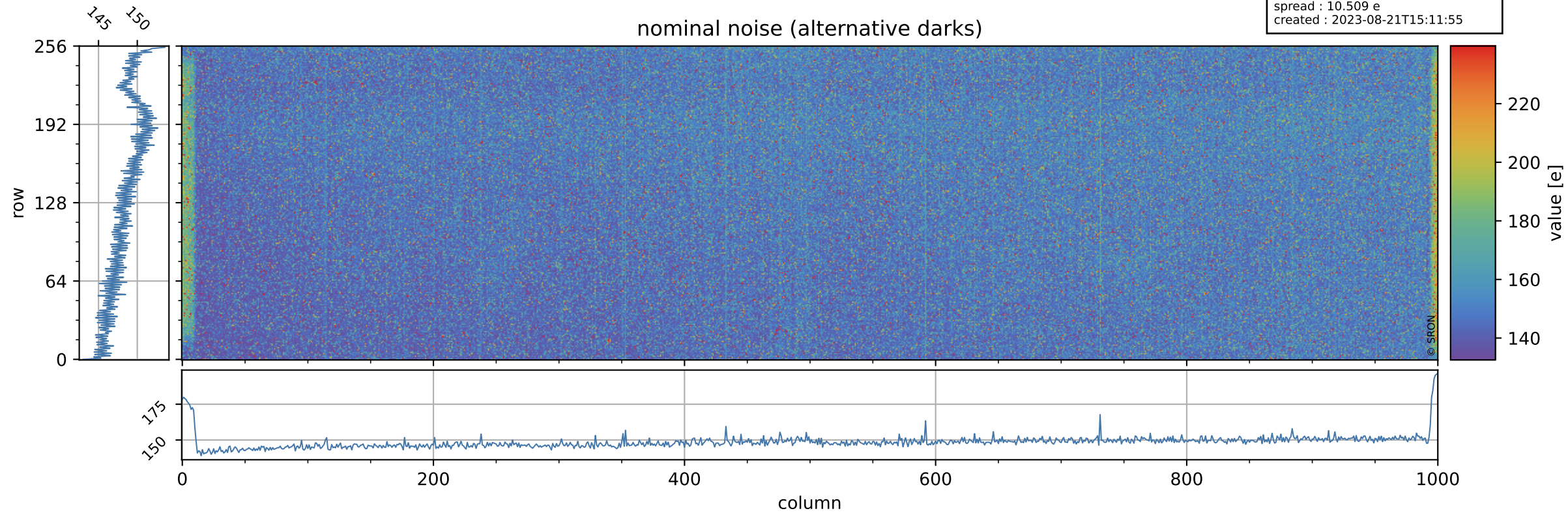


Tropomi SWIR background noise (swir)

orbits : 13 in [10327, 10417]
coverage : 2019-10-11 / 2019-10-17
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.509 e
created : 2023-08-21T15:11:55

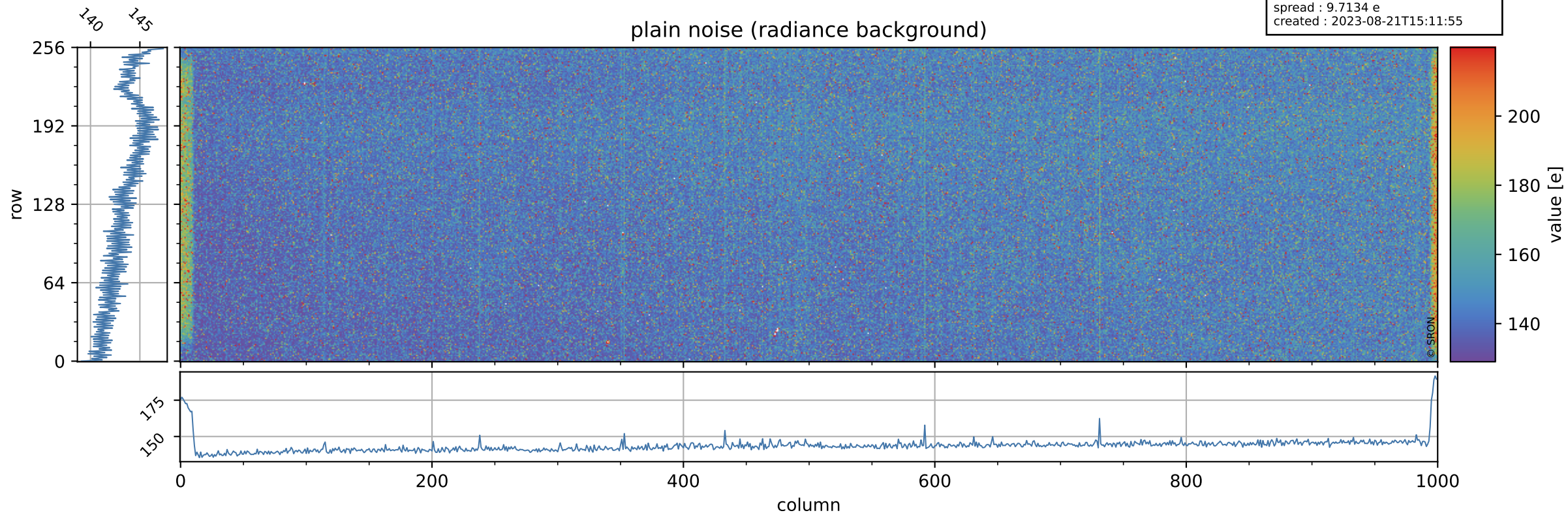
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [10327, 10417]
coverage : 2019-10-11 / 2019-10-17
n_coad, t_exp : 1, 0.8383
median : 143.38 e
spread : 9.7134 e
created : 2023-08-21T15:11:55

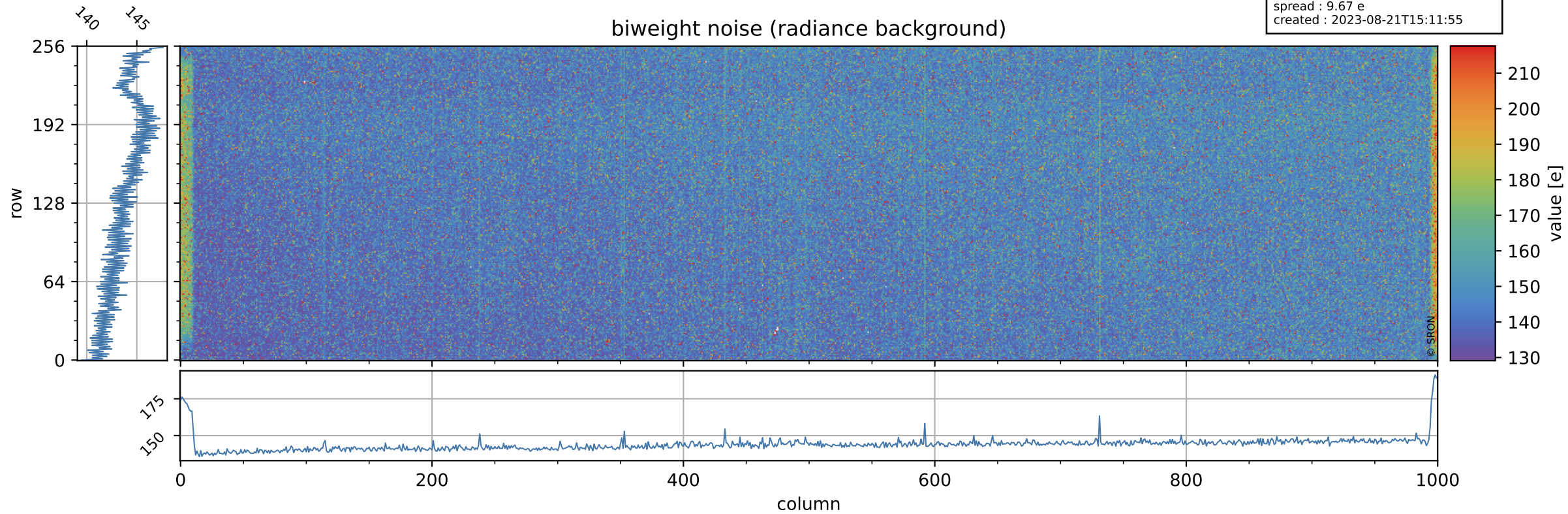
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [10327, 10417]
coverage : 2019-10-11 / 2019-10-17
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.67 e
created : 2023-08-21T15:11:55

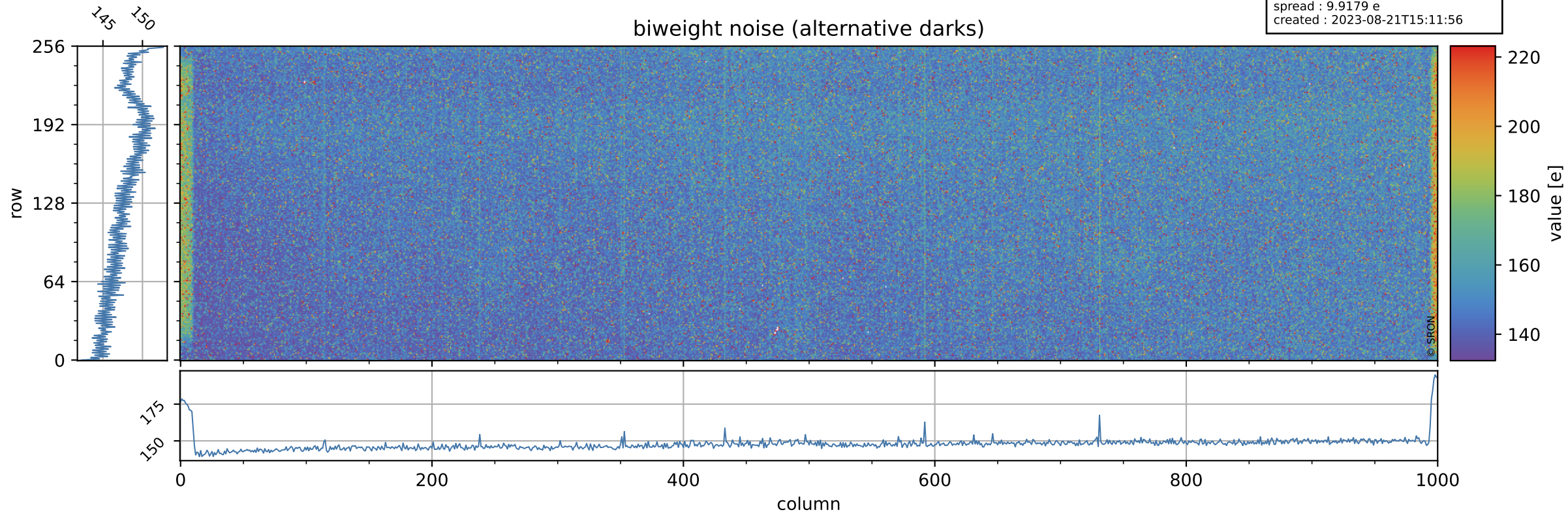
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [10327, 10417]
coverage : 2019-10-11 / 2019-10-17
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.9179 e
created : 2023-08-21T15:11:56

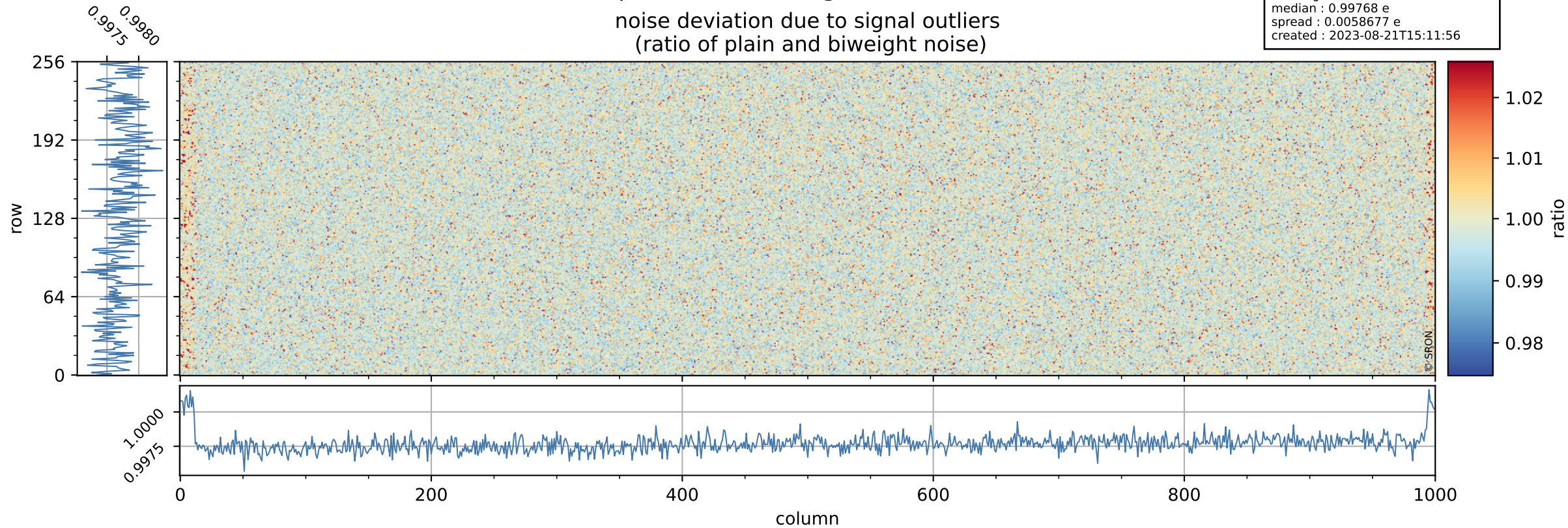
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

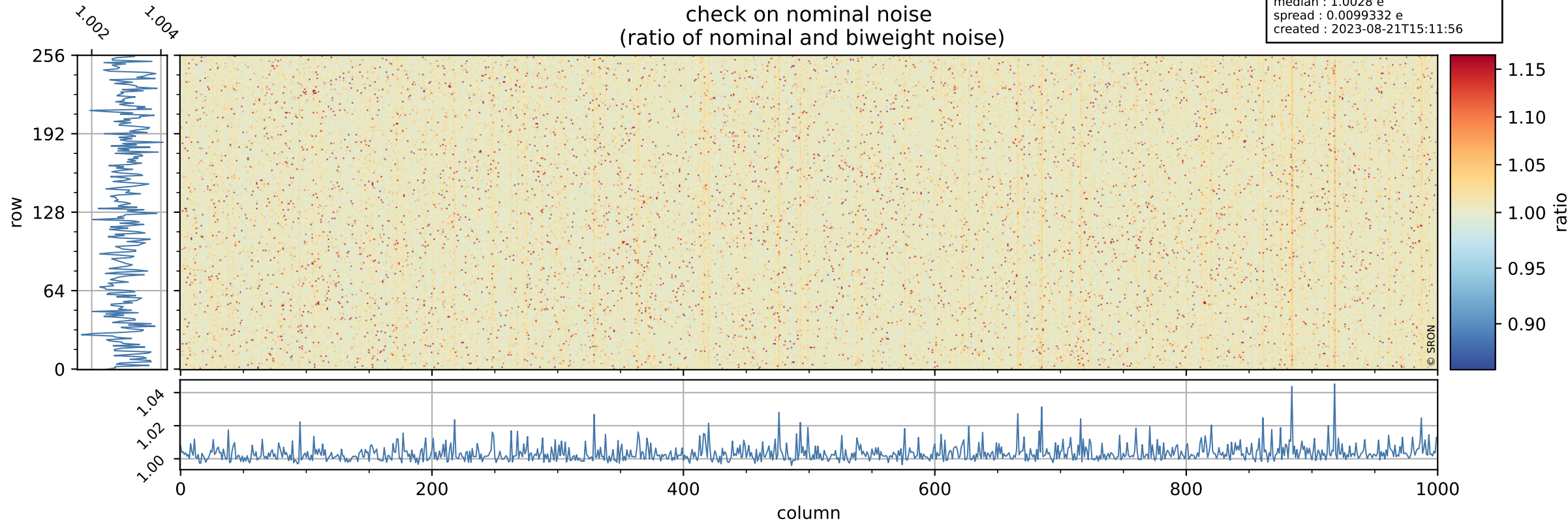
orbits : 13 in [10327, 10417]
coverage : 2019-10-11 / 2019-10-17
median : 0.99768 e
spread : 0.0058677 e
created : 2023-08-21T15:11:56



Tropomi SWIR background noise (swir)

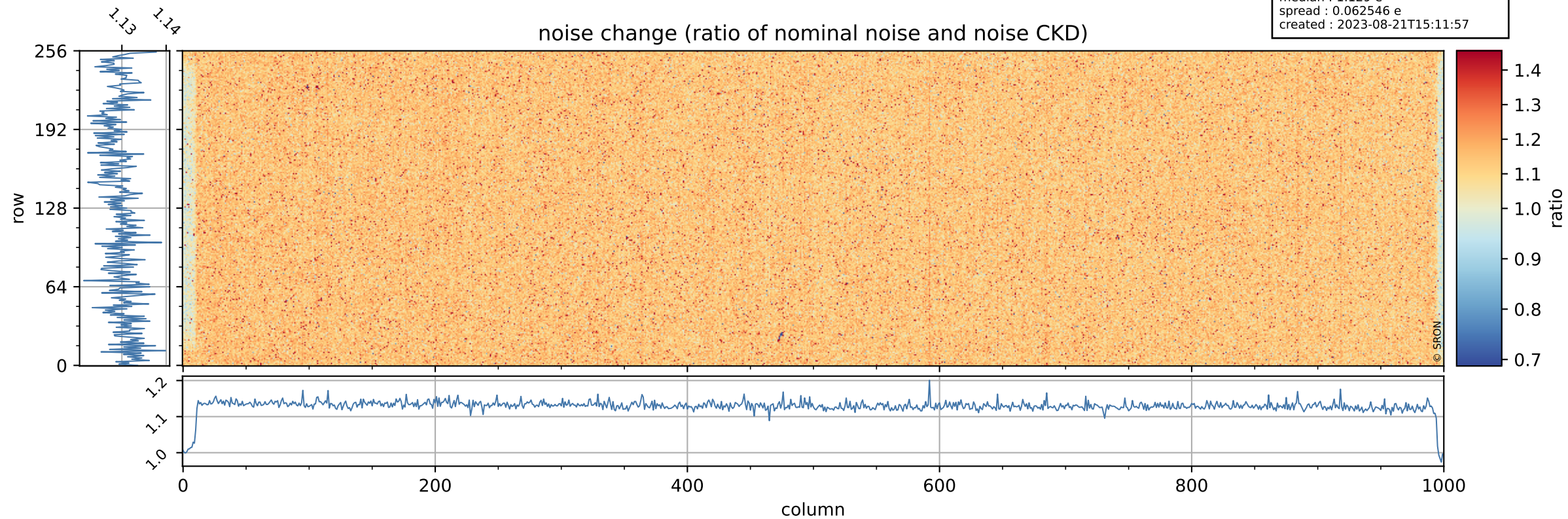
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [10327, 10417]
coverage : 2019-10-11 / 2019-10-17
median : 1.0028 e
spread : 0.0099332 e
created : 2023-08-21T15:11:56



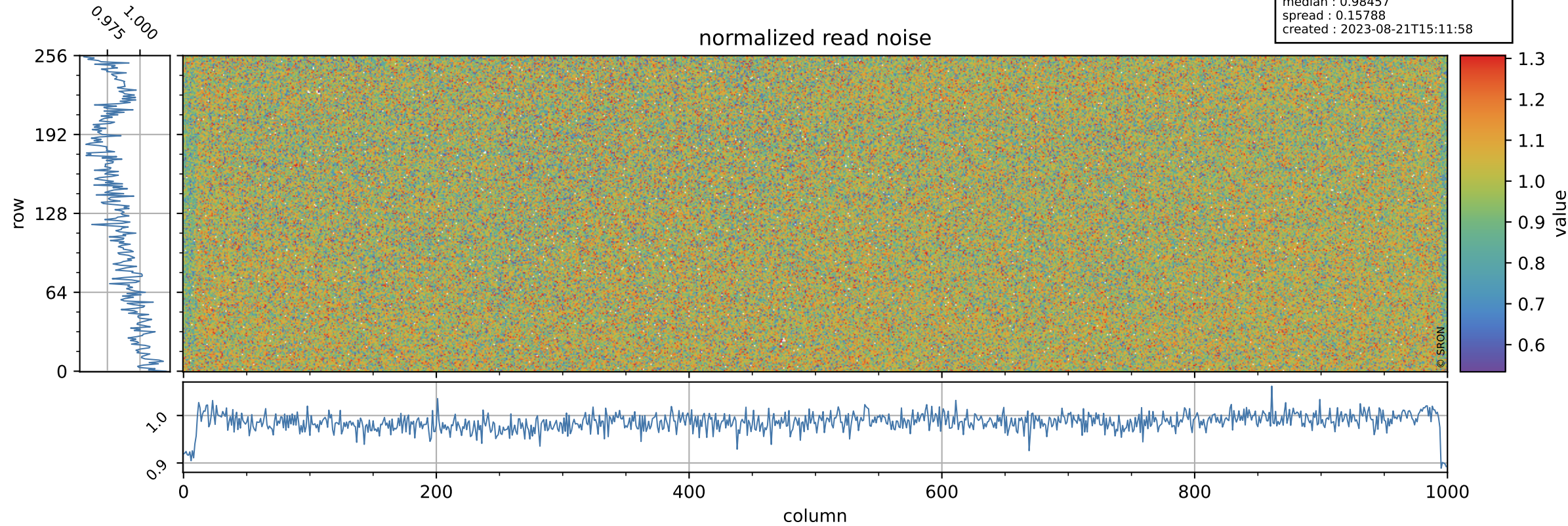
Tropomi SWIR background noise (swir)

orbits : 13 in [10327, 10417]
coverage : 2019-10-11 / 2019-10-17
median : 1.129 e
spread : 0.062546 e
created : 2023-08-21T15:11:57



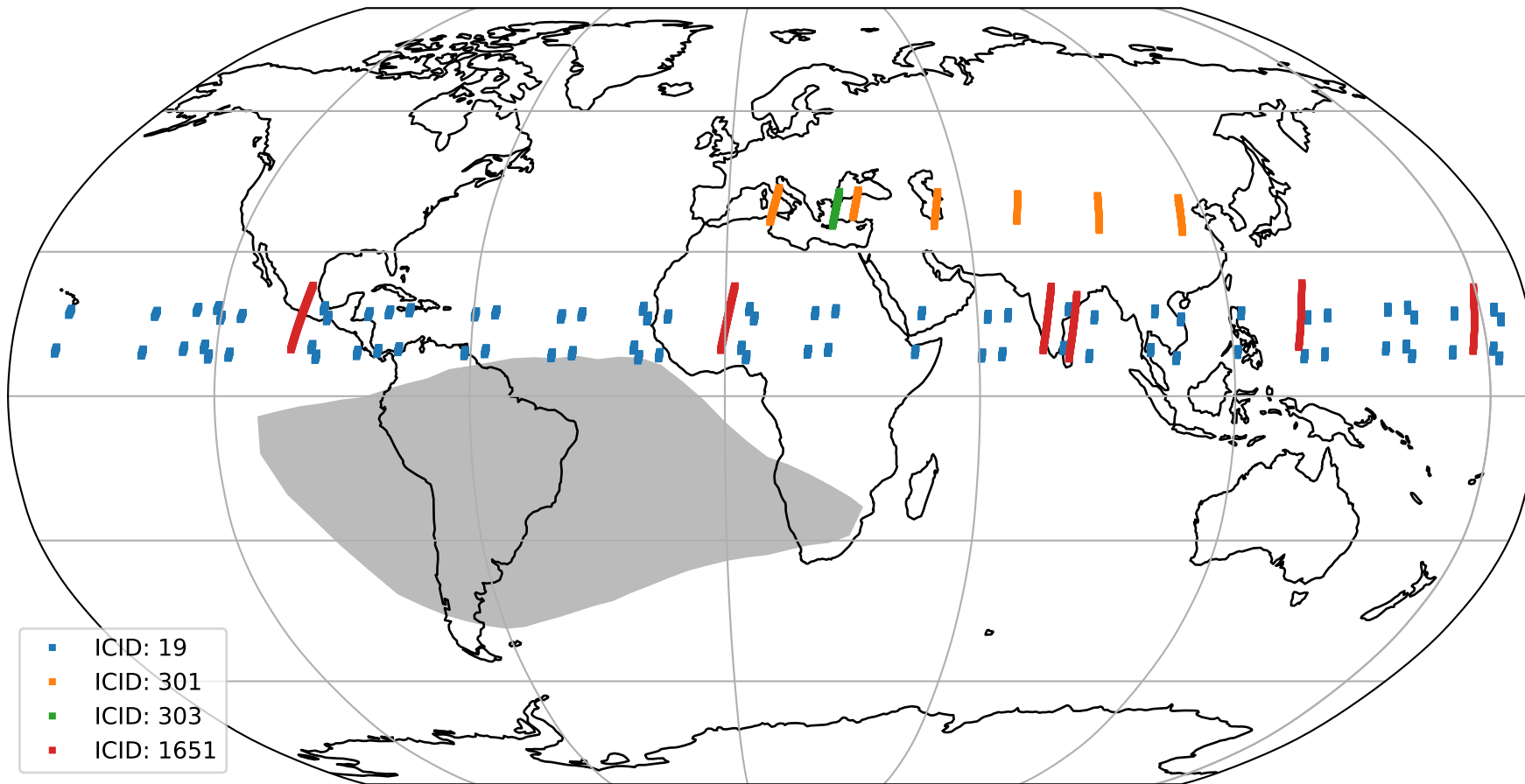
Tropomi SWIR background noise (swir)

orbits : 13 in [10327, 10417]
coverage : 2019-10-11 / 2019-10-17
median : 0.98457
spread : 0.15788
created : 2023-08-21T15:11:58



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

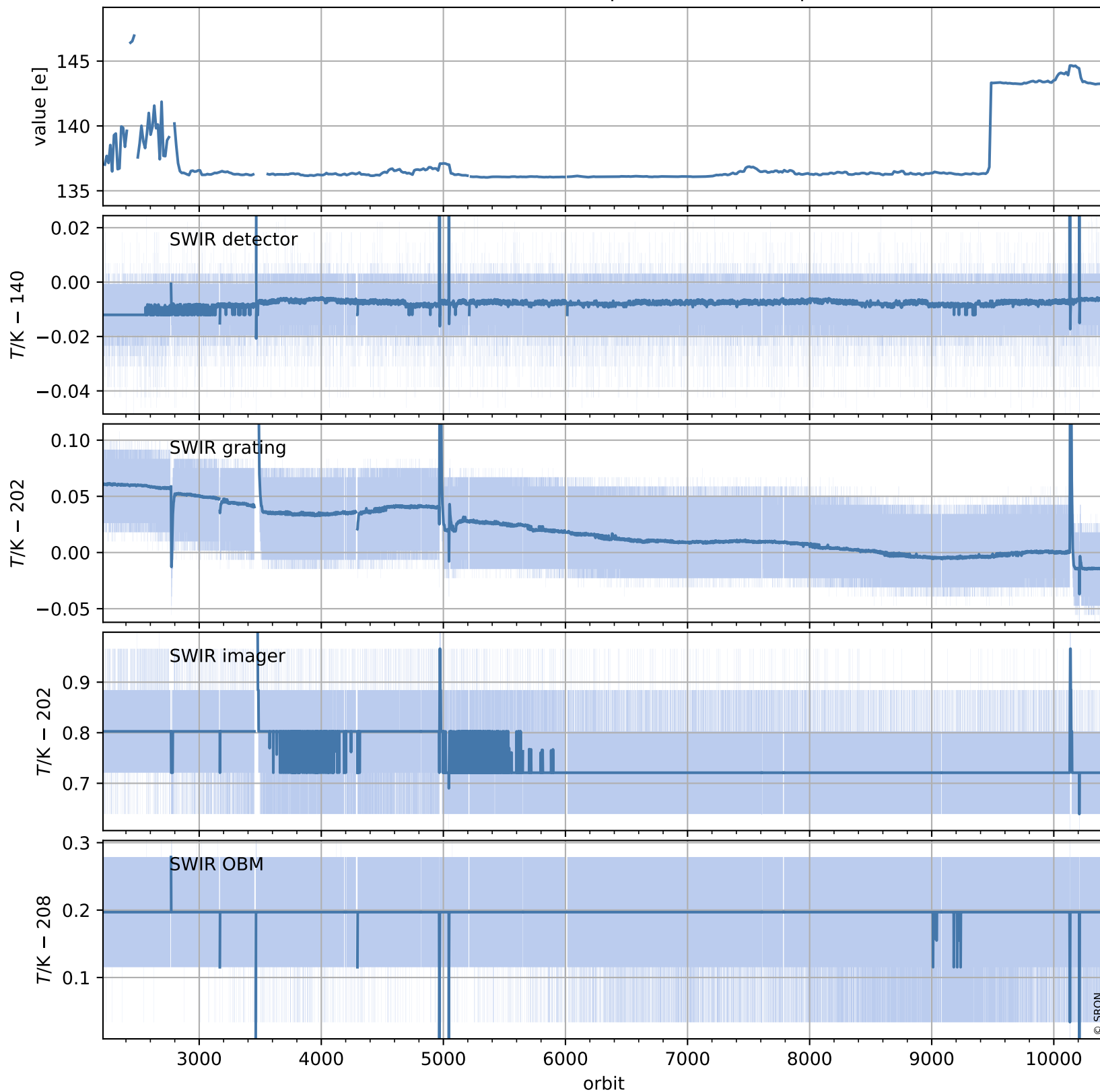
orbits : 13 in [10327, 10417]
coverage : 2019-10-11 / 2019-10-17
created : 2023-08-21T15:11:58



Tropomi SWIR background noise (swir)

orbits : [2212, 10417]
coverage : 2018-03-18 / 2019-10-17
created : 2023-08-21T15:11:58

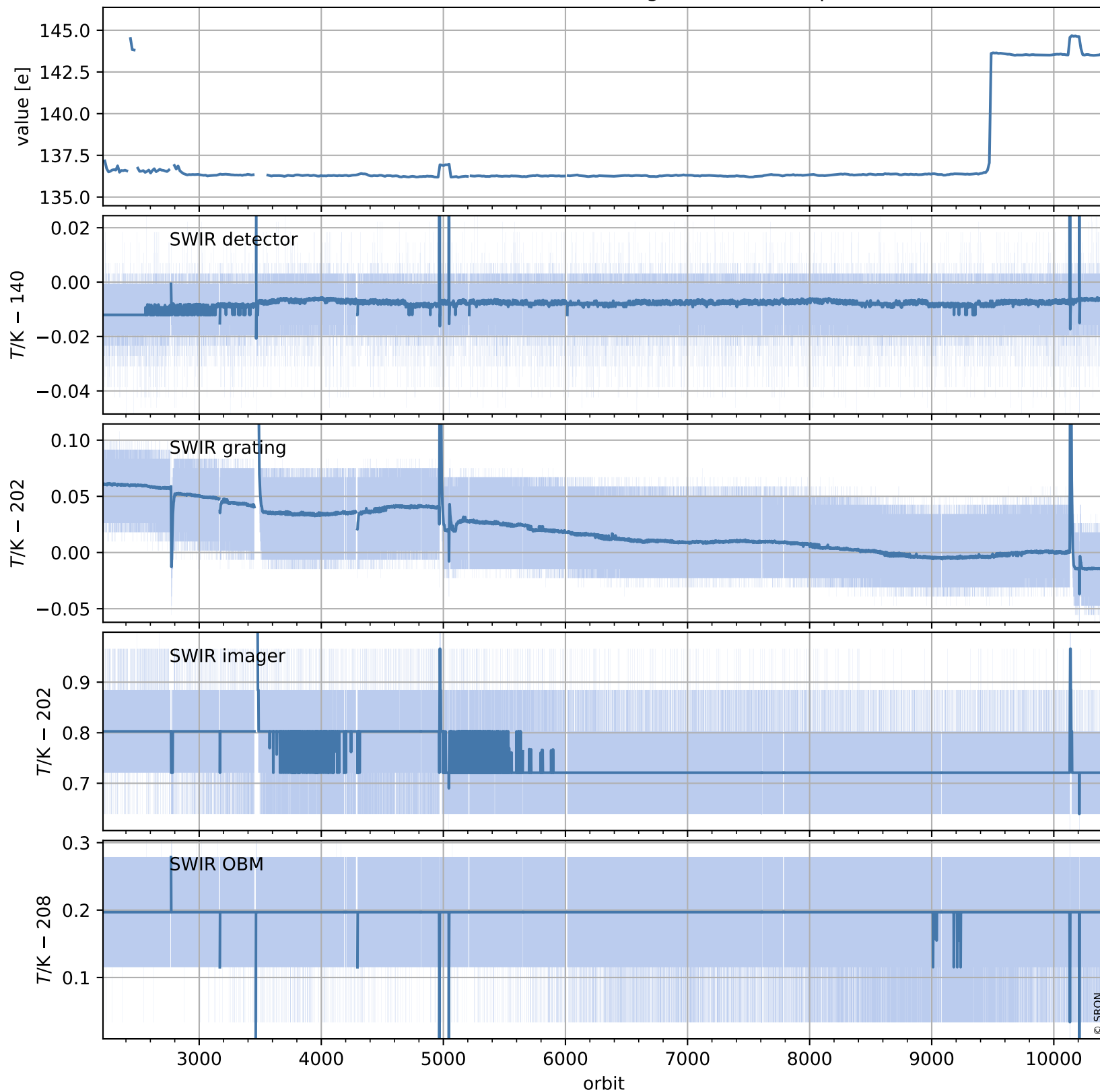
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10417]
coverage : 2018-03-18 / 2019-10-17
created : 2023-08-21T15:11:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10417]
coverage : 2018-03-18 / 2019-10-17
created : 2023-08-21T15:12:00

trend of normalized read-noise & temperatures

