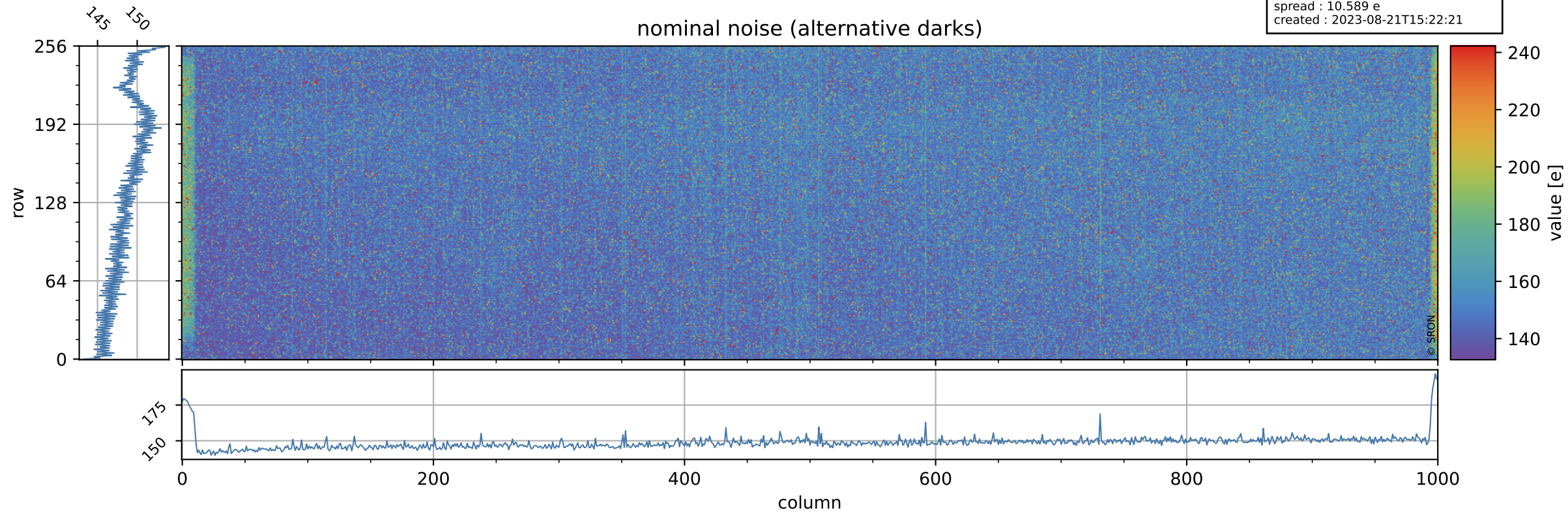


Tropomi SWIR background noise (swir)

orbits : 13 in [11752, 11842]
coverage : 2020-01-20 / 2020-01-25
n_coad, t_exp : 1, 1.0783
median : 148.54 e
spread : 10.589 e
created : 2023-08-21T15:22:21

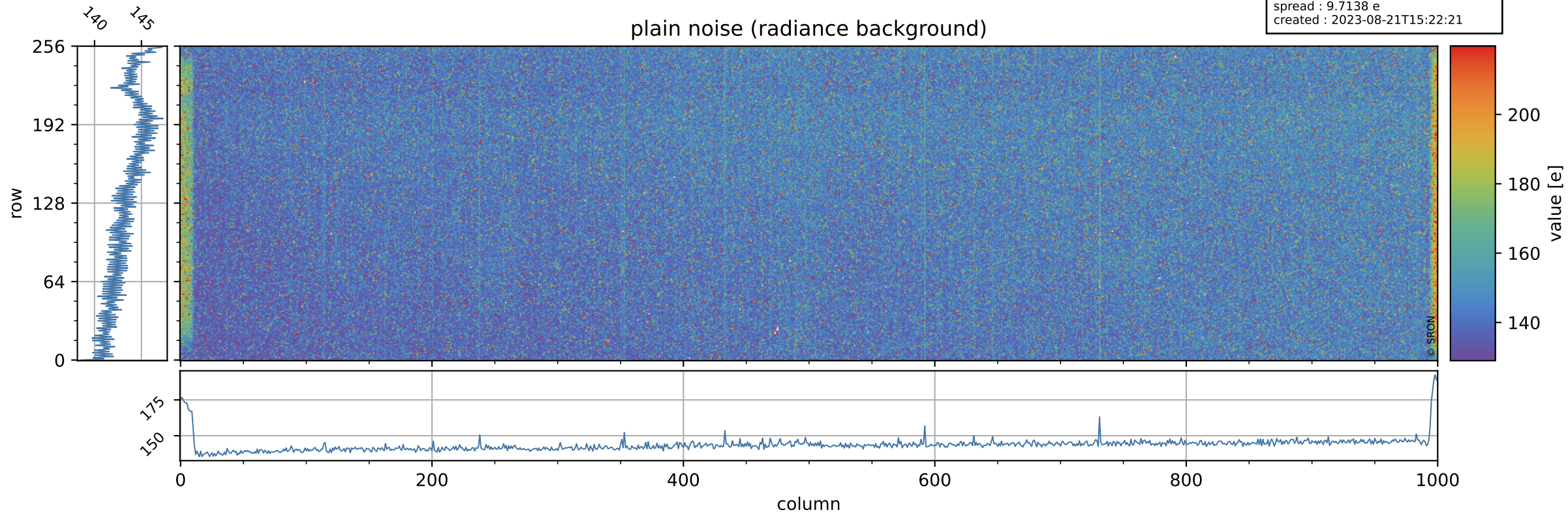
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [11752, 11842]
coverage : 2020-01-20 / 2020-01-25
n_coad, t_exp : 1, 0.8383
median : 143.33 e
spread : 9.7138 e
created : 2023-08-21T15:22:21

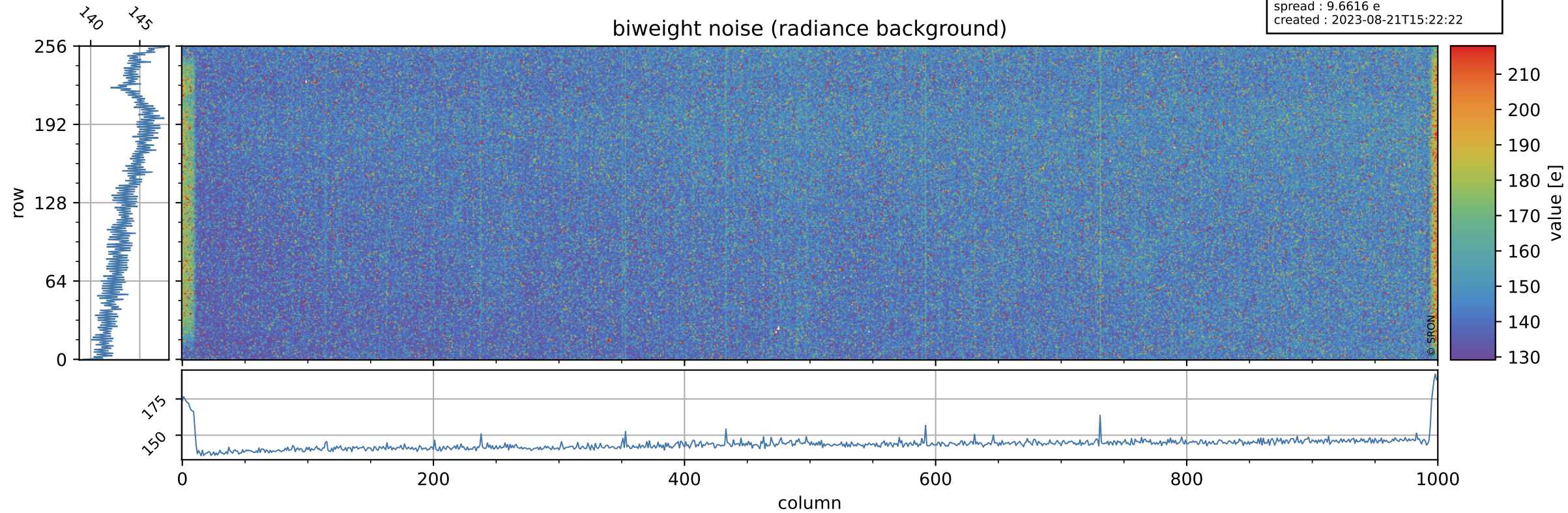
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [11752, 11842]
coverage : 2020-01-20 / 2020-01-25
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.6616 e
created : 2023-08-21T15:22:22

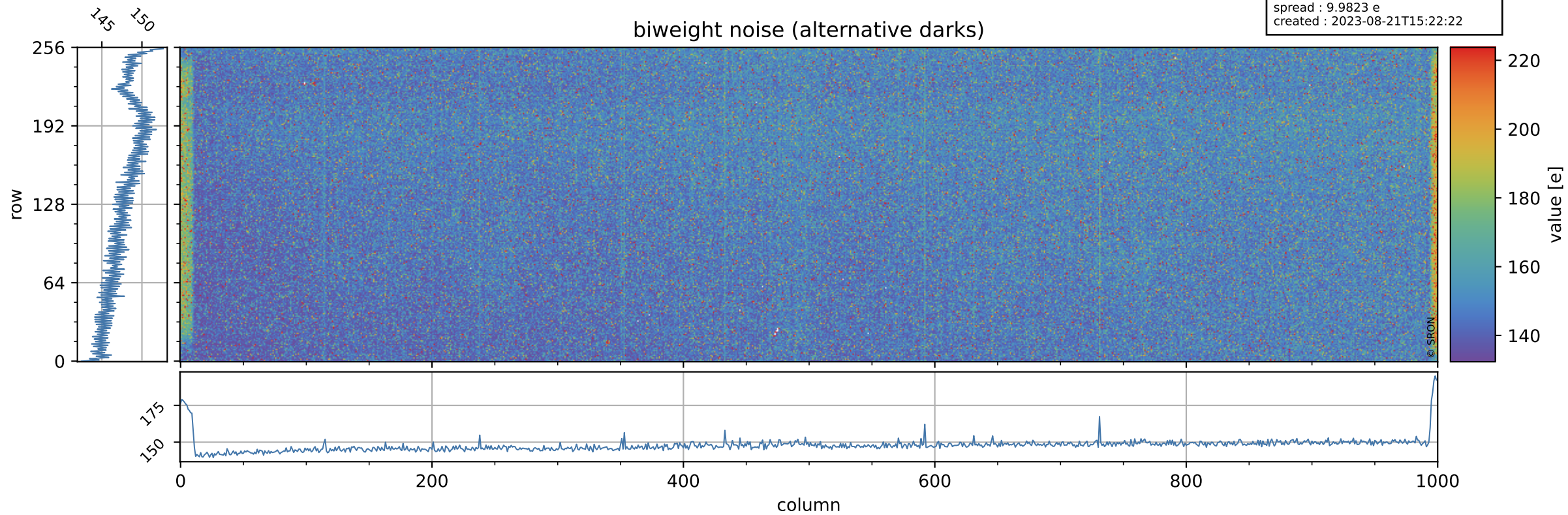
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [11752, 11842]
coverage : 2020-01-20 / 2020-01-25
n_coad, t_exp : 1, 1.0783
median : 147.66 e
spread : 9.9823 e
created : 2023-08-21T15:22:22

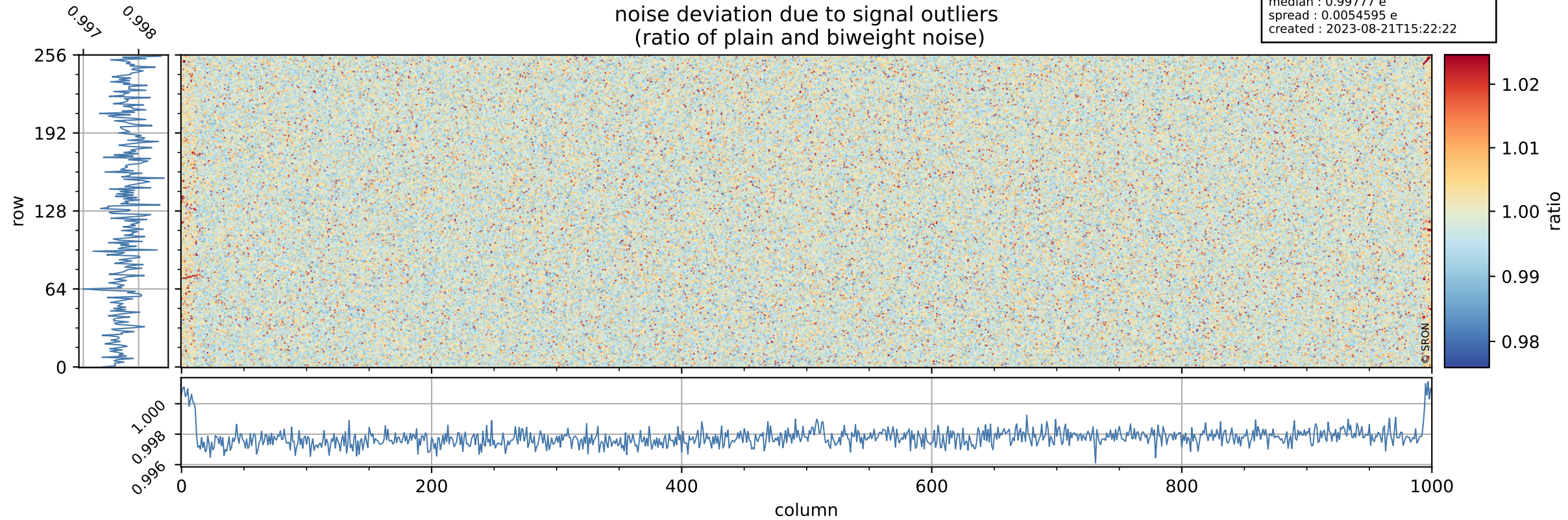
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

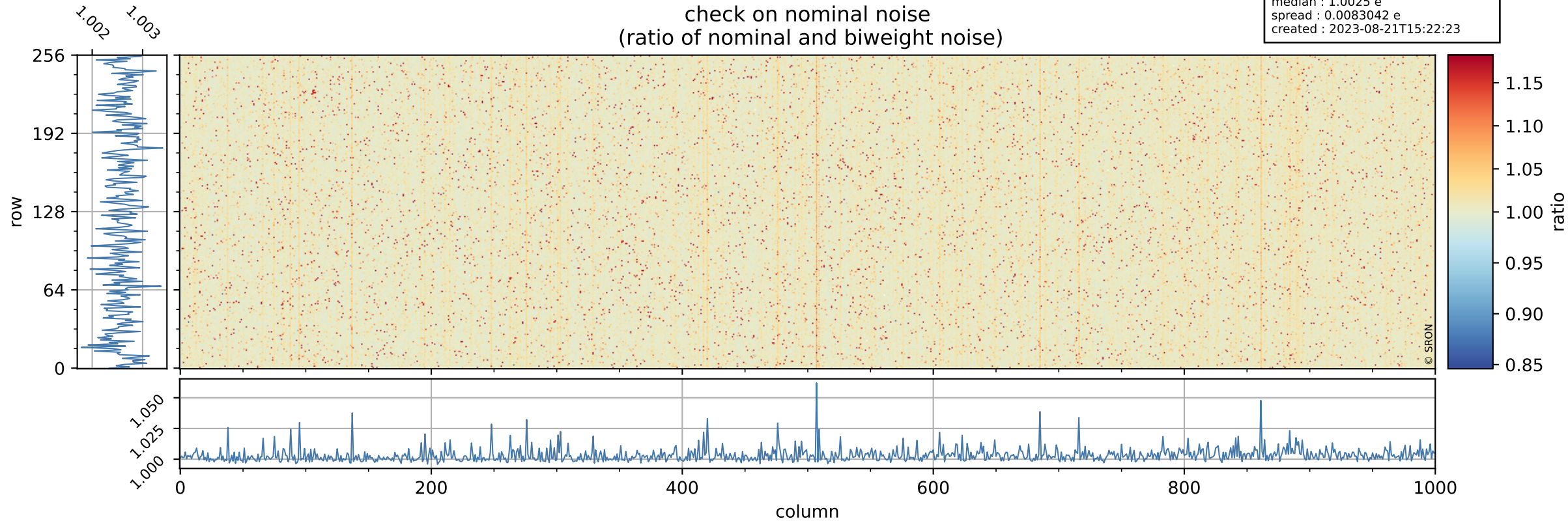
orbits : 13 in [11752, 11842]
coverage : 2020-01-20 / 2020-01-25
median : 0.99777 e
spread : 0.0054595 e
created : 2023-08-21T15:22:22



Tropomi SWIR background noise (swir)

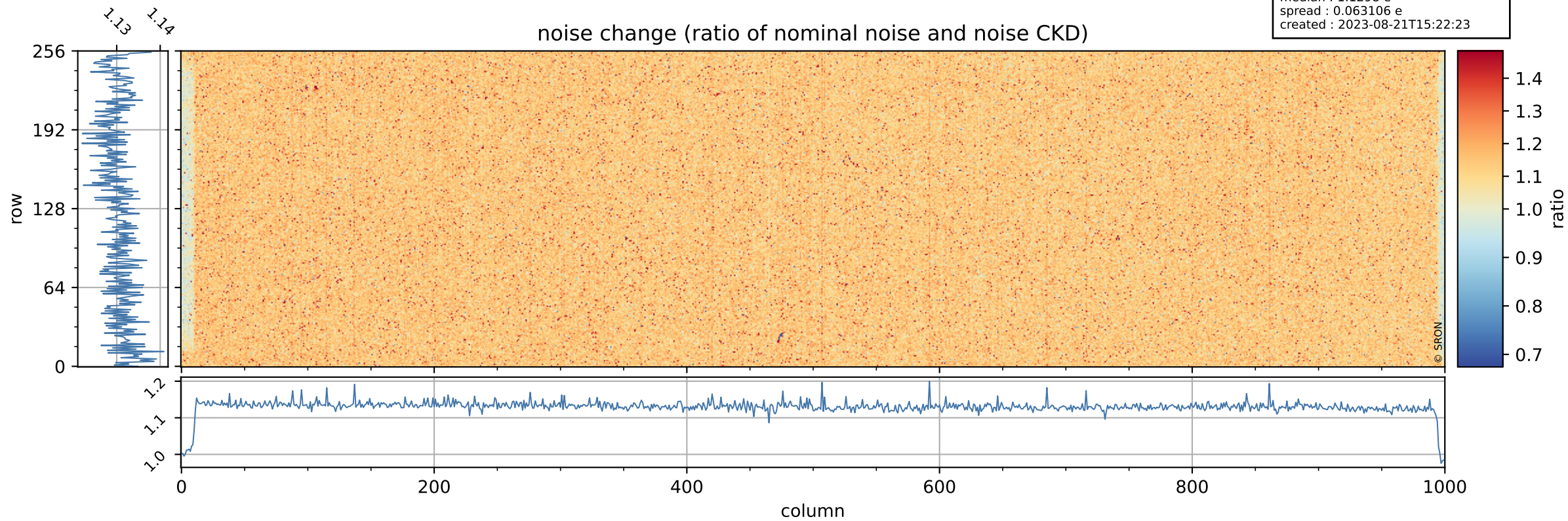
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [11752, 11842]
coverage : 2020-01-20 / 2020-01-25
median : 1.0025 e
spread : 0.0083042 e
created : 2023-08-21T15:22:23



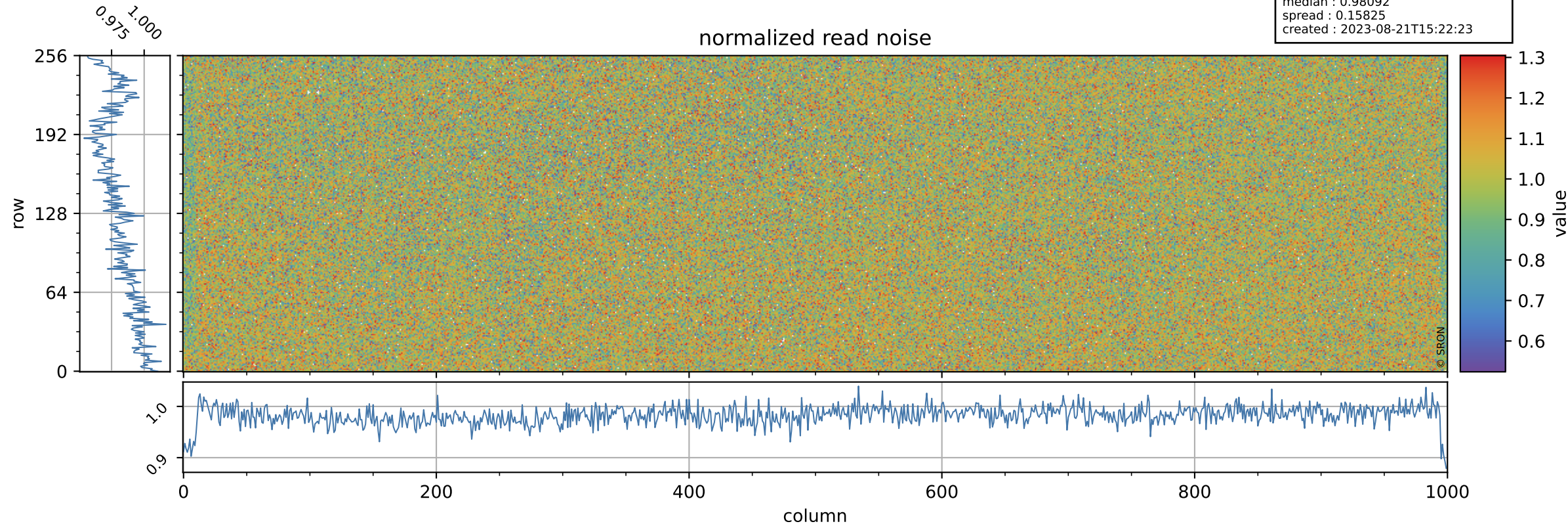
Tropomi SWIR background noise (swir)

orbits : 13 in [11752, 11842]
coverage : 2020-01-20 / 2020-01-25
median : 1.1298 e
spread : 0.063106 e
created : 2023-08-21T15:22:23



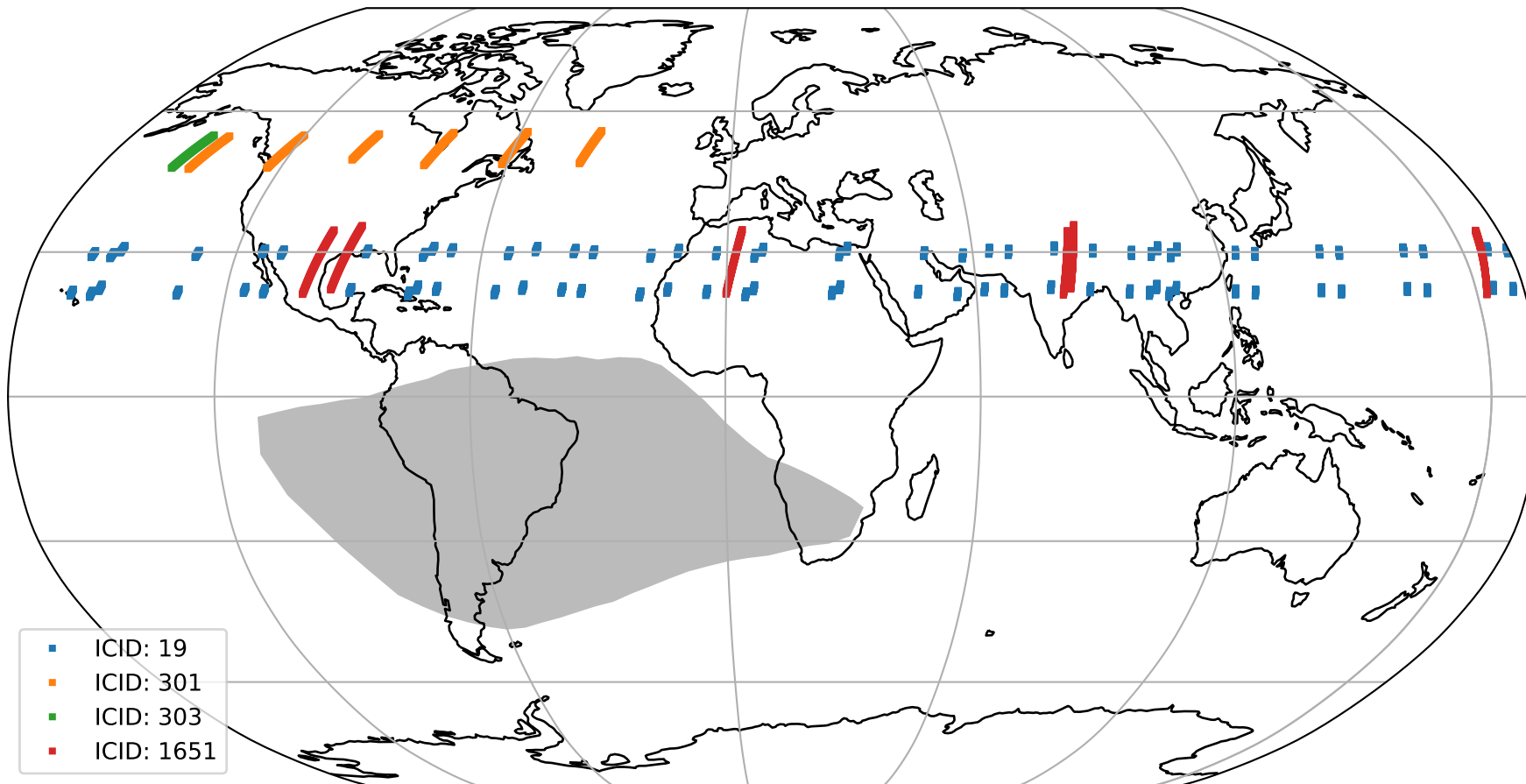
Tropomi SWIR background noise (swir)

orbits : 13 in [11752, 11842]
coverage : 2020-01-20 / 2020-01-25
median : 0.98092
spread : 0.15825
created : 2023-08-21T15:22:23



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

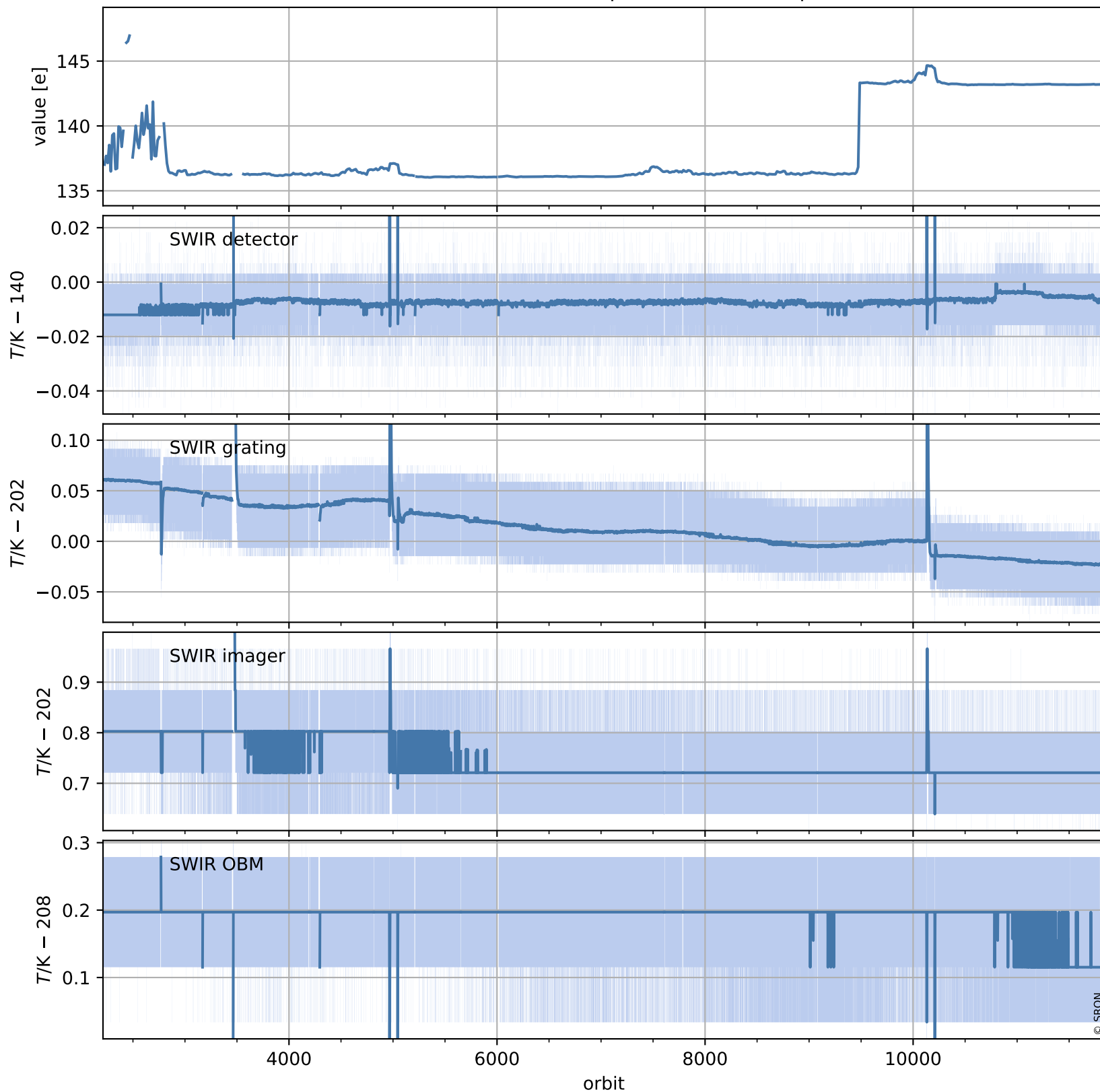
orbits : 13 in [11752, 11842]
coverage : 2020-01-20 / 2020-01-25
created : 2023-08-21T15:22:24



Tropomi SWIR background noise (swir)

orbits : [2212, 11842]
coverage : 2018-03-18 / 2020-01-25
created : 2023-08-21T15:22:24

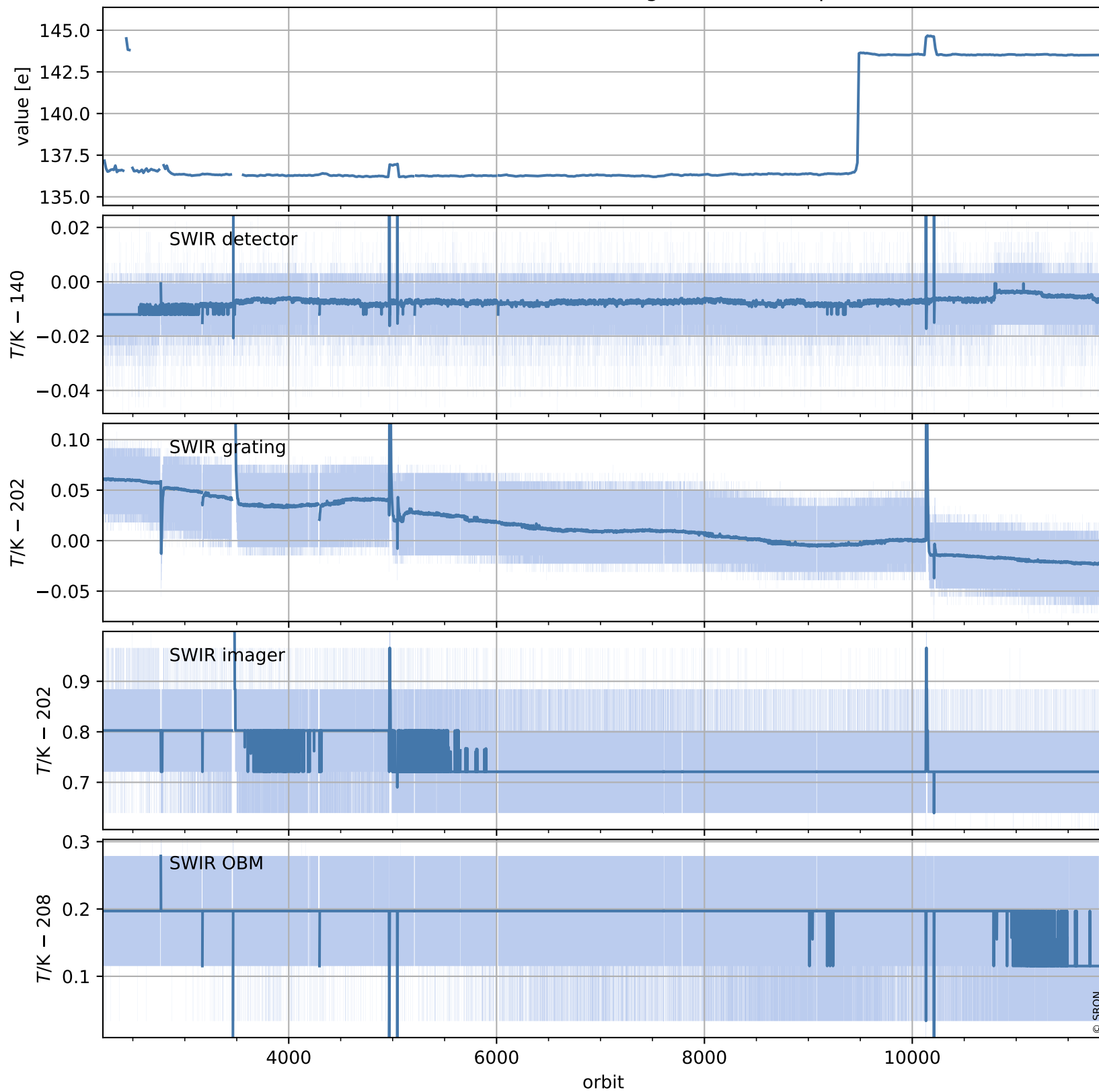
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11842]
coverage : 2018-03-18 / 2020-01-25
created : 2023-08-21T15:22:25

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11842]
coverage : 2018-03-18 / 2020-01-25
created : 2023-08-21T15:22:25

trend of normalized read-noise & temperatures

