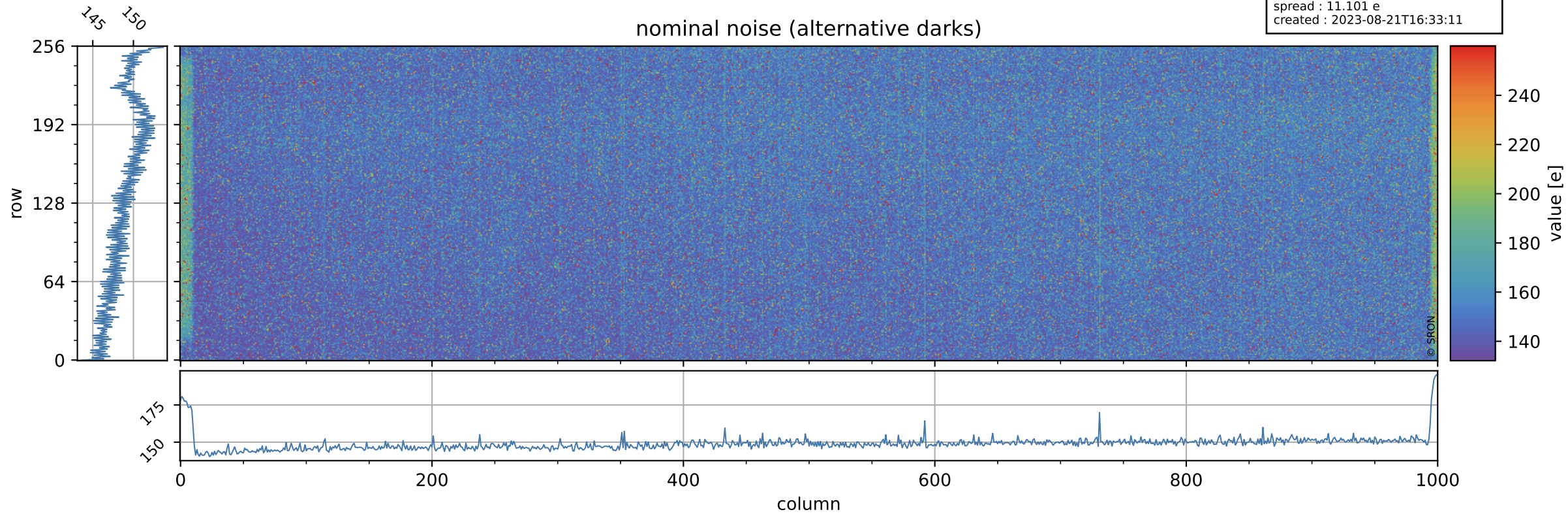


Tropomi SWIR background noise (swir)

orbits : 12 in [23797, 23887]
coverage : 2022-05-18 / 2022-05-24
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 11.101 e
created : 2023-08-21T16:33:11

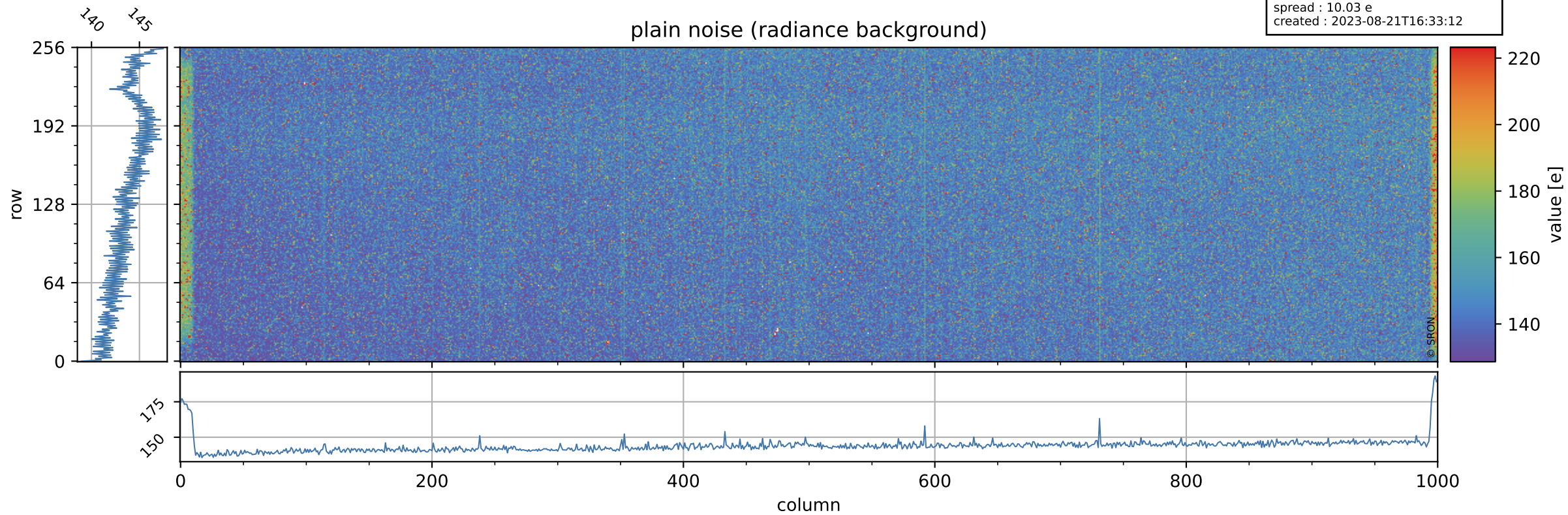
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23797, 23887]
coverage : 2022-05-18 / 2022-05-24
n_coad, t_exp : 1, 0.8383
median : 143.62 e
spread : 10.03 e
created : 2023-08-21T16:33:12

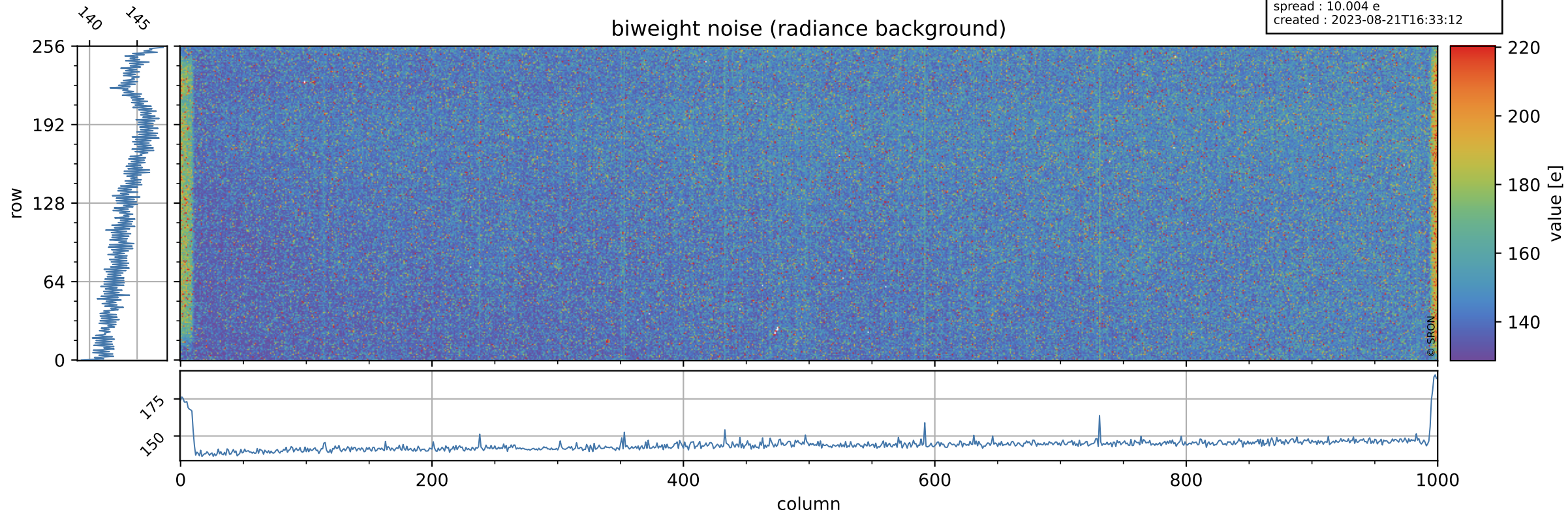
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23797, 23887]
coverage : 2022-05-18 / 2022-05-24
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 10.004 e
created : 2023-08-21T16:33:12

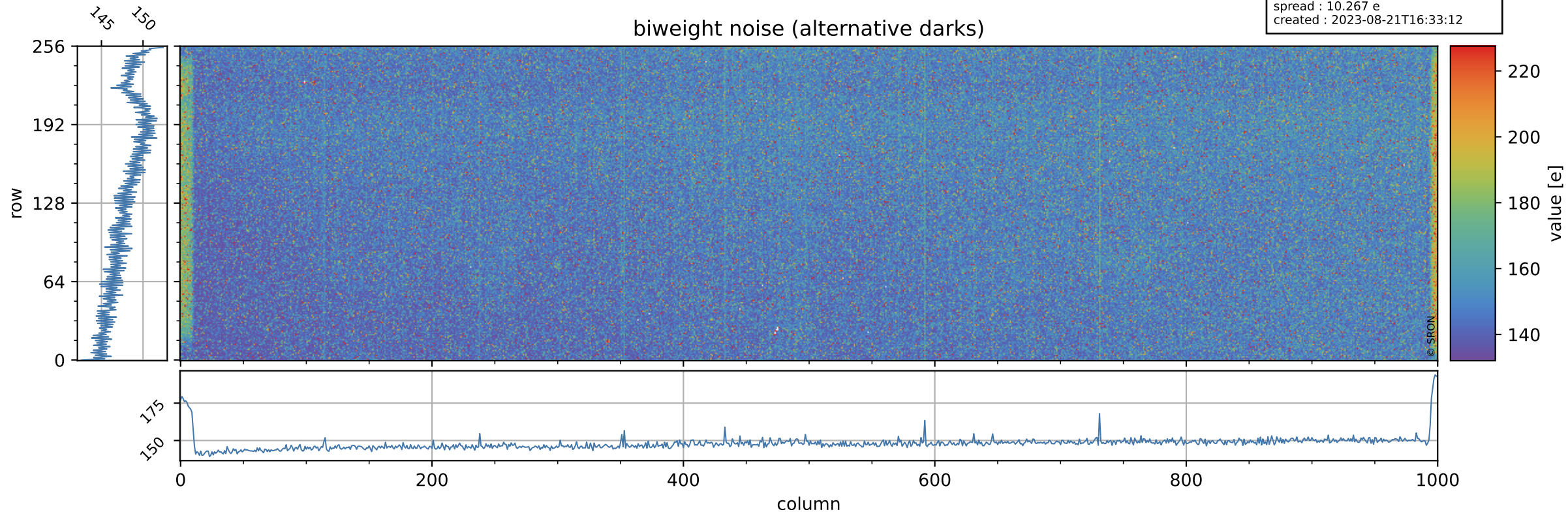
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23797, 23887]
coverage : 2022-05-18 / 2022-05-24
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.267 e
created : 2023-08-21T16:33:12

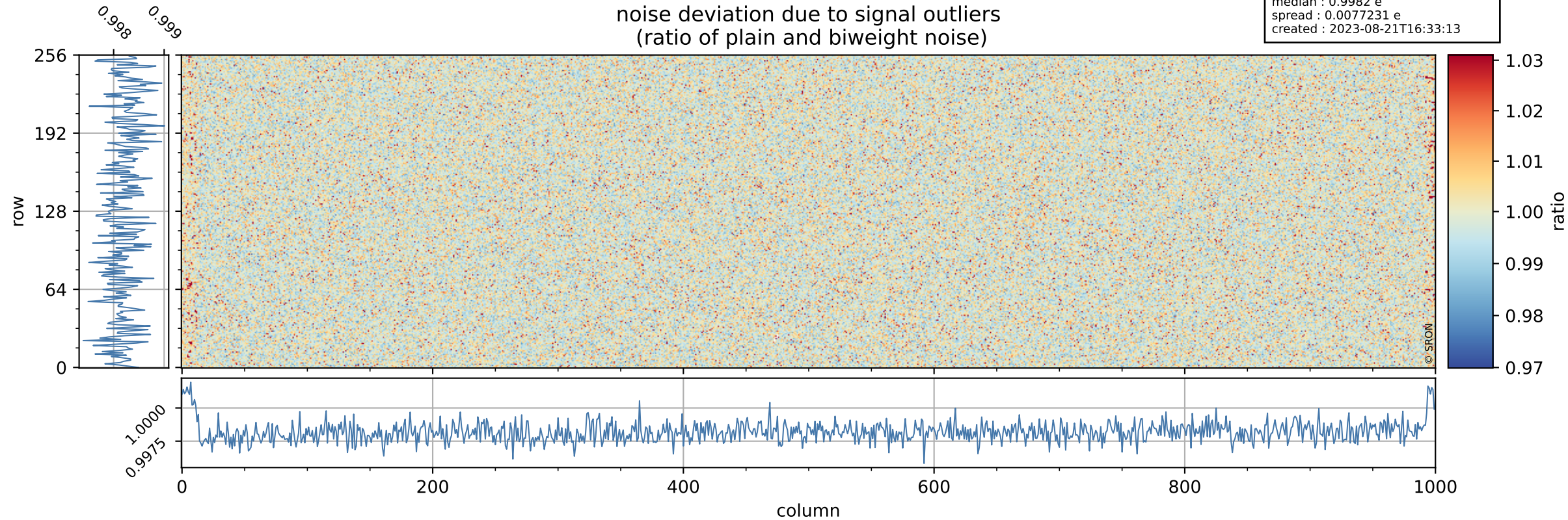
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

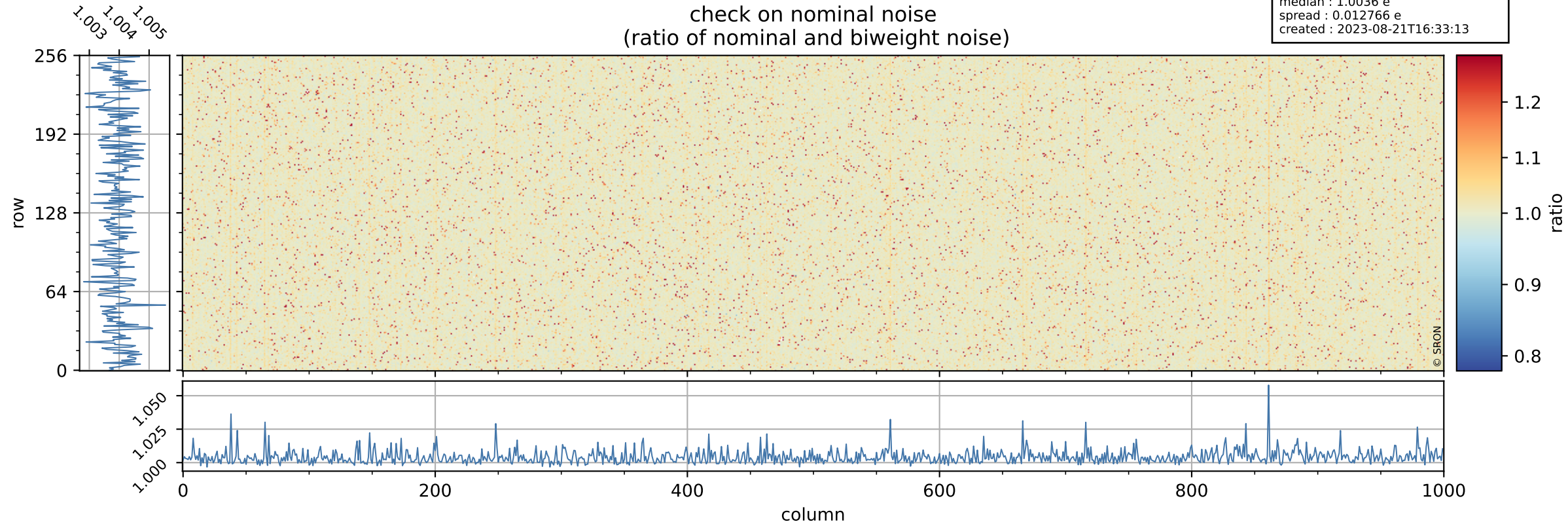
orbits : 12 in [23797, 23887]
coverage : 2022-05-18 / 2022-05-24
median : 0.9982 e
spread : 0.0077231 e
created : 2023-08-21T16:33:13



Tropomi SWIR background noise (swir)

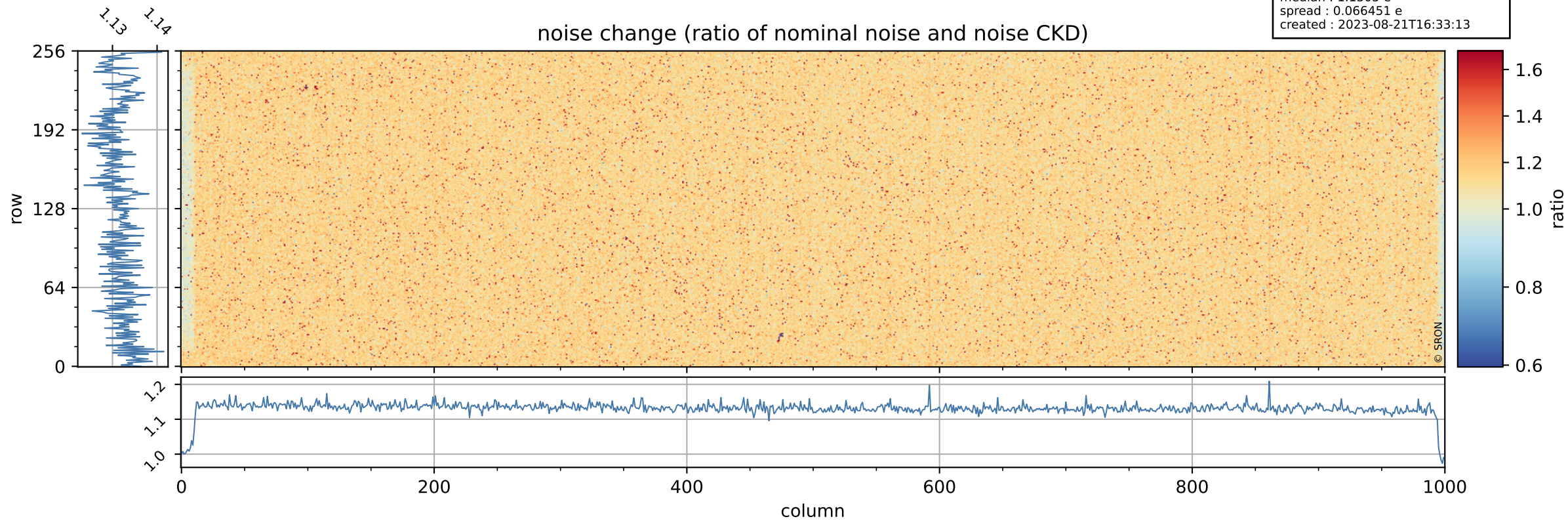
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23797, 23887]
coverage : 2022-05-18 / 2022-05-24
median : 1.0036 e
spread : 0.012766 e
created : 2023-08-21T16:33:13



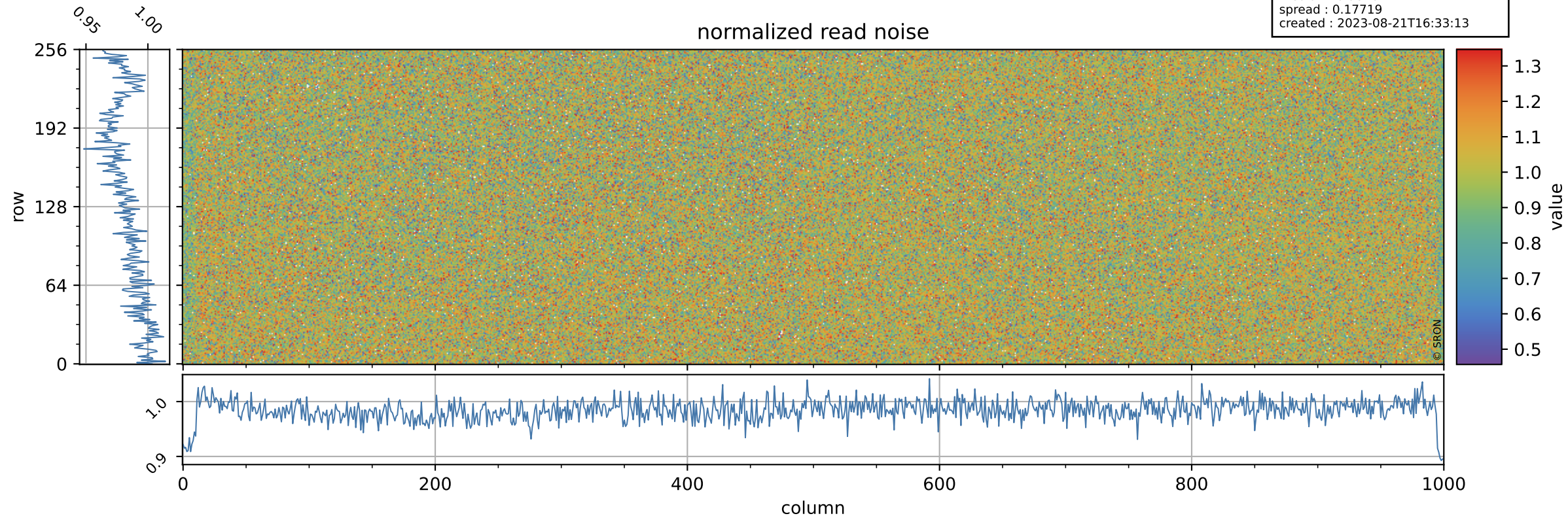
Tropomi SWIR background noise (swir)

orbits : 12 in [23797, 23887]
coverage : 2022-05-18 / 2022-05-24
median : 1.1305 e
spread : 0.066451 e
created : 2023-08-21T16:33:13



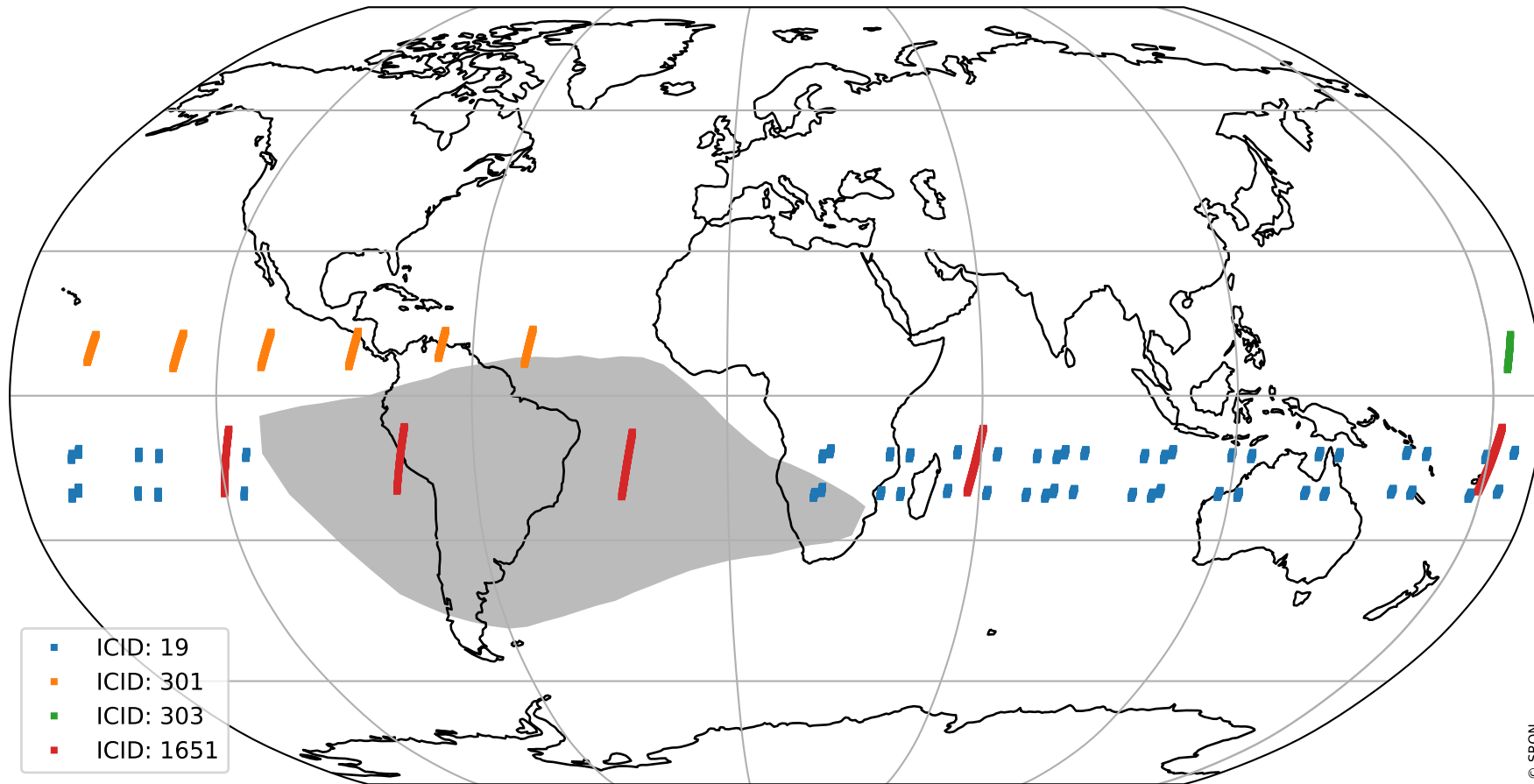
Tropomi SWIR background noise (swir)

orbits : 12 in [23797, 23887]
coverage : 2022-05-18 / 2022-05-24
median : 0.98267
spread : 0.17719
created : 2023-08-21T16:33:13



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

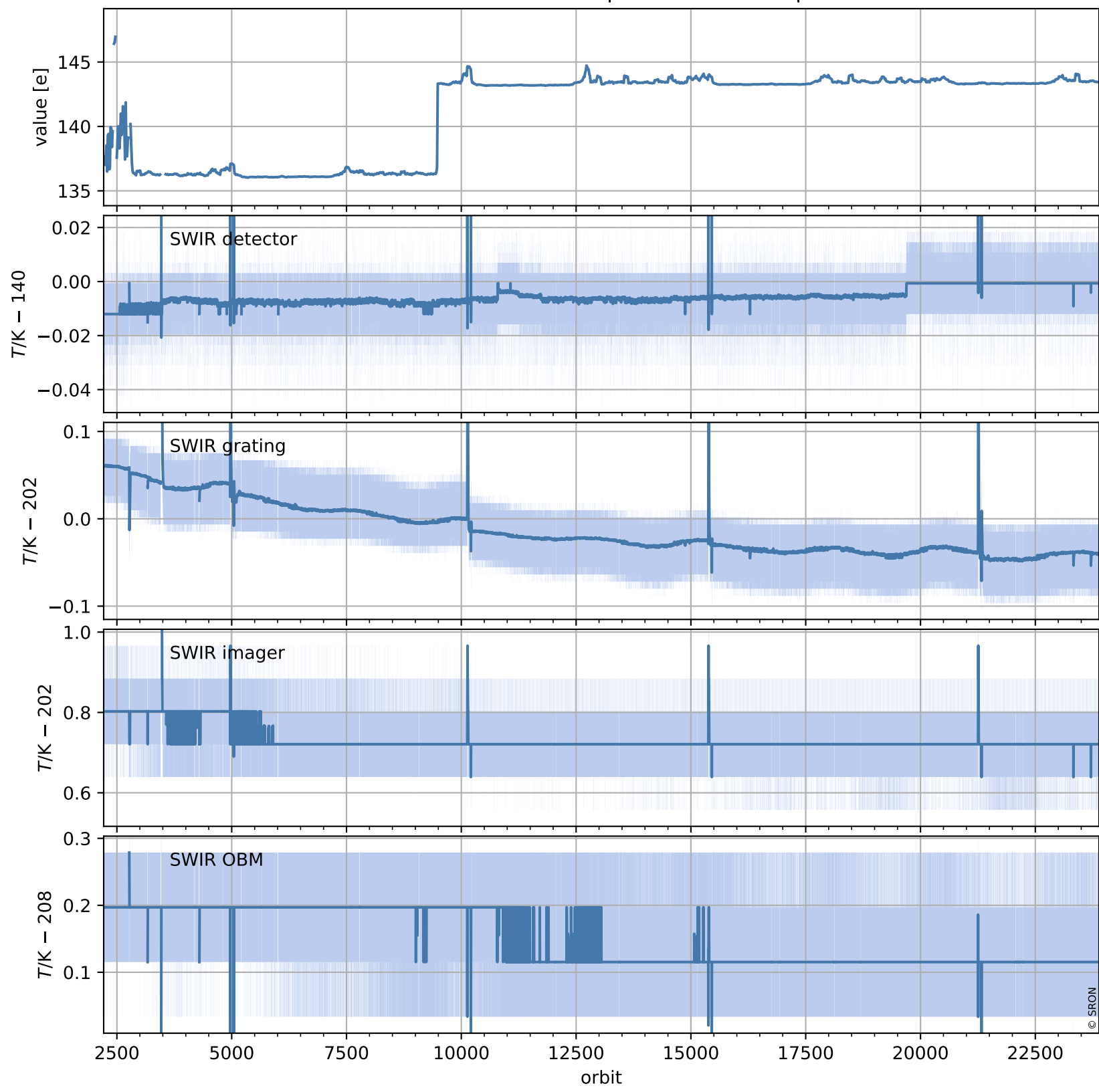
orbits : 12 in [23797, 23887]
coverage : 2022-05-18 / 2022-05-24
created : 2023-08-21T16:33:14



Tropomi SWIR background noise (swir)

orbits : [2212, 23887]
coverage : 2018-03-18 / 2022-05-24
created : 2023-08-21T16:33:14

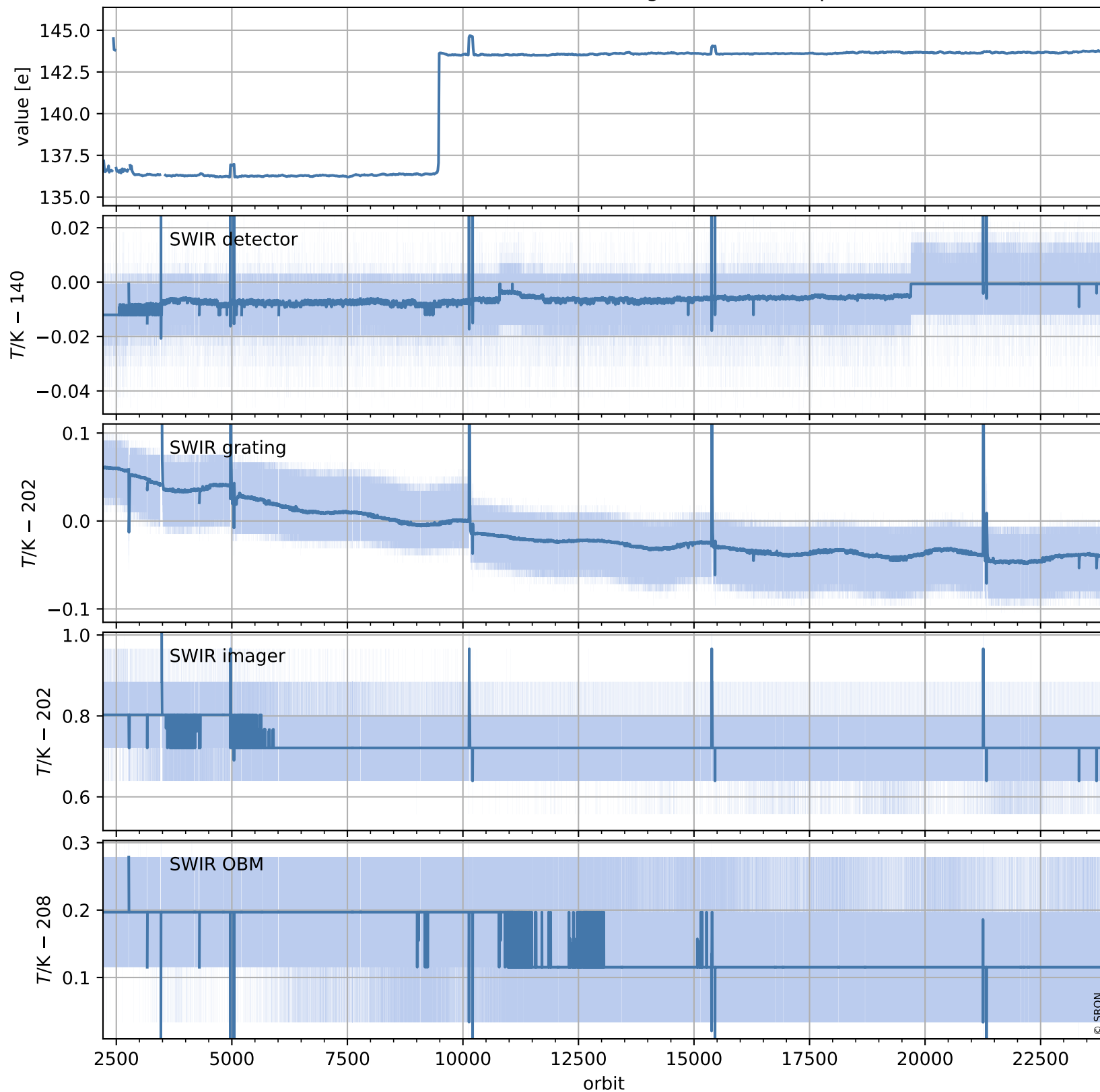
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23887]
coverage : 2018-03-18 / 2022-05-24
created : 2023-08-21T16:33:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23887]
coverage : 2018-03-18 / 2022-05-24
created : 2023-08-21T16:33:16

trend of normalized read-noise & temperatures

