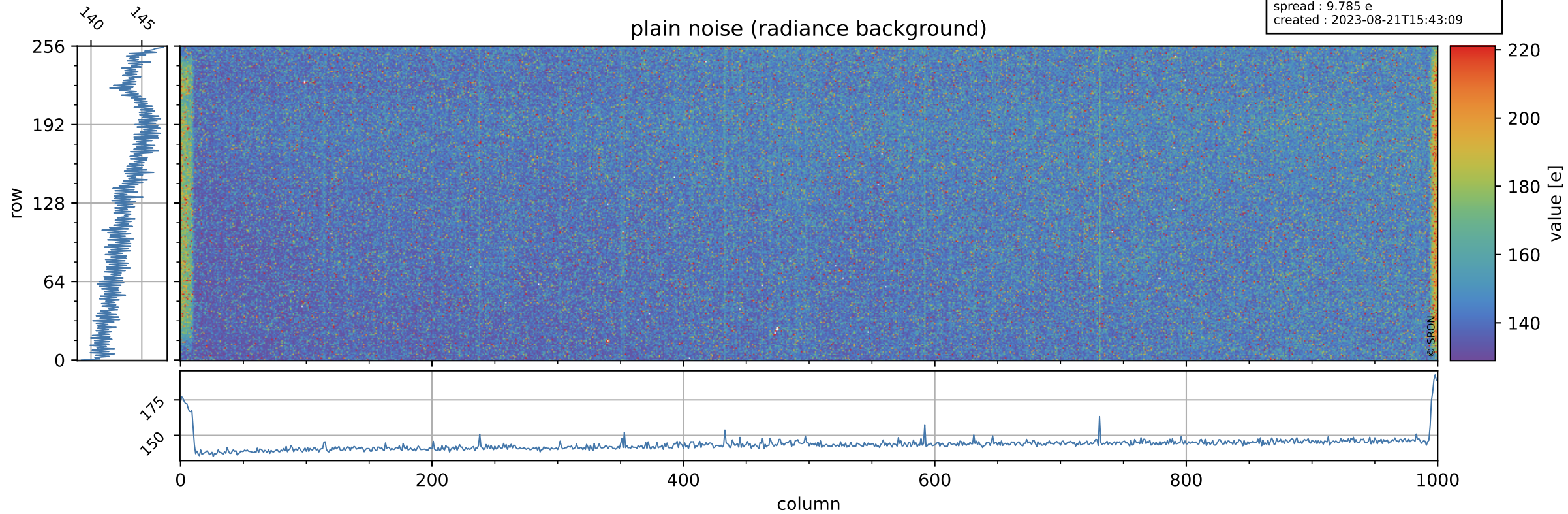
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15547, 15637]
coverage : 2020-10-13 / 2020-10-19
n_coad, t_exp : 1, 0.8383
median : 143.4 e
spread : 9.785 e
created : 2023-08-21T15:43:09

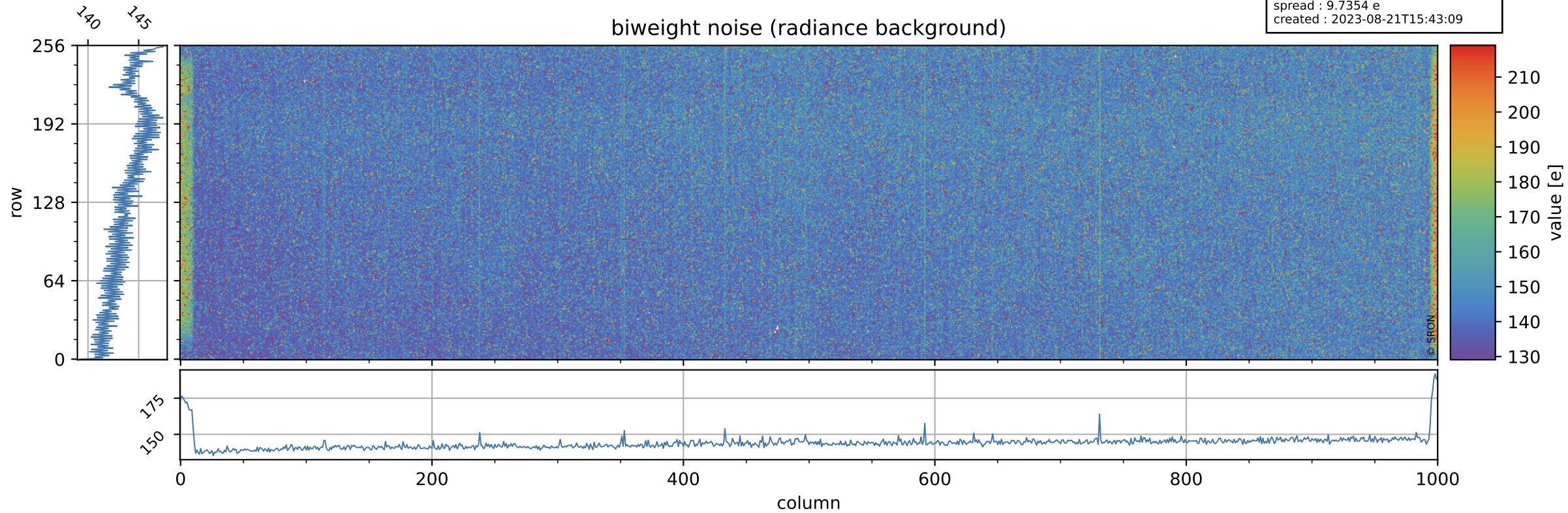
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15547, 15637]
coverage : 2020-10-13 / 2020-10-19
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.7354 e
created : 2023-08-21T15:43:09

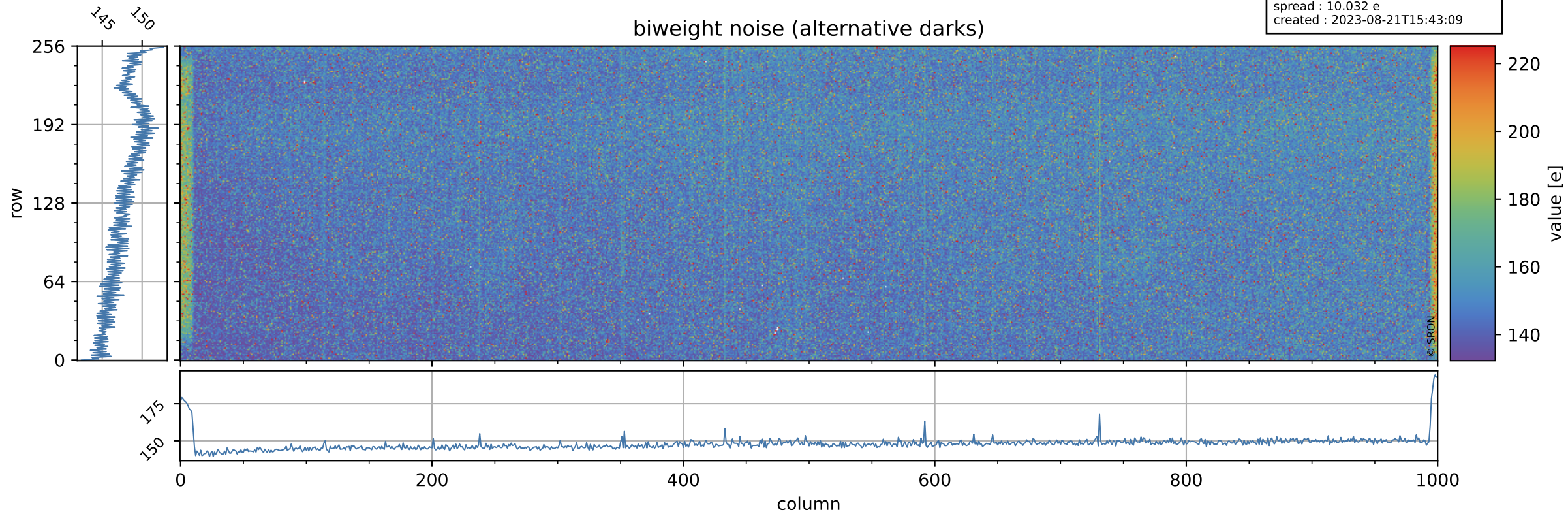
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15547, 15637]
coverage : 2020-10-13 / 2020-10-19
n_coad, t_exp : 1, 1.0783
median : 147.69 e
spread : 10.032 e
created : 2023-08-21T15:43:09

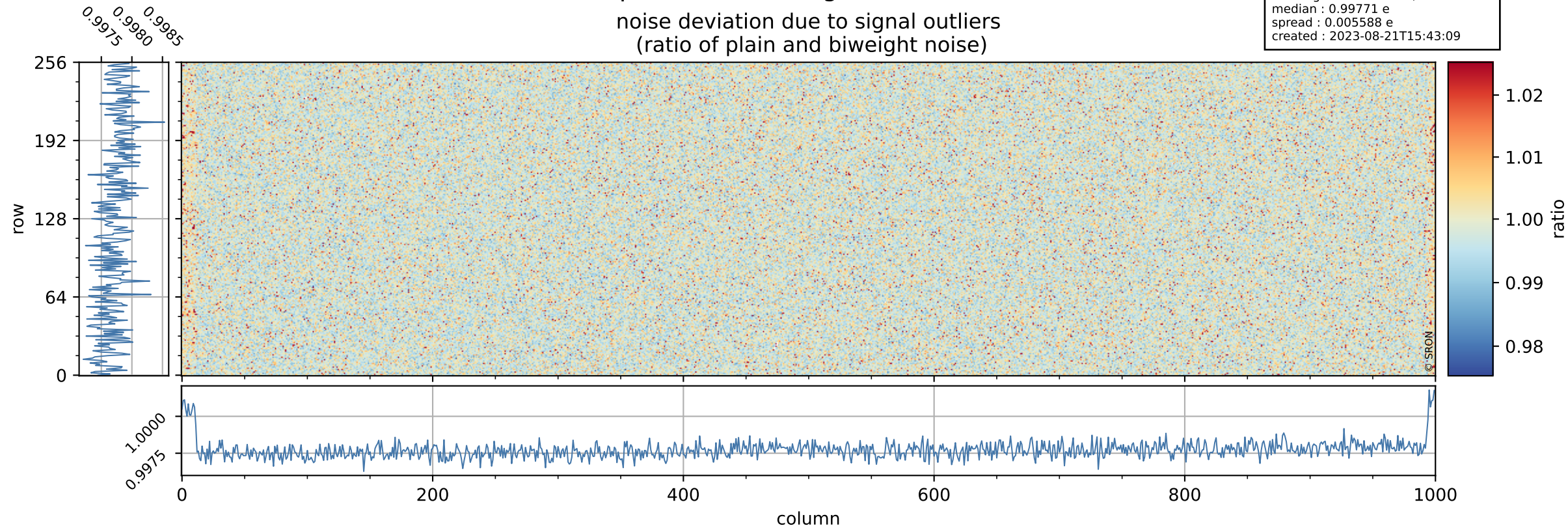
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

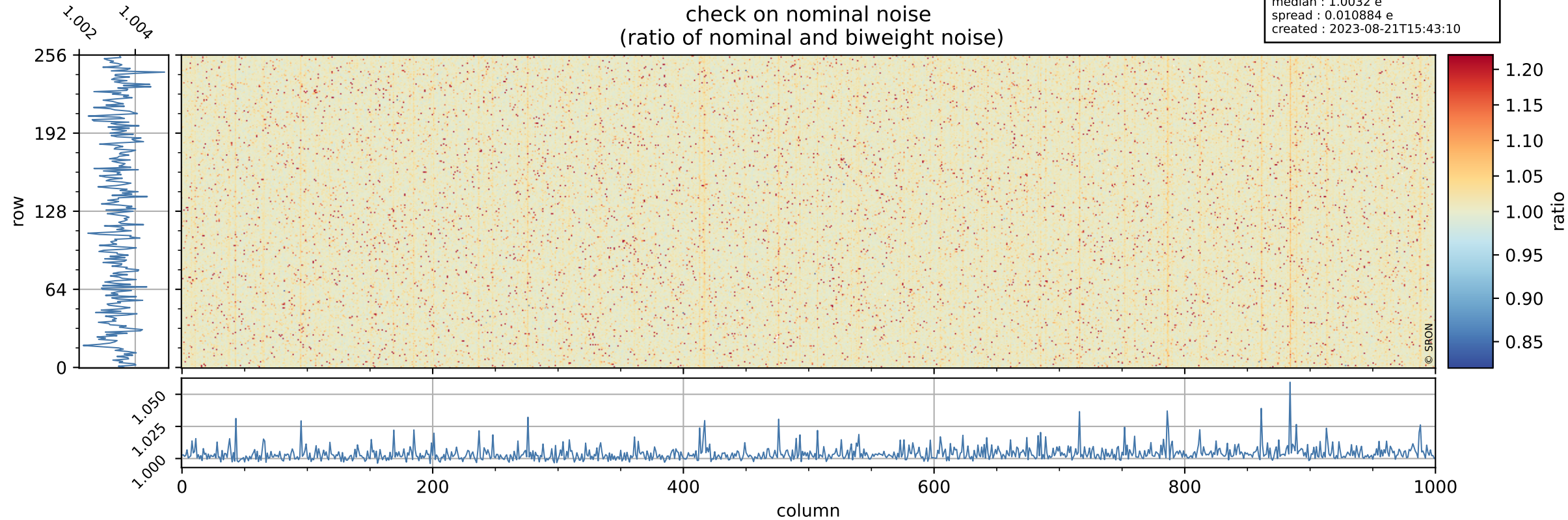
orbits : 12 in [15547, 15637]
coverage : 2020-10-13 / 2020-10-19
median : 0.99771 e
spread : 0.005588 e
created : 2023-08-21T15:43:09



Tropomi SWIR background noise (swir)

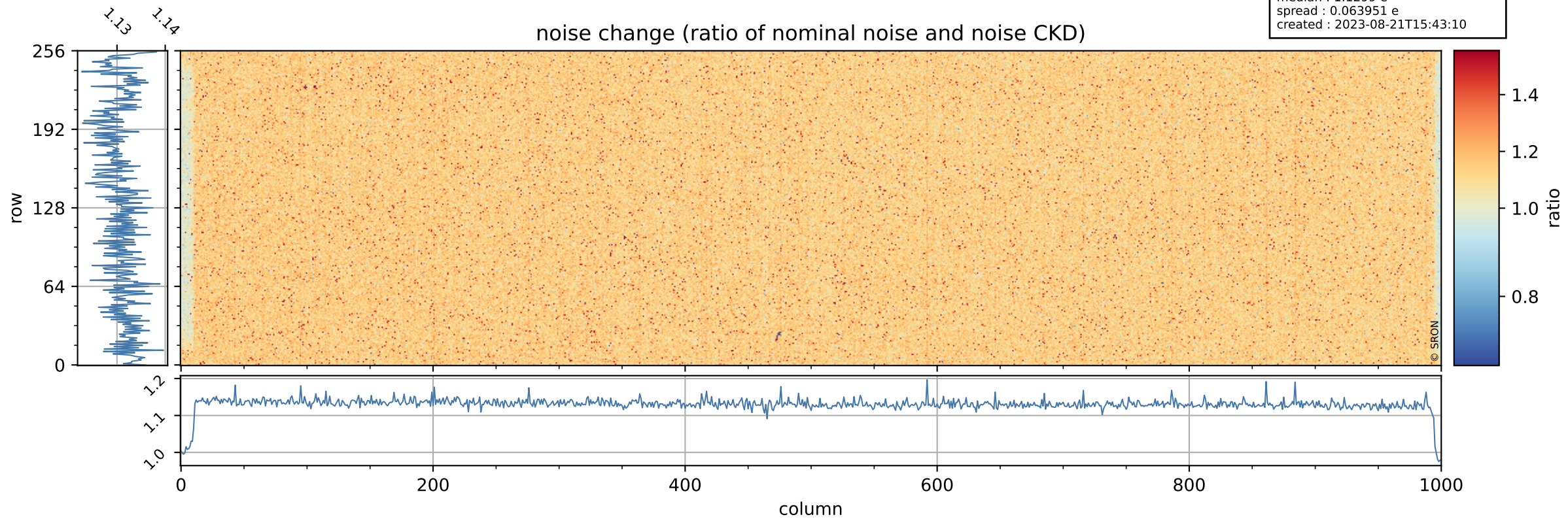
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15547, 15637]
coverage : 2020-10-13 / 2020-10-19
median : 1.0032 e
spread : 0.010884 e
created : 2023-08-21T15:43:10



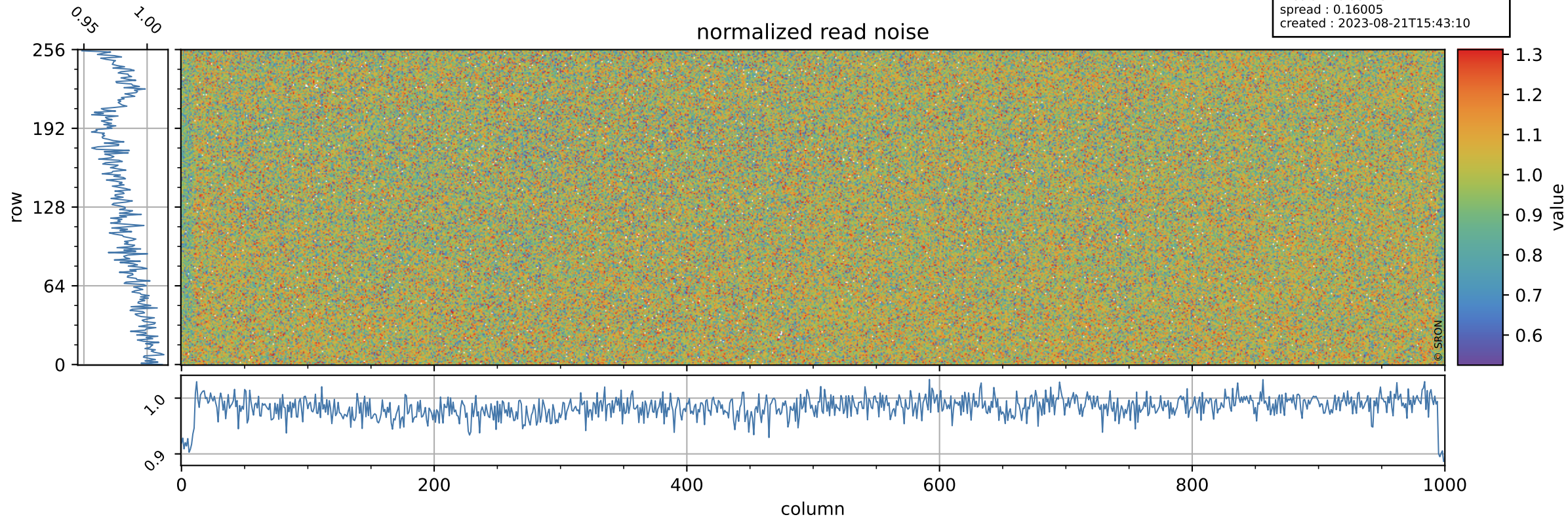
Tropomi SWIR background noise (swir)

orbits : 12 in [15547, 15637]
coverage : 2020-10-13 / 2020-10-19
median : 1.1299 e
spread : 0.063951 e
created : 2023-08-21T15:43:10



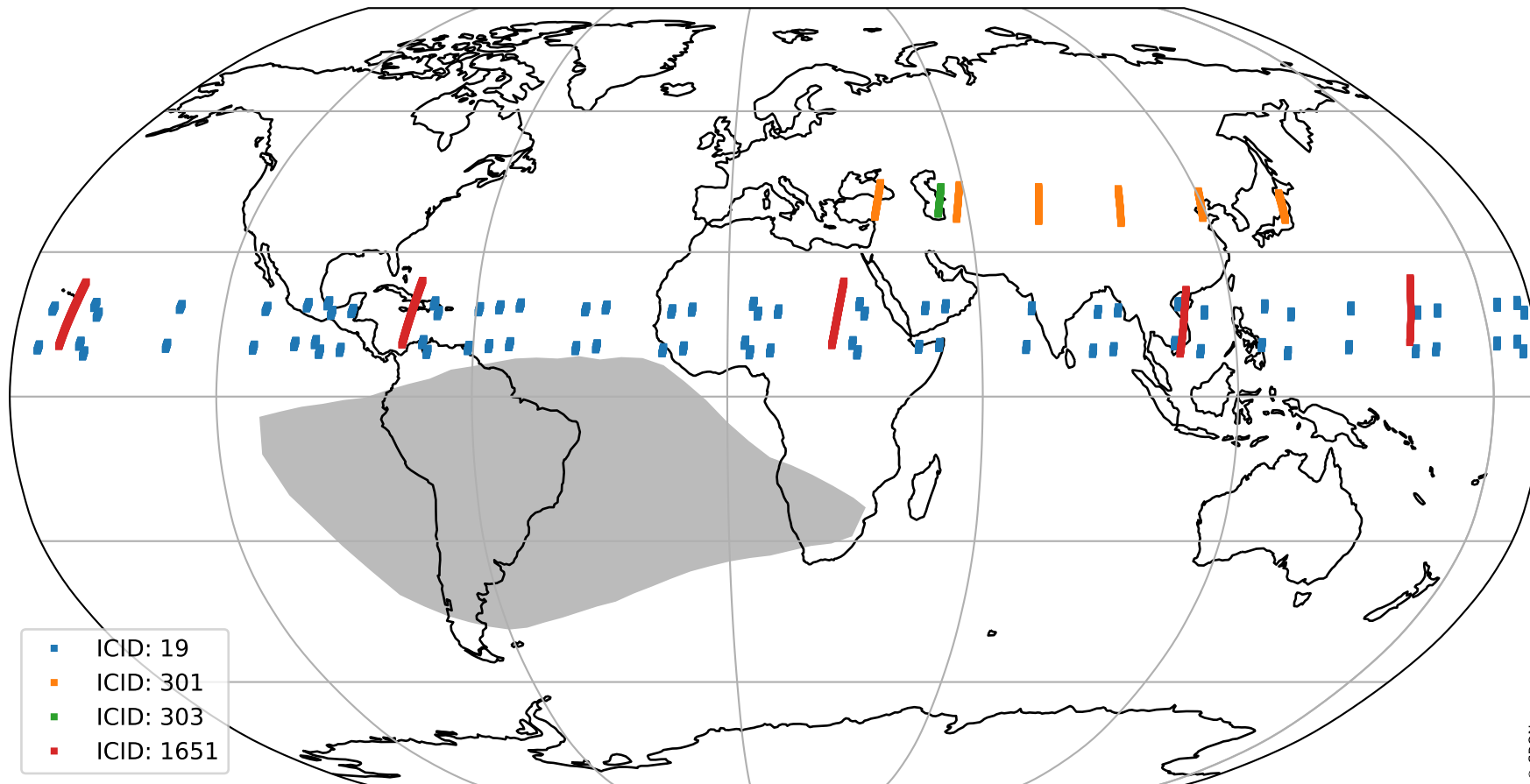
Tropomi SWIR background noise (swir)

orbits : 12 in [15547, 15637]
coverage : 2020-10-13 / 2020-10-19
median : 0.98215
spread : 0.16005
created : 2023-08-21T15:43:10



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

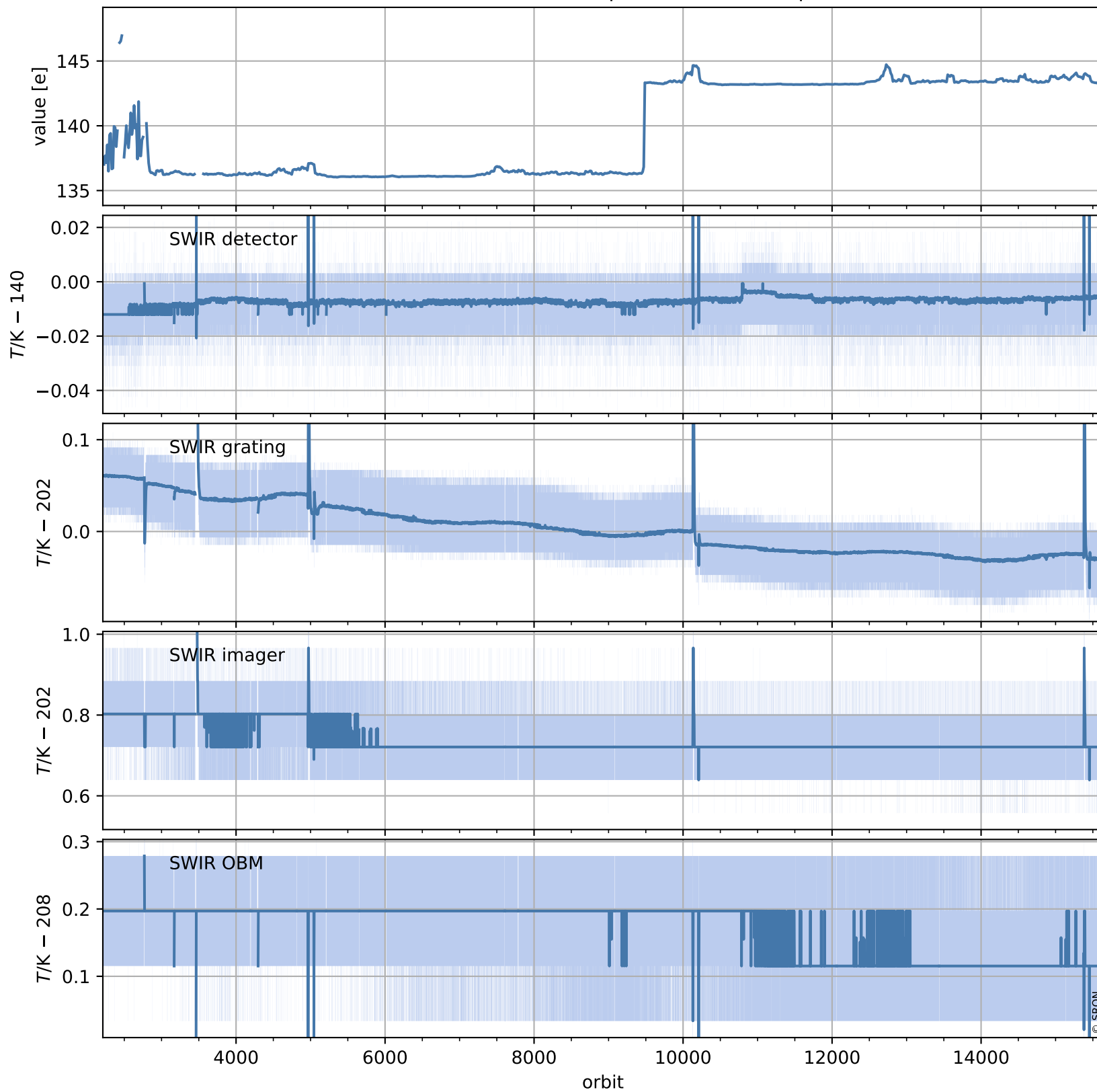
orbits : 12 in [15547, 15637]
coverage : 2020-10-13 / 2020-10-19
created : 2023-08-21T15:43:10



Tropomi SWIR background noise (swir)

orbits : [2212, 15637]
coverage : 2018-03-18 / 2020-10-19
created : 2023-08-21T15:43:11

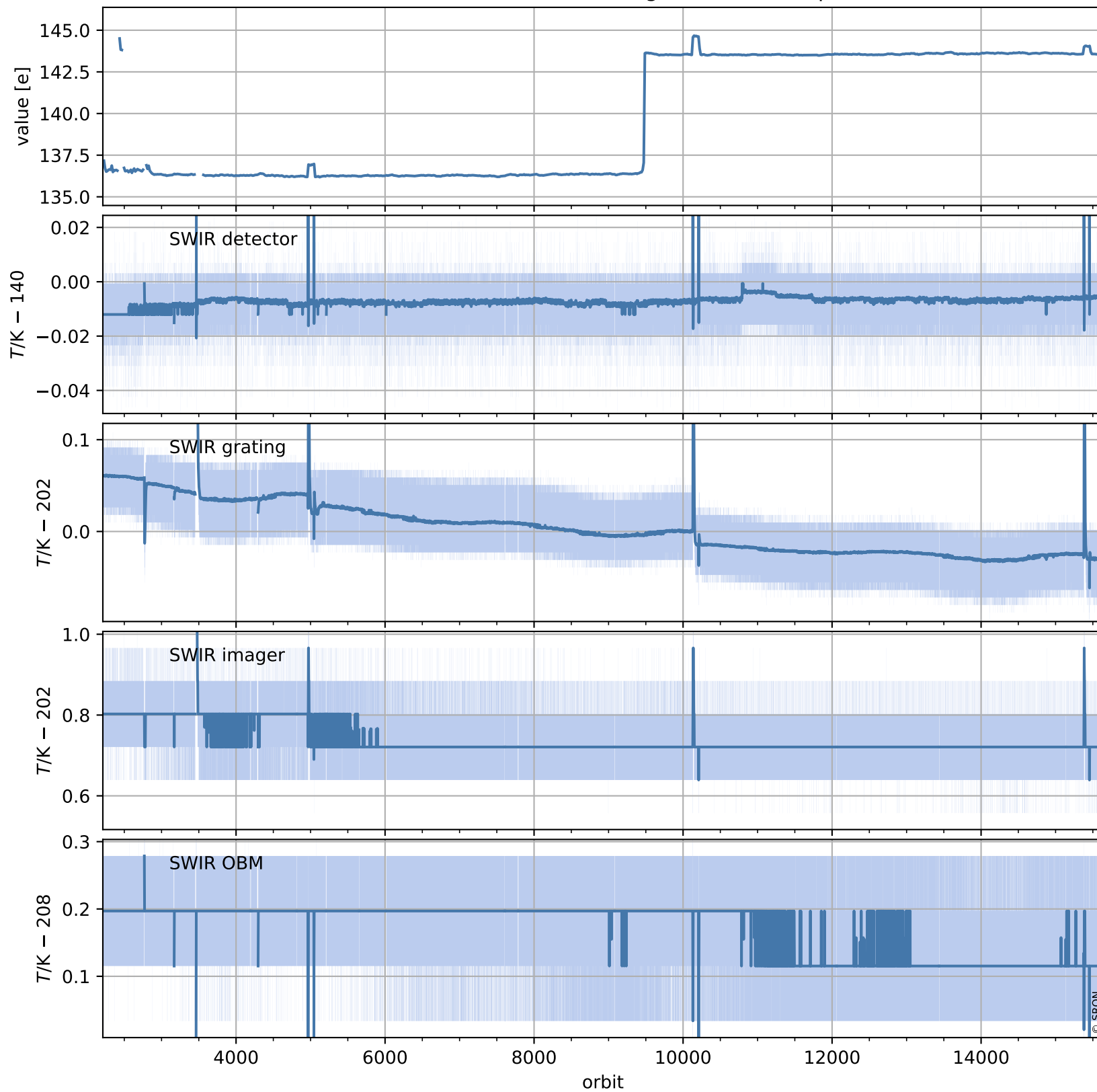
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15637]
coverage : 2018-03-18 / 2020-10-19
created : 2023-08-21T15:43:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15637]
coverage : 2018-03-18 / 2020-10-19
created : 2023-08-21T15:43:12

trend of normalized read-noise & temperatures

