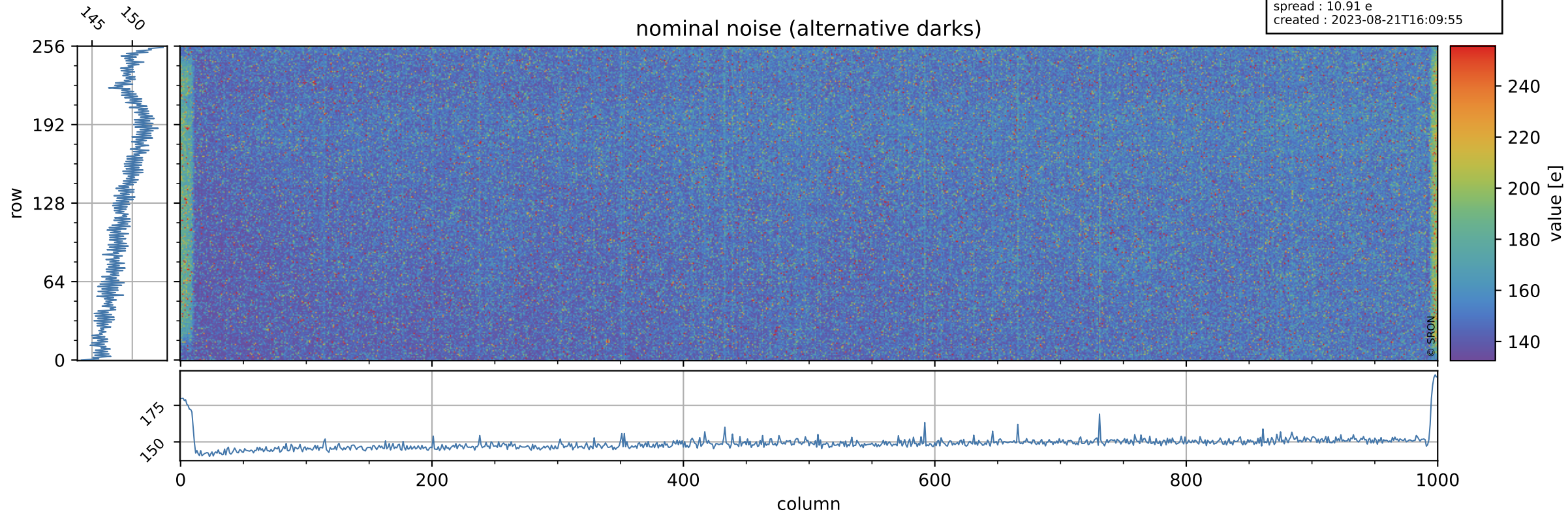


Tropomi SWIR background noise (swir)

orbits : 13 in [20107, 20197]
coverage : 2021-08-30 / 2021-09-06
n_coad, t_exp : 1, 1.0783
median : 148.81 e
spread : 10.91 e
created : 2023-08-21T16:09:55

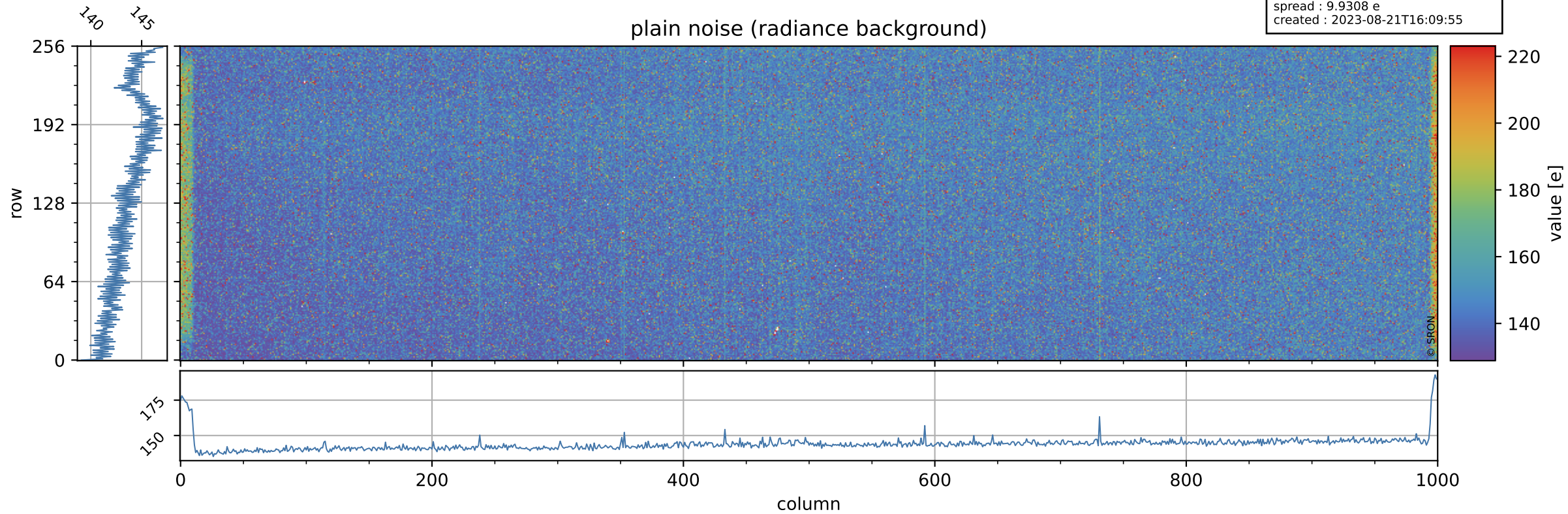
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [20107, 20197]
coverage : 2021-08-30 / 2021-09-06
n_coad, t_exp : 1, 0.8383
median : 143.57 e
spread : 9.9308 e
created : 2023-08-21T16:09:55

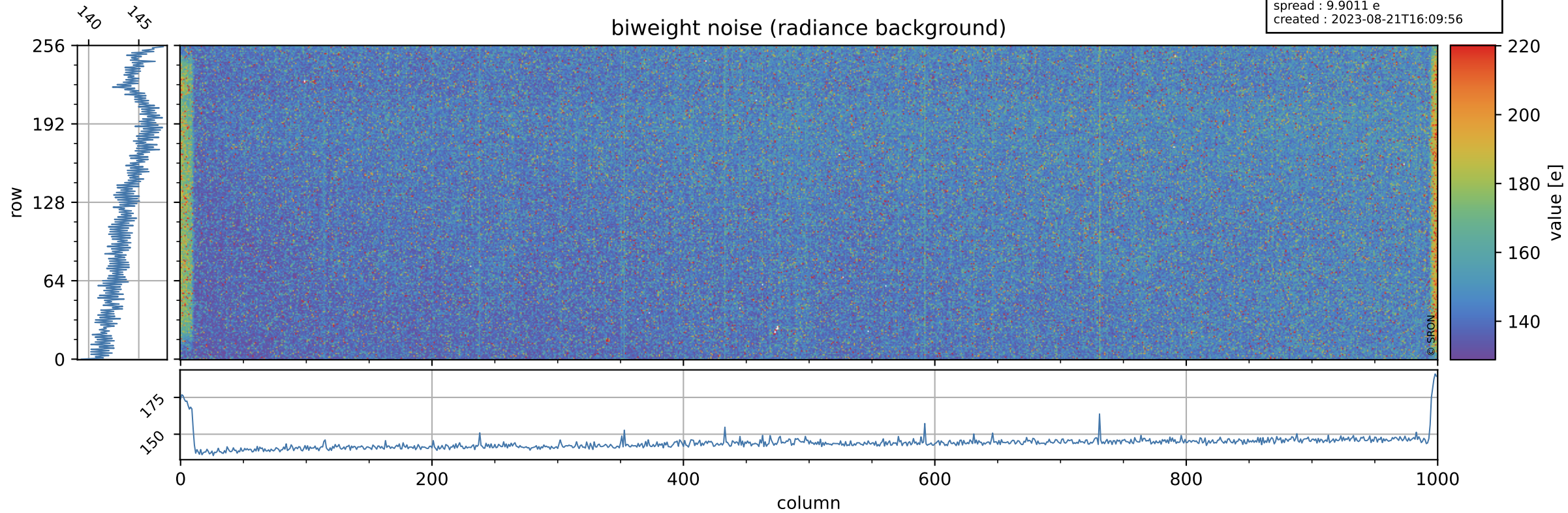
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [20107, 20197]
coverage : 2021-08-30 / 2021-09-06
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.9011 e
created : 2023-08-21T16:09:56

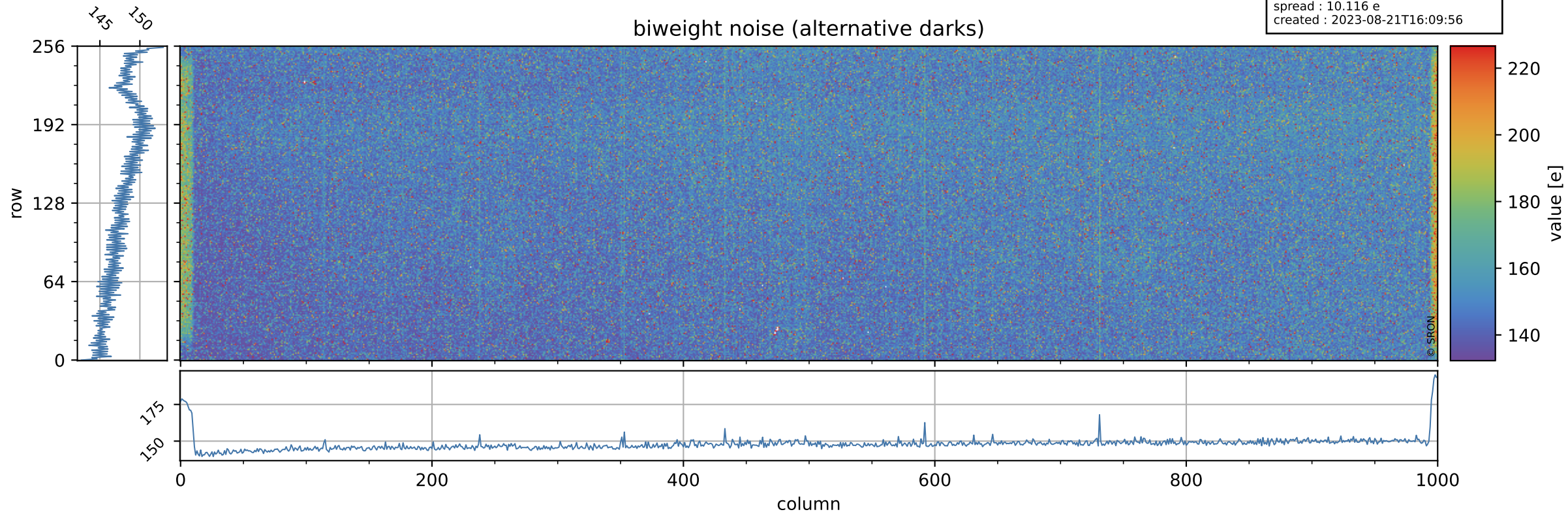
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [20107, 20197]
coverage : 2021-08-30 / 2021-09-06
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.116 e
created : 2023-08-21T16:09:56

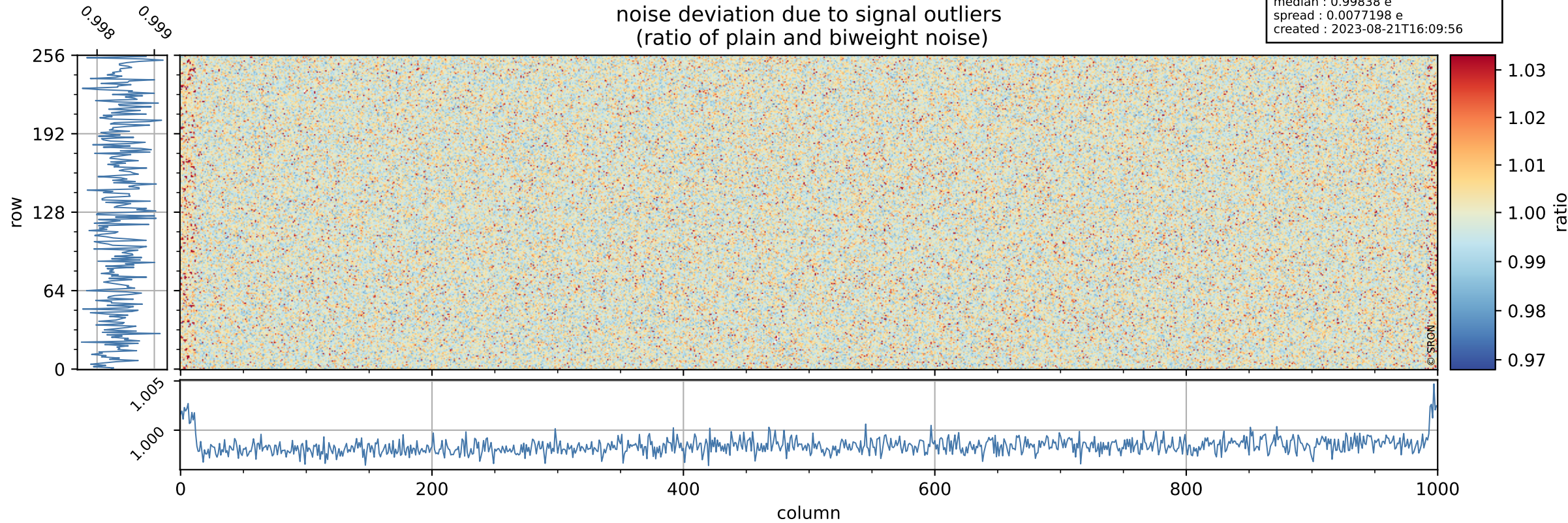
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

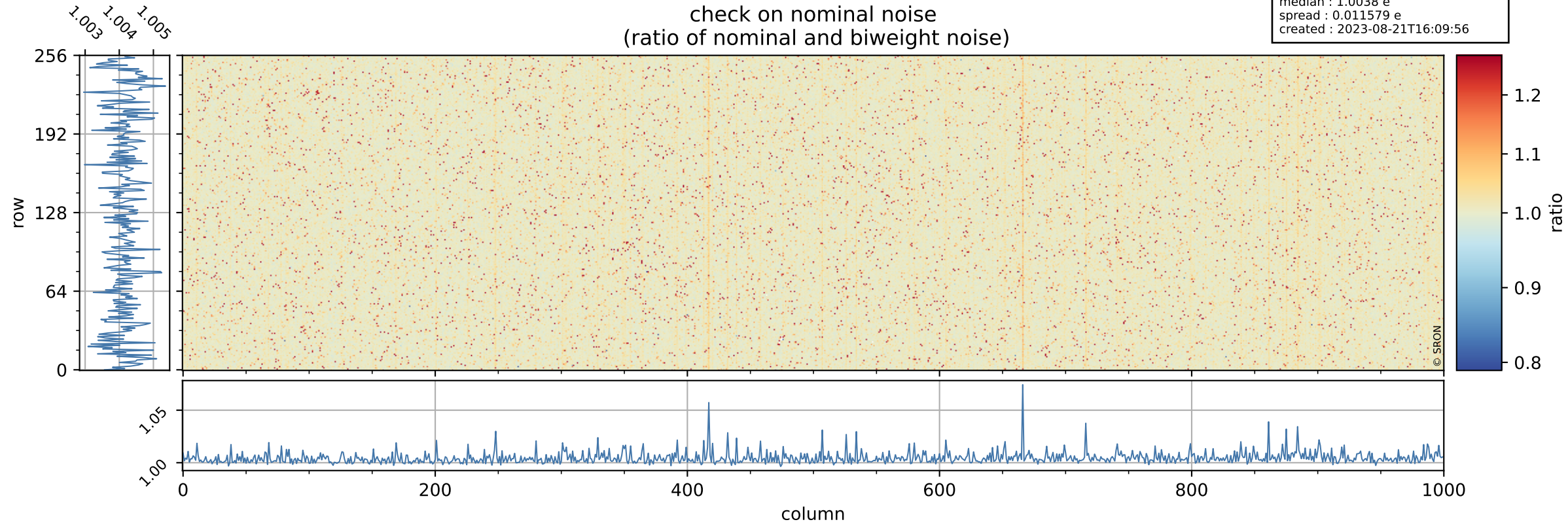
orbits : 13 in [20107, 20197]
coverage : 2021-08-30 / 2021-09-06
median : 0.99838 e
spread : 0.0077198 e
created : 2023-08-21T16:09:56



Tropomi SWIR background noise (swir)

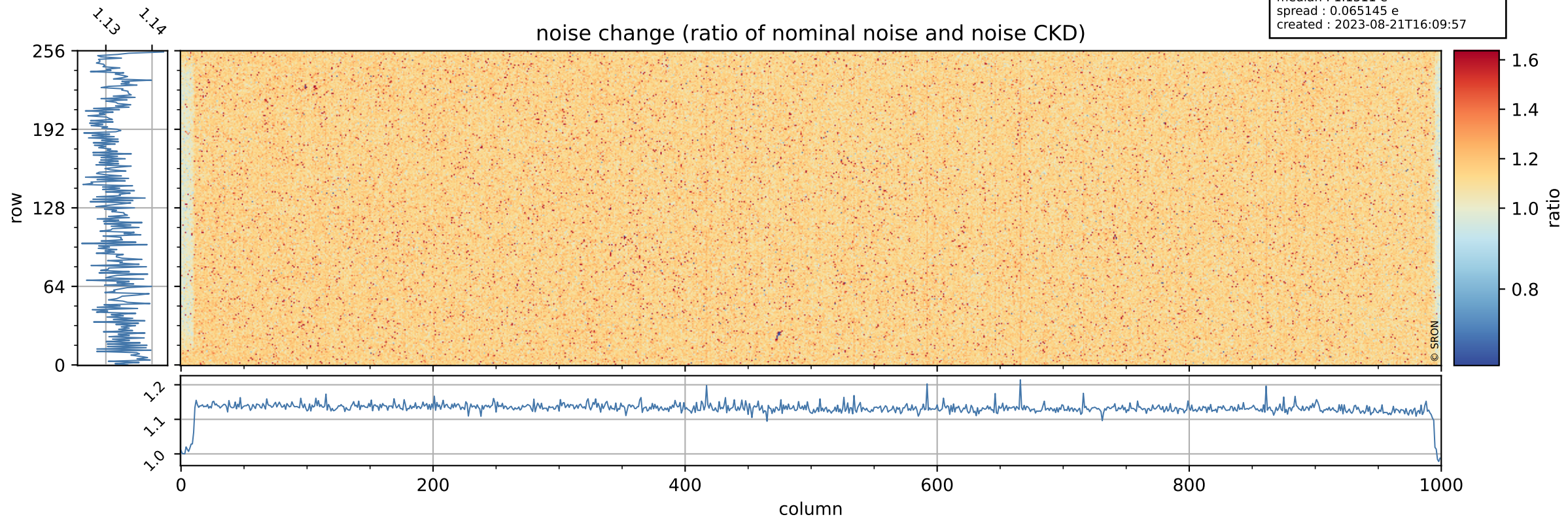
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [20107, 20197]
coverage : 2021-08-30 / 2021-09-06
median : 1.0038 e
spread : 0.011579 e
created : 2023-08-21T16:09:56



Tropomi SWIR background noise (swir)

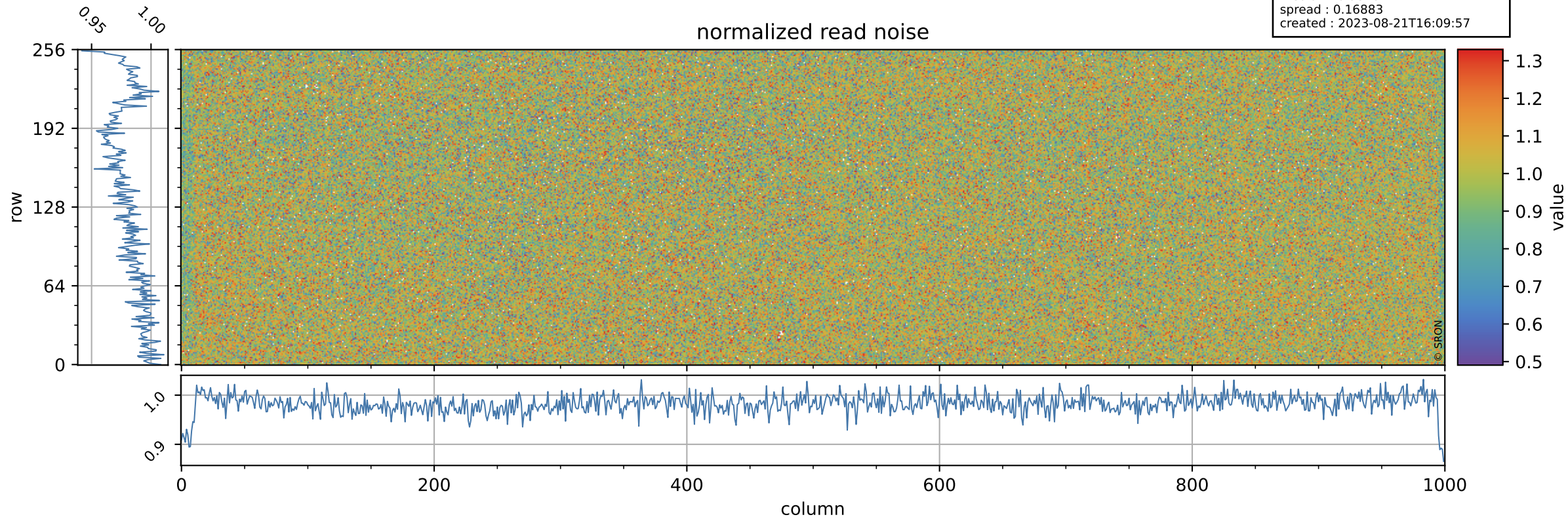
orbits : 13 in [20107, 20197]
coverage : 2021-08-30 / 2021-09-06
median : 1.1311 e
spread : 0.065145 e
created : 2023-08-21T16:09:57



Tropomi SWIR background noise (swir)

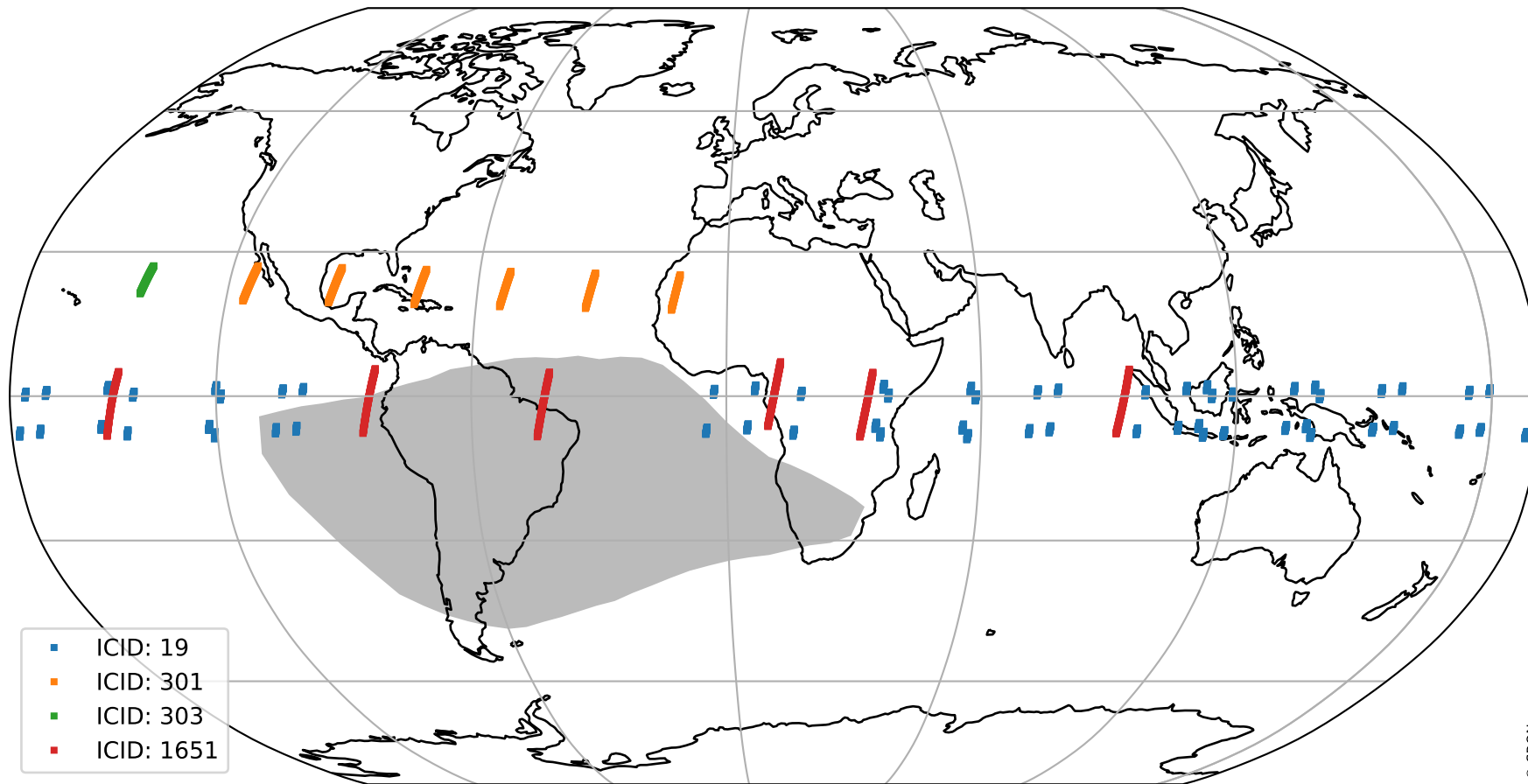
orbits : 13 in [20107, 20197]
coverage : 2021-08-30 / 2021-09-06
median : 0.9816
spread : 0.16883
created : 2023-08-21T16:09:57

normalized read noise



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

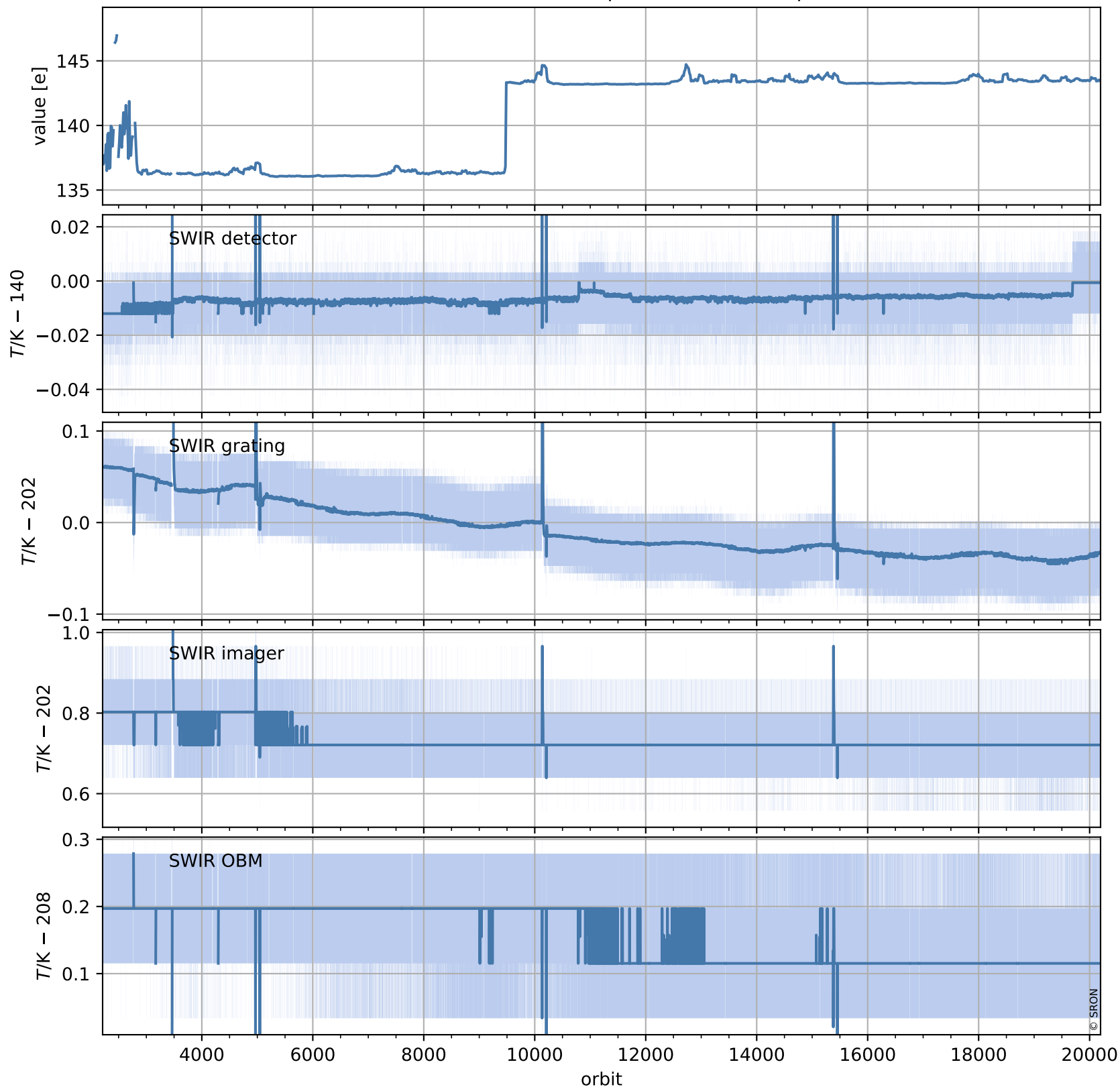
orbits : 13 in [20107, 20197]
coverage : 2021-08-30 / 2021-09-06
created : 2023-08-21T16:09:57



Tropomi SWIR background noise (swir)

orbits : [2212, 20197]
coverage : 2018-03-18 / 2021-09-06
created : 2023-08-21T16:09:58

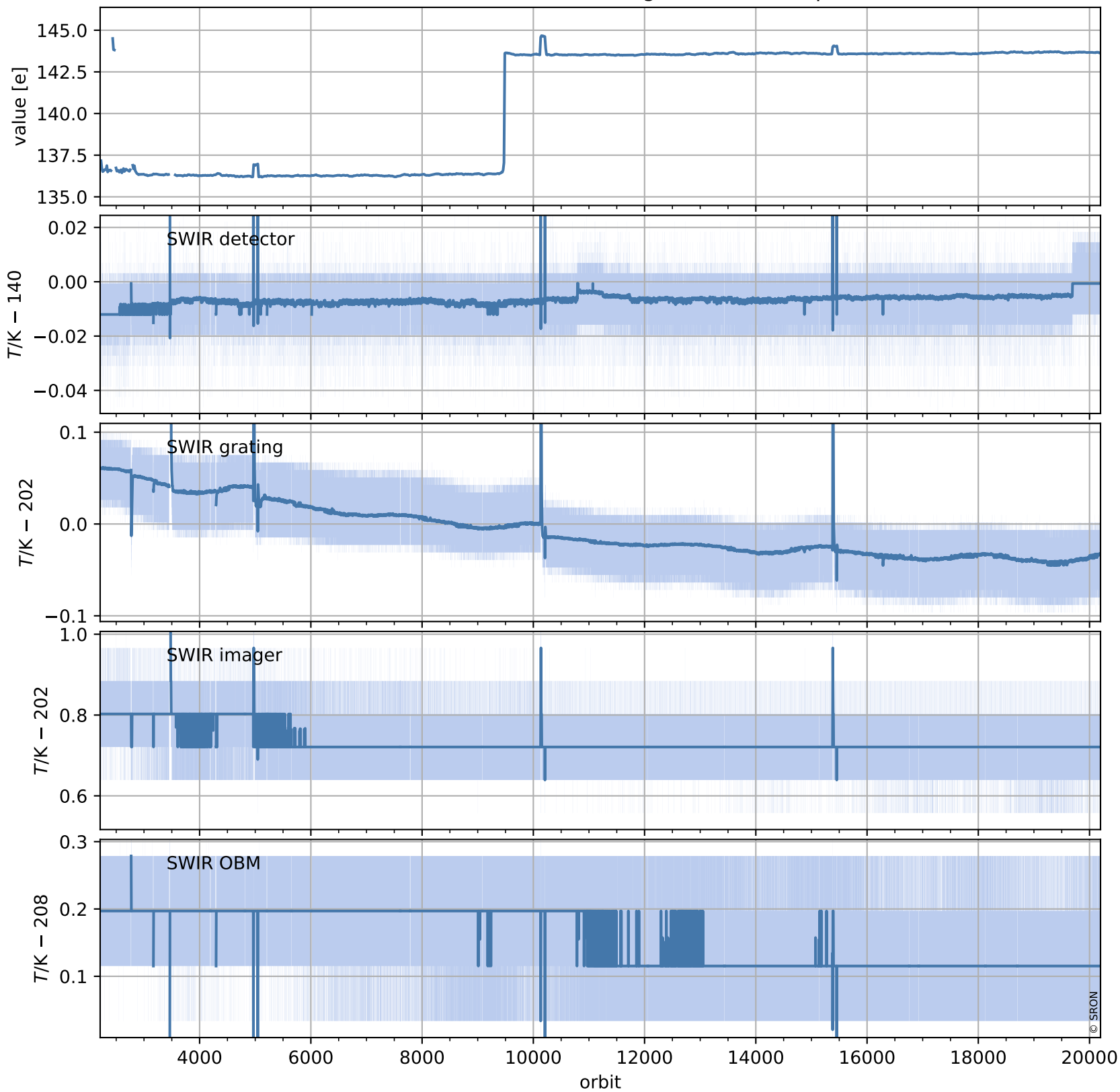
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20197]
coverage : 2018-03-18 / 2021-09-06
created : 2023-08-21T16:09:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20197]
coverage : 2018-03-18 / 2021-09-06
created : 2023-08-21T16:09:59

trend of normalized read-noise & temperatures

