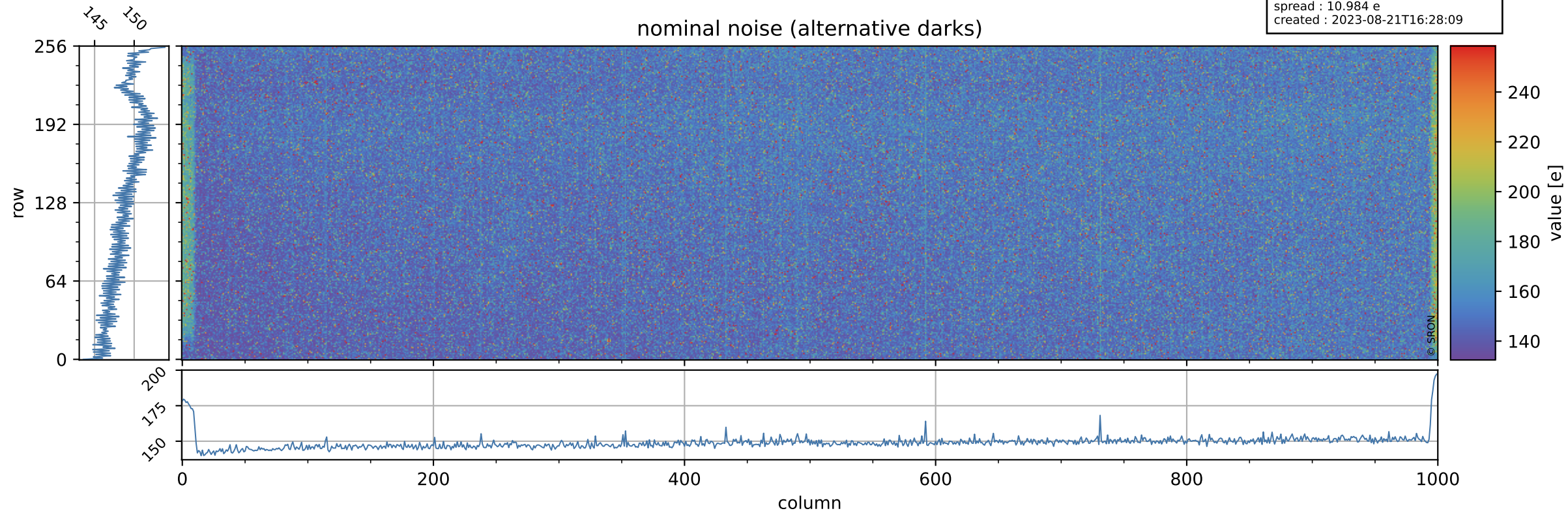


Tropomi SWIR background noise (swir)

orbits : 12 in [23017, 23107]
coverage : 2022-03-24 / 2022-03-30
n_coad, t_exp : 1, 1.0783
median : 148.82 e
spread : 10.984 e
created : 2023-08-21T16:28:09

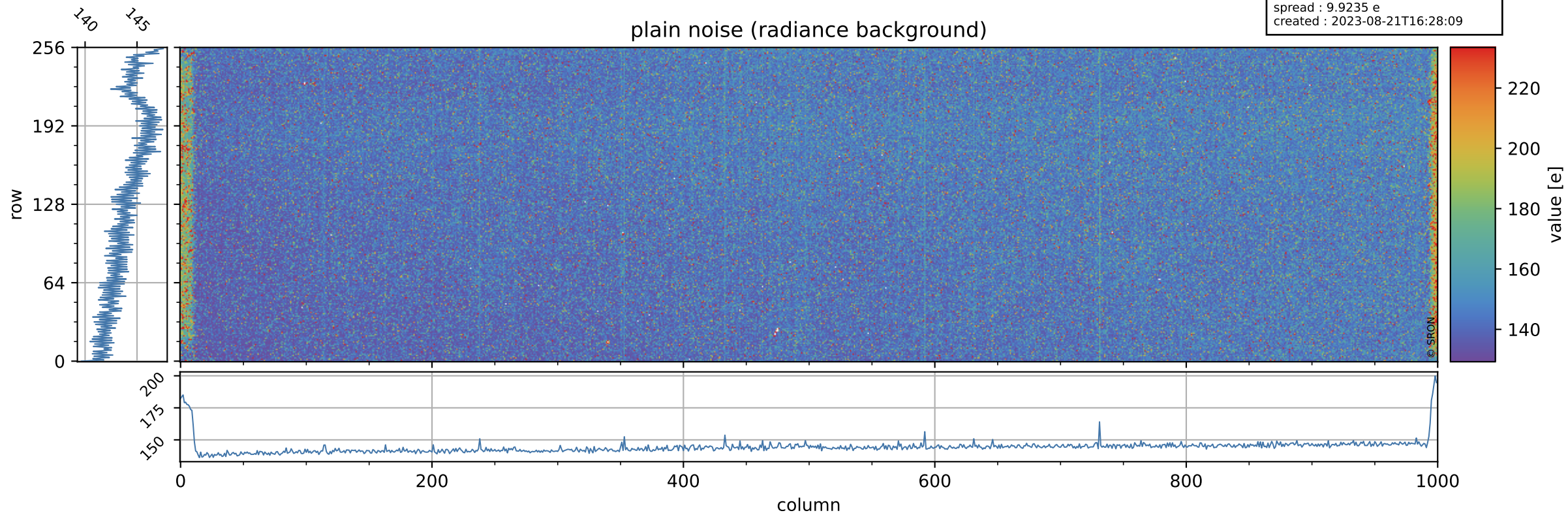
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23017, 23107]
coverage : 2022-03-24 / 2022-03-30
n_coad, t_exp : 1, 0.8383
median : 143.94 e
spread : 9.9235 e
created : 2023-08-21T16:28:09

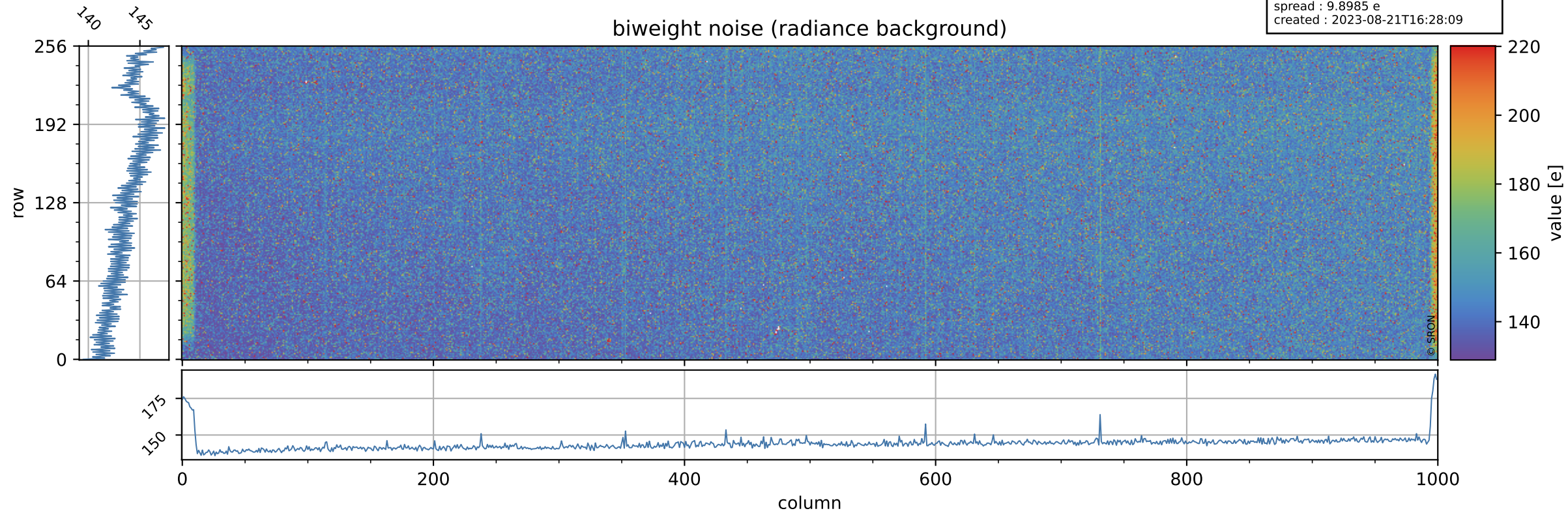
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23017, 23107]
coverage : 2022-03-24 / 2022-03-30
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.8985 e
created : 2023-08-21T16:28:09

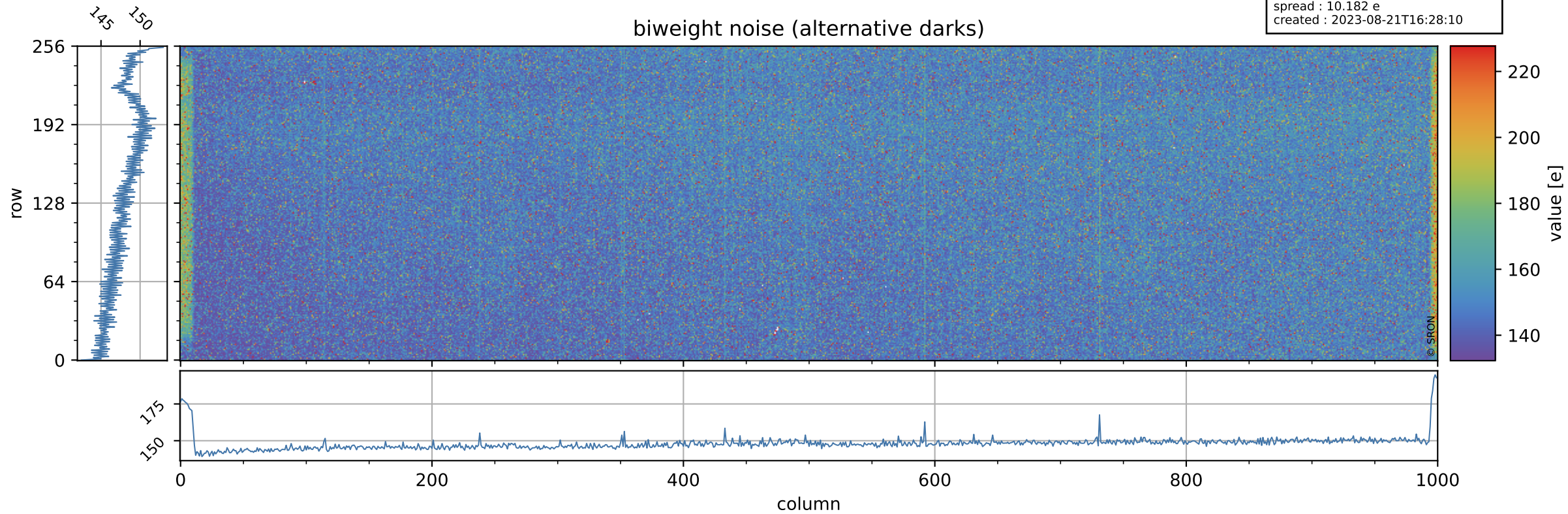
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23017, 23107]
coverage : 2022-03-24 / 2022-03-30
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.182 e
created : 2023-08-21T16:28:10

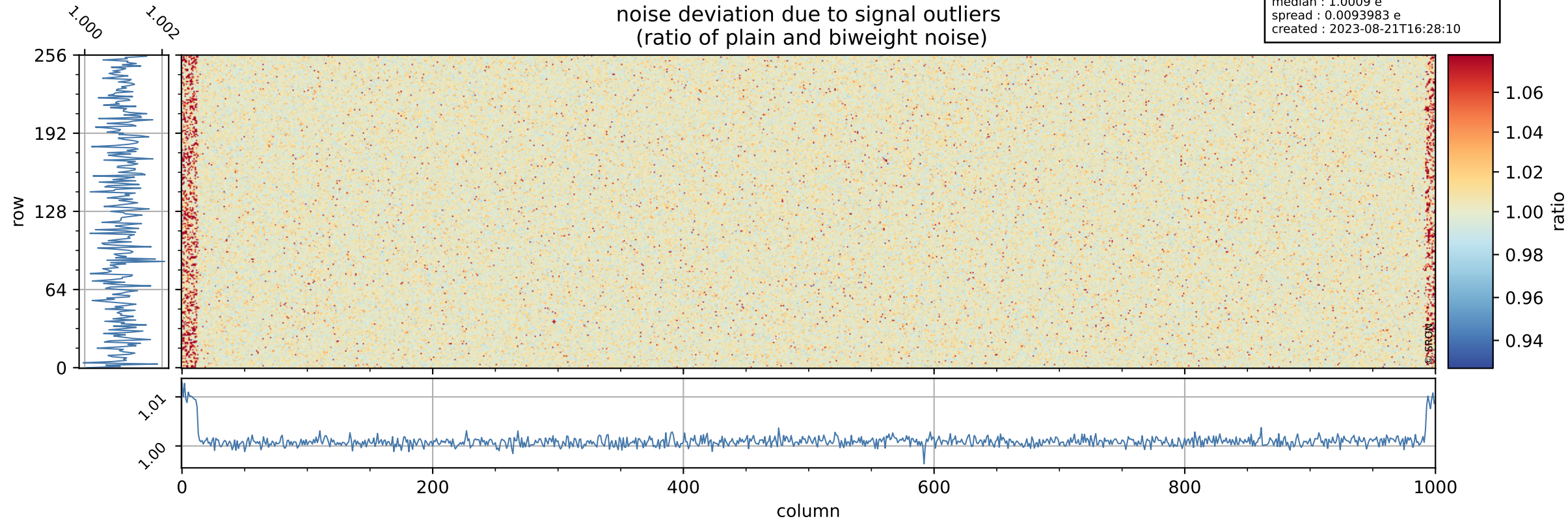
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

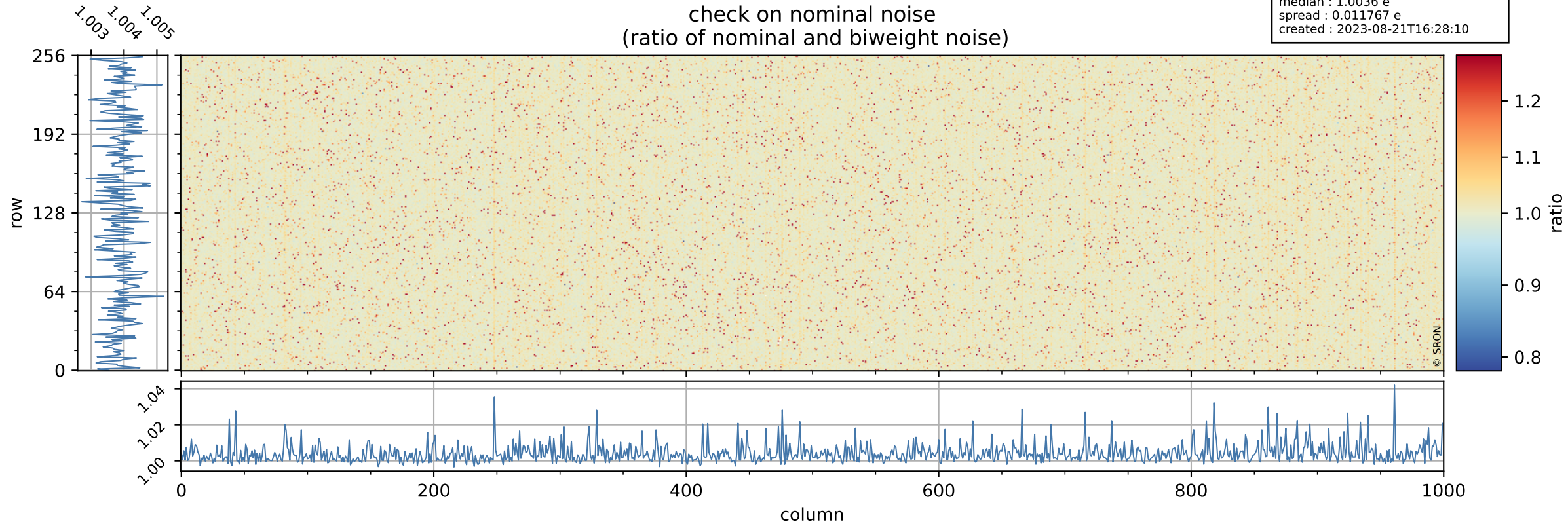
orbits : 12 in [23017, 23107]
coverage : 2022-03-24 / 2022-03-30
median : 1.0009 e
spread : 0.0093983 e
created : 2023-08-21T16:28:10



Tropomi SWIR background noise (swir)

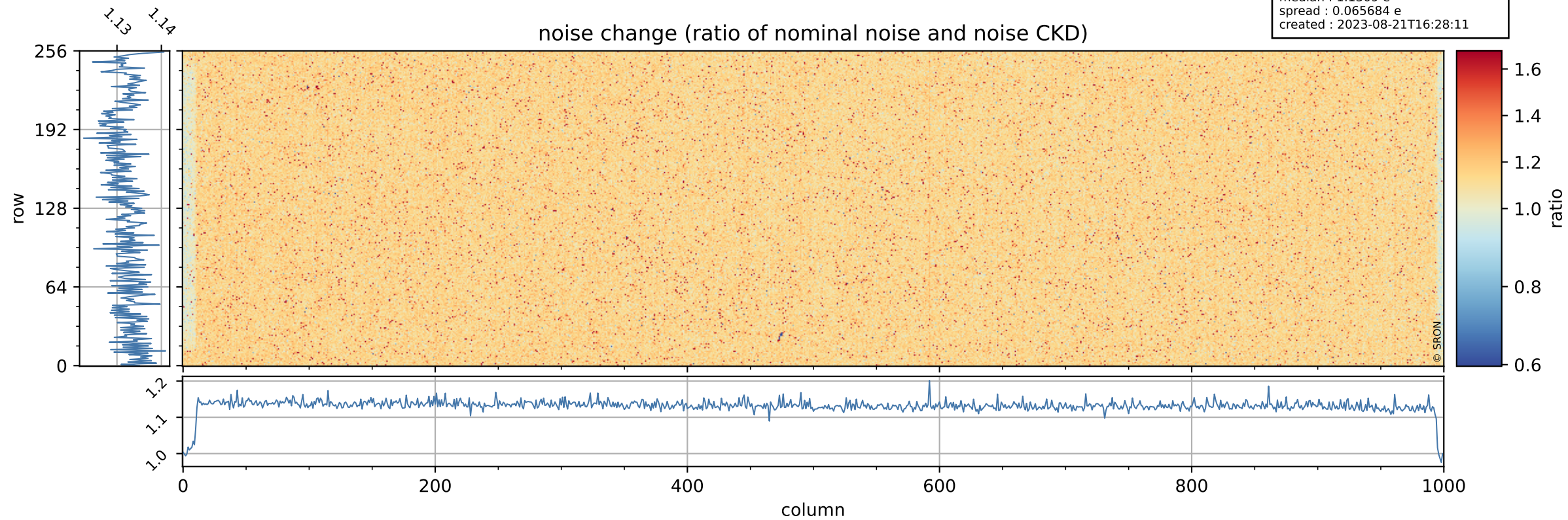
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23017, 23107]
coverage : 2022-03-24 / 2022-03-30
median : 1.0036 e
spread : 0.011767 e
created : 2023-08-21T16:28:10



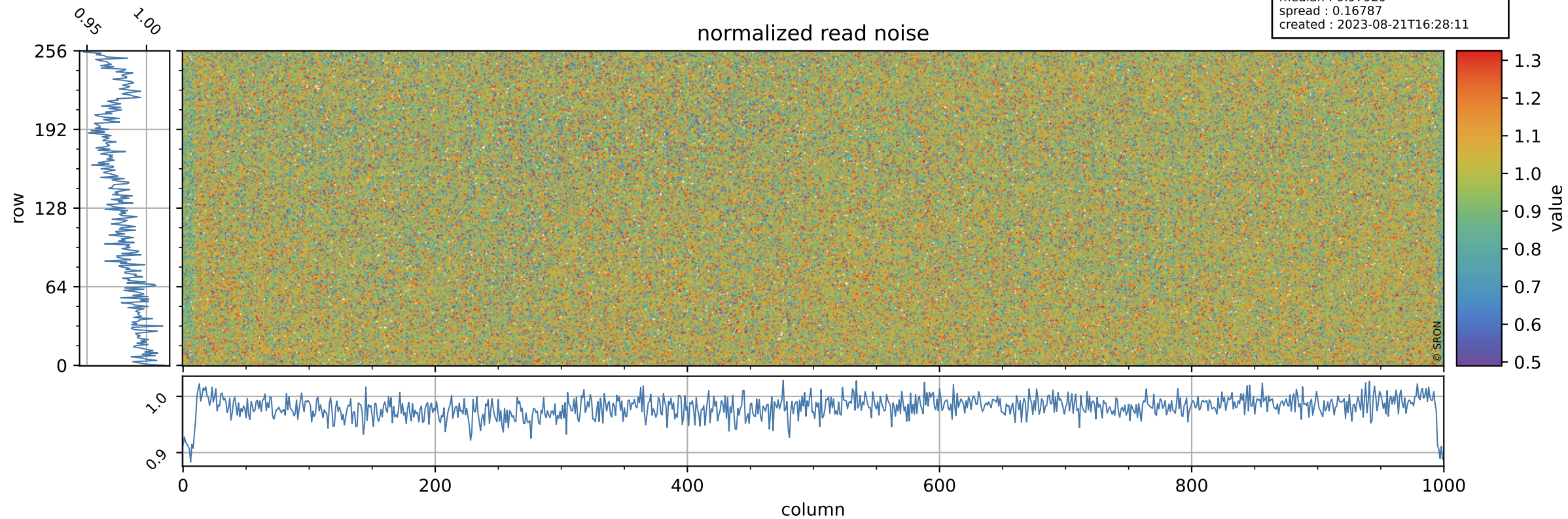
Tropomi SWIR background noise (swir)

orbits : 12 in [23017, 23107]
coverage : 2022-03-24 / 2022-03-30
median : 1.1309 e
spread : 0.065684 e
created : 2023-08-21T16:28:11



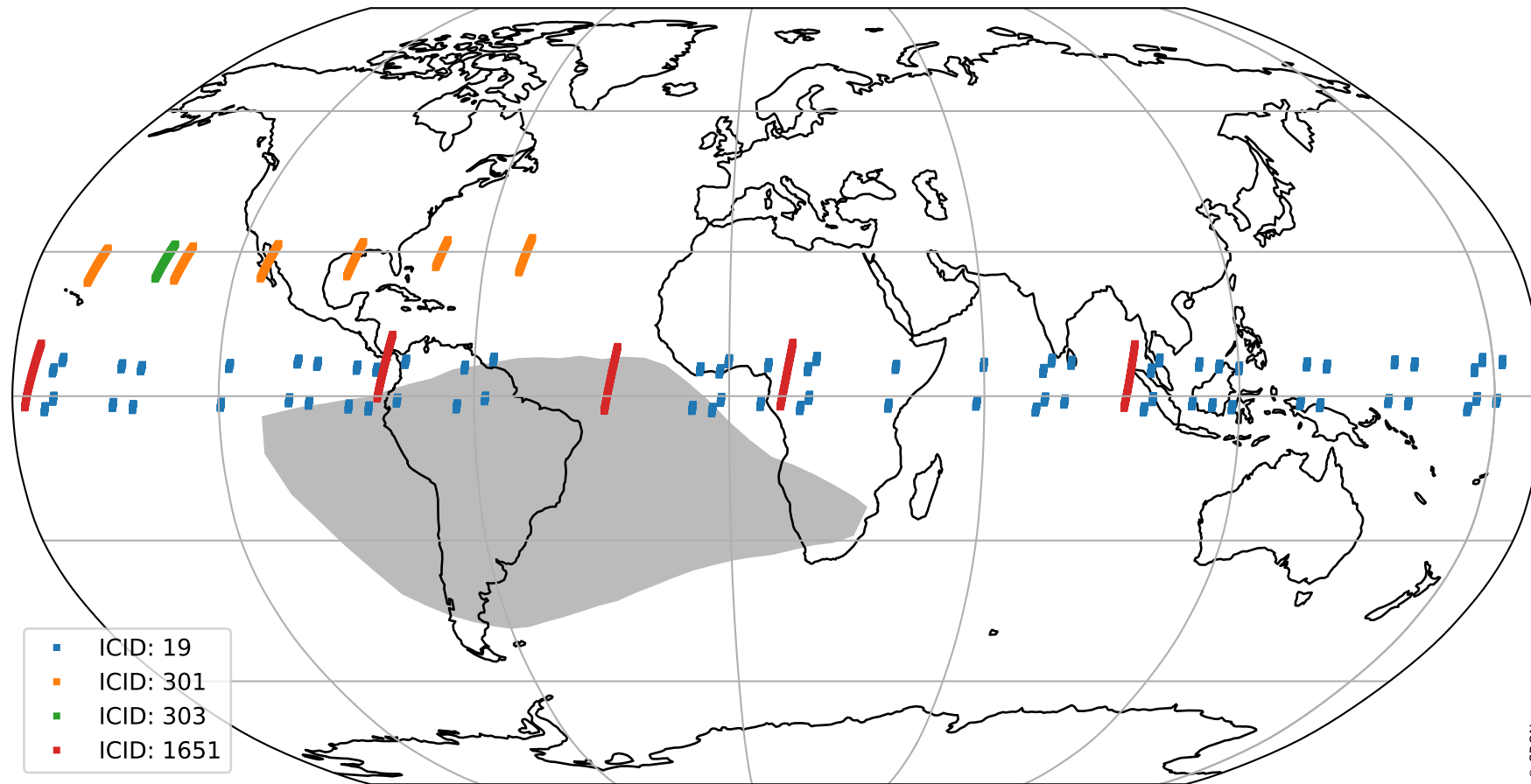
Tropomi SWIR background noise (swir)

orbits : 12 in [23017, 23107]
coverage : 2022-03-24 / 2022-03-30
median : 0.97929
spread : 0.16787
created : 2023-08-21T16:28:11



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

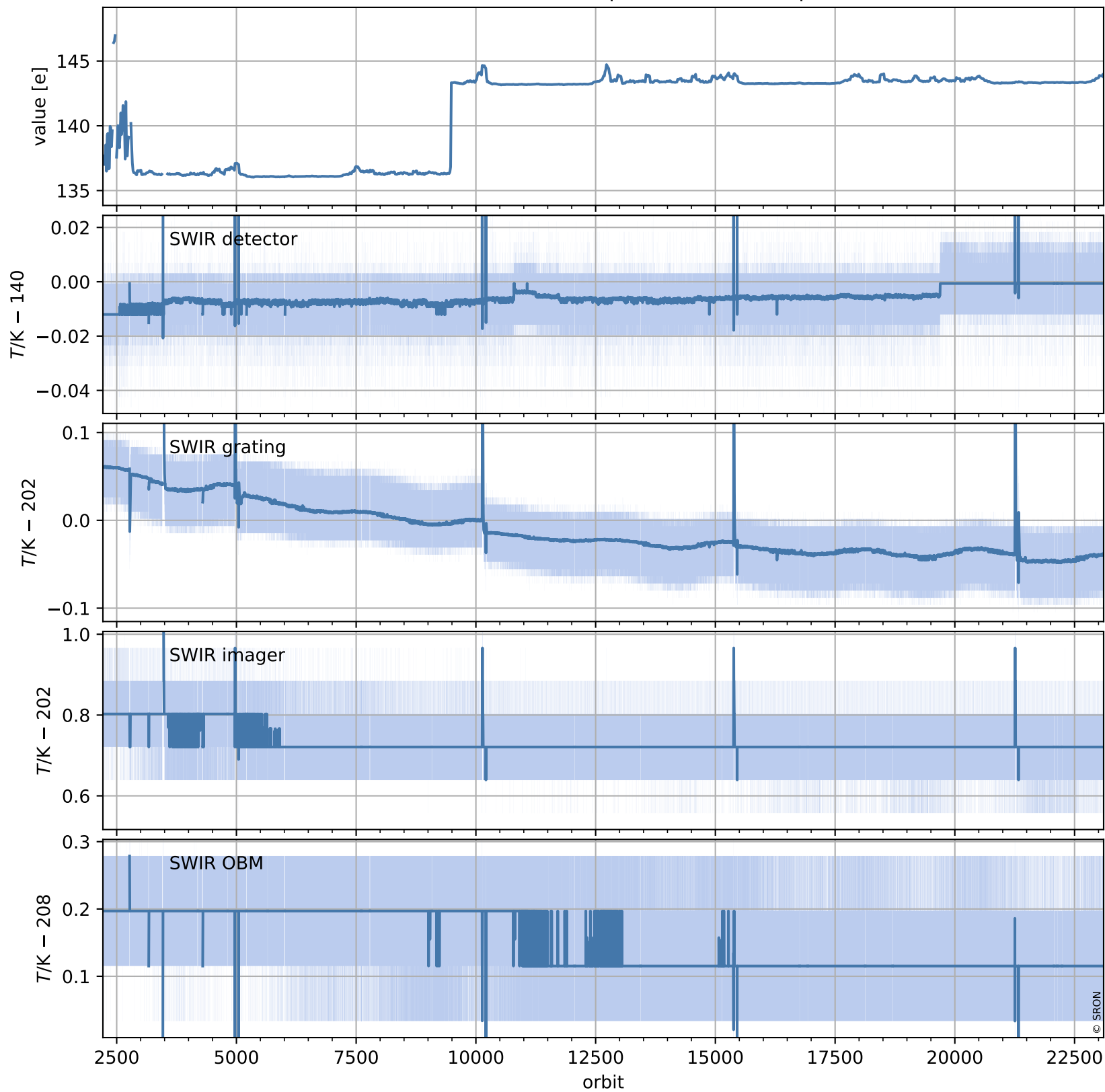
orbits : 12 in [23017, 23107]
coverage : 2022-03-24 / 2022-03-30
created : 2023-08-21T16:28:11



Tropomi SWIR background noise (swir)

orbits : [2212, 23107]
coverage : 2018-03-18 / 2022-03-30
created : 2023-08-21T16:28:12

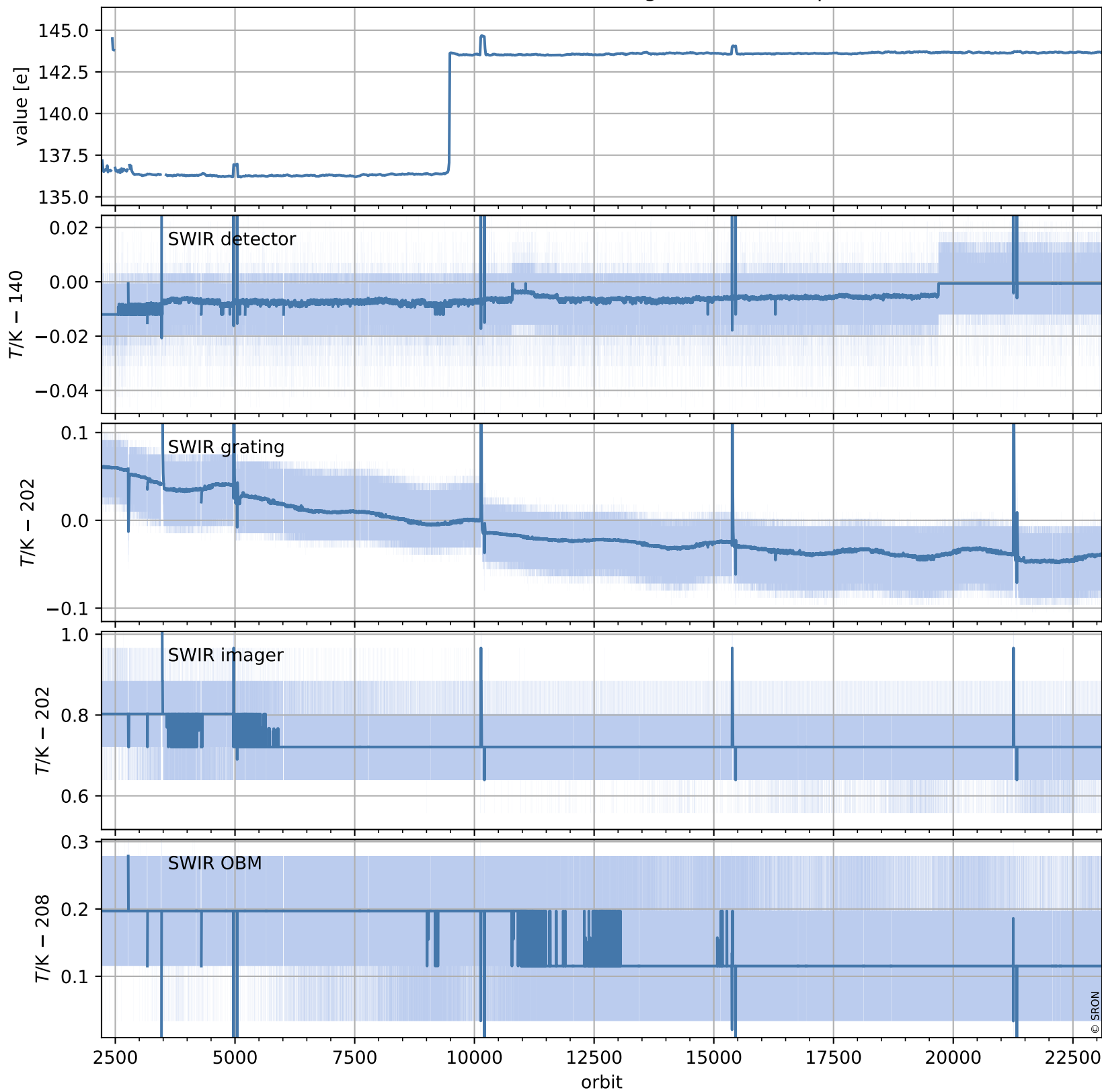
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23107]
coverage : 2018-03-18 / 2022-03-30
created : 2023-08-21T16:28:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23107]
coverage : 2018-03-18 / 2022-03-30
created : 2023-08-21T16:28:14

trend of normalized read-noise & temperatures

