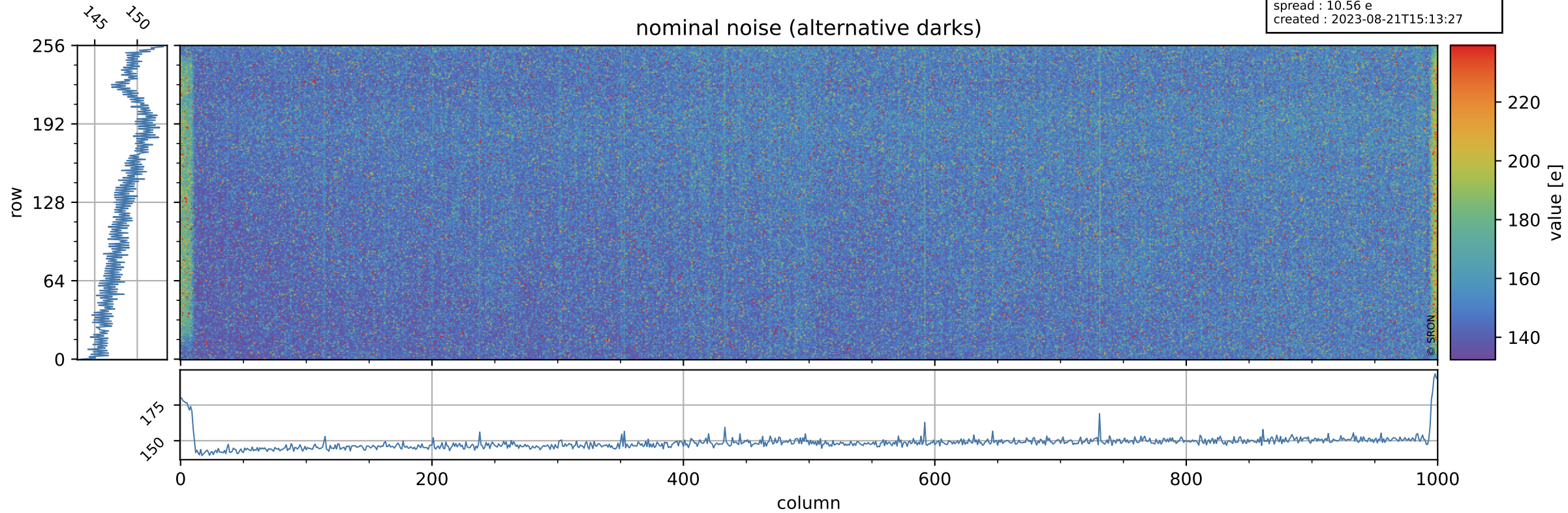


Tropomi SWIR background noise (swir)

orbits : 12 in [10522, 10612]
coverage : 2019-10-25 / 2019-10-30
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.56 e
created : 2023-08-21T15:13:27

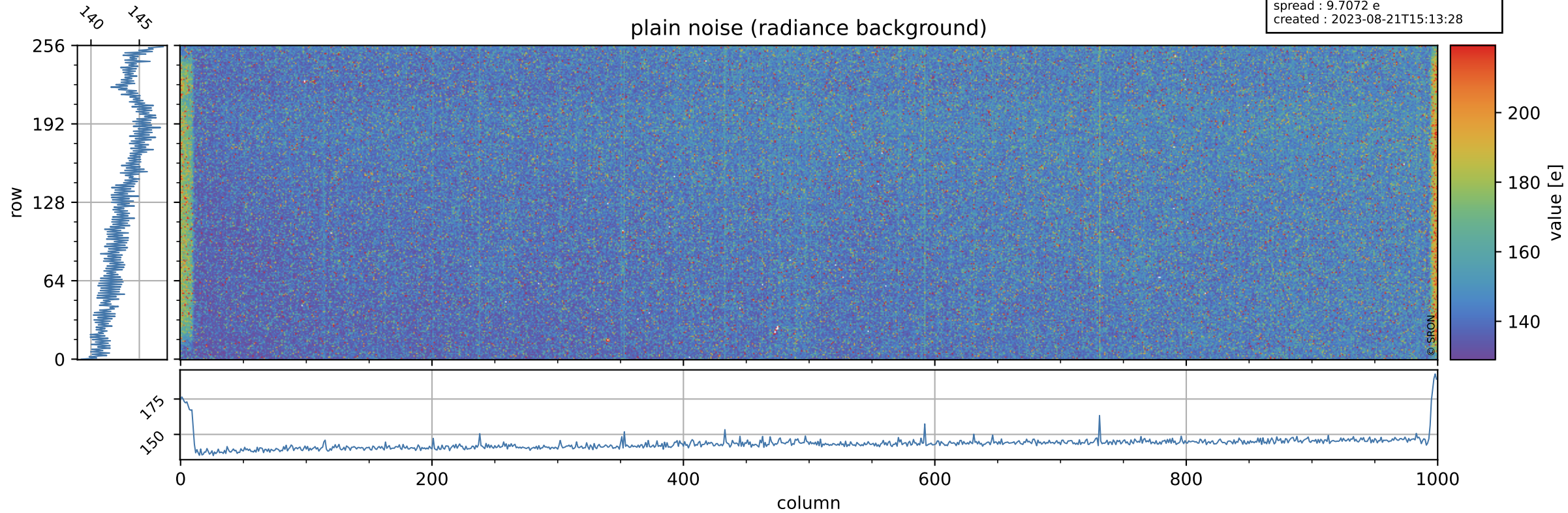
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10522, 10612]
coverage : 2019-10-25 / 2019-10-30
n_coad, t_exp : 1, 0.8383
median : 143.33 e
spread : 9.7072 e
created : 2023-08-21T15:13:28

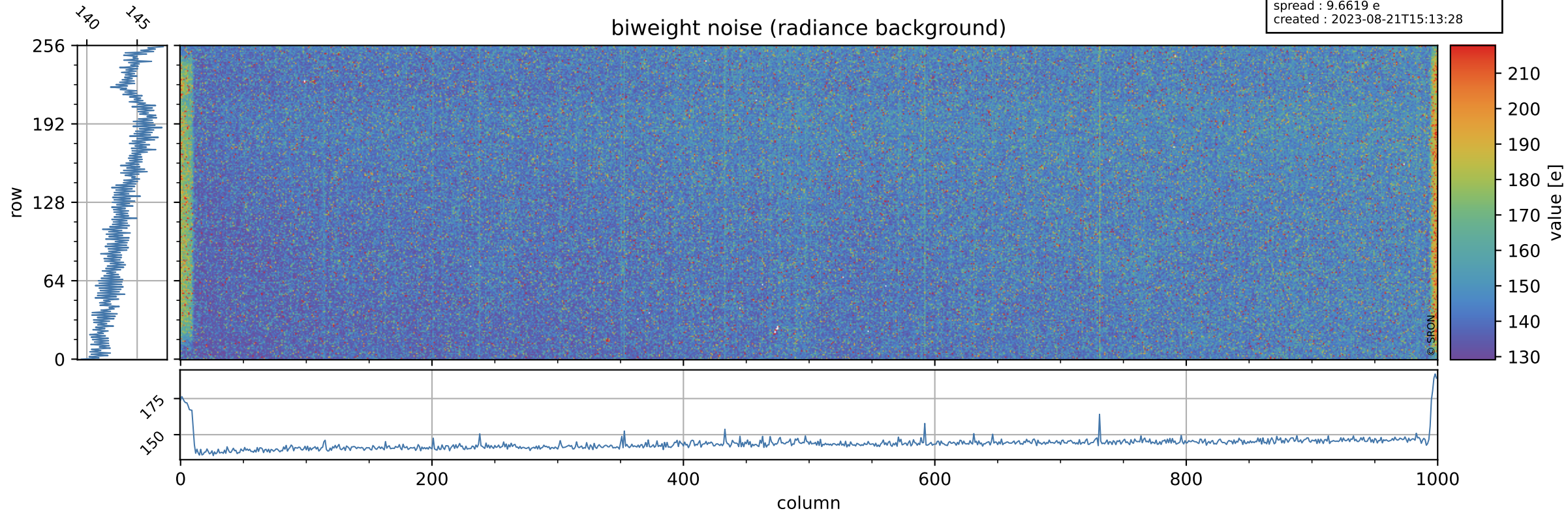
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10522, 10612]
coverage : 2019-10-25 / 2019-10-30
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.6619 e
created : 2023-08-21T15:13:28

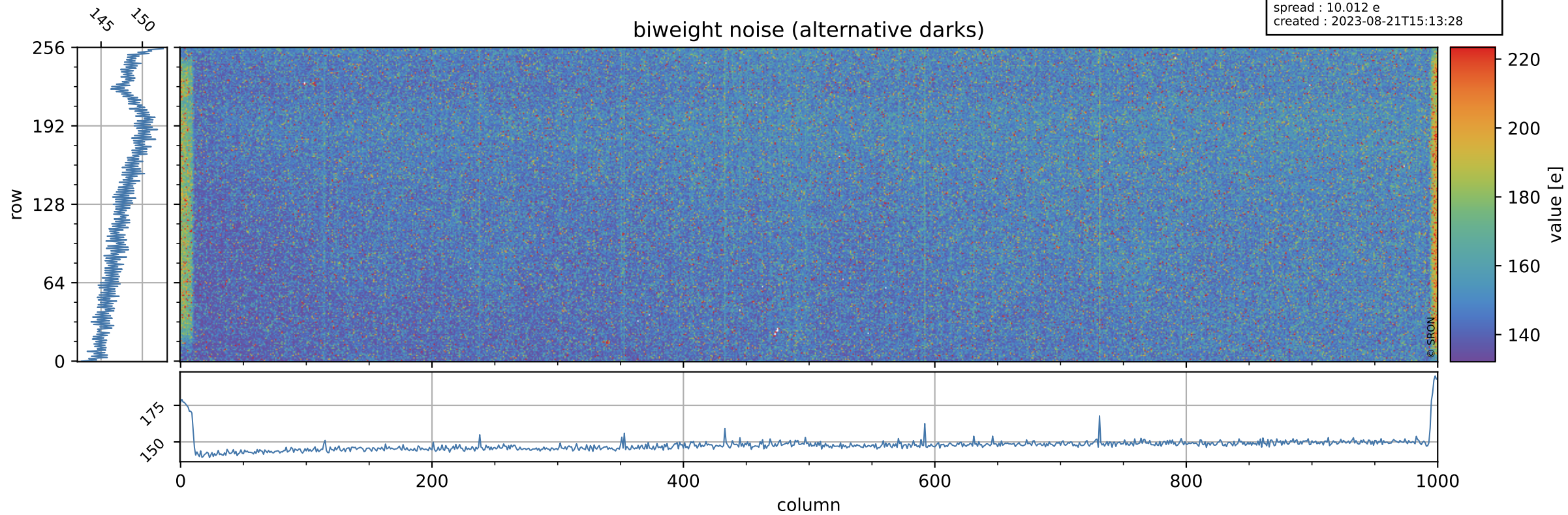
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10522, 10612]
coverage : 2019-10-25 / 2019-10-30
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.012 e
created : 2023-08-21T15:13:28

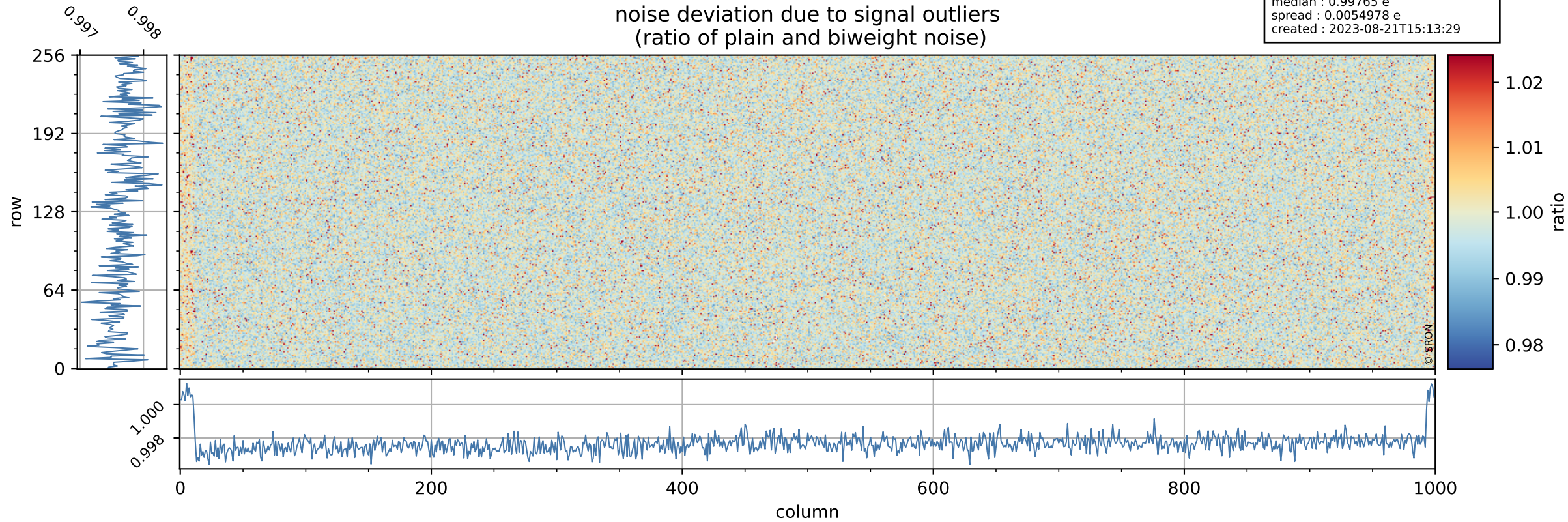
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

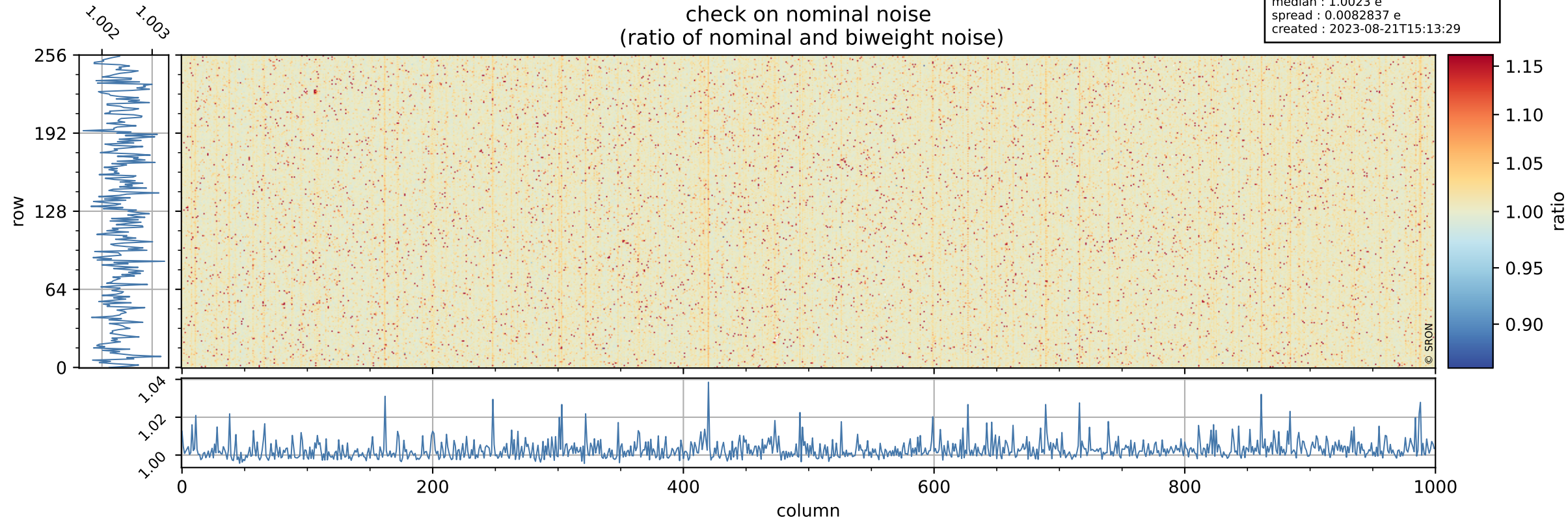
orbits : 12 in [10522, 10612]
coverage : 2019-10-25 / 2019-10-30
median : 0.99765 e
spread : 0.0054978 e
created : 2023-08-21T15:13:29



Tropomi SWIR background noise (swir)

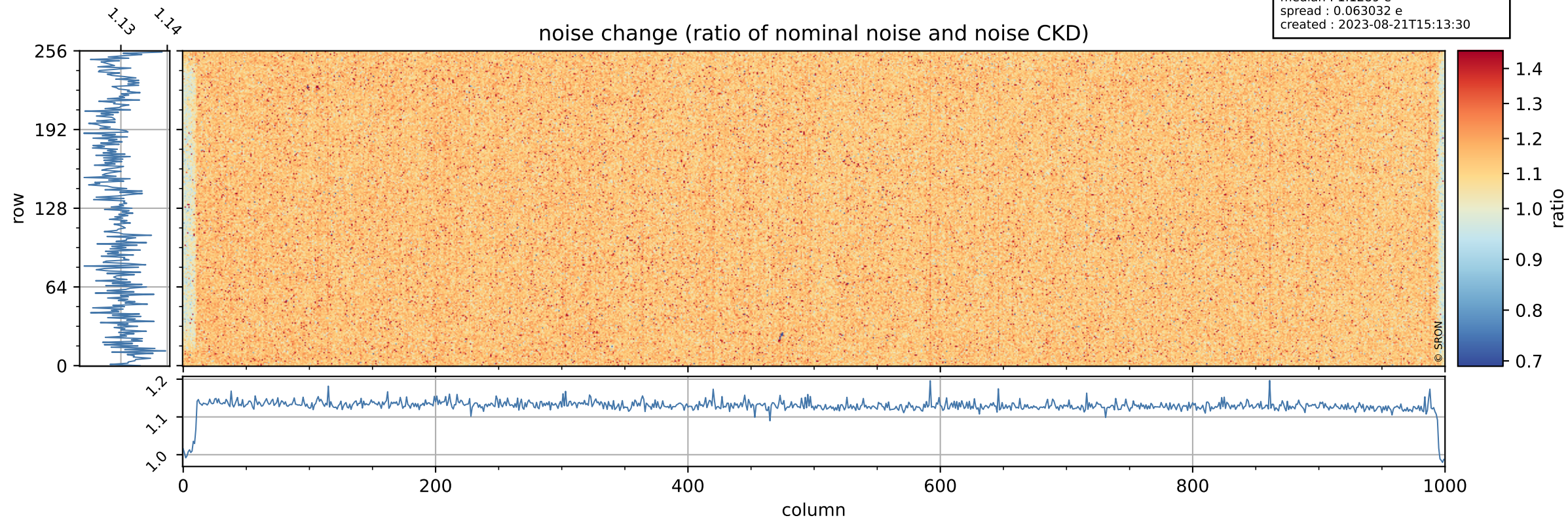
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10522, 10612]
coverage : 2019-10-25 / 2019-10-30
median : 1.0023 e
spread : 0.0082837 e
created : 2023-08-21T15:13:29



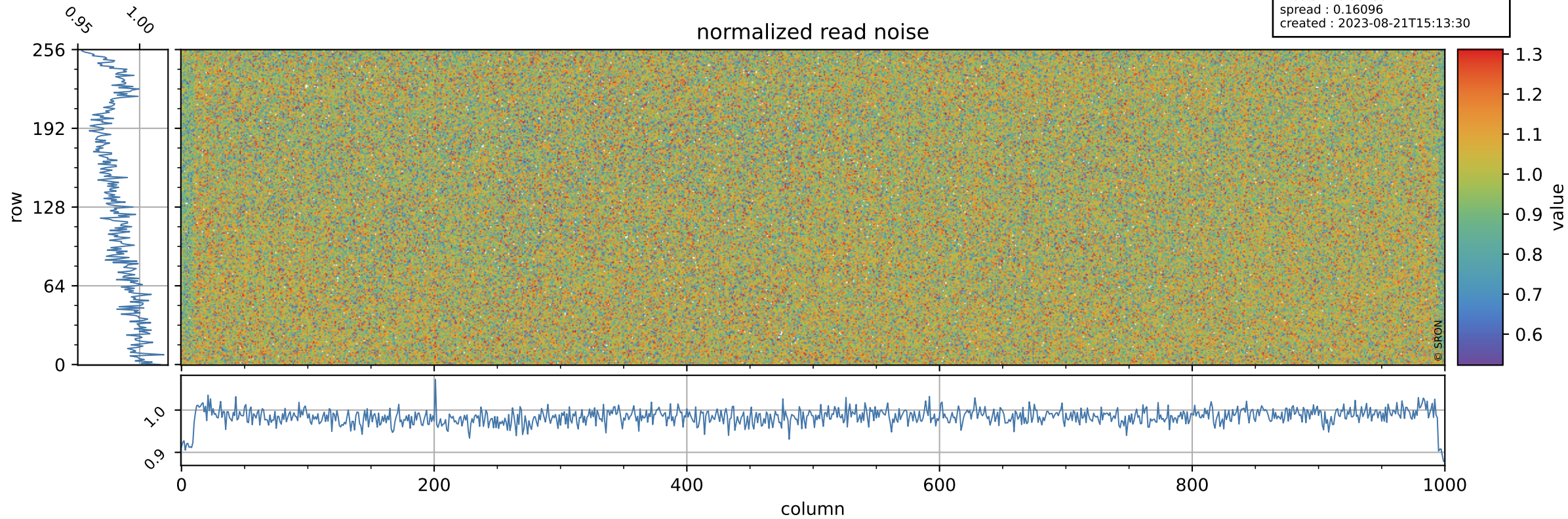
Tropomi SWIR background noise (swir)

orbits : 12 in [10522, 10612]
coverage : 2019-10-25 / 2019-10-30
median : 1.1289 e
spread : 0.063032 e
created : 2023-08-21T15:13:30



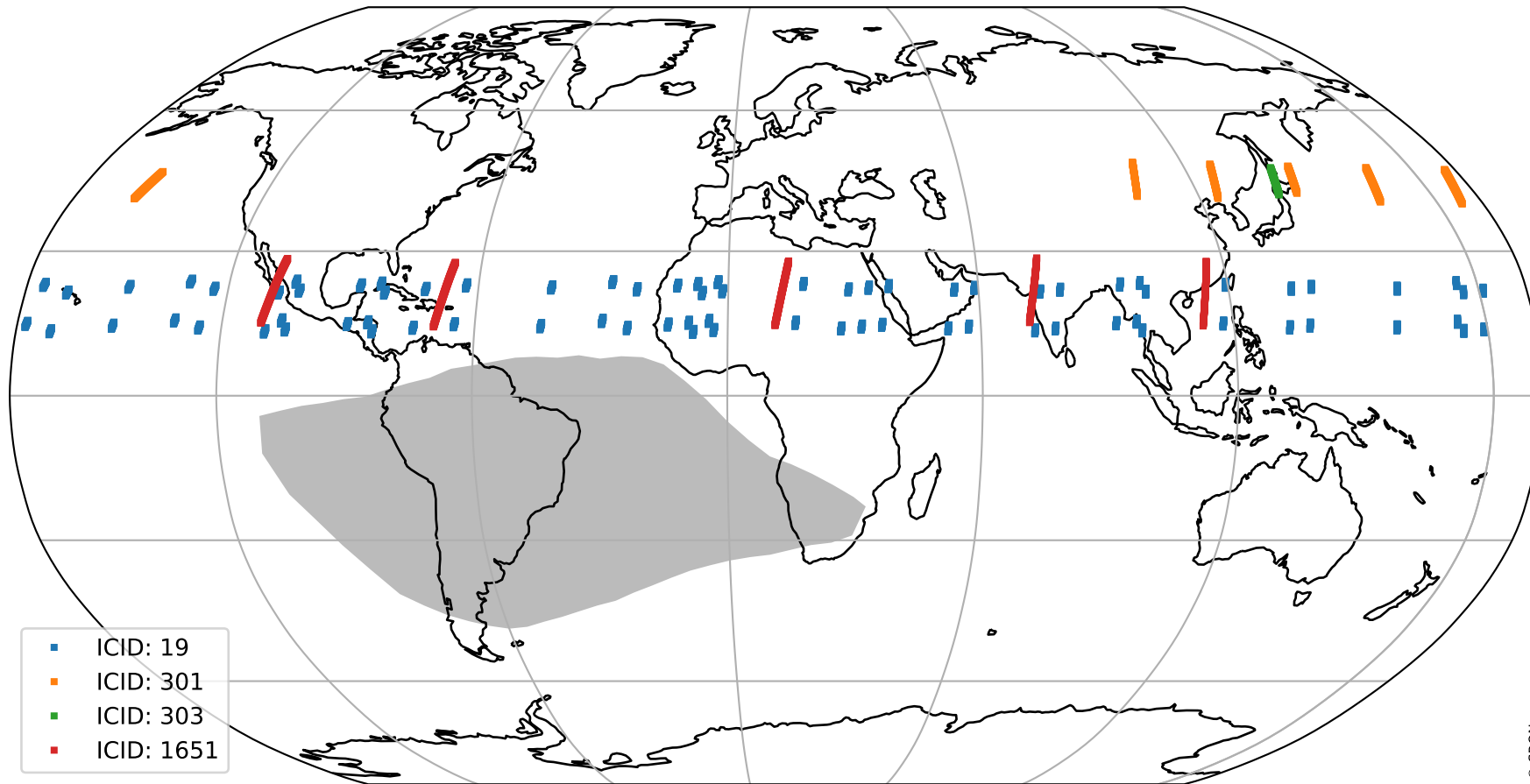
Tropomi SWIR background noise (swir)

orbits : 12 in [10522, 10612]
coverage : 2019-10-25 / 2019-10-30
median : 0.98258
spread : 0.16096
created : 2023-08-21T15:13:30



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

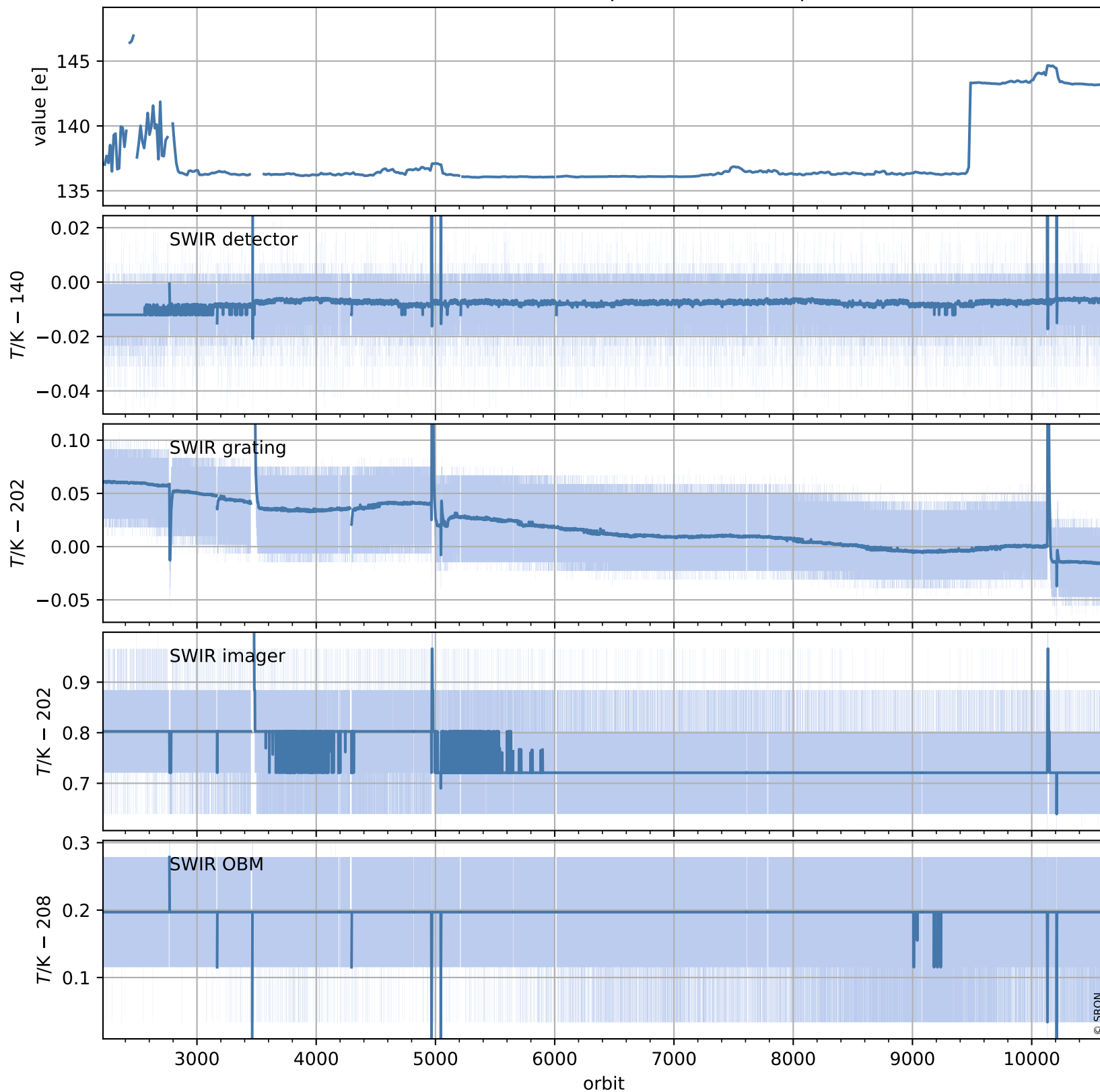
orbits : 12 in [10522, 10612]
coverage : 2019-10-25 / 2019-10-30
created : 2023-08-21T15:13:31



Tropomi SWIR background noise (swir)

orbits : [2212, 10612]
coverage : 2018-03-18 / 2019-10-30
created : 2023-08-21T15:13:31

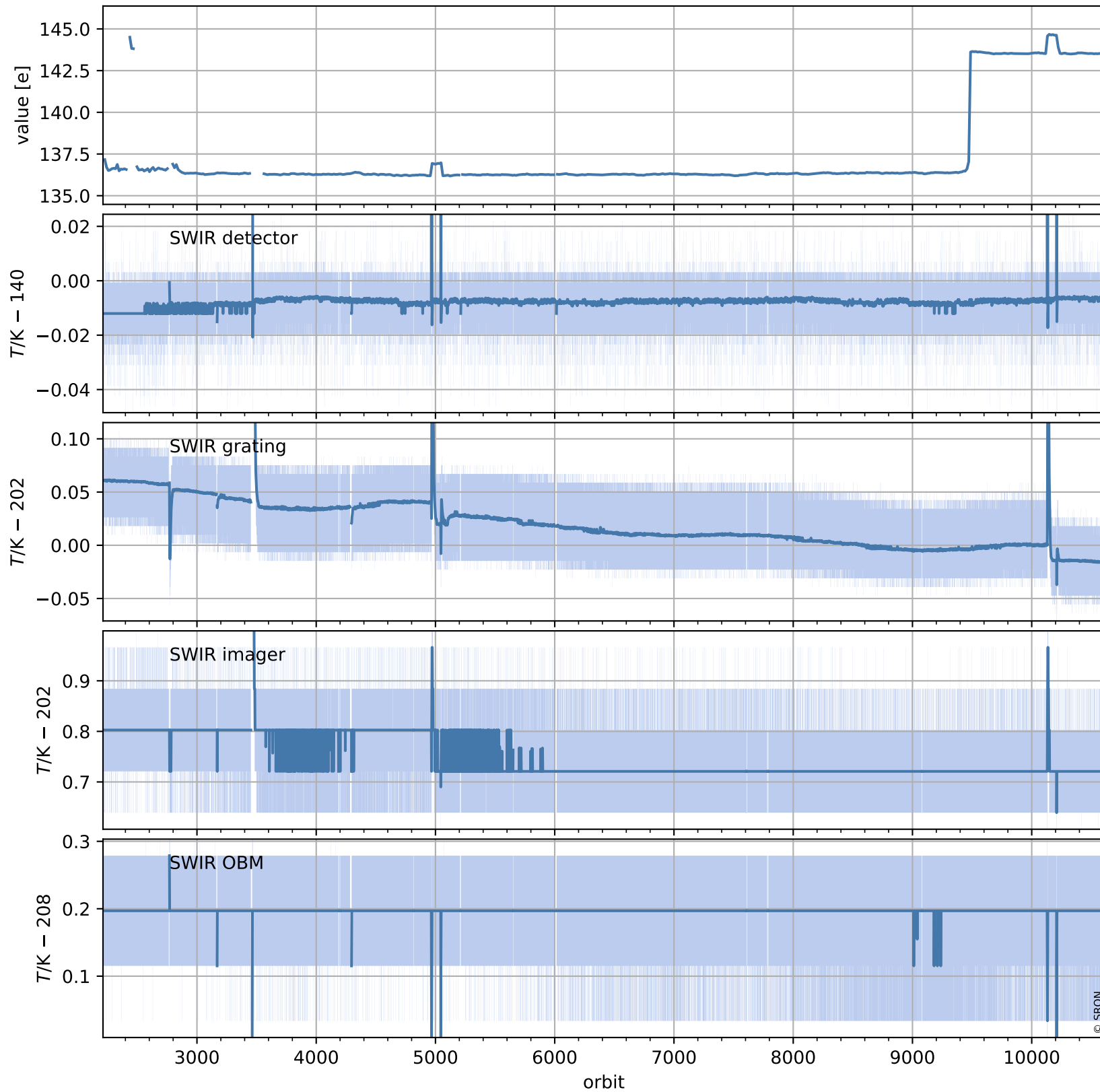
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10612]
coverage : 2018-03-18 / 2019-10-30
created : 2023-08-21T15:13:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10612]
coverage : 2018-03-18 / 2019-10-30
created : 2023-08-21T15:13:33

trend of normalized read-noise & temperatures

