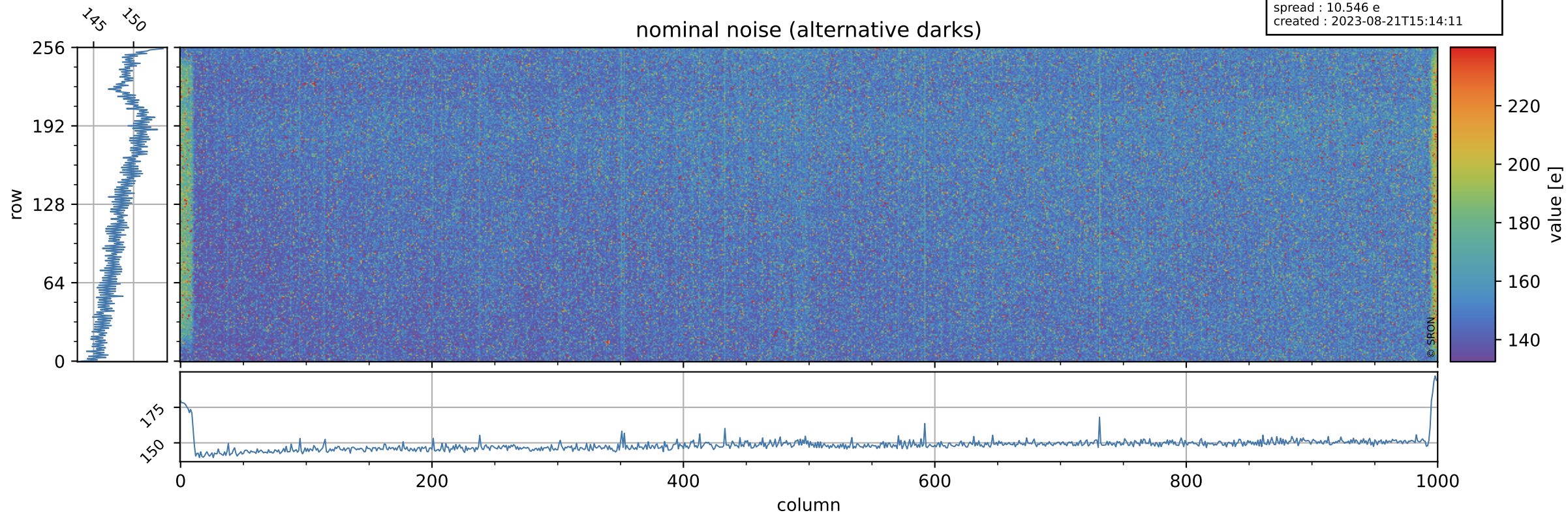


Tropomi SWIR background noise (swir)

orbits : 12 in [10612, 10702]
coverage : 2019-10-31 / 2019-11-06
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.546 e
created : 2023-08-21T15:14:11

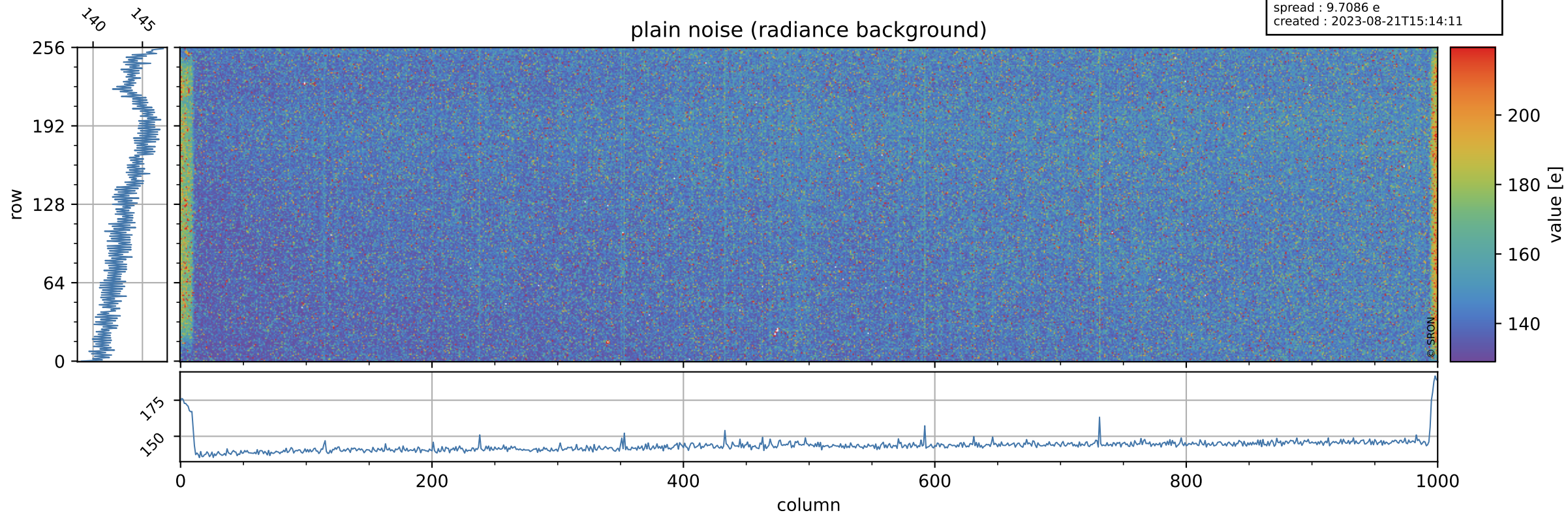
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10612, 10702]
coverage : 2019-10-31 / 2019-11-06
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7086 e
created : 2023-08-21T15:14:11

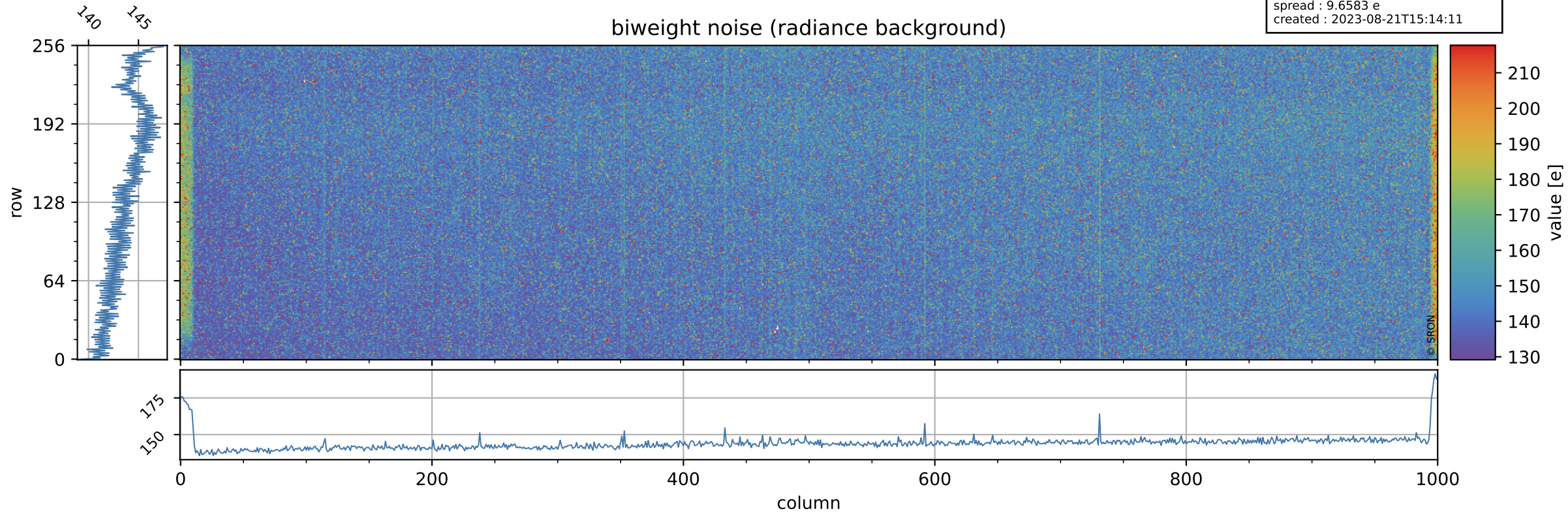
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10612, 10702]
coverage : 2019-10-31 / 2019-11-06
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 9.6583 e
created : 2023-08-21T15:14:11

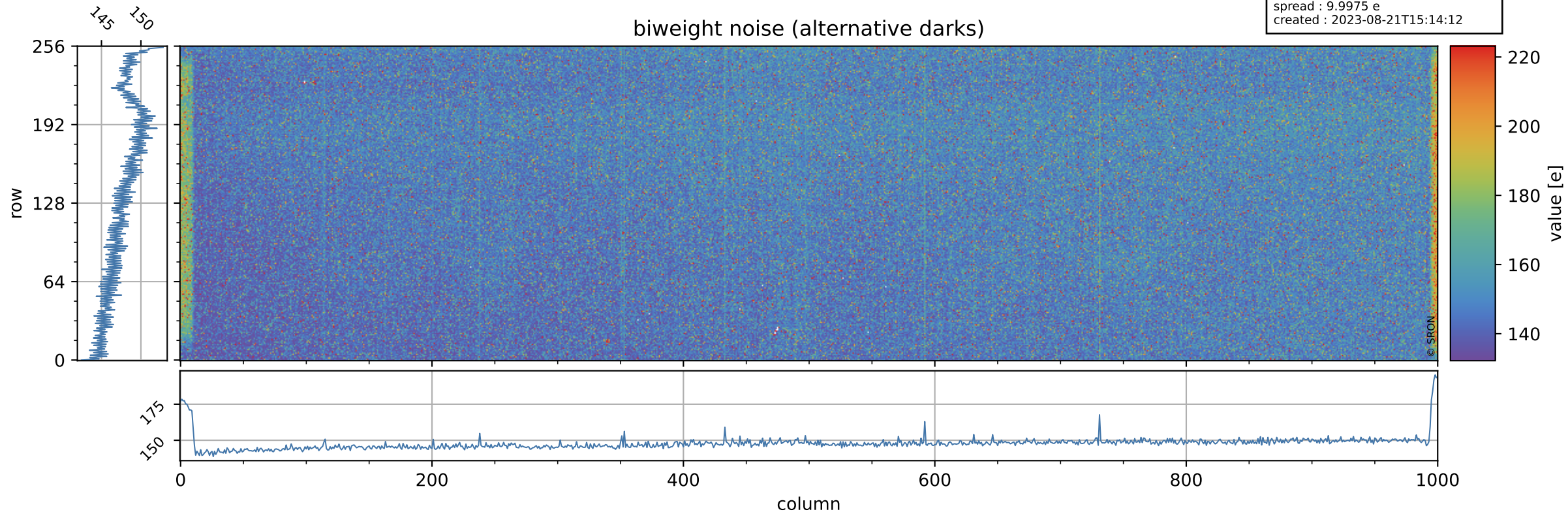
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10612, 10702]
coverage : 2019-10-31 / 2019-11-06
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.9975 e
created : 2023-08-21T15:14:12

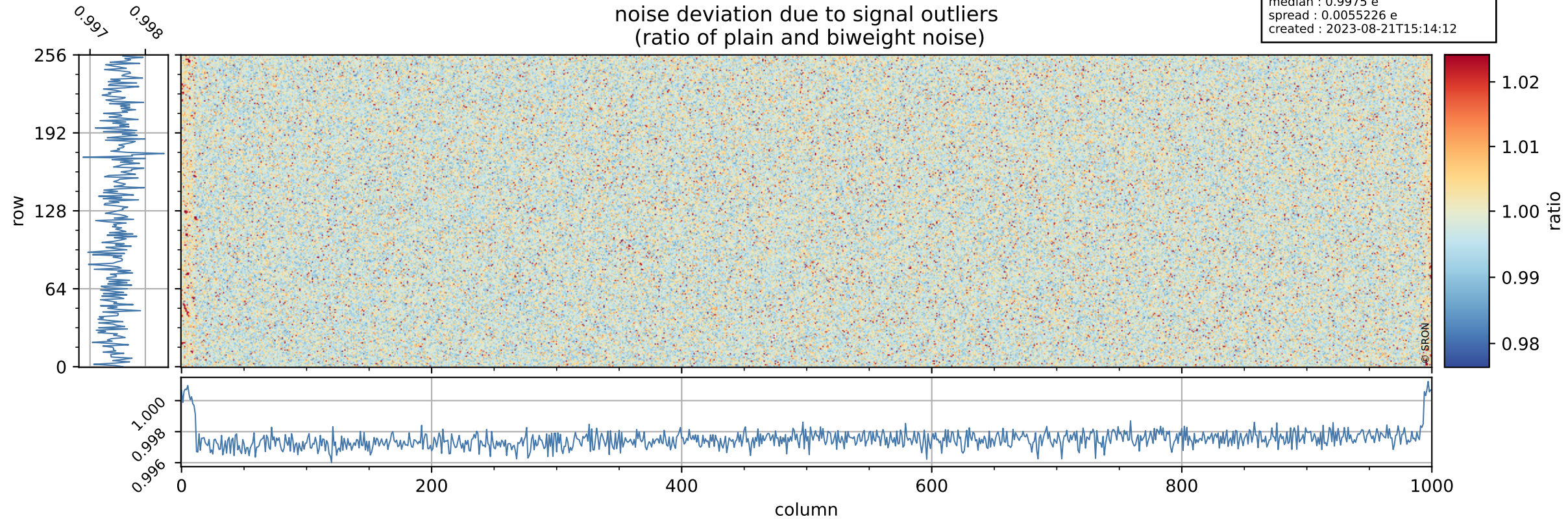
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

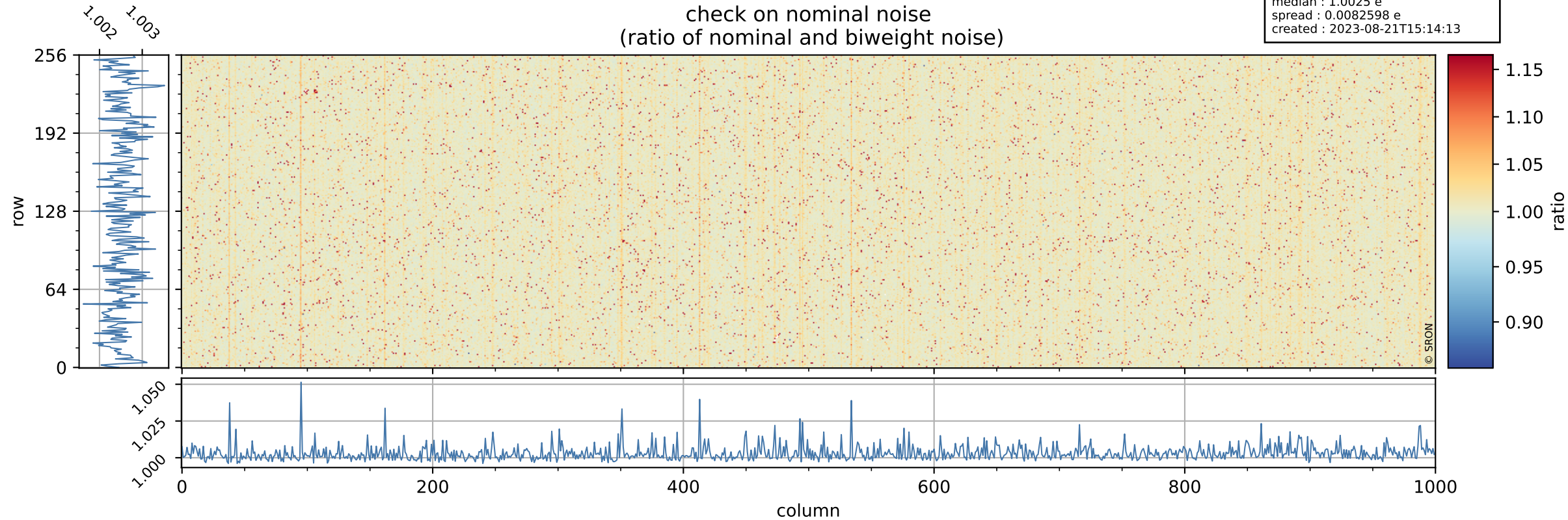
orbits : 12 in [10612, 10702]
coverage : 2019-10-31 / 2019-11-06
median : 0.9975 e
spread : 0.0055226 e
created : 2023-08-21T15:14:12



Tropomi SWIR background noise (swir)

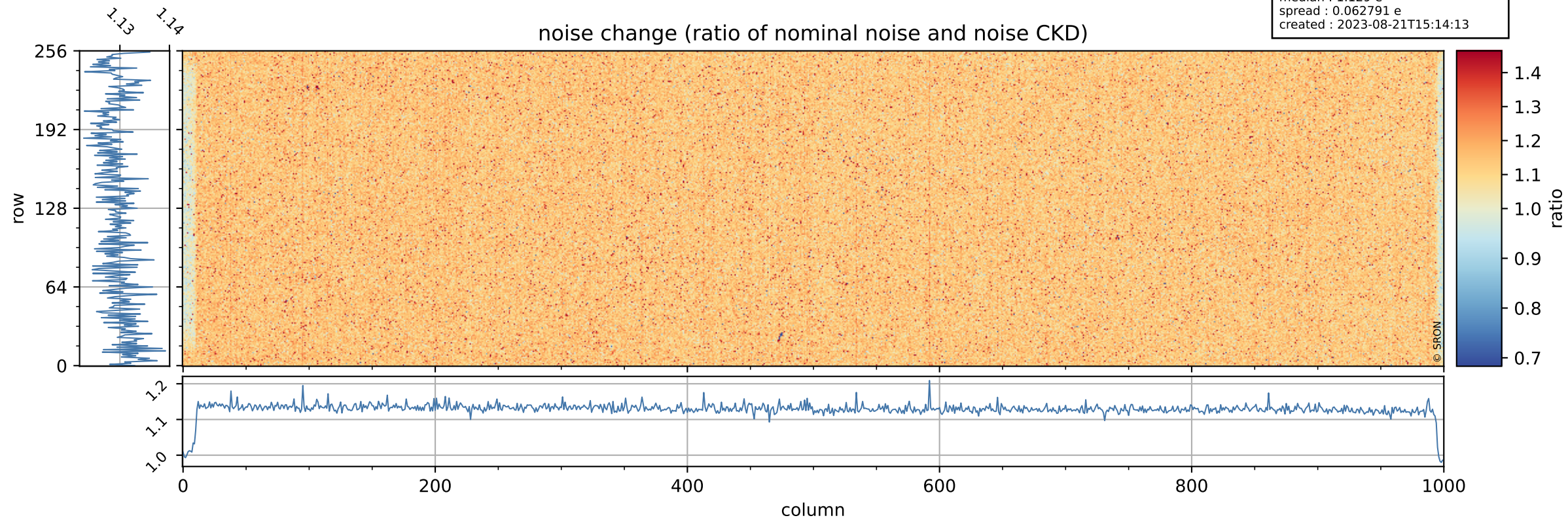
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10612, 10702]
coverage : 2019-10-31 / 2019-11-06
median : 1.0025 e
spread : 0.0082598 e
created : 2023-08-21T15:14:13



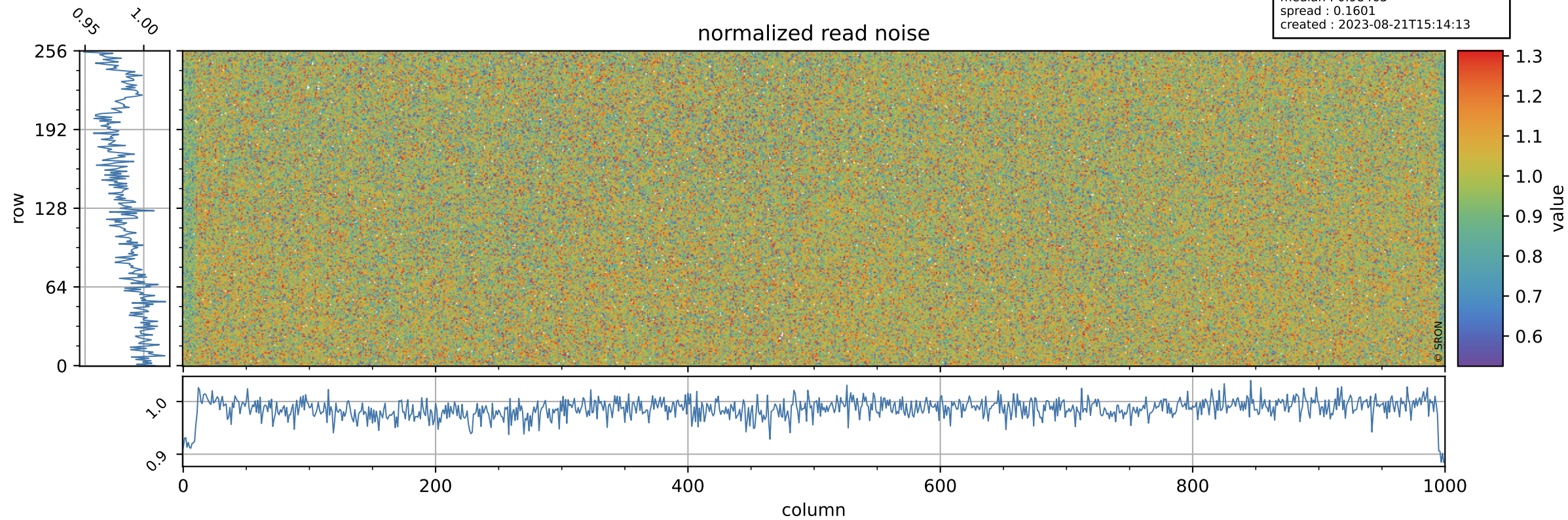
Tropomi SWIR background noise (swir)

orbits : 12 in [10612, 10702]
coverage : 2019-10-31 / 2019-11-06
median : 1.129 e
spread : 0.062791 e
created : 2023-08-21T15:14:13



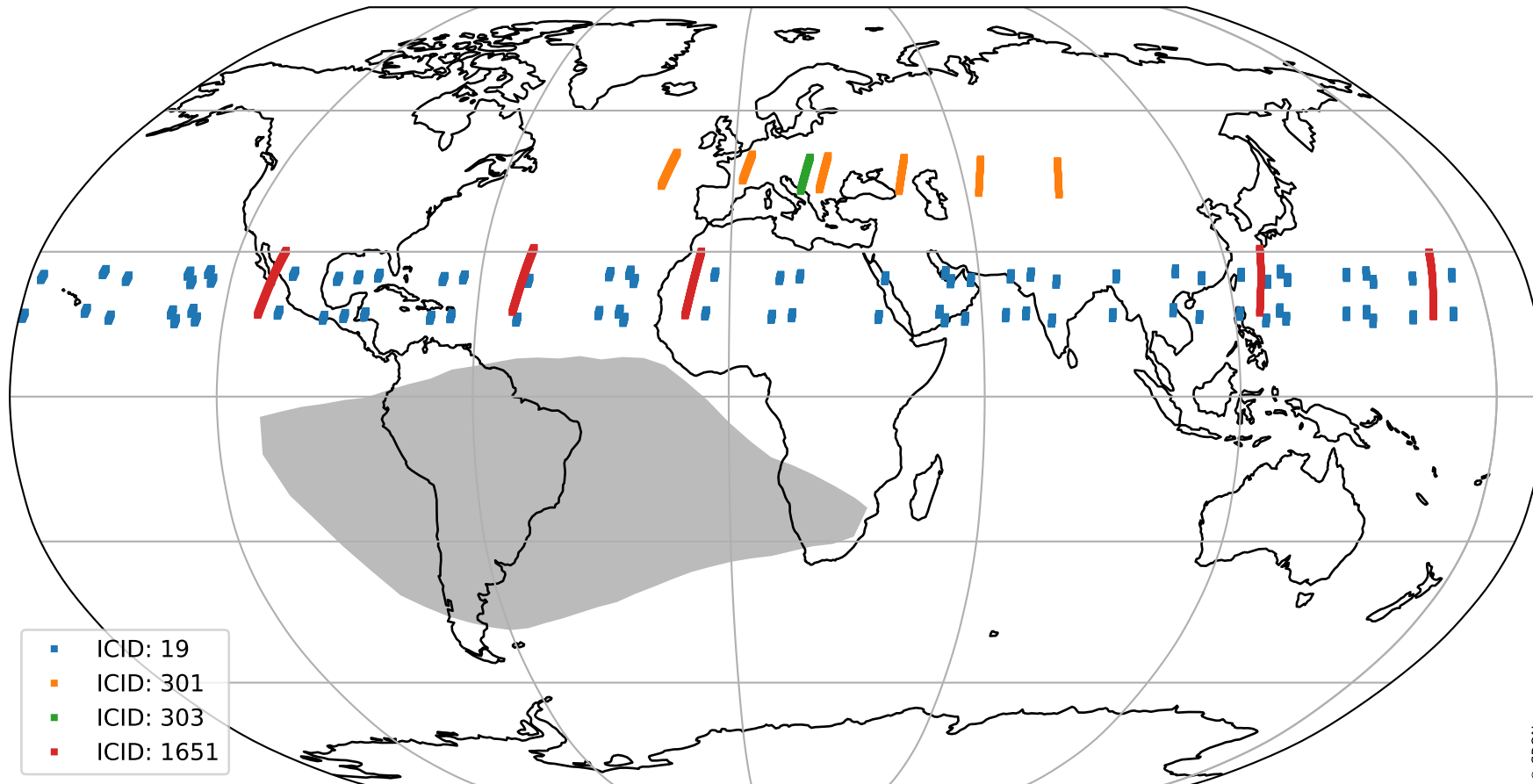
Tropomi SWIR background noise (swir)

orbits : 12 in [10612, 10702]
coverage : 2019-10-31 / 2019-11-06
median : 0.98463
spread : 0.1601
created : 2023-08-21T15:14:13



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

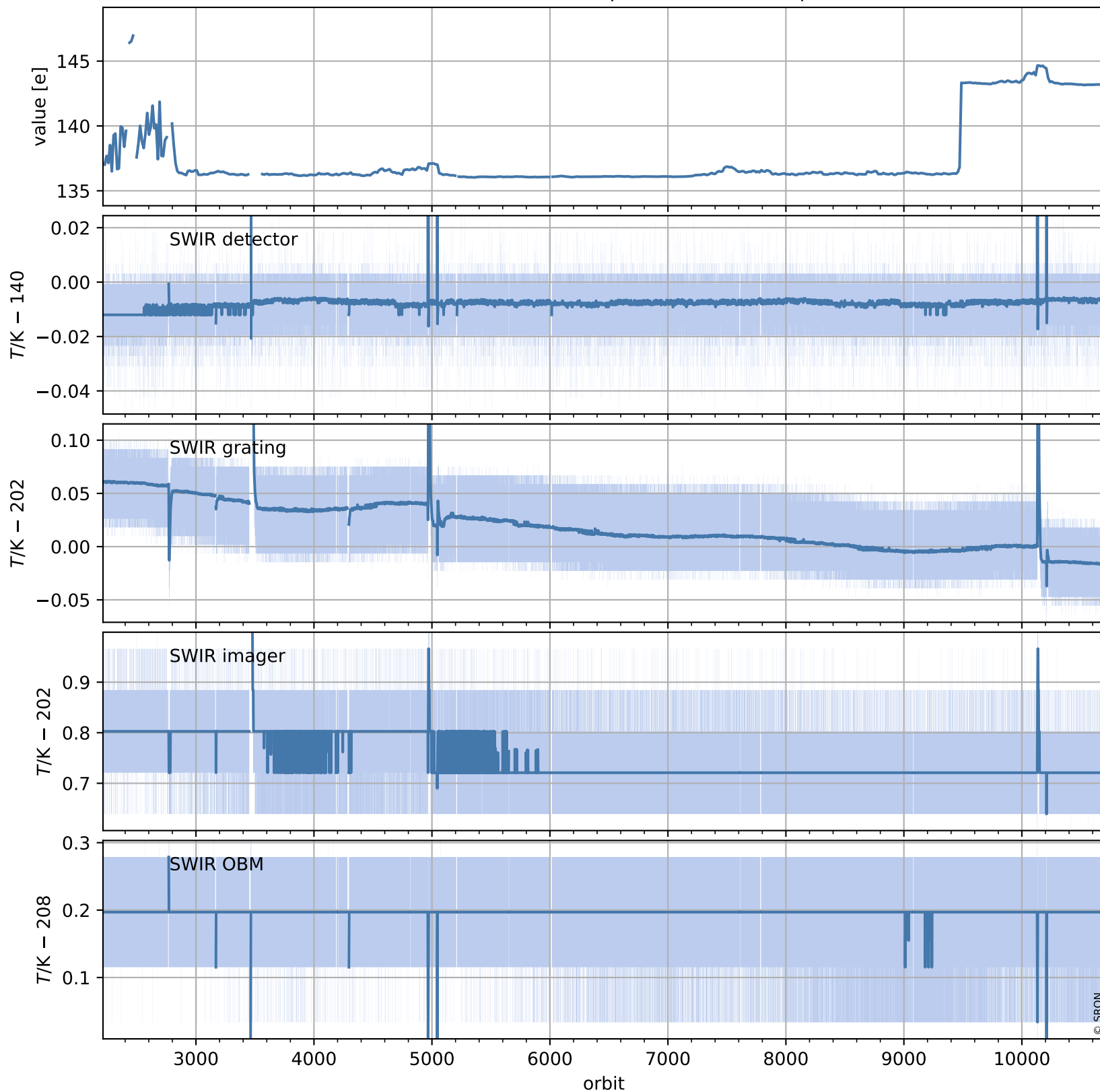
orbits : 12 in [10612, 10702]
coverage : 2019-10-31 / 2019-11-06
created : 2023-08-21T15:14:14



Tropomi SWIR background noise (swir)

orbits : [2212, 10702]
coverage : 2018-03-18 / 2019-11-06
created : 2023-08-21T15:14:14

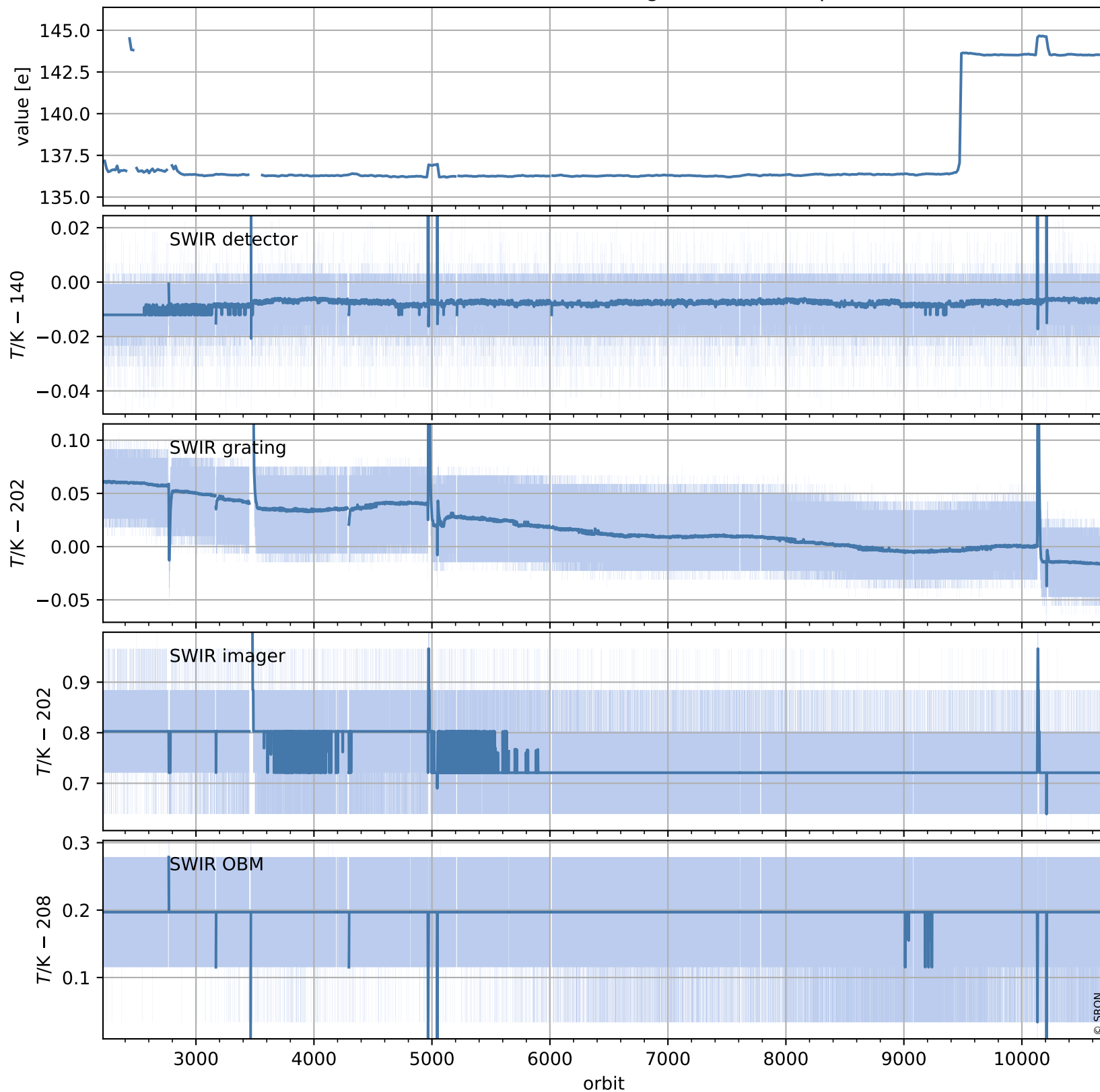
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10702]
coverage : 2018-03-18 / 2019-11-06
created : 2023-08-21T15:14:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10702]
coverage : 2018-03-18 / 2019-11-06
created : 2023-08-21T15:14:16

trend of normalized read-noise & temperatures

