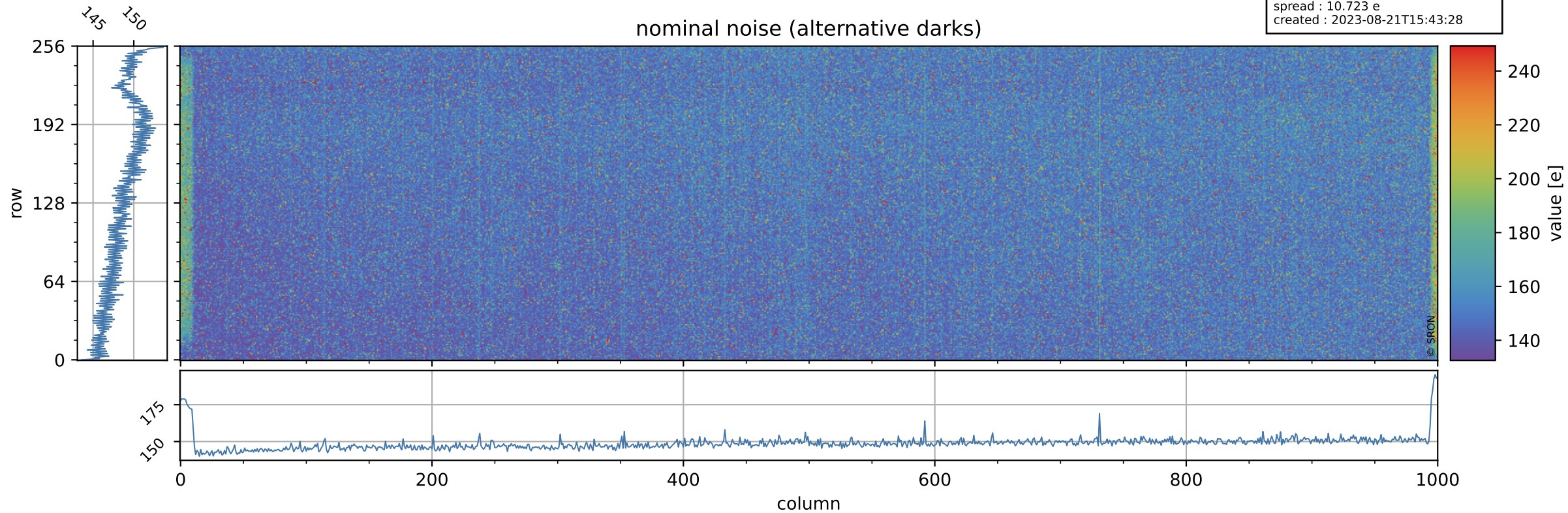


Tropomi SWIR background noise (swir)

orbits : 12 in [15607, 15697]
coverage : 2020-10-17 / 2020-10-23
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.723 e
created : 2023-08-21T15:43:28

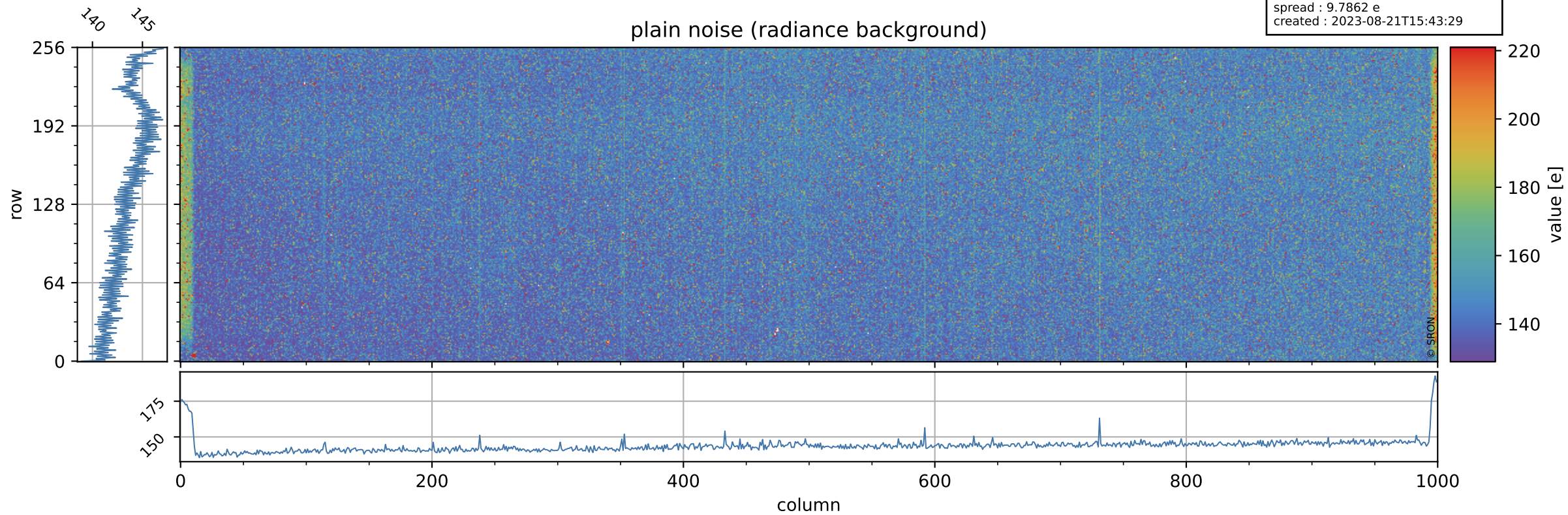
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15607, 15697]
coverage : 2020-10-17 / 2020-10-23
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7862 e
created : 2023-08-21T15:43:29

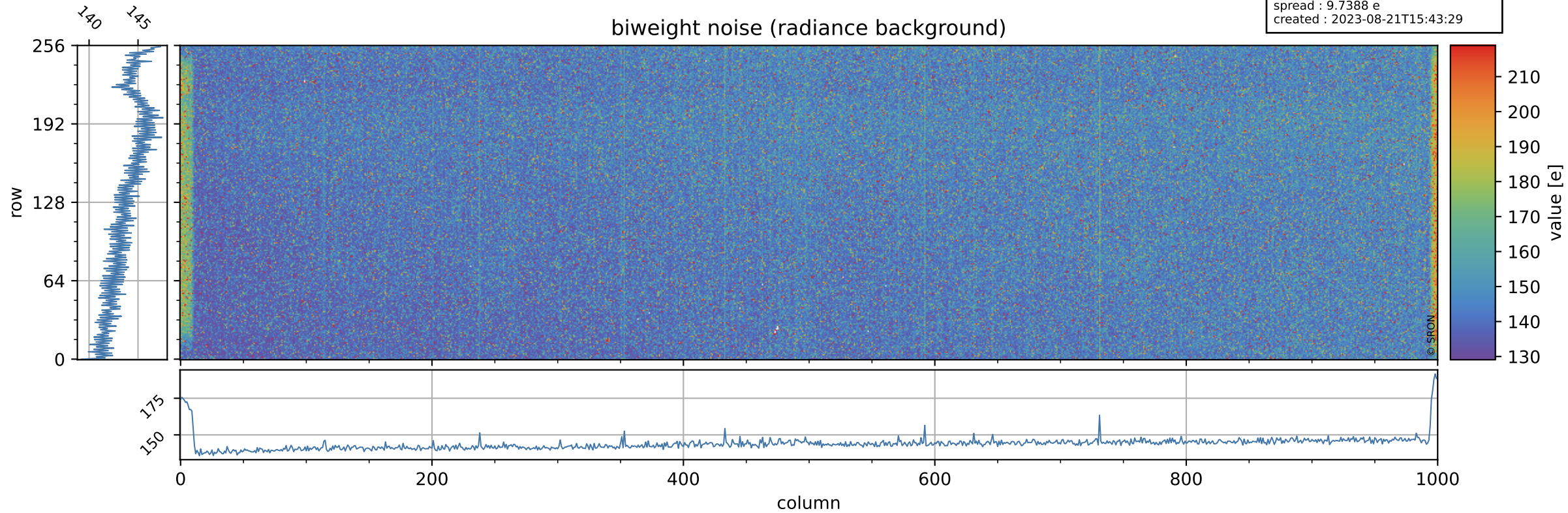
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15607, 15697]
coverage : 2020-10-17 / 2020-10-23
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.7388 e
created : 2023-08-21T15:43:29

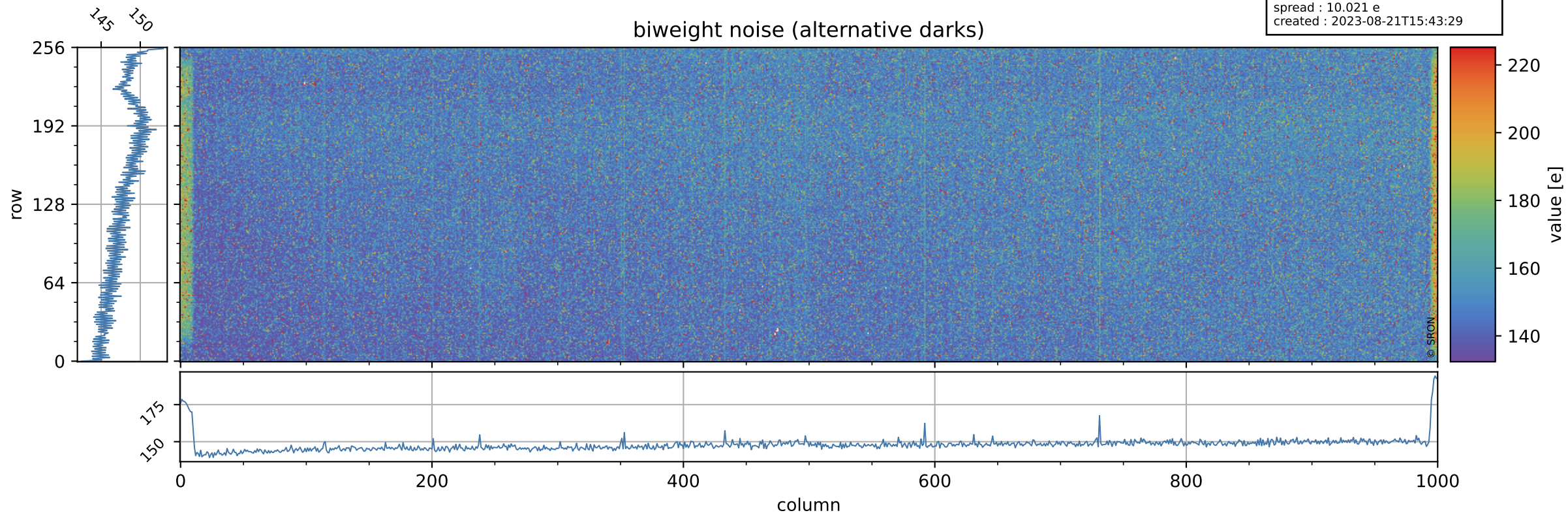
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15607, 15697]
coverage : 2020-10-17 / 2020-10-23
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.021 e
created : 2023-08-21T15:43:29

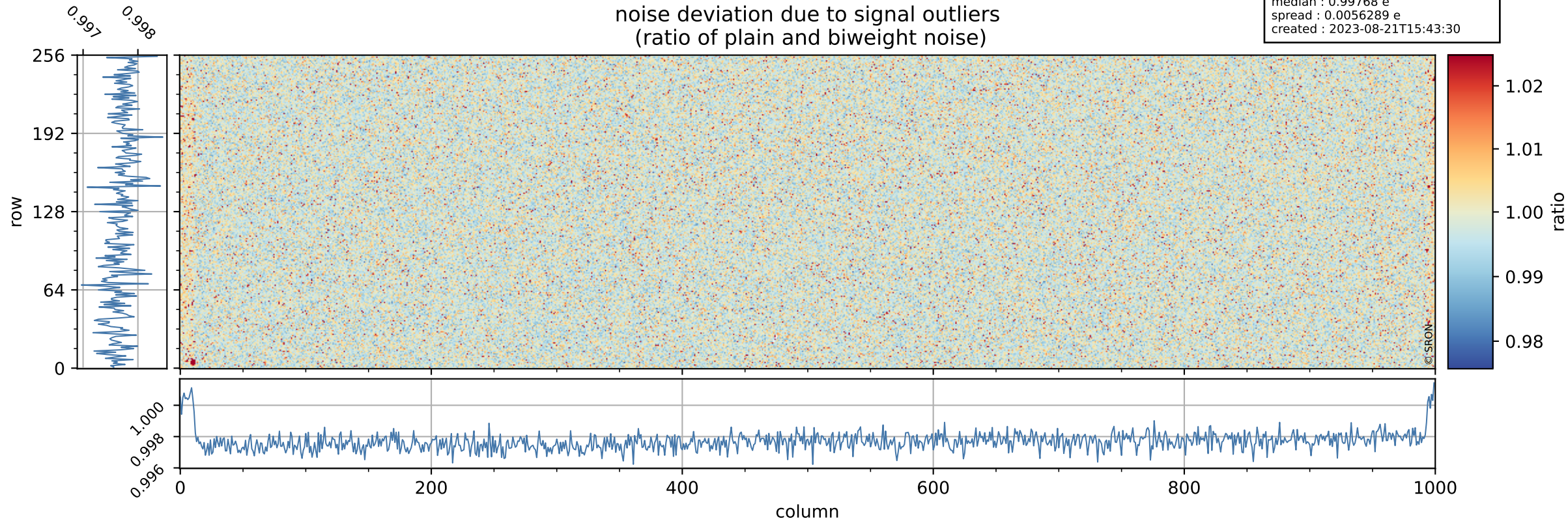
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

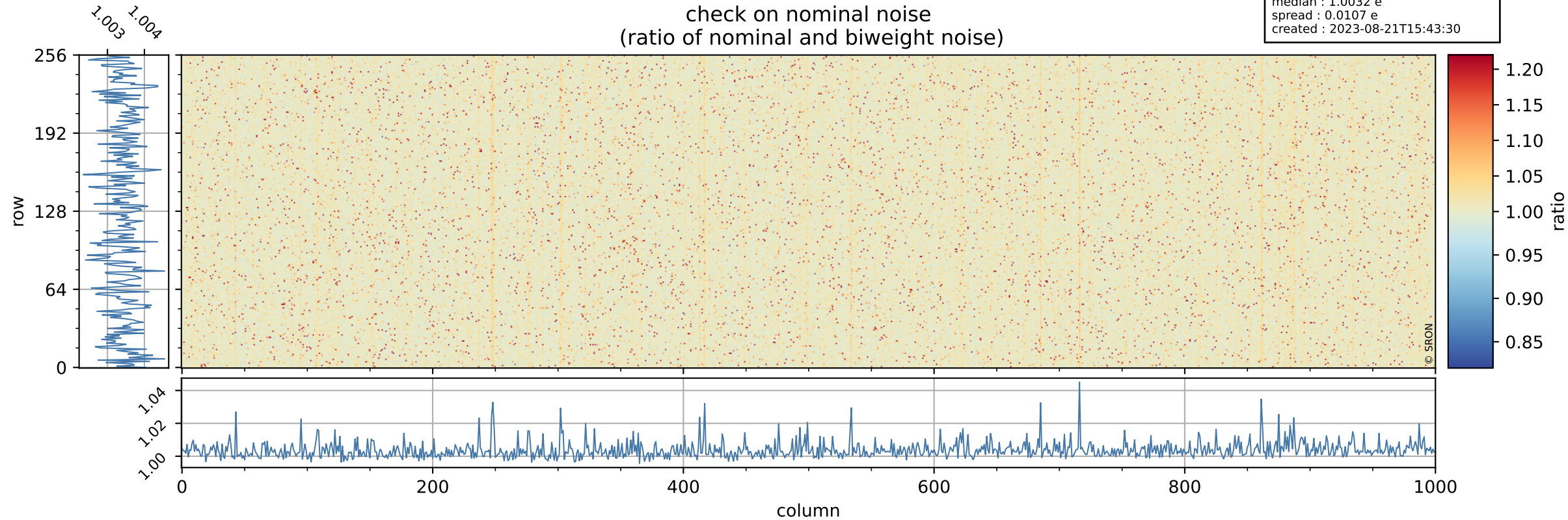
orbits : 12 in [15607, 15697]
coverage : 2020-10-17 / 2020-10-23
median : 0.99768 e
spread : 0.0056289 e
created : 2023-08-21T15:43:30



Tropomi SWIR background noise (swir)

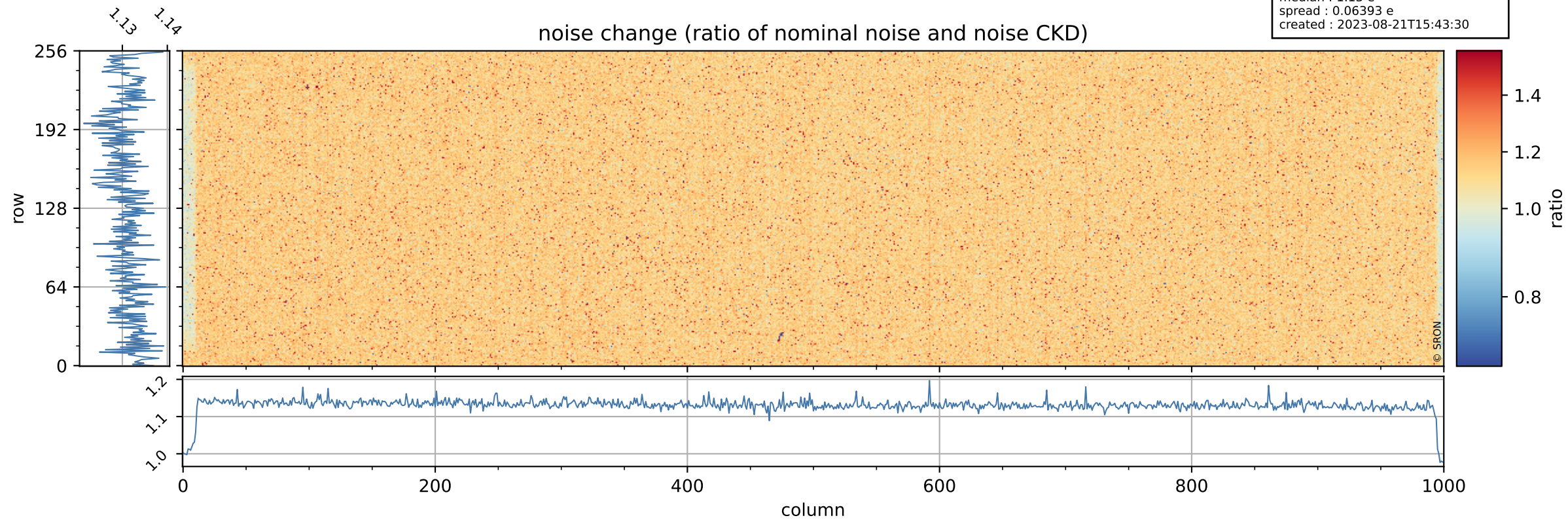
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15607, 15697]
coverage : 2020-10-17 / 2020-10-23
median : 1.0032 e
spread : 0.0107 e
created : 2023-08-21T15:43:30



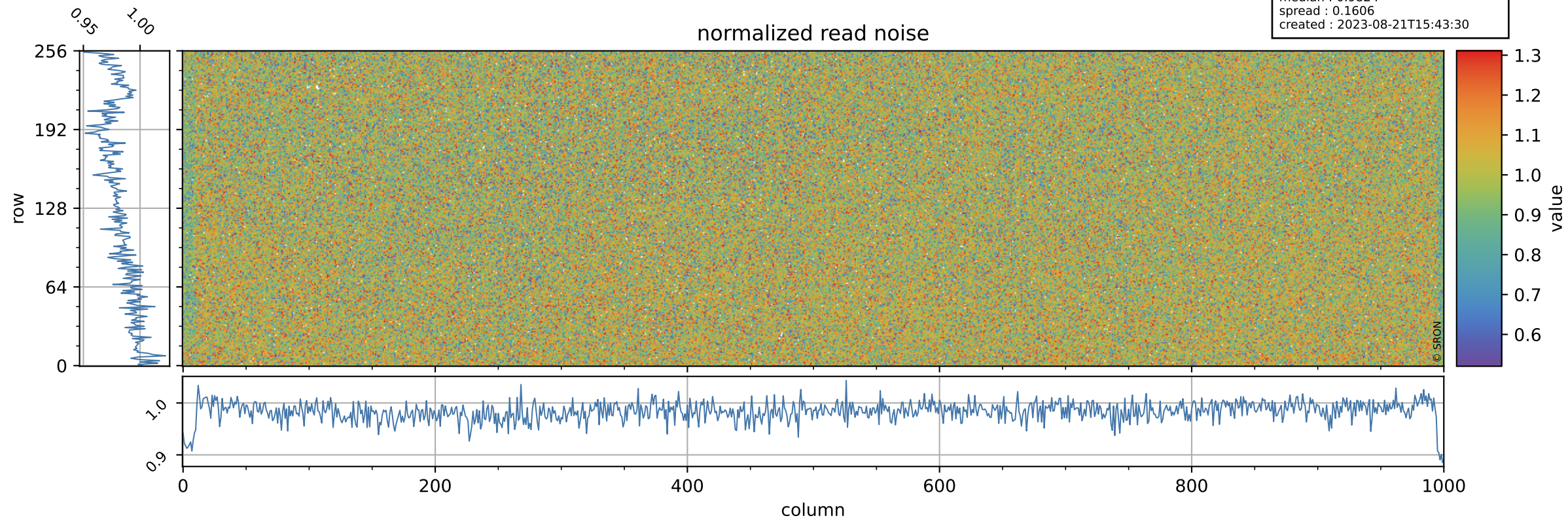
Tropomi SWIR background noise (swir)

orbits : 12 in [15607, 15697]
coverage : 2020-10-17 / 2020-10-23
median : 1.13 e
spread : 0.06393 e
created : 2023-08-21T15:43:30



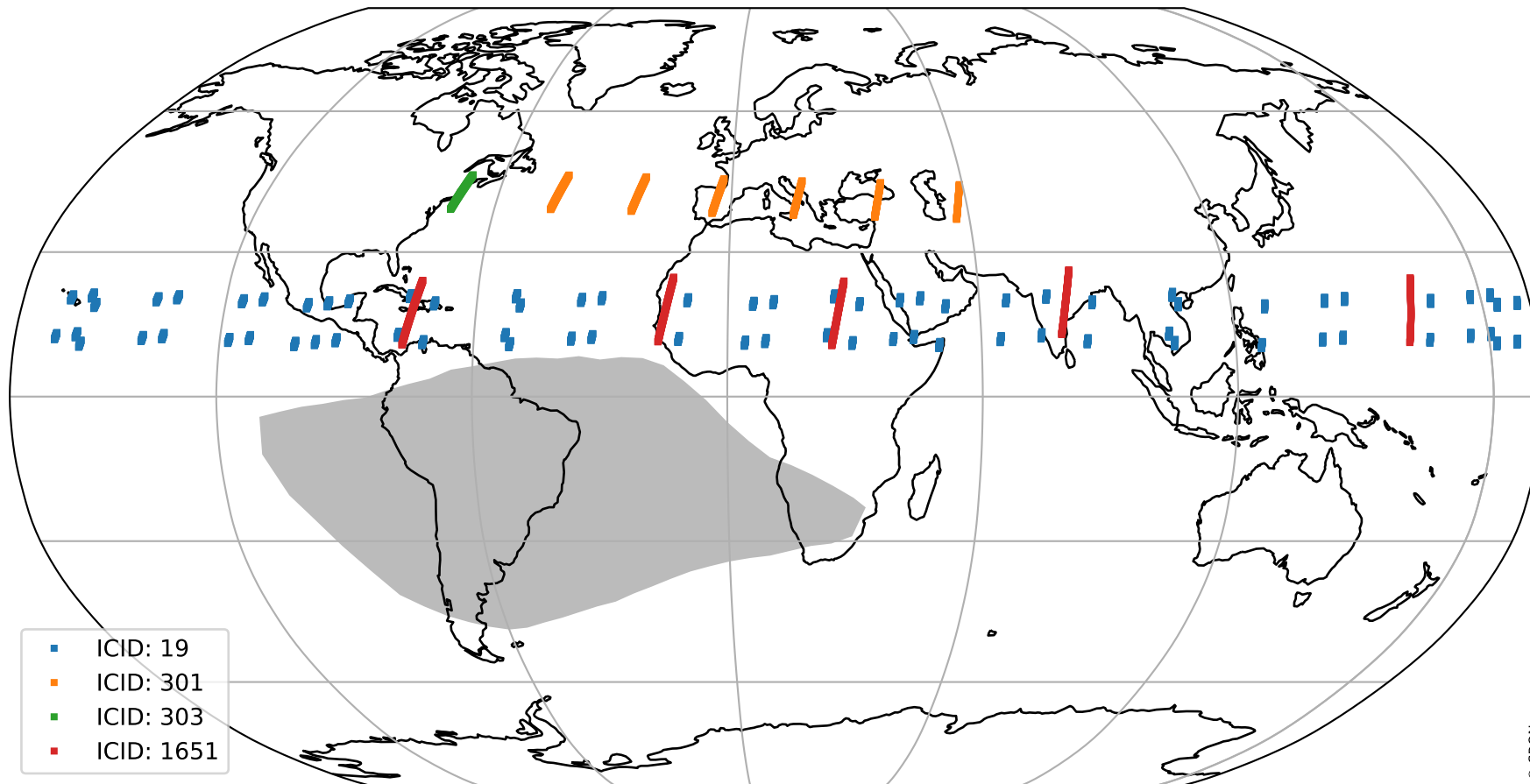
Tropomi SWIR background noise (swir)

orbits : 12 in [15607, 15697]
coverage : 2020-10-17 / 2020-10-23
median : 0.9824
spread : 0.1606
created : 2023-08-21T15:43:30



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

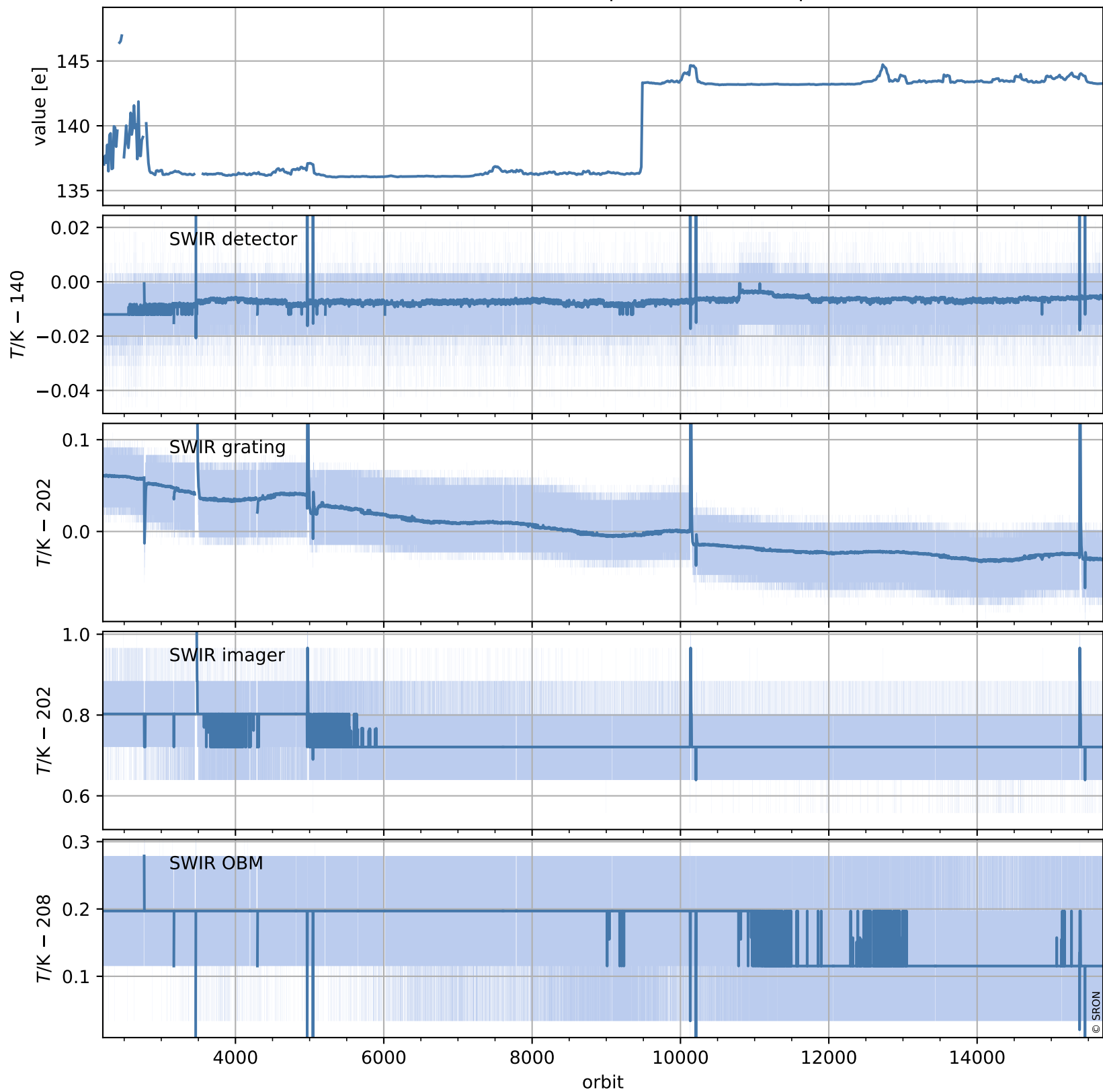
orbits : 12 in [15607, 15697]
coverage : 2020-10-17 / 2020-10-23
created : 2023-08-21T15:43:31



Tropomi SWIR background noise (swir)

orbits : [2212, 15697]
coverage : 2018-03-18 / 2020-10-23
created : 2023-08-21T15:43:31

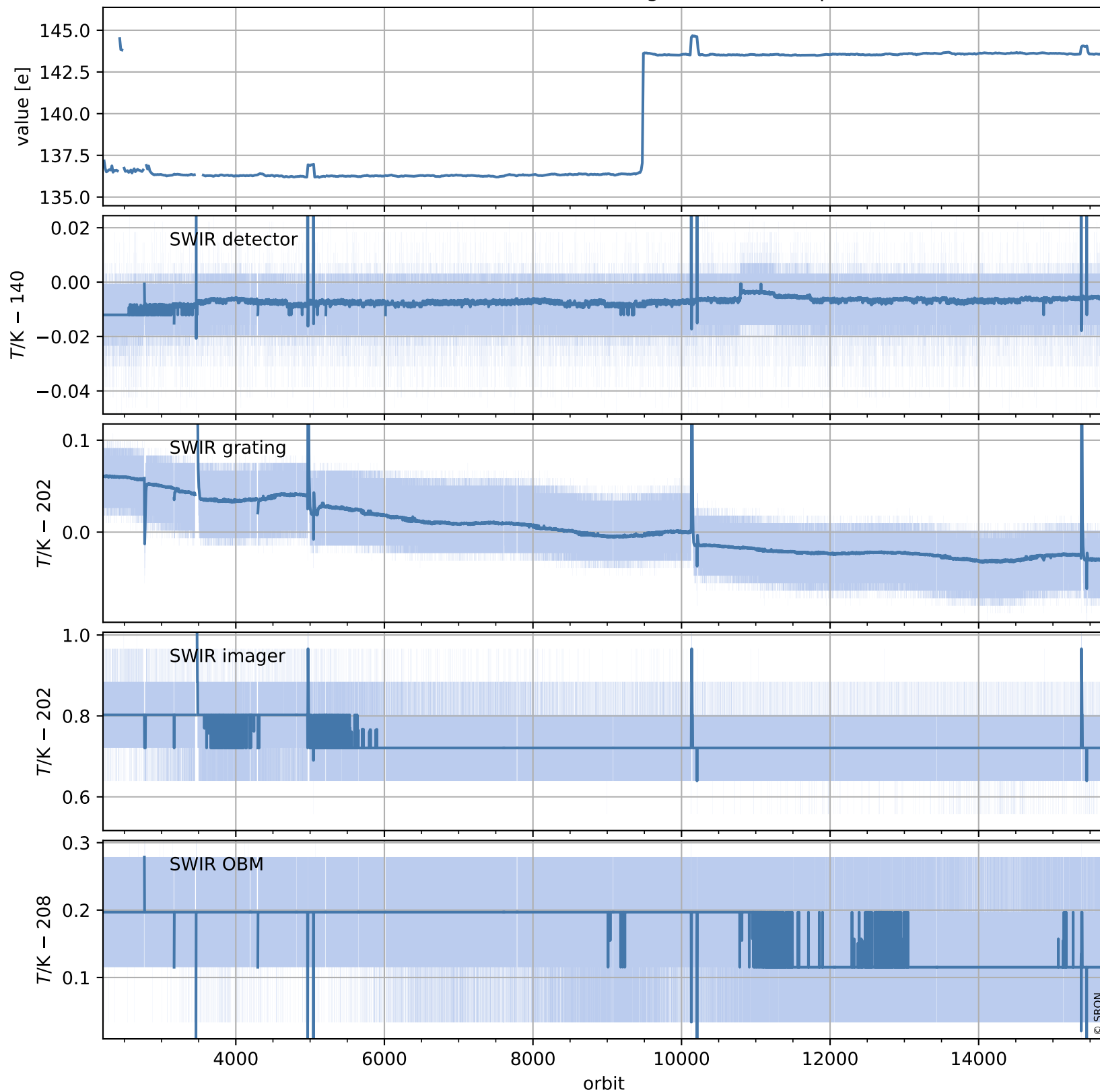
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15697]
coverage : 2018-03-18 / 2020-10-23
created : 2023-08-21T15:43:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15697]
coverage : 2018-03-18 / 2020-10-23
created : 2023-08-21T15:43:32

trend of normalized read-noise & temperatures

