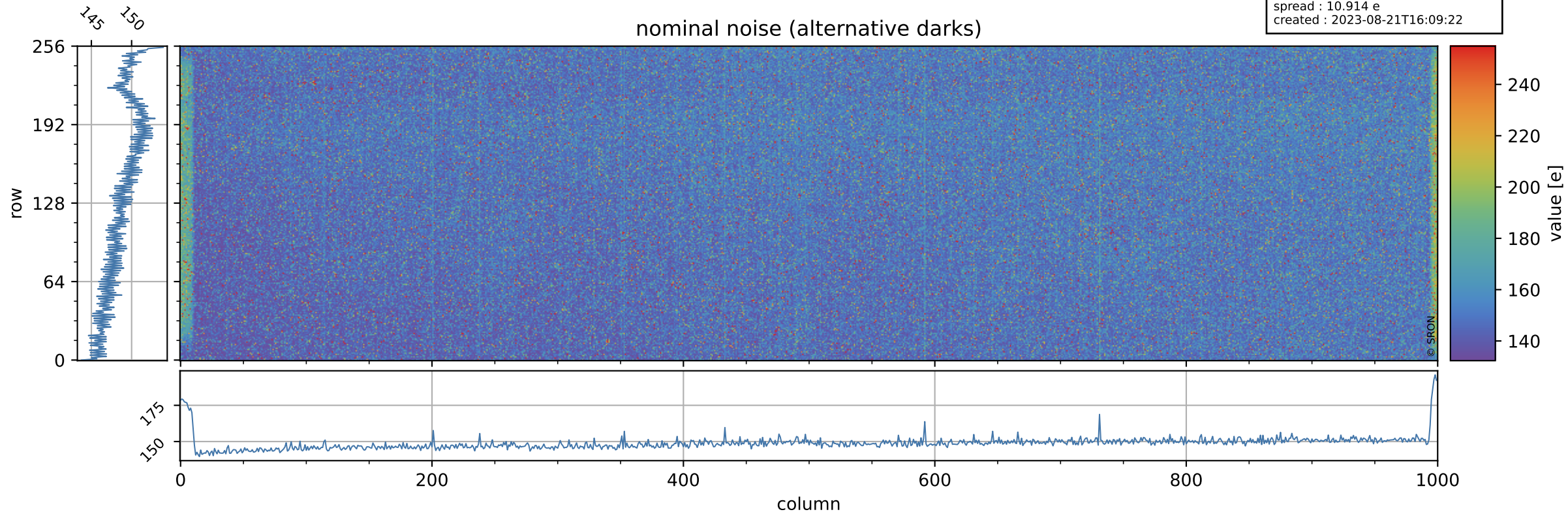


Tropomi SWIR background noise (swir)

orbits : 12 in [20017, 20107]
coverage : 2021-08-24 / 2021-08-30
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.914 e
created : 2023-08-21T16:09:22

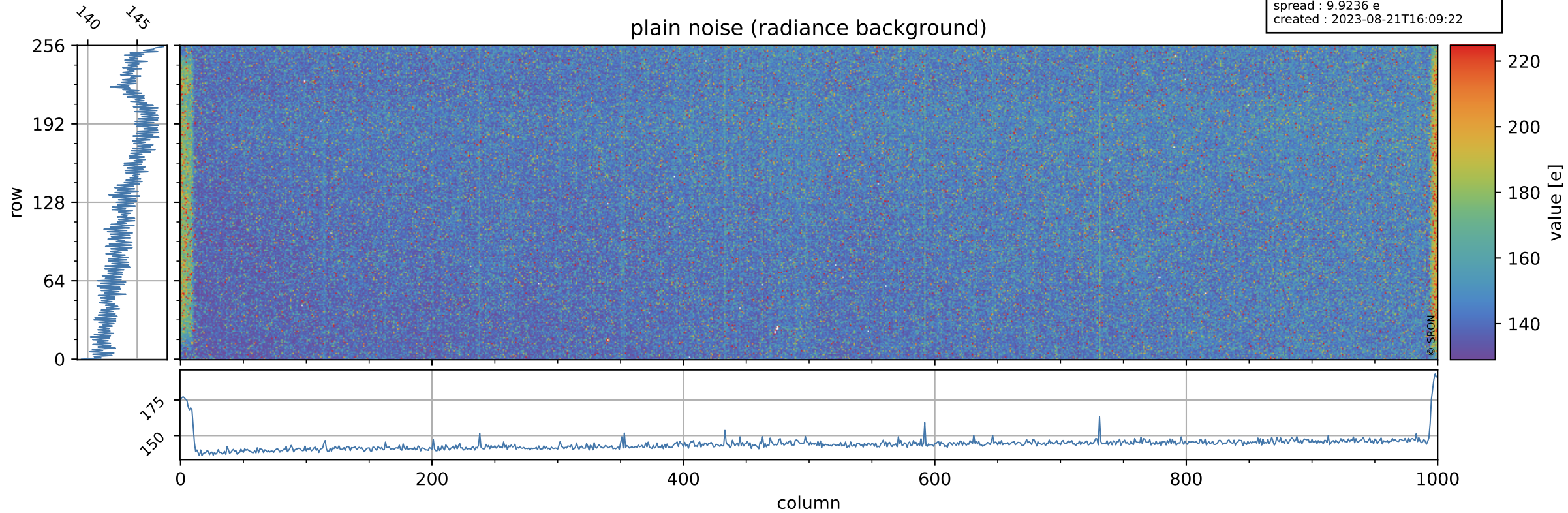
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20017, 20107]
coverage : 2021-08-24 / 2021-08-30
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9236 e
created : 2023-08-21T16:09:22

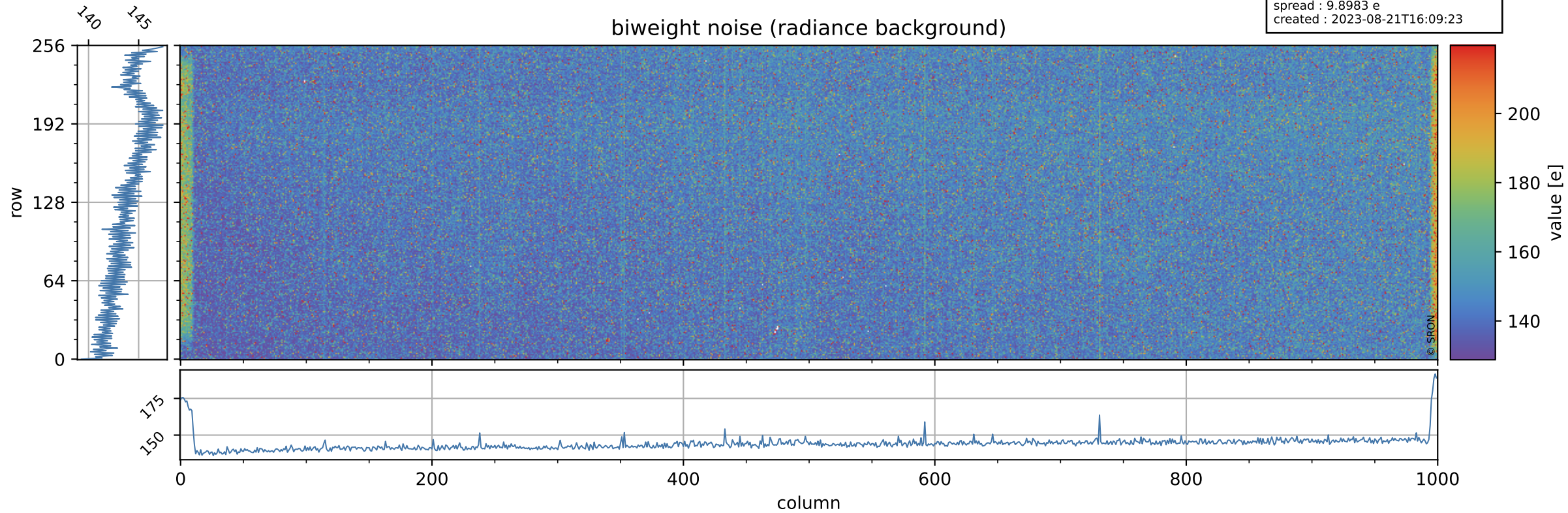
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20017, 20107]
coverage : 2021-08-24 / 2021-08-30
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.8983 e
created : 2023-08-21T16:09:23

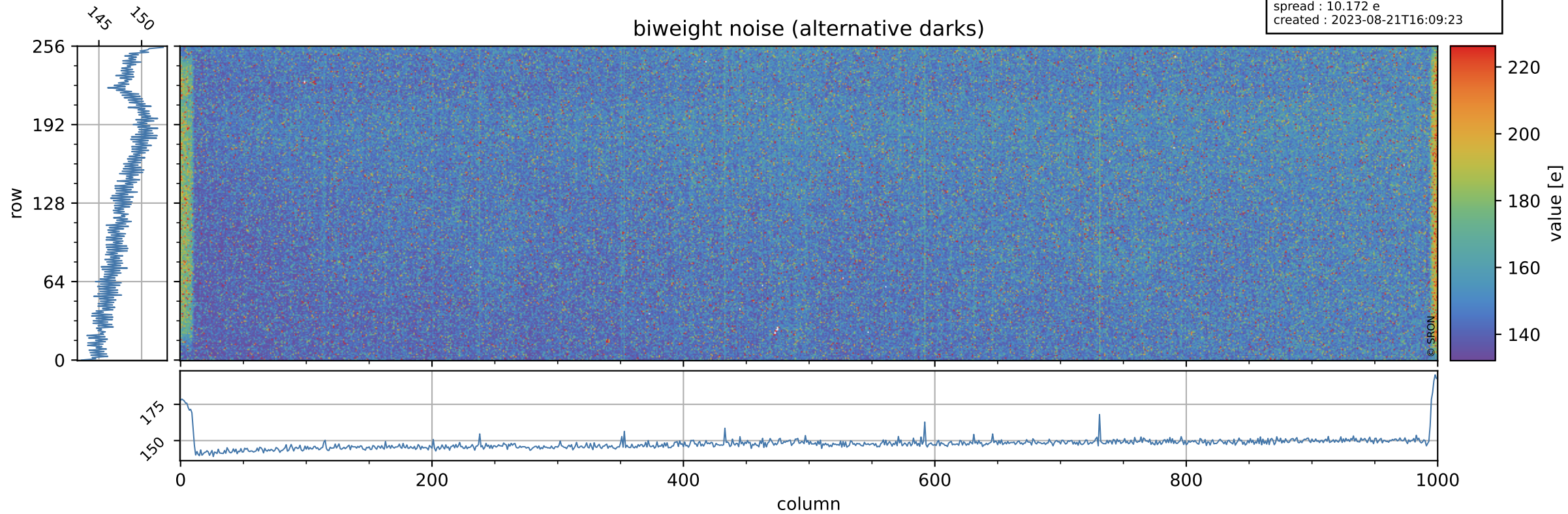
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20017, 20107]
coverage : 2021-08-24 / 2021-08-30
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.172 e
created : 2023-08-21T16:09:23

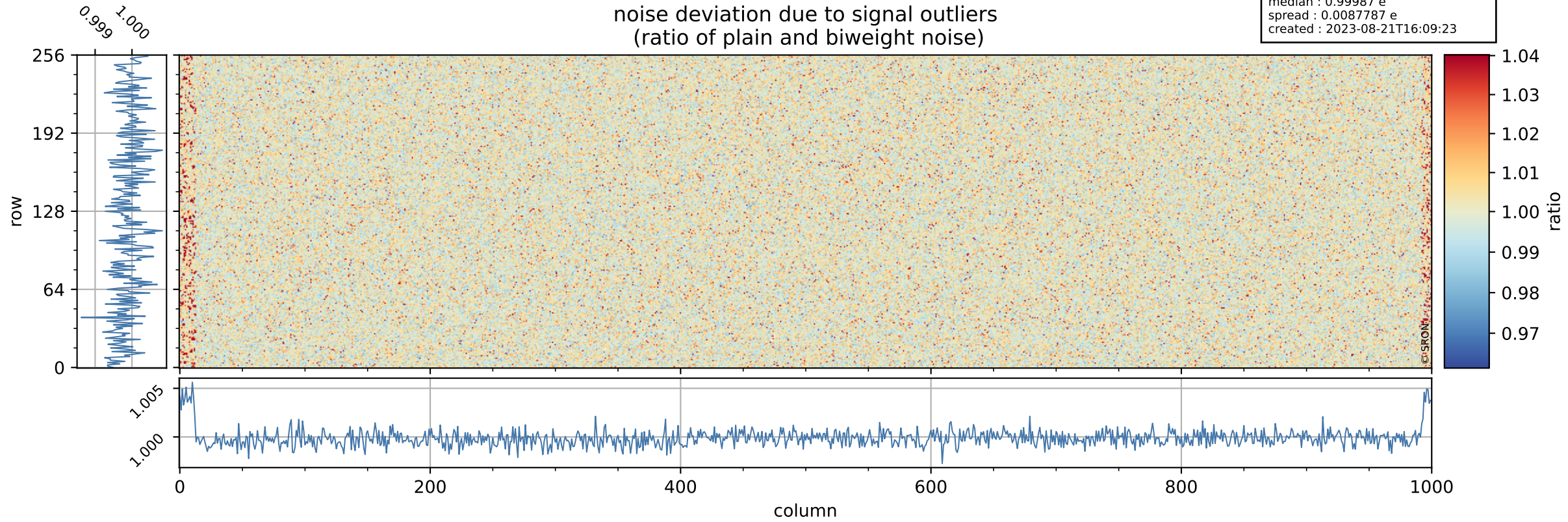
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

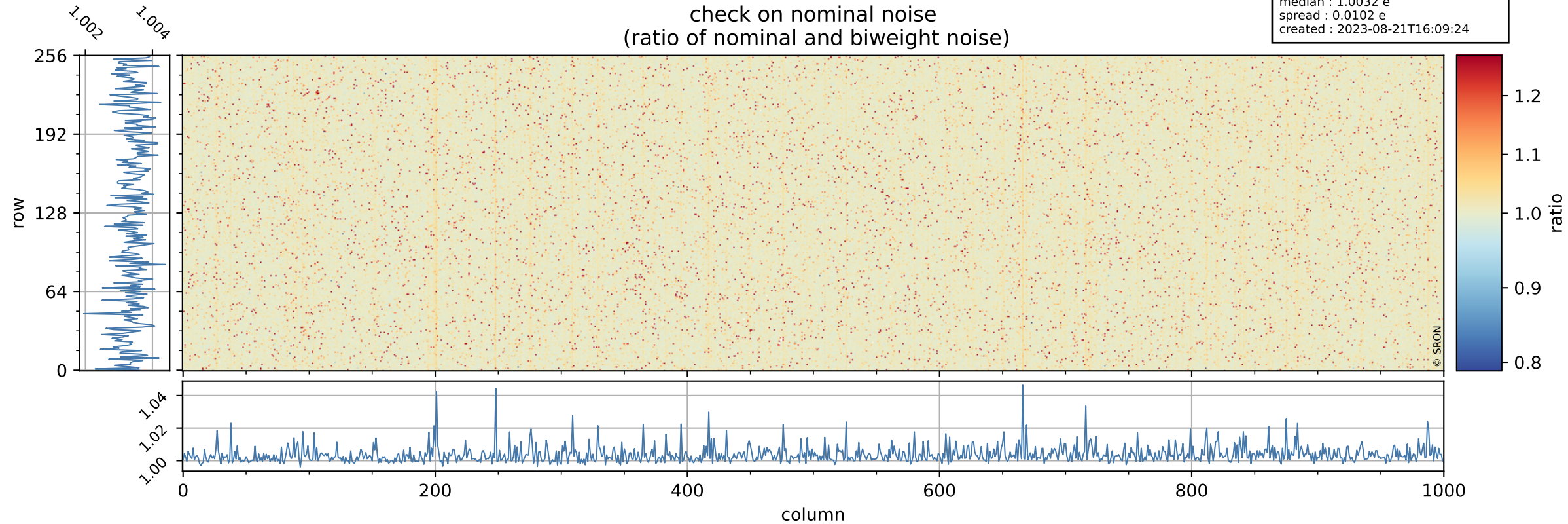
orbits : 12 in [20017, 20107]
coverage : 2021-08-24 / 2021-08-30
median : 0.99987 e
spread : 0.0087787 e
created : 2023-08-21T16:09:23



Tropomi SWIR background noise (swir)

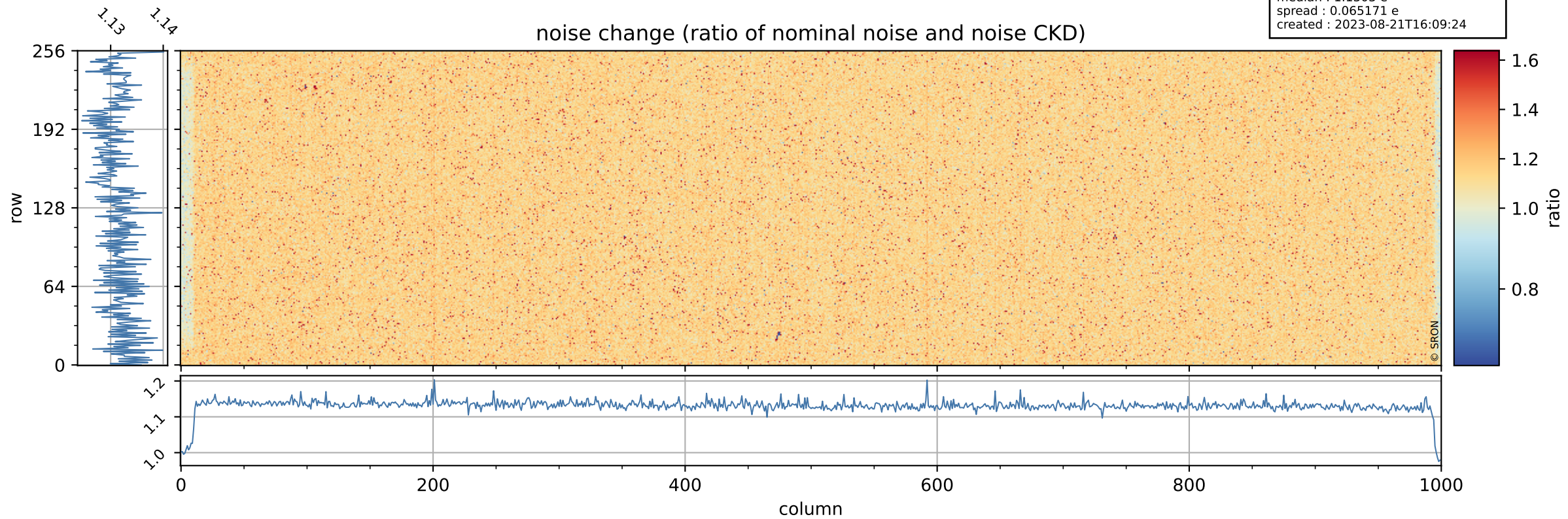
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20017, 20107]
coverage : 2021-08-24 / 2021-08-30
median : 1.0032 e
spread : 0.0102 e
created : 2023-08-21T16:09:24



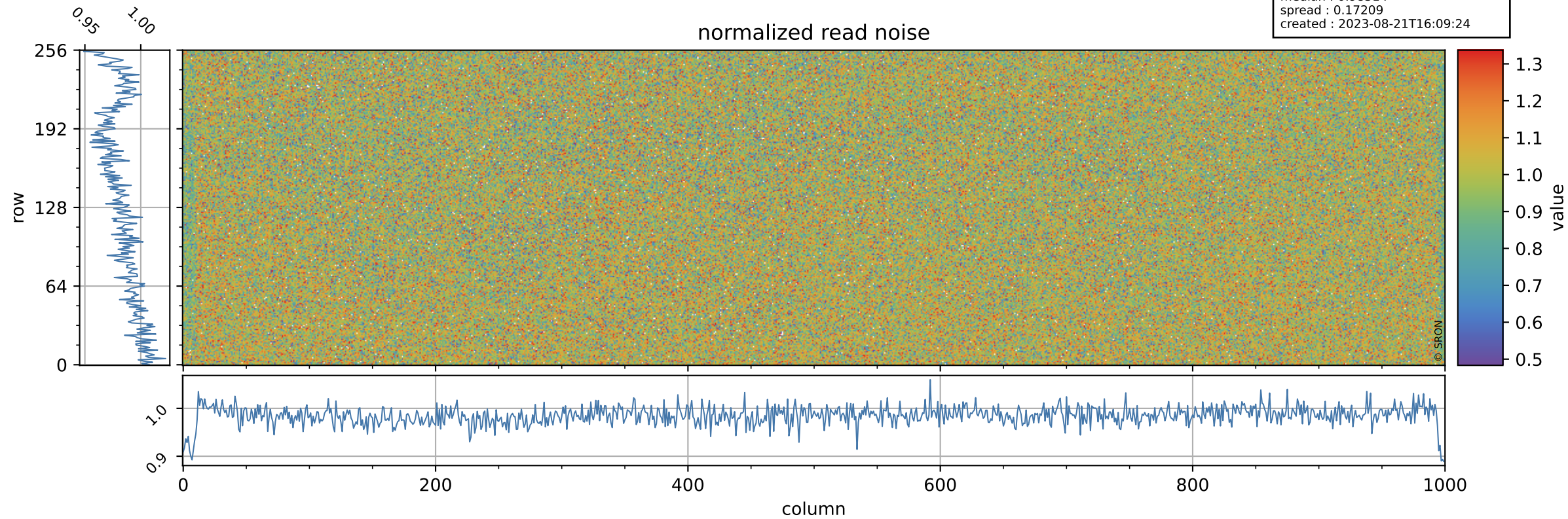
Tropomi SWIR background noise (swir)

orbits : 12 in [20017, 20107]
coverage : 2021-08-24 / 2021-08-30
median : 1.1303 e
spread : 0.065171 e
created : 2023-08-21T16:09:24



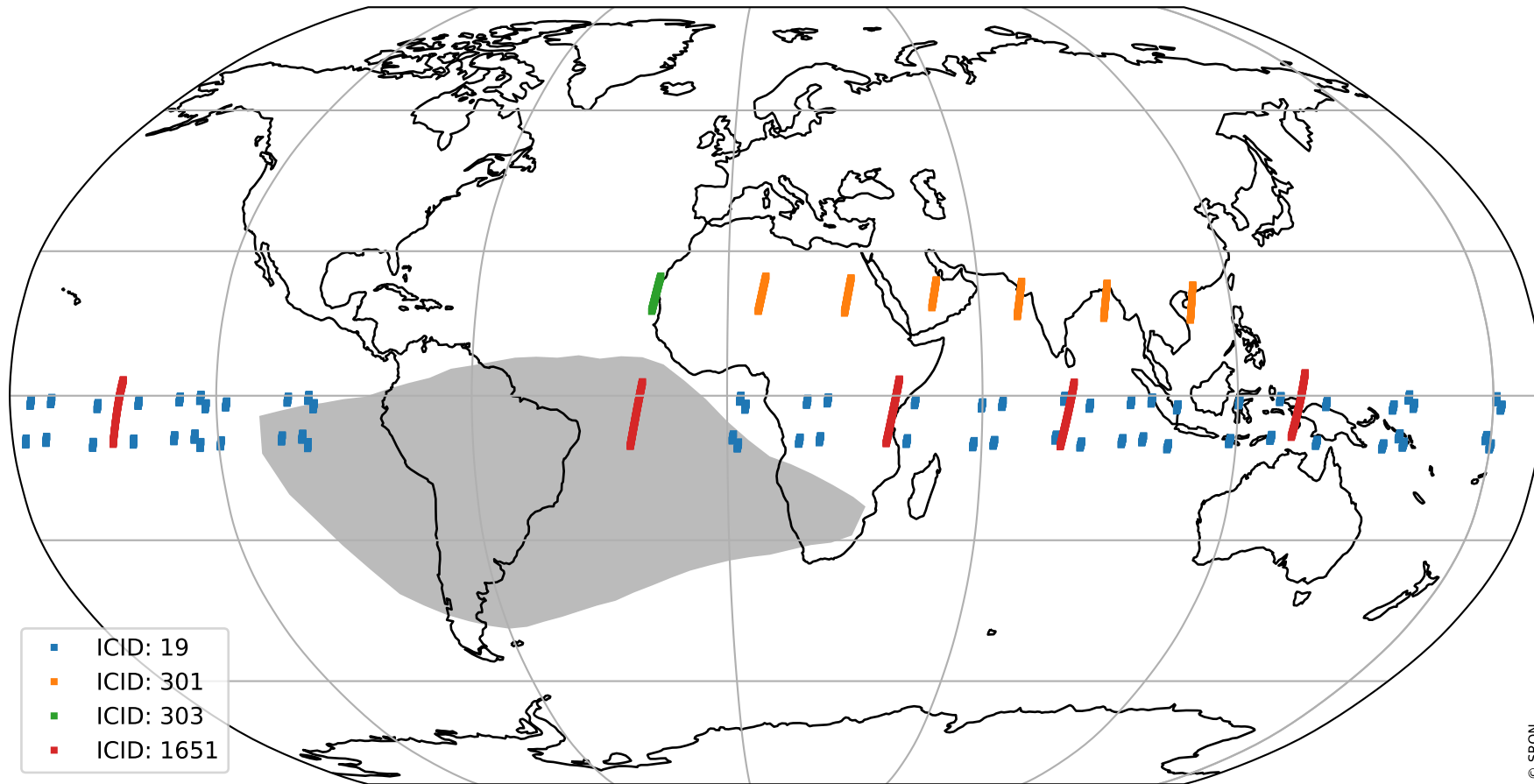
Tropomi SWIR background noise (swir)

orbits : 12 in [20017, 20107]
coverage : 2021-08-24 / 2021-08-30
median : 0.98314
spread : 0.17209
created : 2023-08-21T16:09:24



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

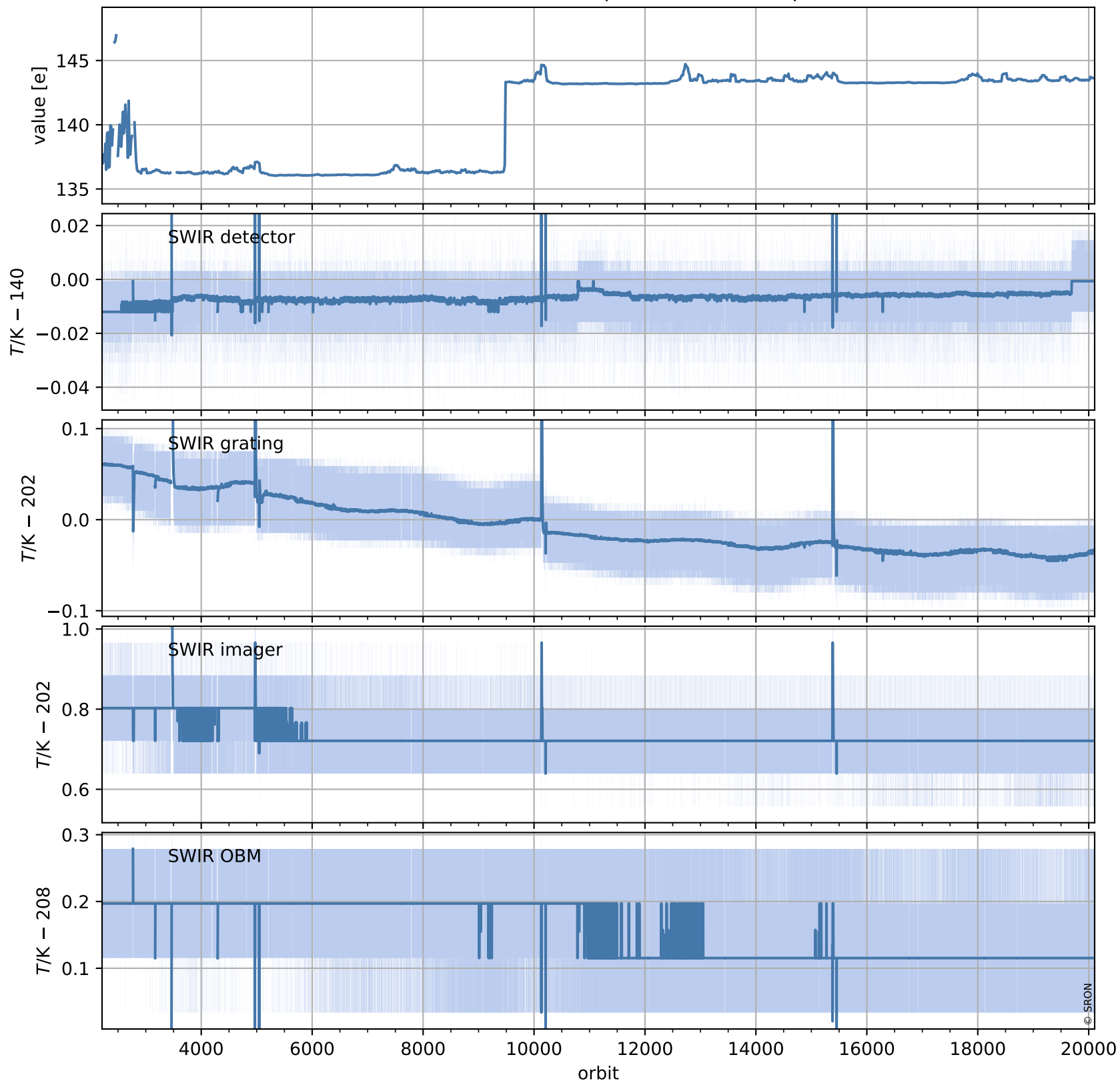
orbits : 12 in [20017, 20107]
coverage : 2021-08-24 / 2021-08-30
created : 2023-08-21T16:09:25



Tropomi SWIR background noise (swir)

orbits : [2212, 20107]
coverage : 2018-03-18 / 2021-08-30
created : 2023-08-21T16:09:25

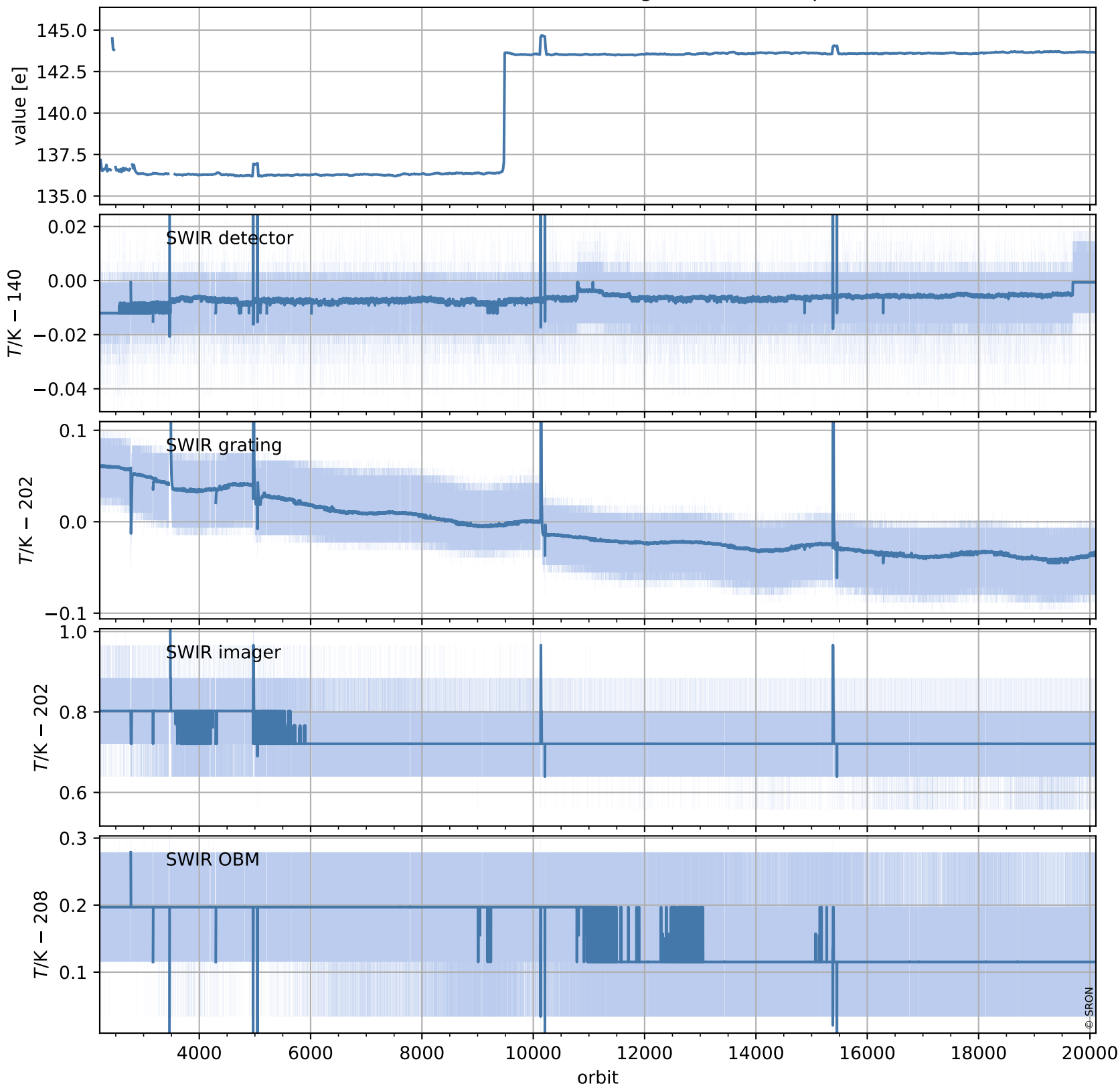
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20107]
coverage : 2018-03-18 / 2021-08-30
created : 2023-08-21T16:09:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20107]
coverage : 2018-03-18 / 2021-08-30
created : 2023-08-21T16:09:27

trend of normalized read-noise & temperatures

