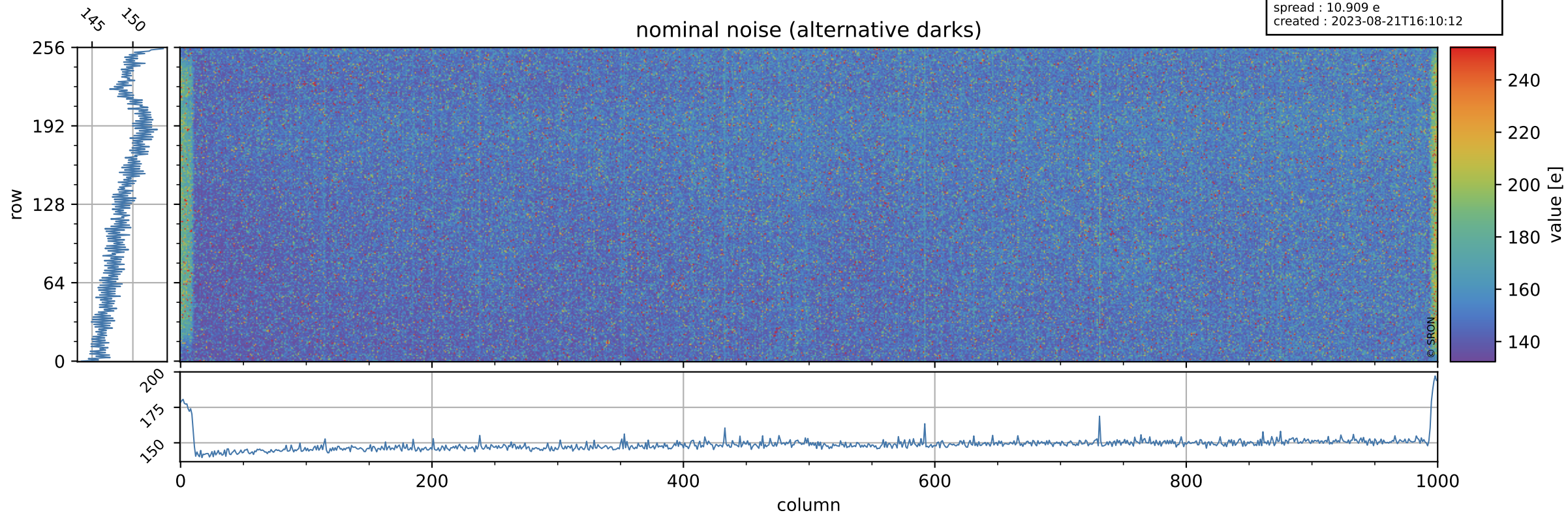


Tropomi SWIR background noise (swir)

orbits : 12 in [20152, 20242]
coverage : 2021-09-03 / 2021-09-08
n_coad, t_exp : 1, 1.0783
median : 148.66 e
spread : 10.909 e
created : 2023-08-21T16:10:12

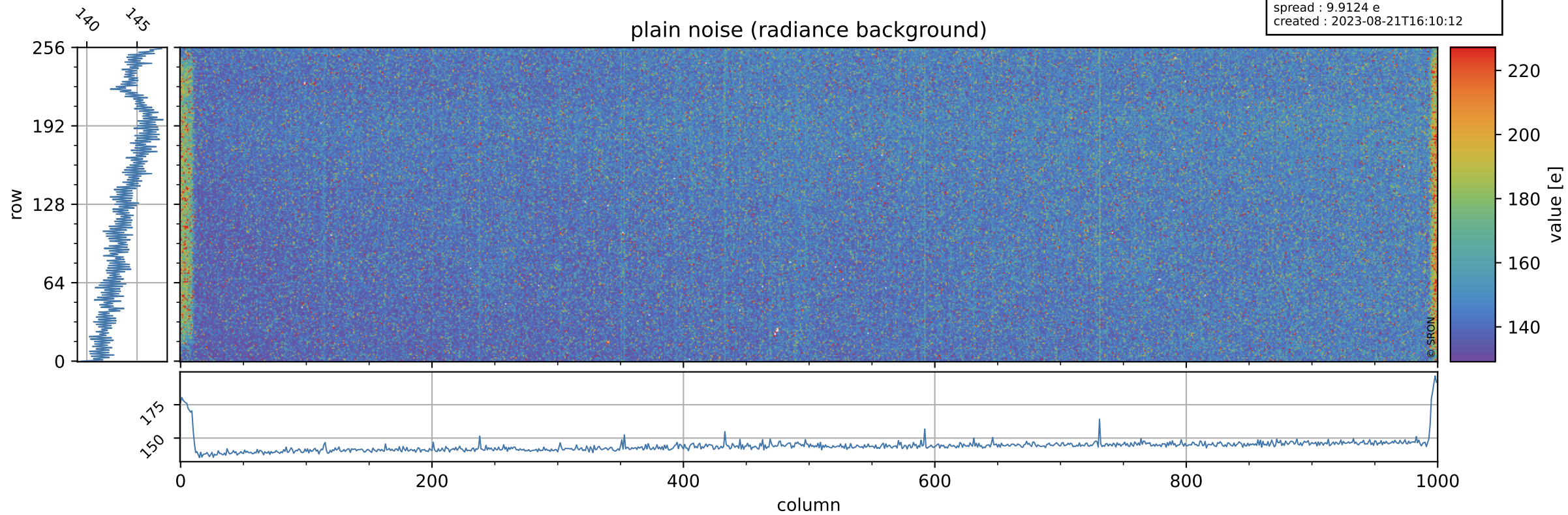
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20152, 20242]
coverage : 2021-09-03 / 2021-09-08
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.9124 e
created : 2023-08-21T16:10:12

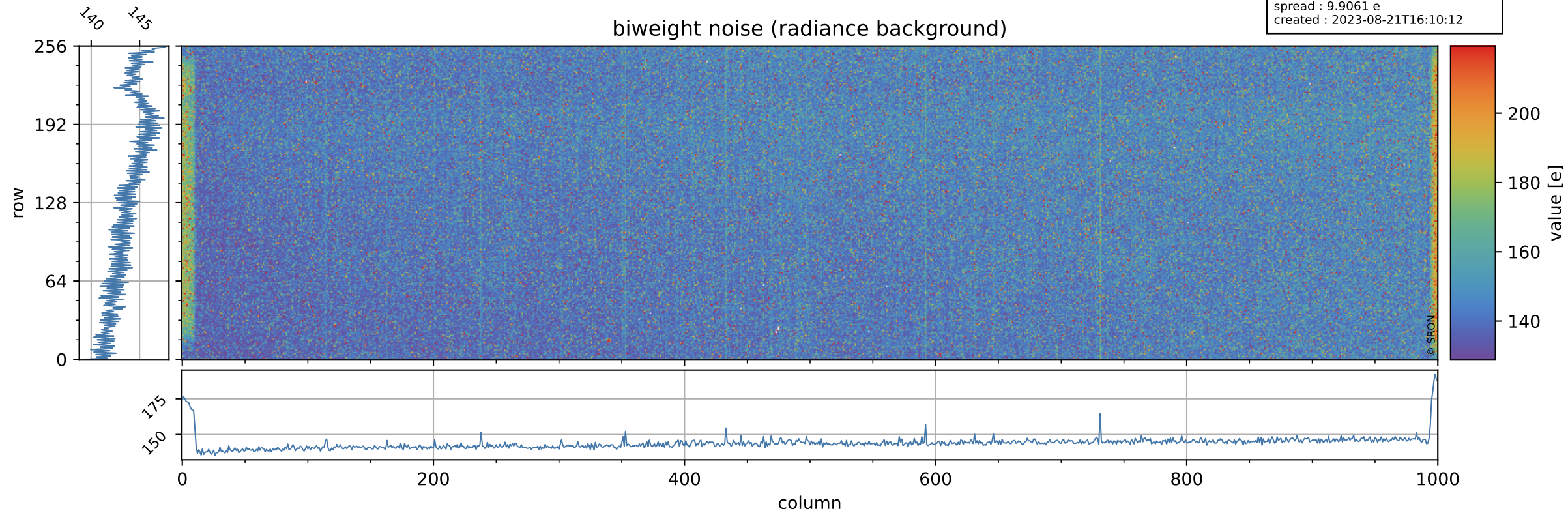
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20152, 20242]
coverage : 2021-09-03 / 2021-09-08
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.9061 e
created : 2023-08-21T16:10:12

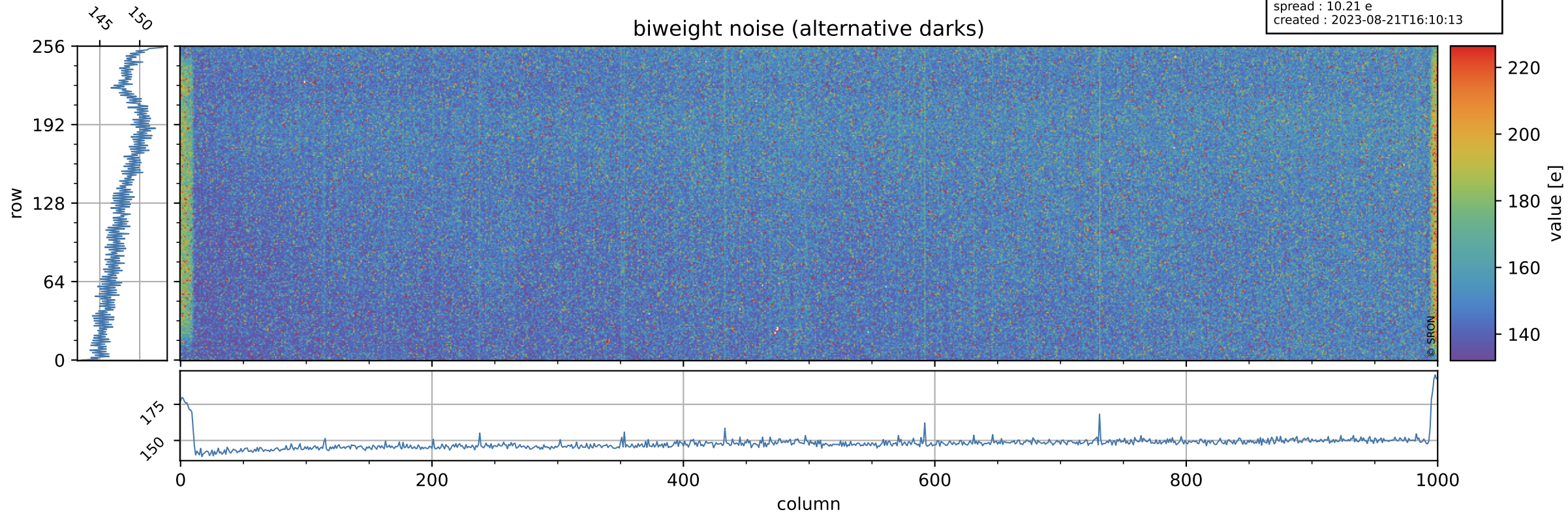
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20152, 20242]
coverage : 2021-09-03 / 2021-09-08
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.21 e
created : 2023-08-21T16:10:13

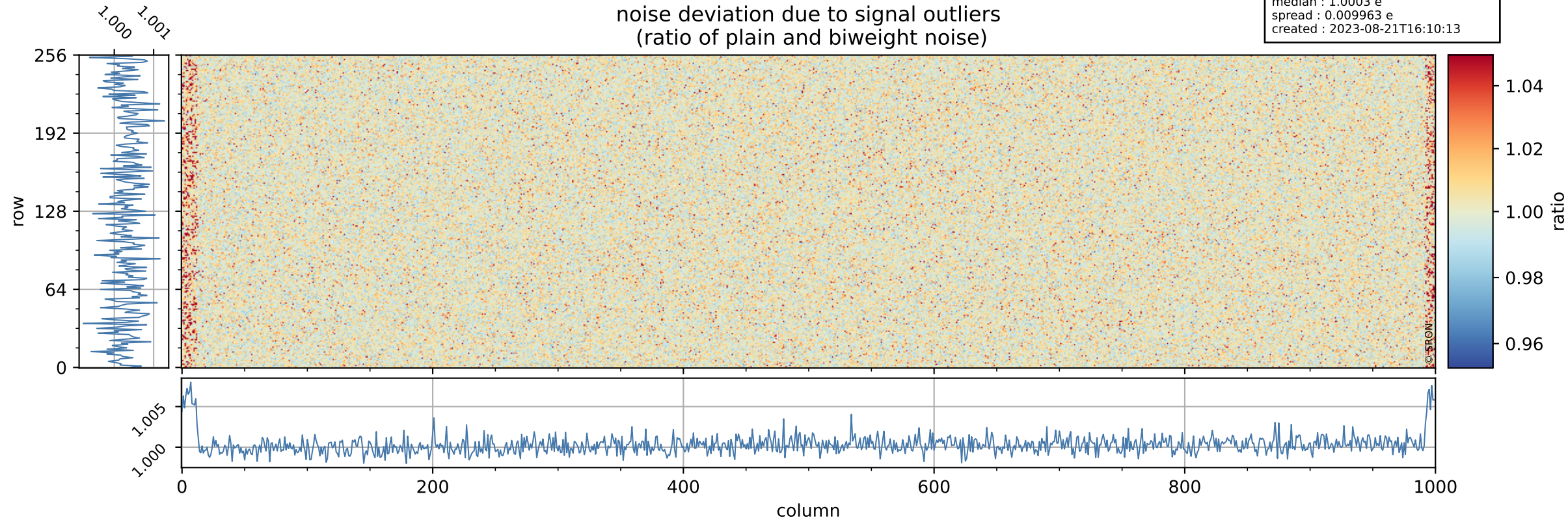
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

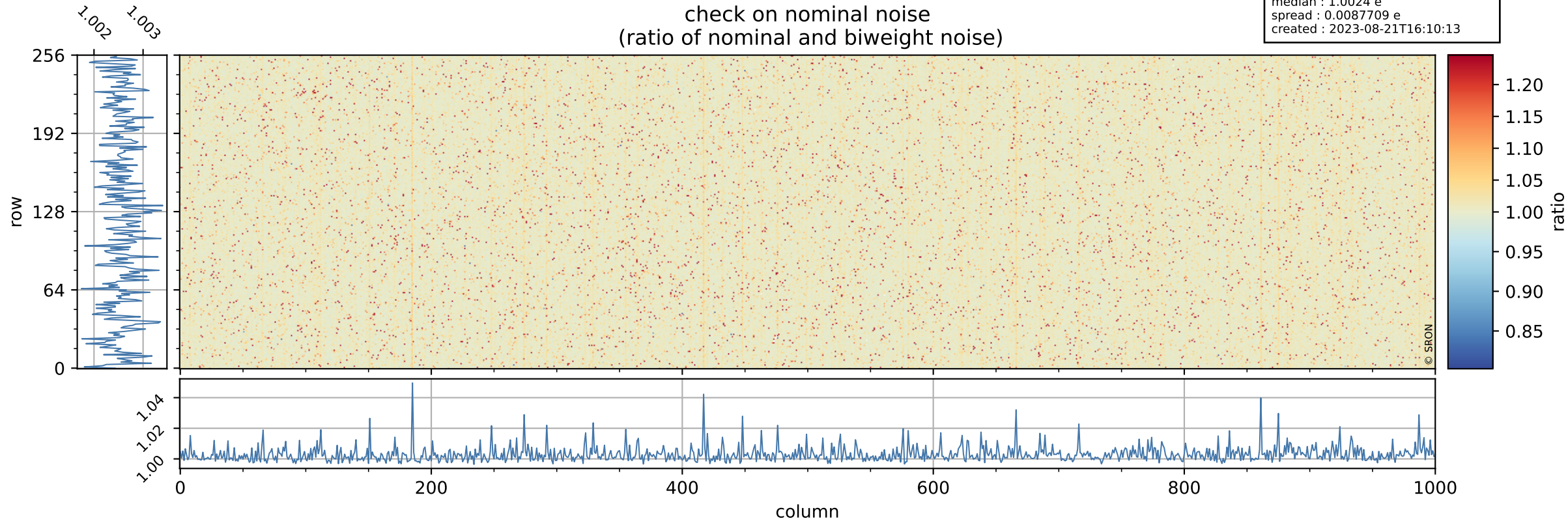
orbits : 12 in [20152, 20242]
coverage : 2021-09-03 / 2021-09-08
median : 1.0003 e
spread : 0.009963 e
created : 2023-08-21T16:10:13



Tropomi SWIR background noise (swir)

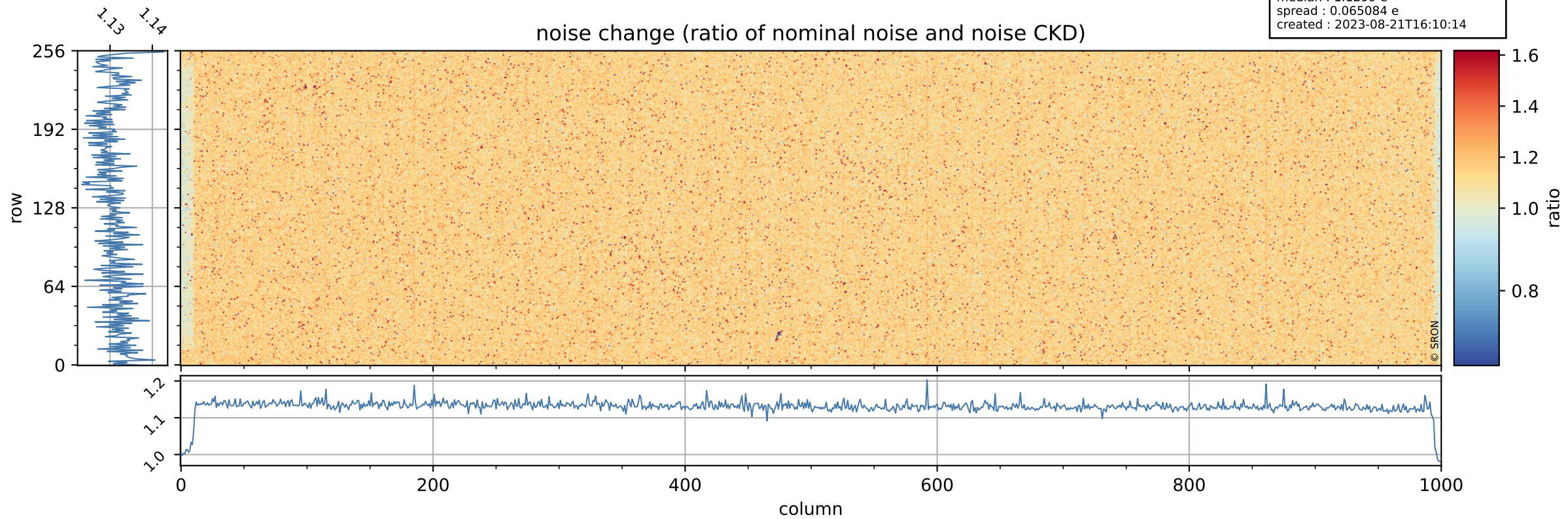
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20152, 20242]
coverage : 2021-09-03 / 2021-09-08
median : 1.0024 e
spread : 0.0087709 e
created : 2023-08-21T16:10:13



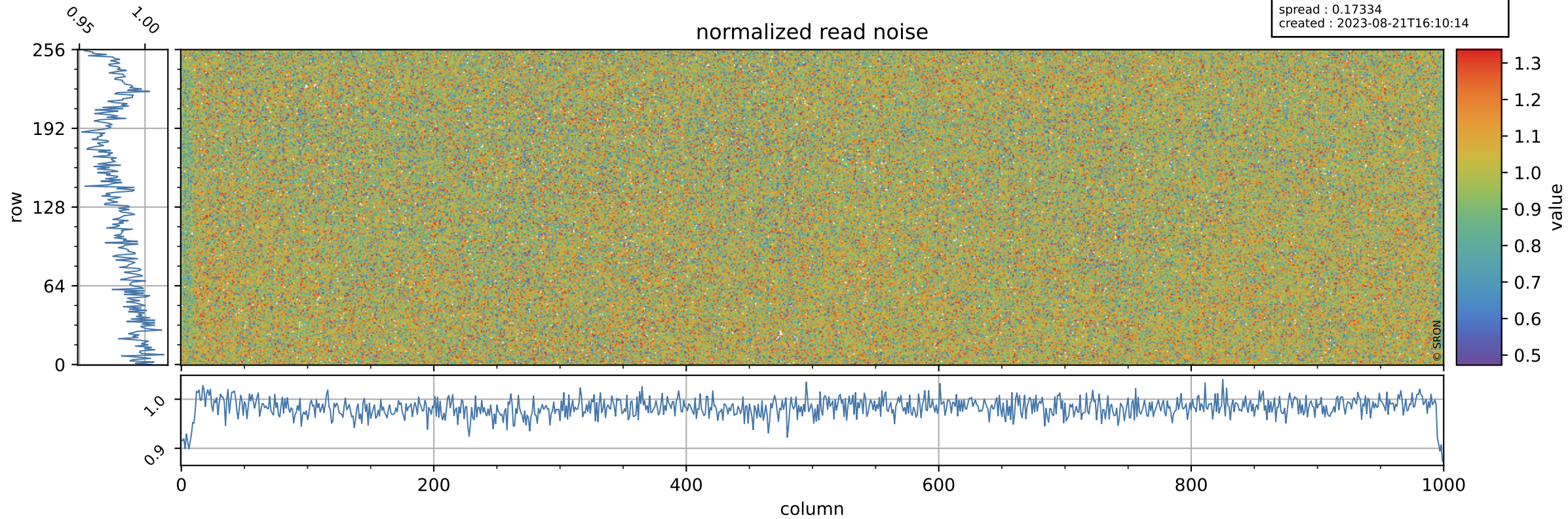
Tropomi SWIR background noise (swir)

orbits : 12 in [20152, 20242]
coverage : 2021-09-03 / 2021-09-08
median : 1.1299 e
spread : 0.065084 e
created : 2023-08-21T16:10:14



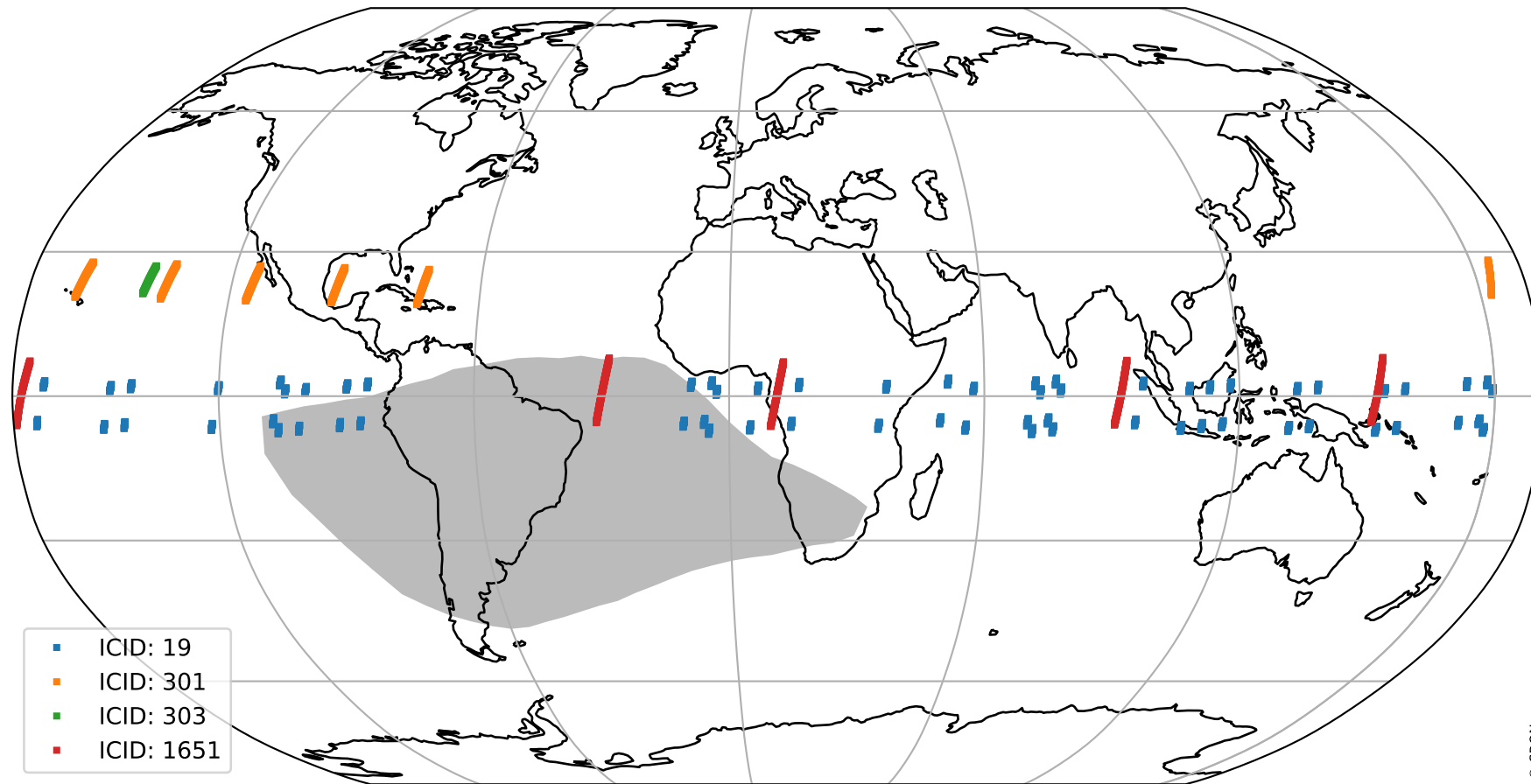
Tropomi SWIR background noise (swir)

orbits : 12 in [20152, 20242]
coverage : 2021-09-03 / 2021-09-08
median : 0.98119
spread : 0.17334
created : 2023-08-21T16:10:14



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

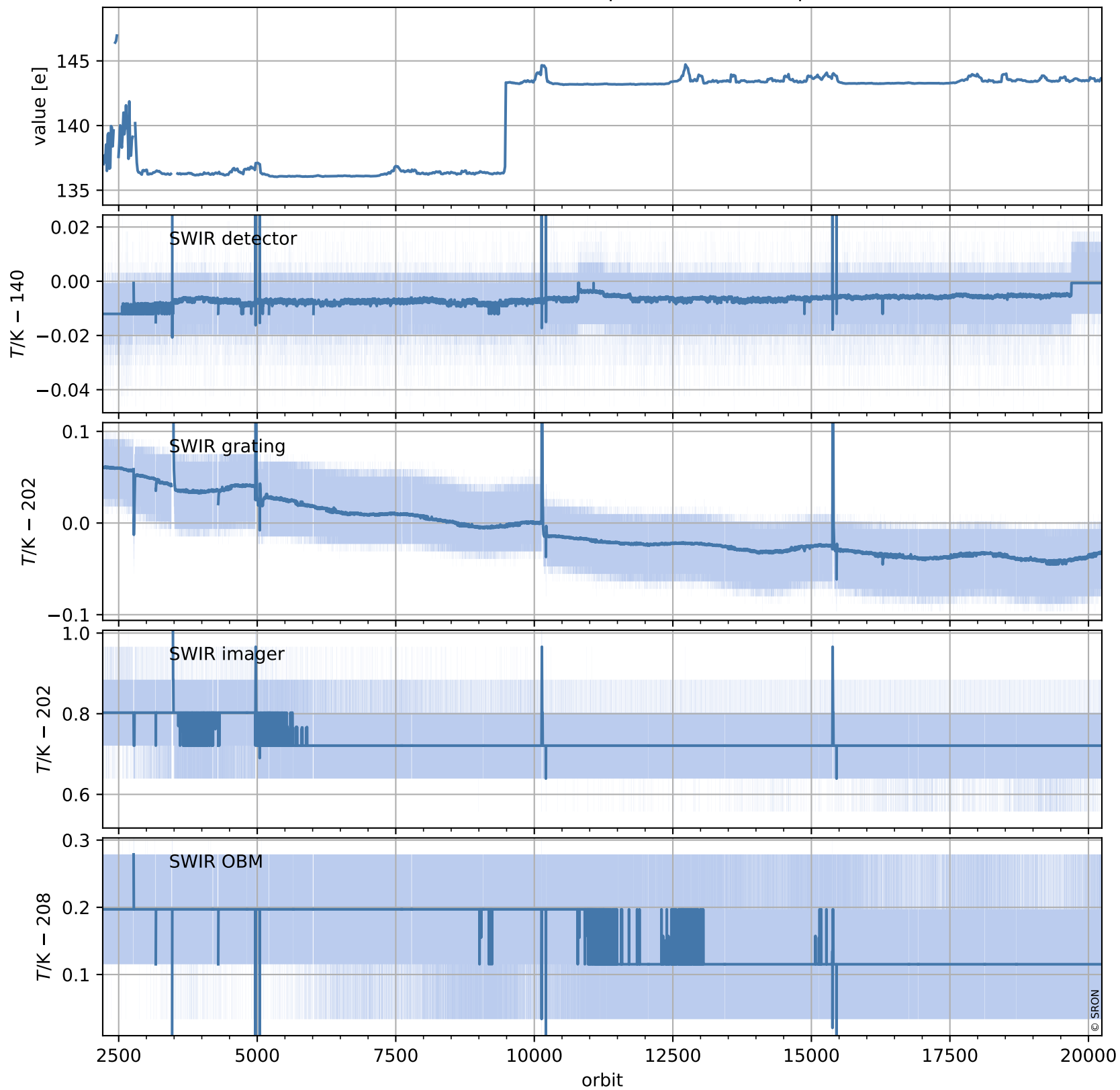
orbits : 12 in [20152, 20242]
coverage : 2021-09-03 / 2021-09-08
created : 2023-08-21T16:10:14



Tropomi SWIR background noise (swir)

orbits : [2212, 20242]
coverage : 2018-03-18 / 2021-09-08
created : 2023-08-21T16:10:14

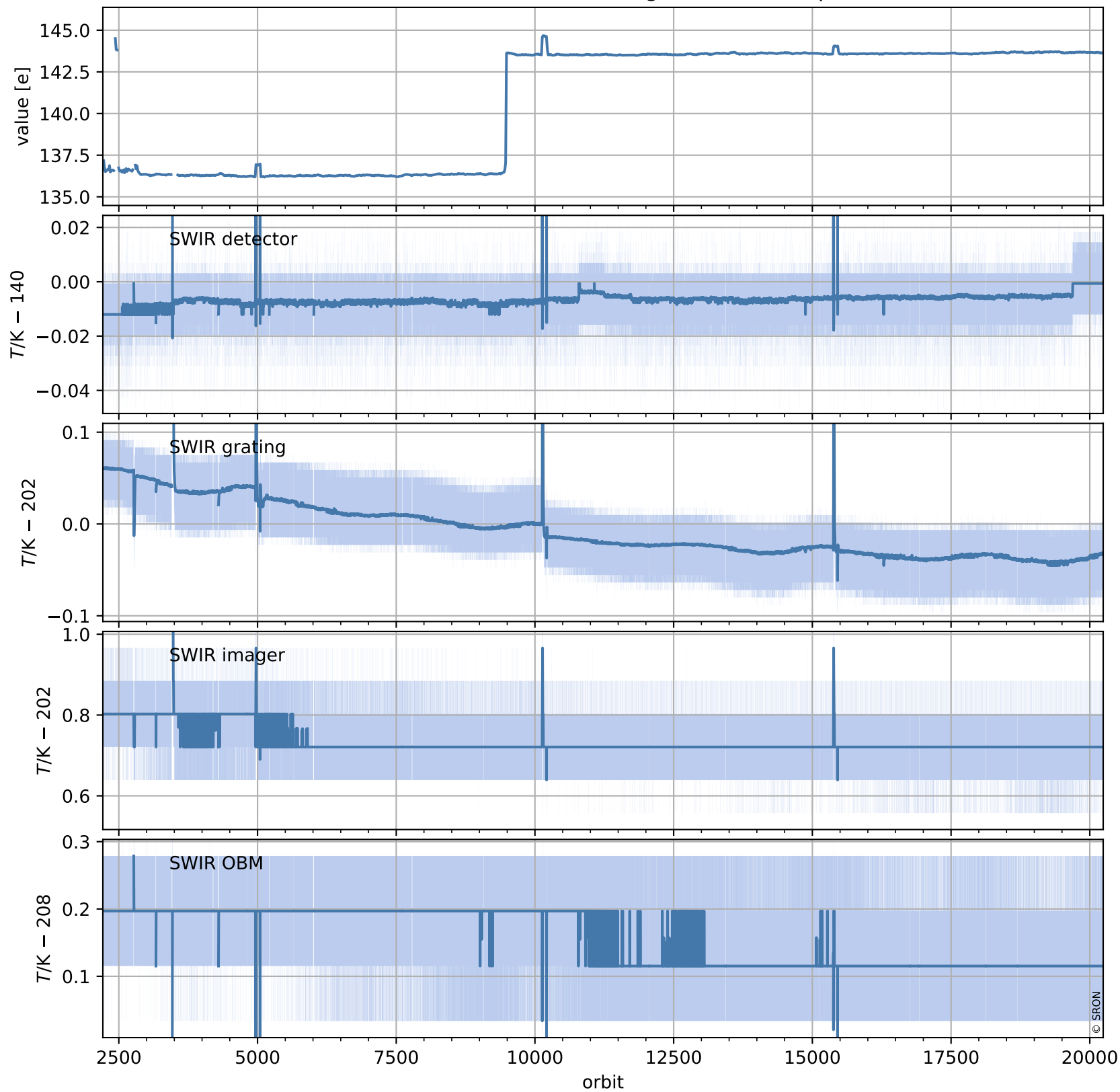
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20242]
coverage : 2018-03-18 / 2021-09-08
created : 2023-08-21T16:10:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20242]
coverage : 2018-03-18 / 2021-09-08
created : 2023-08-21T16:10:16

trend of normalized read-noise & temperatures

