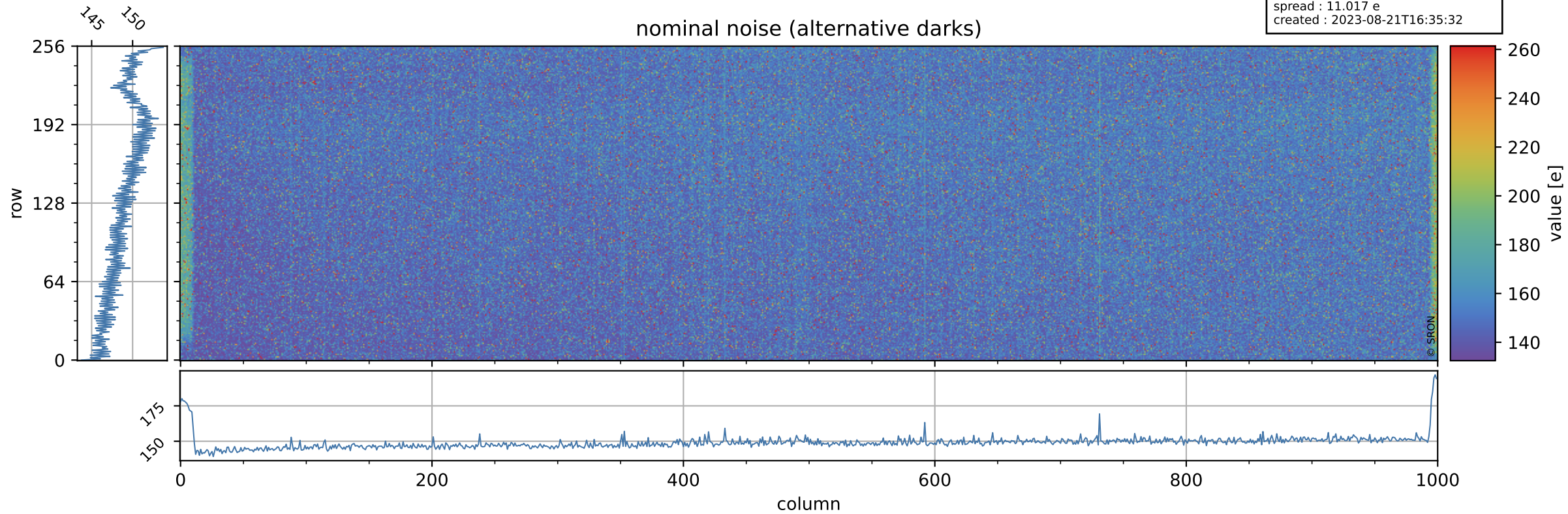


Tropomi SWIR background noise (swir)

orbits : 12 in [24157, 24247]
coverage : 2022-06-12 / 2022-06-18
n_coad, t_exp : 1, 1.0783
median : 148.85 e
spread : 11.017 e
created : 2023-08-21T16:35:32

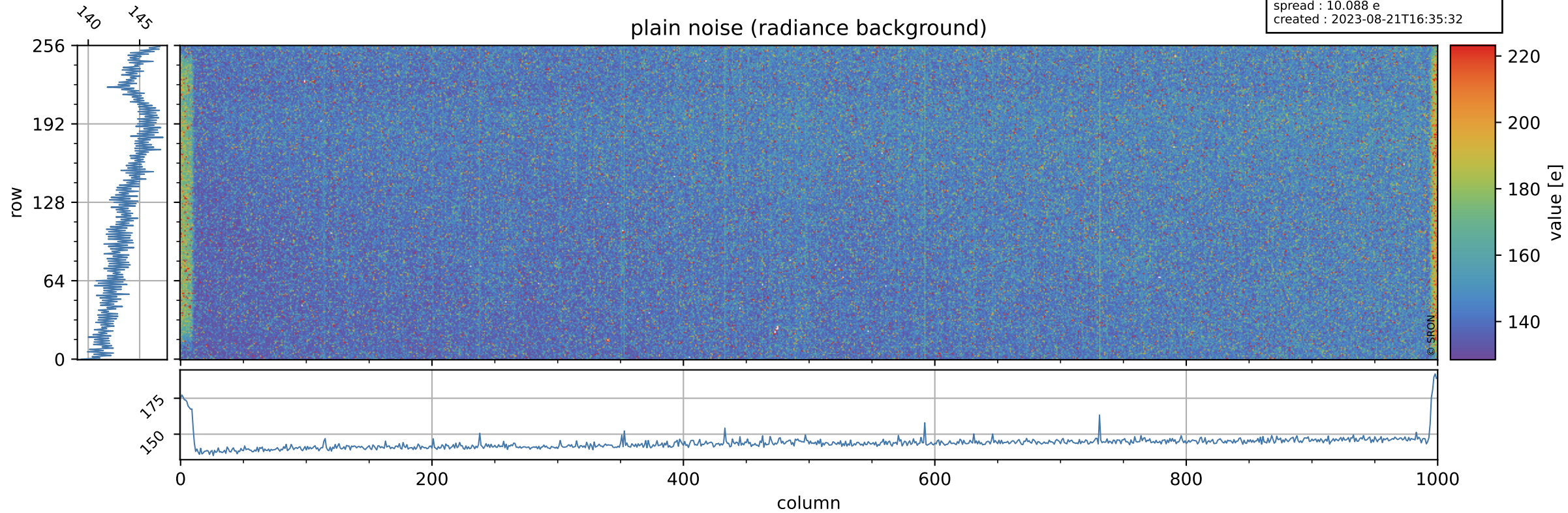
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24157, 24247]
coverage : 2022-06-12 / 2022-06-18
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 10.088 e
created : 2023-08-21T16:35:32

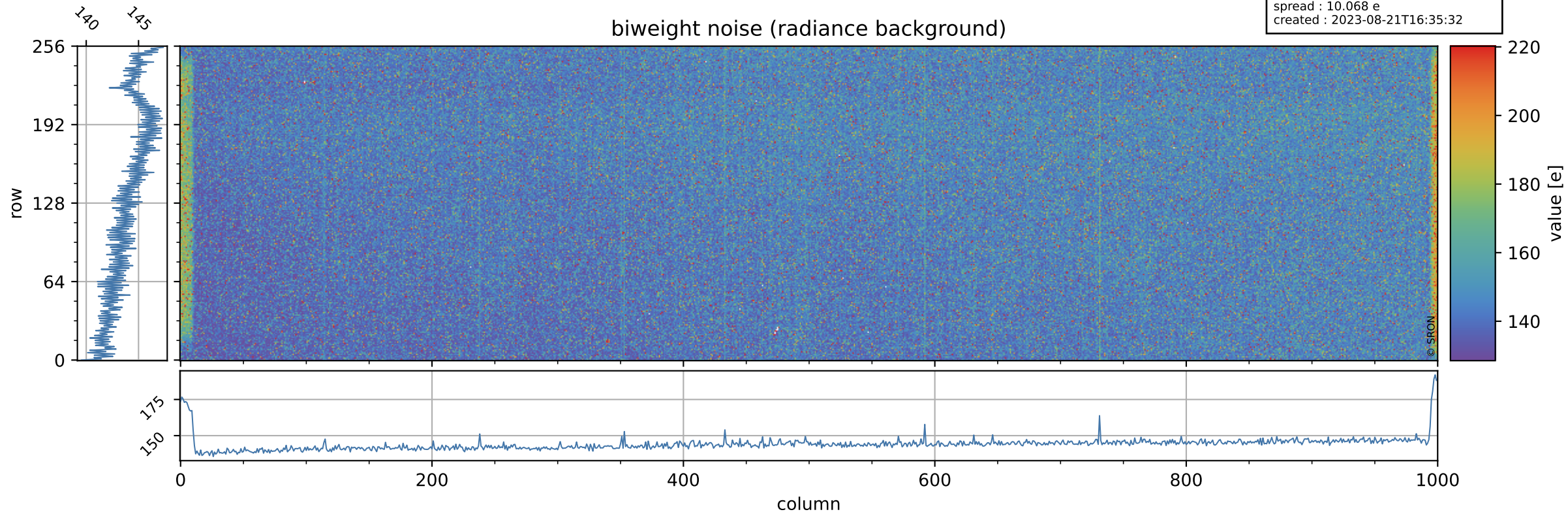
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24157, 24247]
coverage : 2022-06-12 / 2022-06-18
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 10.068 e
created : 2023-08-21T16:35:32

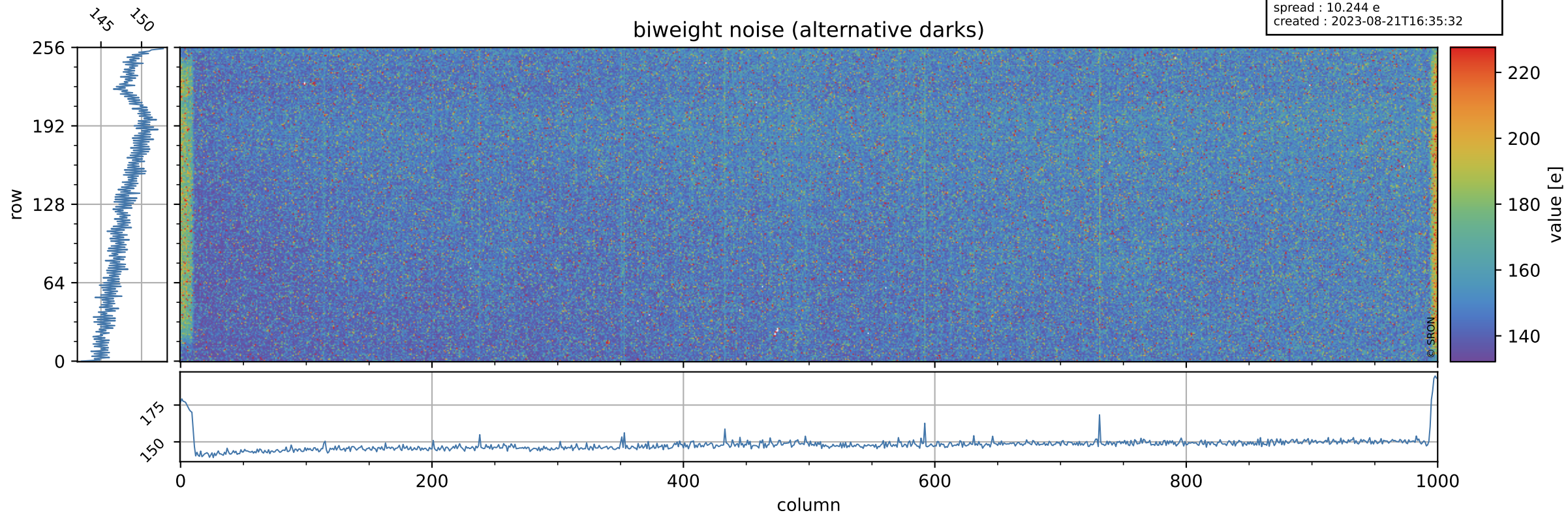
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24157, 24247]
coverage : 2022-06-12 / 2022-06-18
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.244 e
created : 2023-08-21T16:35:32

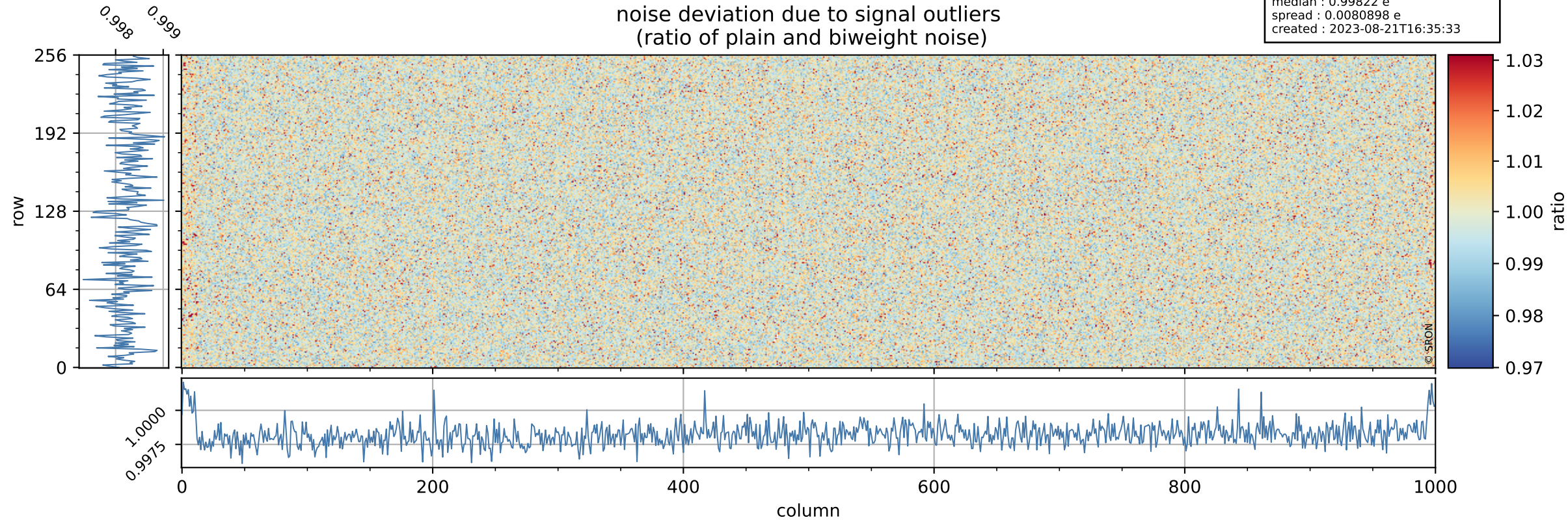
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

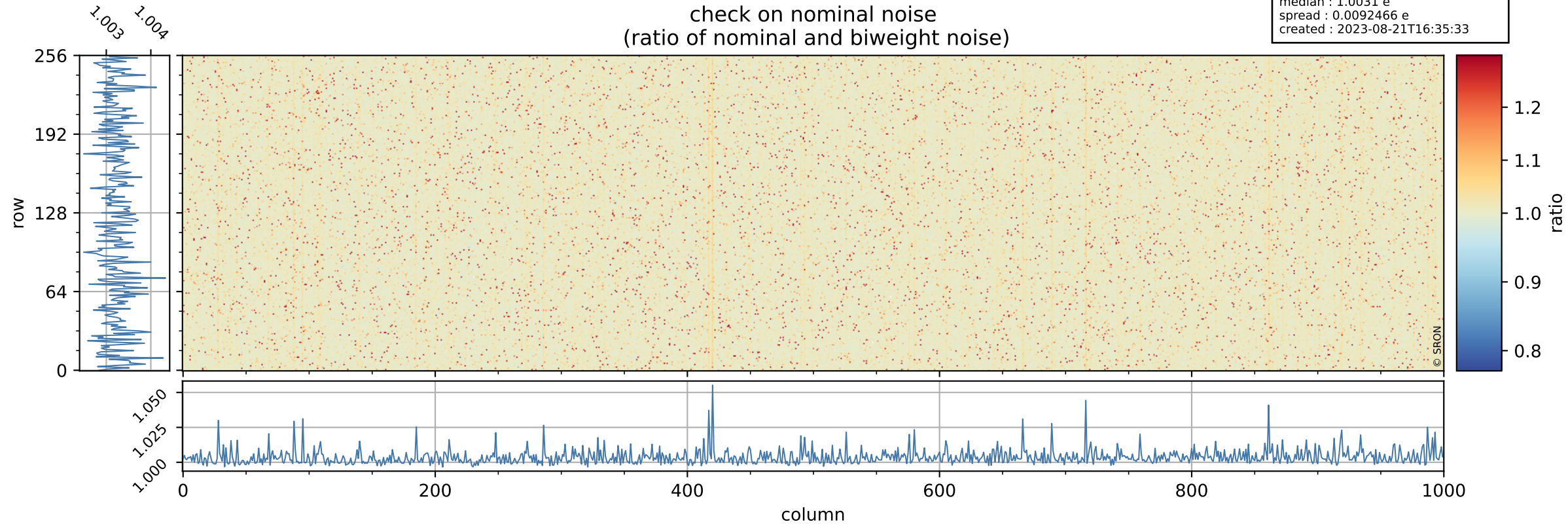
orbits : 12 in [24157, 24247]
coverage : 2022-06-12 / 2022-06-18
median : 0.99822 e
spread : 0.0080898 e
created : 2023-08-21T16:35:33



Tropomi SWIR background noise (swir)

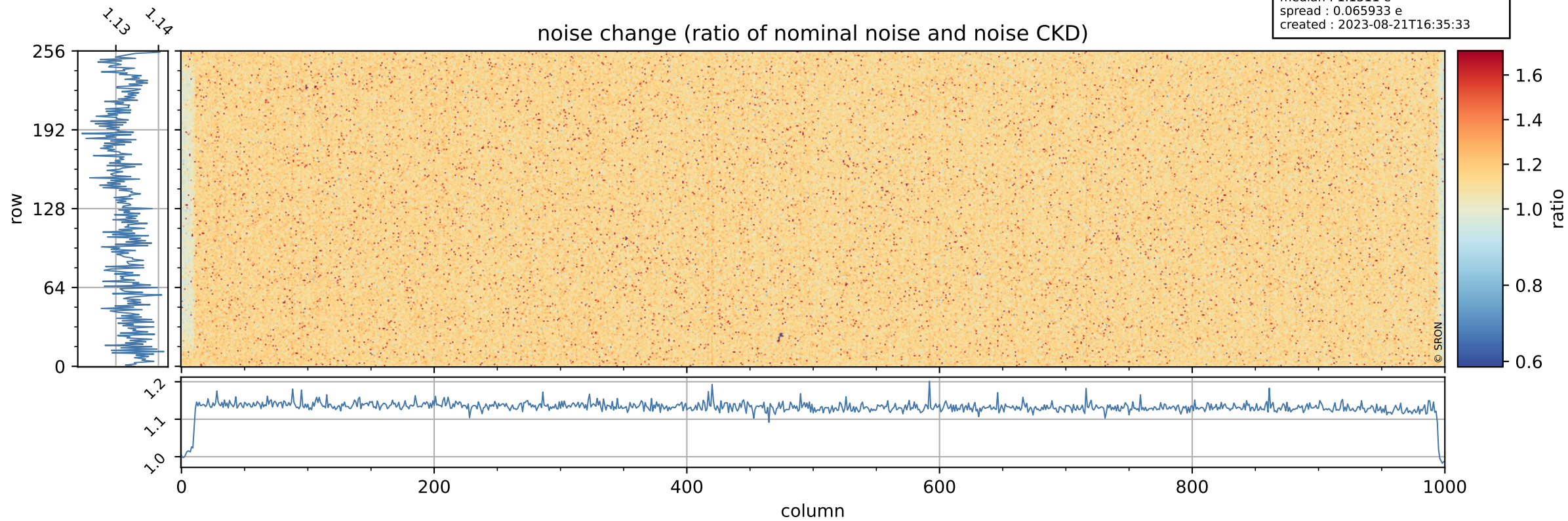
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24157, 24247]
coverage : 2022-06-12 / 2022-06-18
median : 1.0031 e
spread : 0.0092466 e
created : 2023-08-21T16:35:33



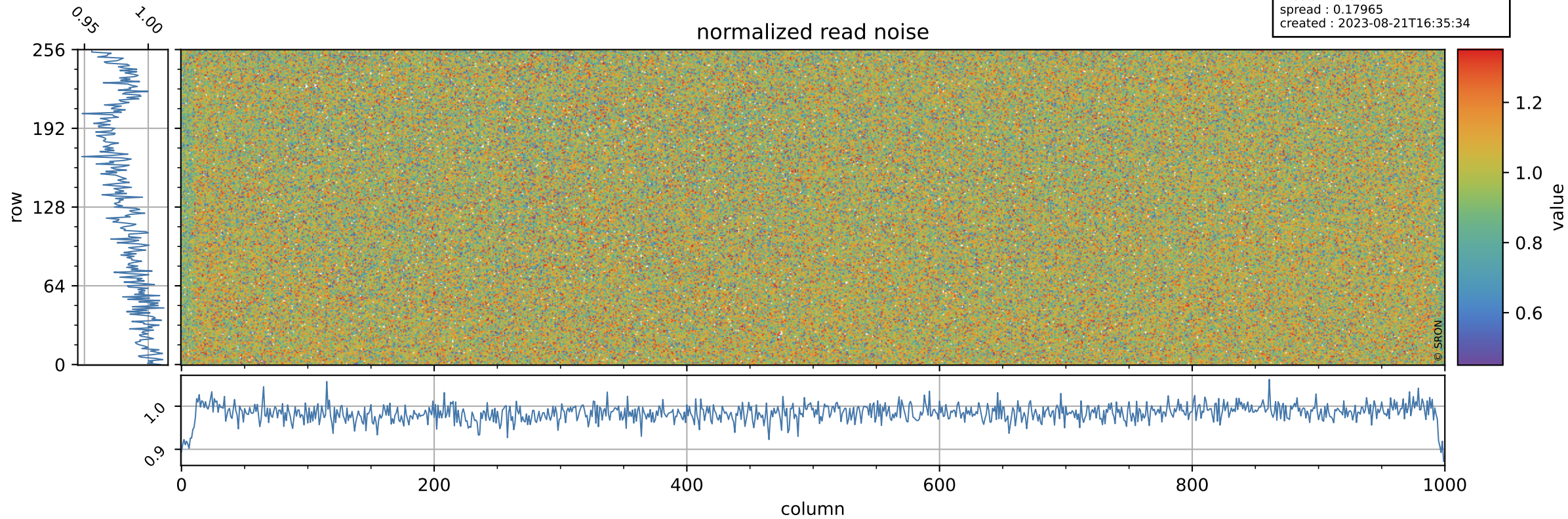
Tropomi SWIR background noise (swir)

orbits : 12 in [24157, 24247]
coverage : 2022-06-12 / 2022-06-18
median : 1.1311 e
spread : 0.065933 e
created : 2023-08-21T16:35:33



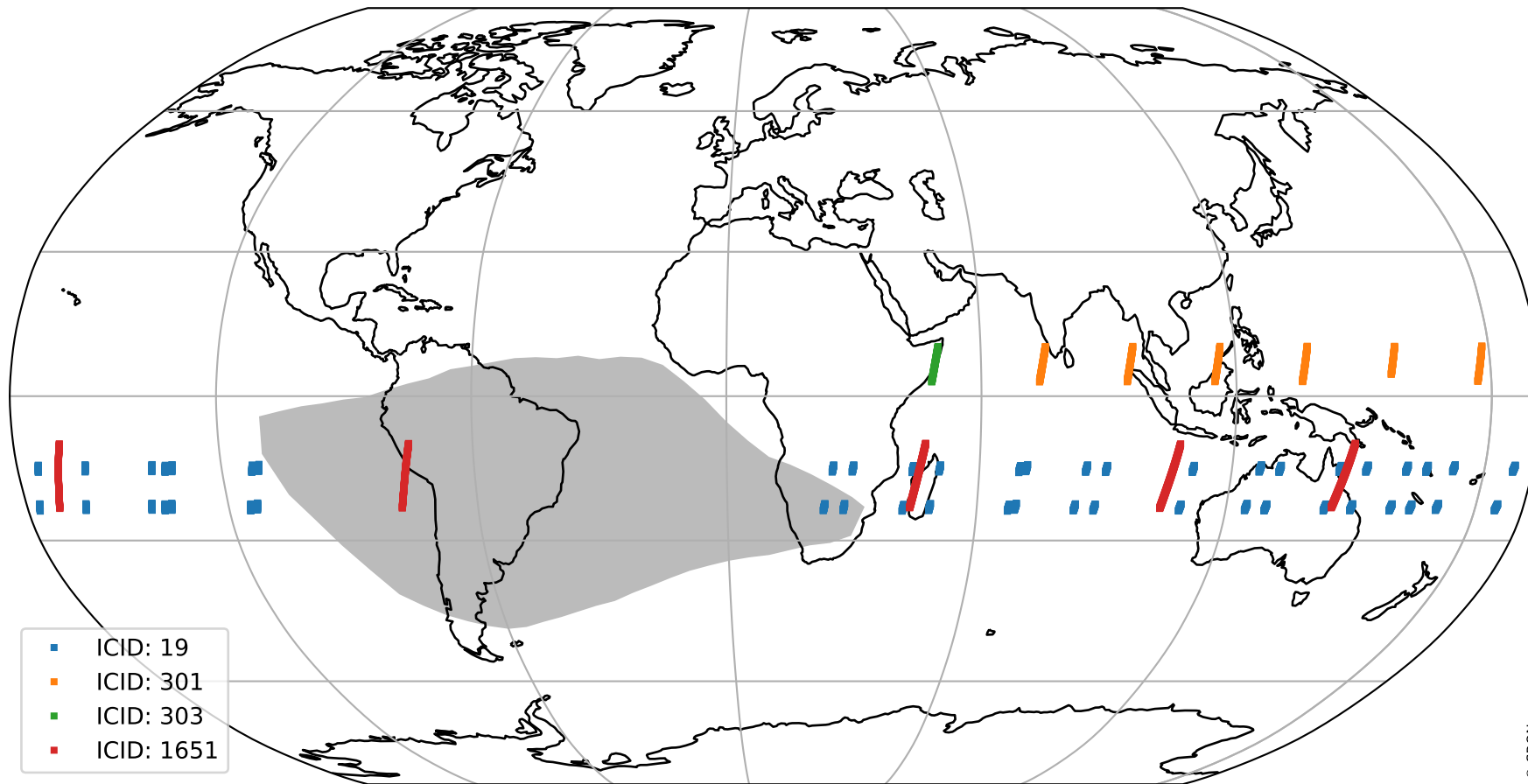
Tropomi SWIR background noise (swir)

orbits : 12 in [24157, 24247]
coverage : 2022-06-12 / 2022-06-18
median : 0.98247
spread : 0.17965
created : 2023-08-21T16:35:34



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

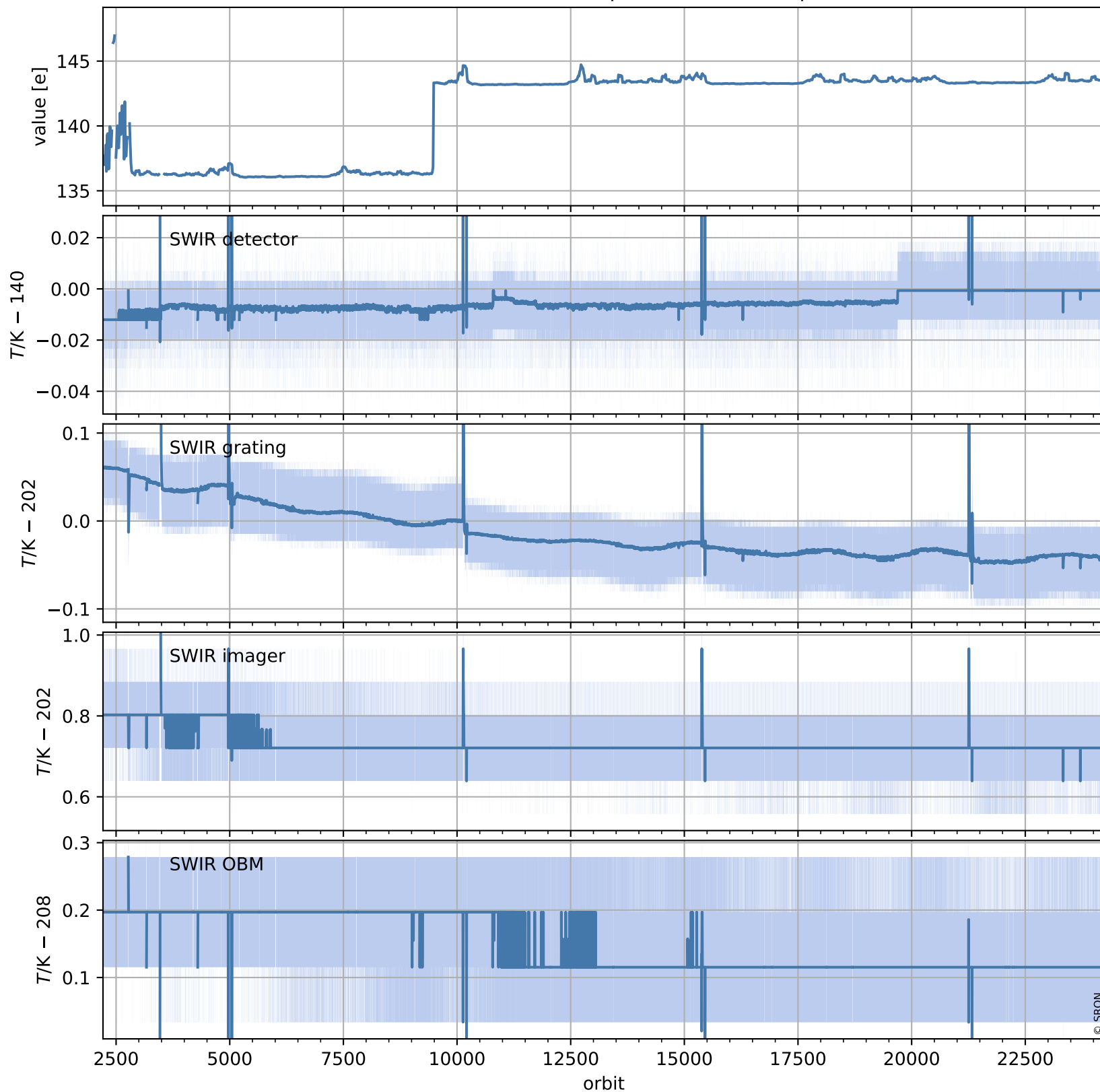
orbits : 12 in [24157, 24247]
coverage : 2022-06-12 / 2022-06-18
created : 2023-08-21T16:35:34



Tropomi SWIR background noise (swir)

orbits : [2212, 24247]
coverage : 2018-03-18 / 2022-06-18
created : 2023-08-21T16:35:34

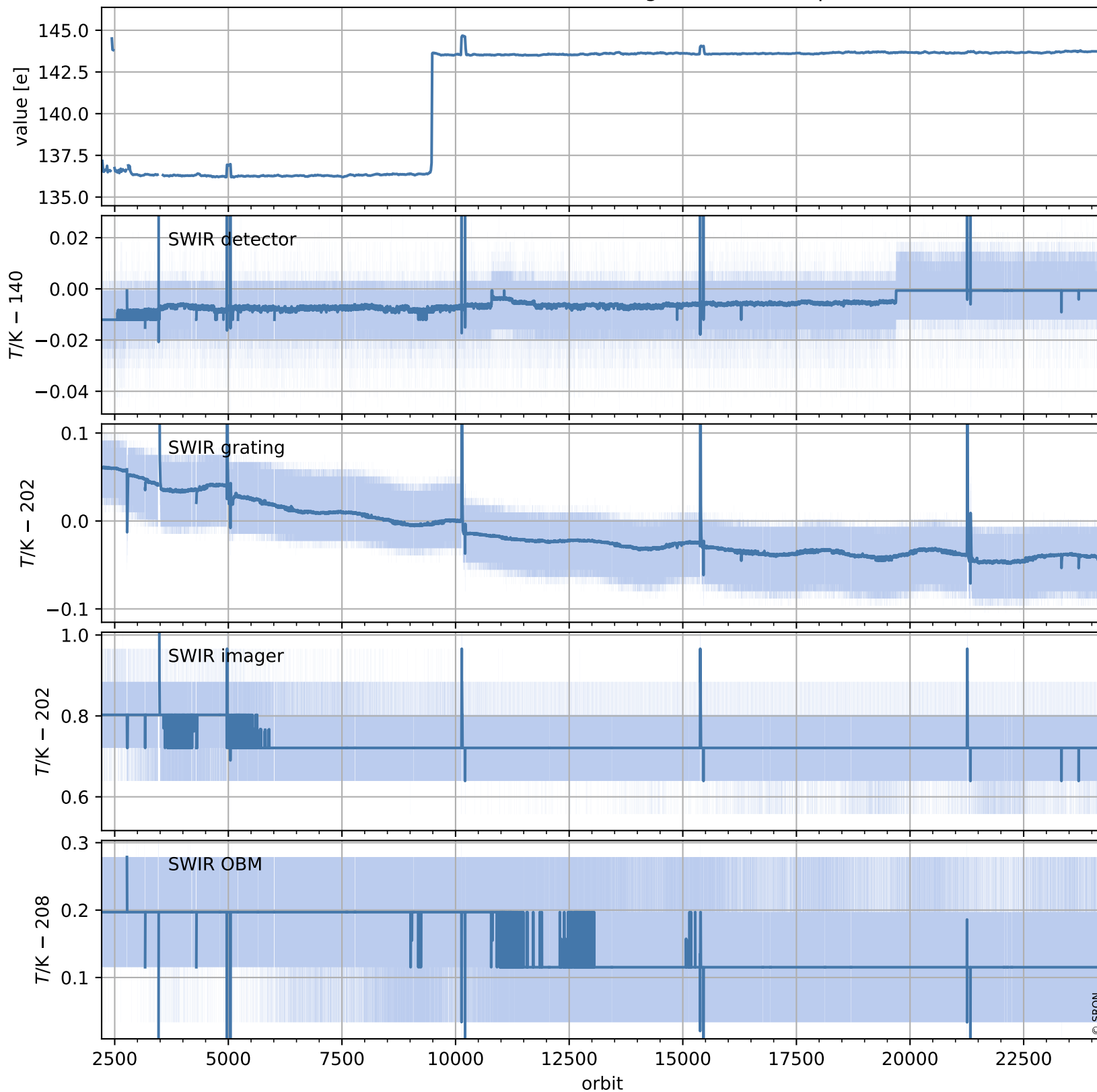
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24247]
coverage : 2018-03-18 / 2022-06-18
created : 2023-08-21T16:35:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24247]
coverage : 2018-03-18 / 2022-06-18
created : 2023-08-21T16:35:36

trend of normalized read-noise & temperatures

