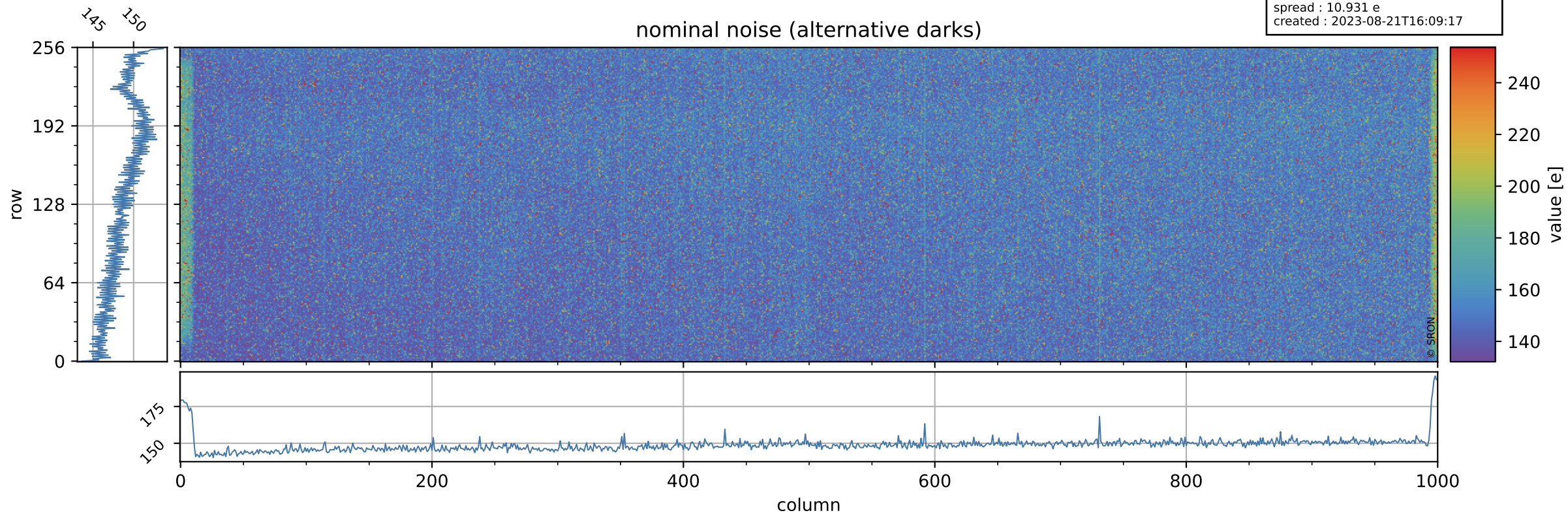


Tropomi SWIR background noise (swir)

orbits : 12 in [20017, 20092]
coverage : 2021-08-23 / 2021-08-28
n_coad, t_exp : 1, 1.0783
median : 148.64 e
spread : 10.931 e
created : 2023-08-21T16:09:17

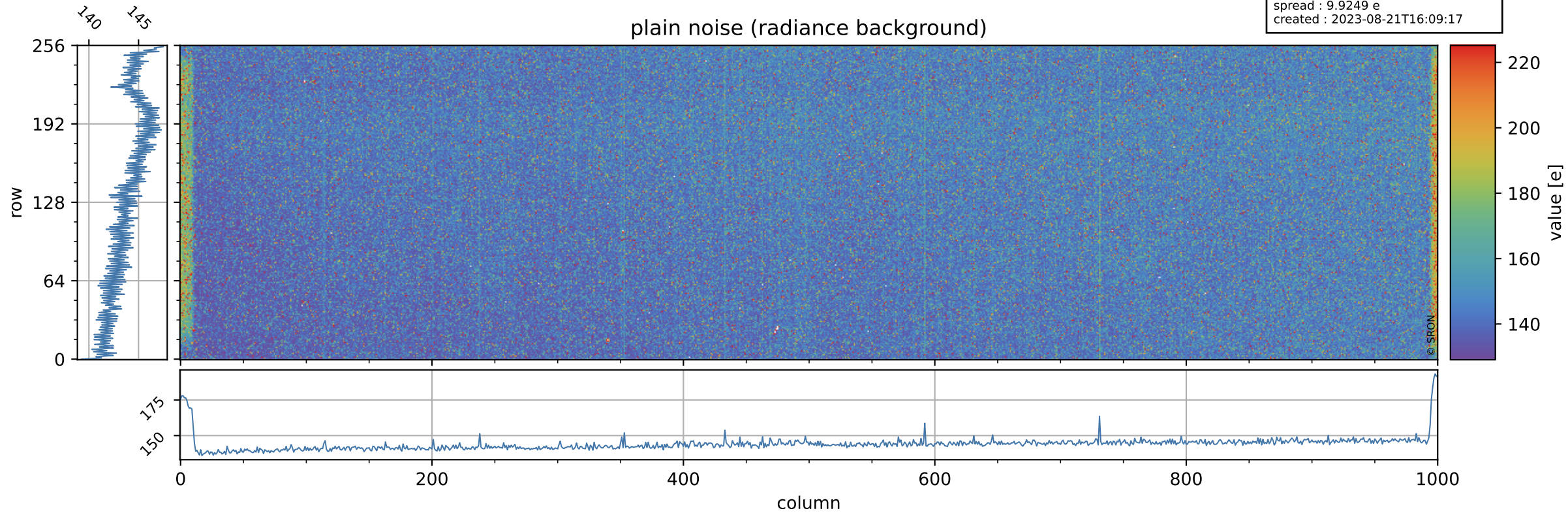
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20017, 20092]
coverage : 2021-08-23 / 2021-08-28
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9249 e
created : 2023-08-21T16:09:17

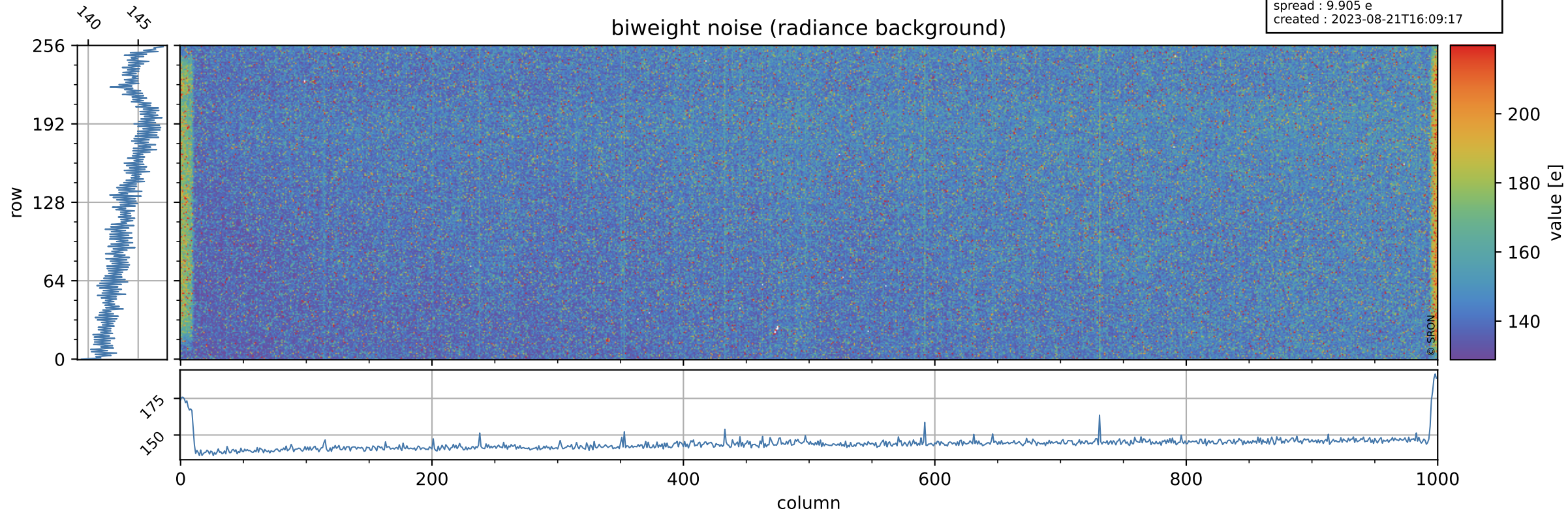
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20017, 20092]
coverage : 2021-08-23 / 2021-08-28
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.905 e
created : 2023-08-21T16:09:17

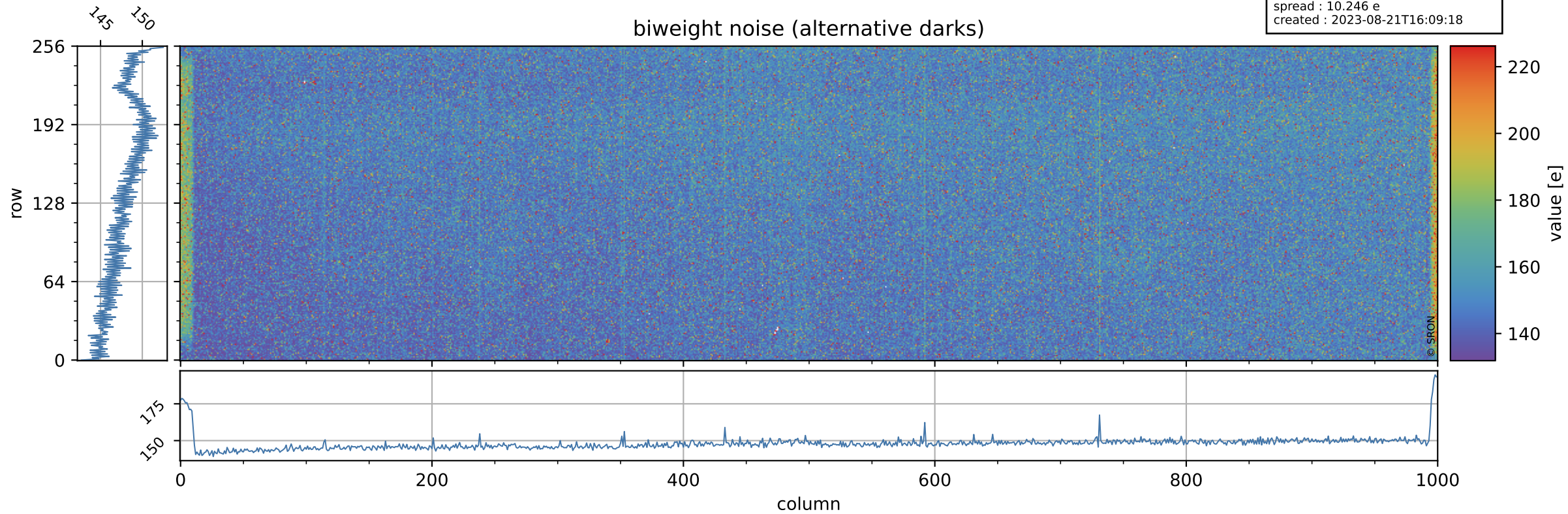
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20017, 20092]
coverage : 2021-08-23 / 2021-08-28
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.246 e
created : 2023-08-21T16:09:18

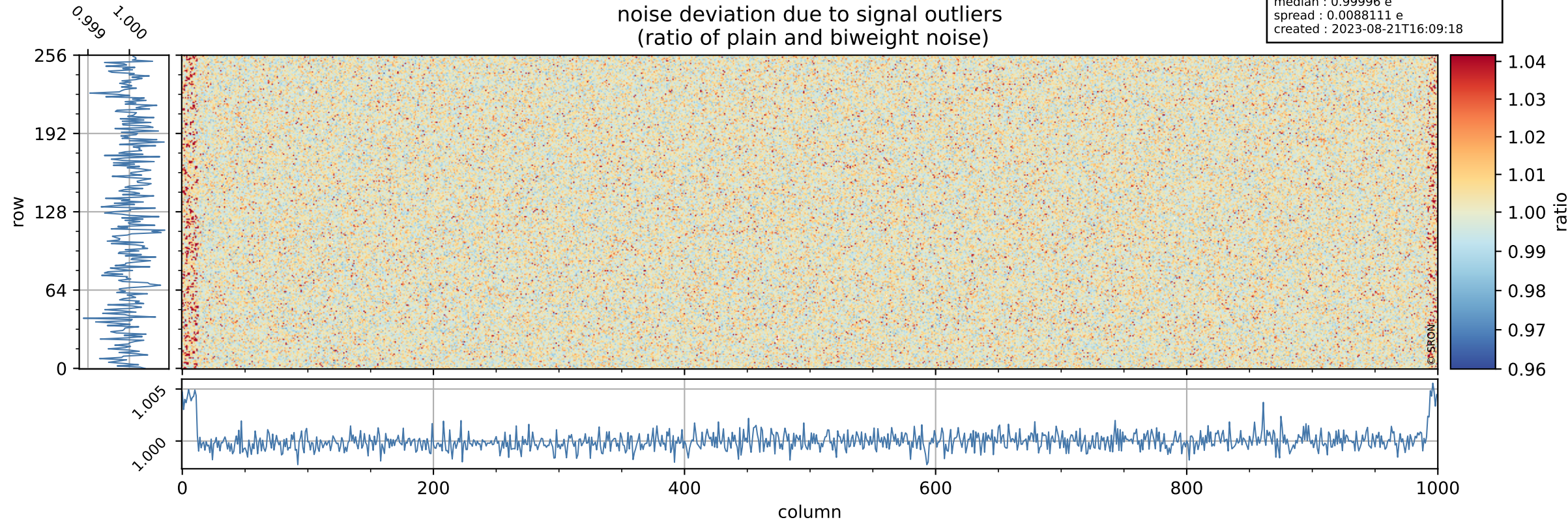
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

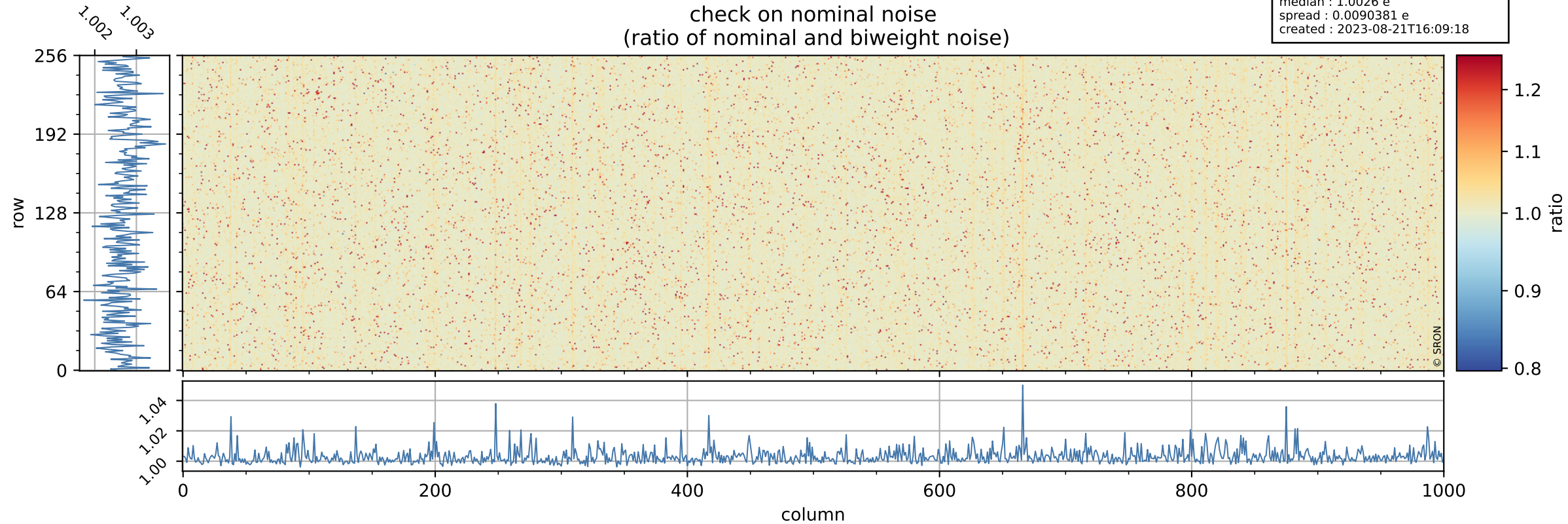
orbits : 12 in [20017, 20092]
coverage : 2021-08-23 / 2021-08-28
median : 0.99996 e
spread : 0.0088111 e
created : 2023-08-21T16:09:18



Tropomi SWIR background noise (swir)

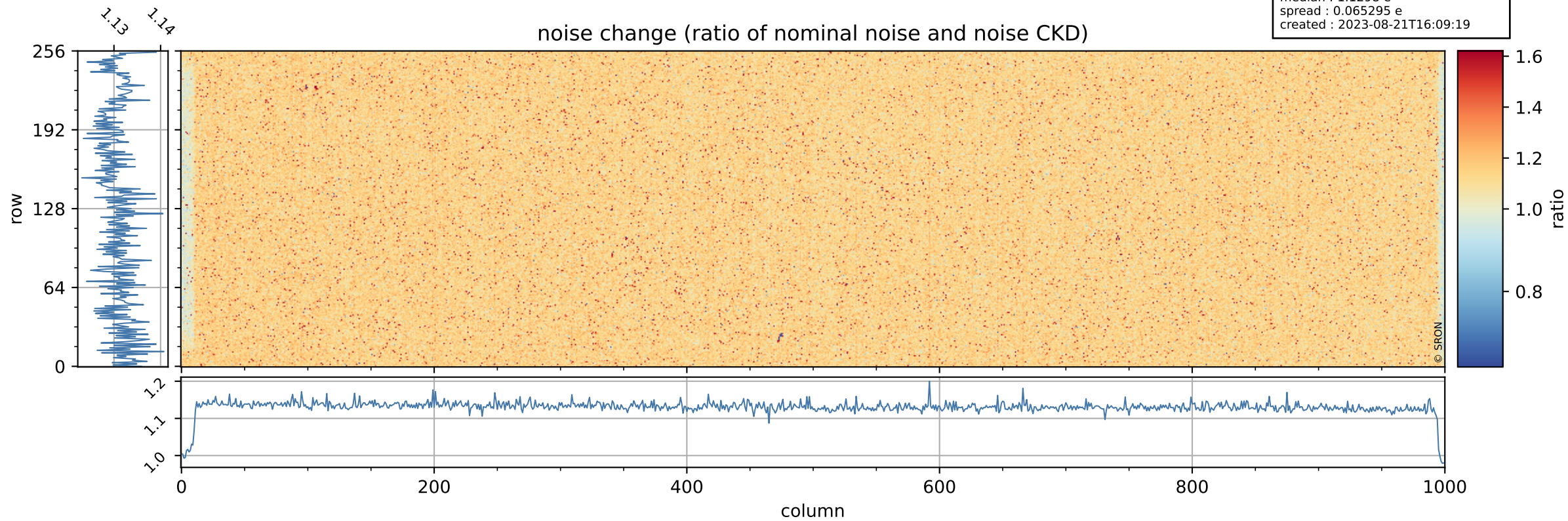
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20017, 20092]
coverage : 2021-08-23 / 2021-08-28
median : 1.0026 e
spread : 0.0090381 e
created : 2023-08-21T16:09:18



Tropomi SWIR background noise (swir)

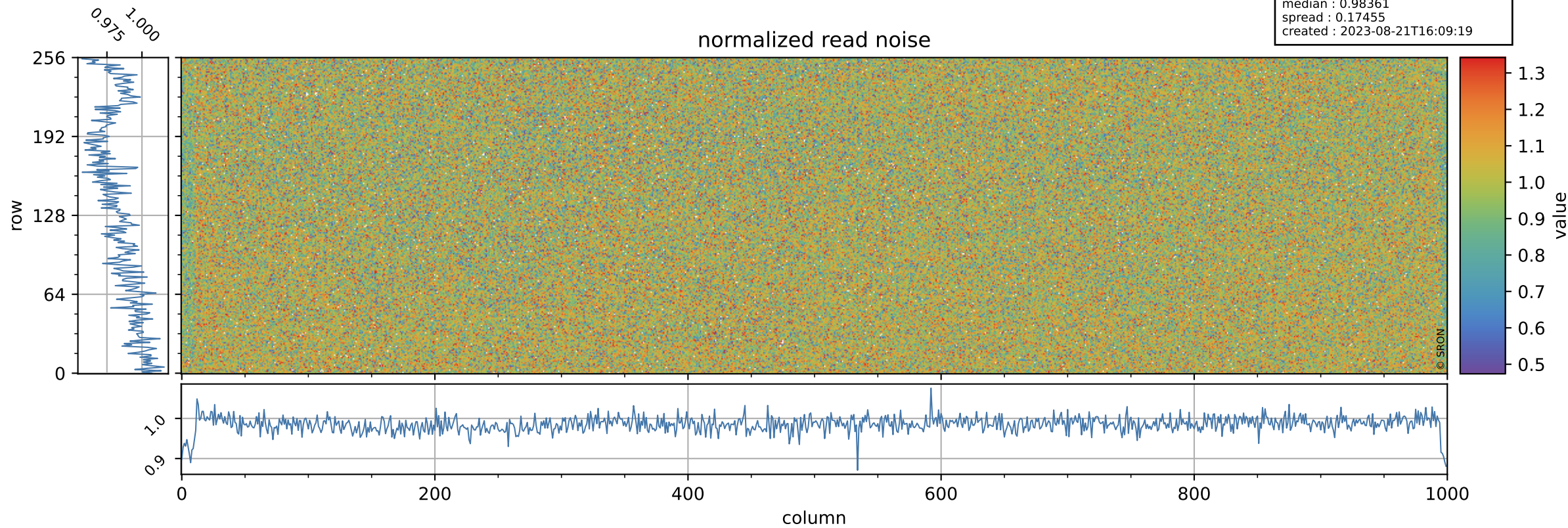
orbits : 12 in [20017, 20092]
coverage : 2021-08-23 / 2021-08-28
median : 1.1298 e
spread : 0.065295 e
created : 2023-08-21T16:09:19



Tropomi SWIR background noise (swir)

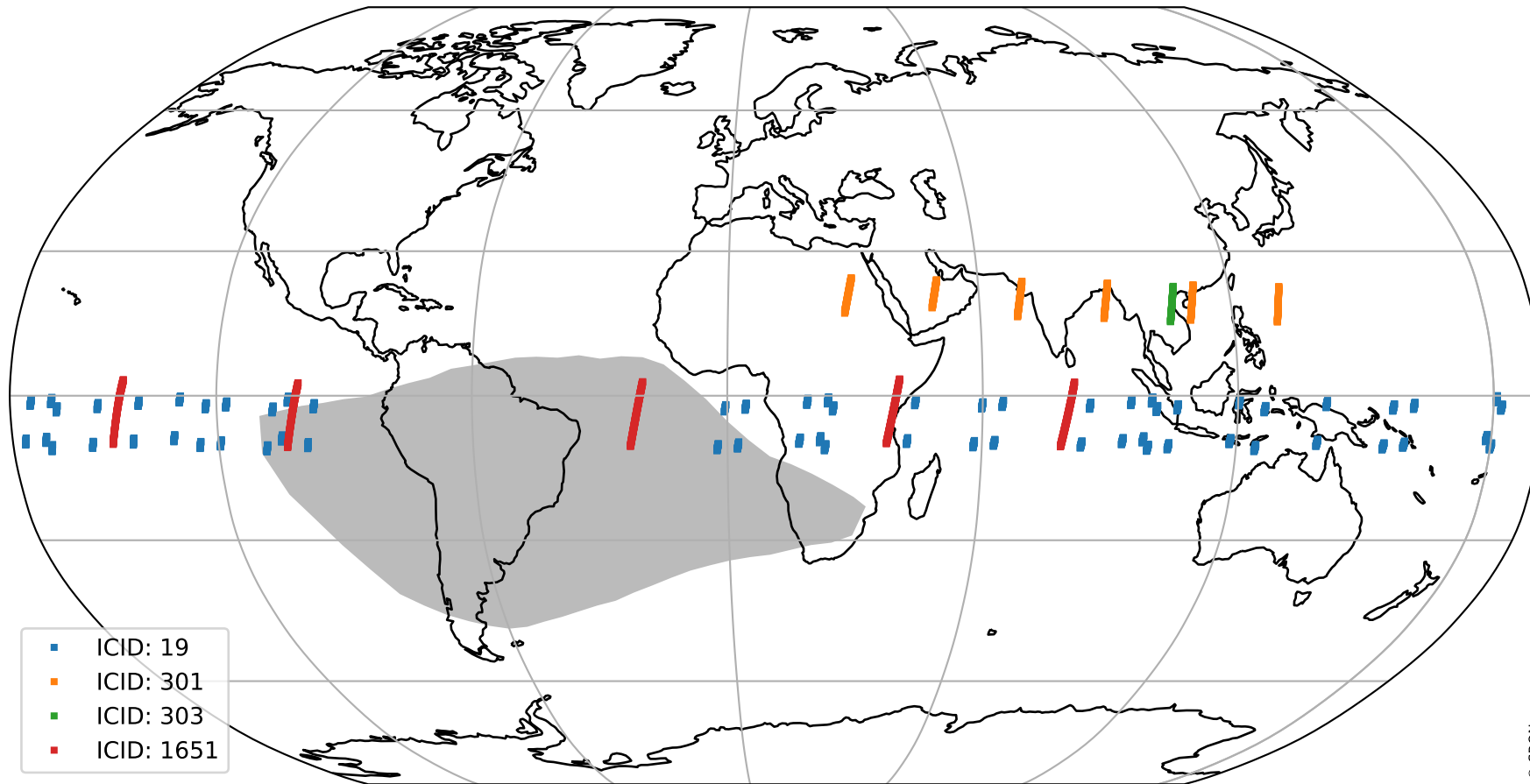
orbits : 12 in [20017, 20092]
coverage : 2021-08-23 / 2021-08-28
median : 0.98361
spread : 0.17455
created : 2023-08-21T16:09:19

normalized read noise



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

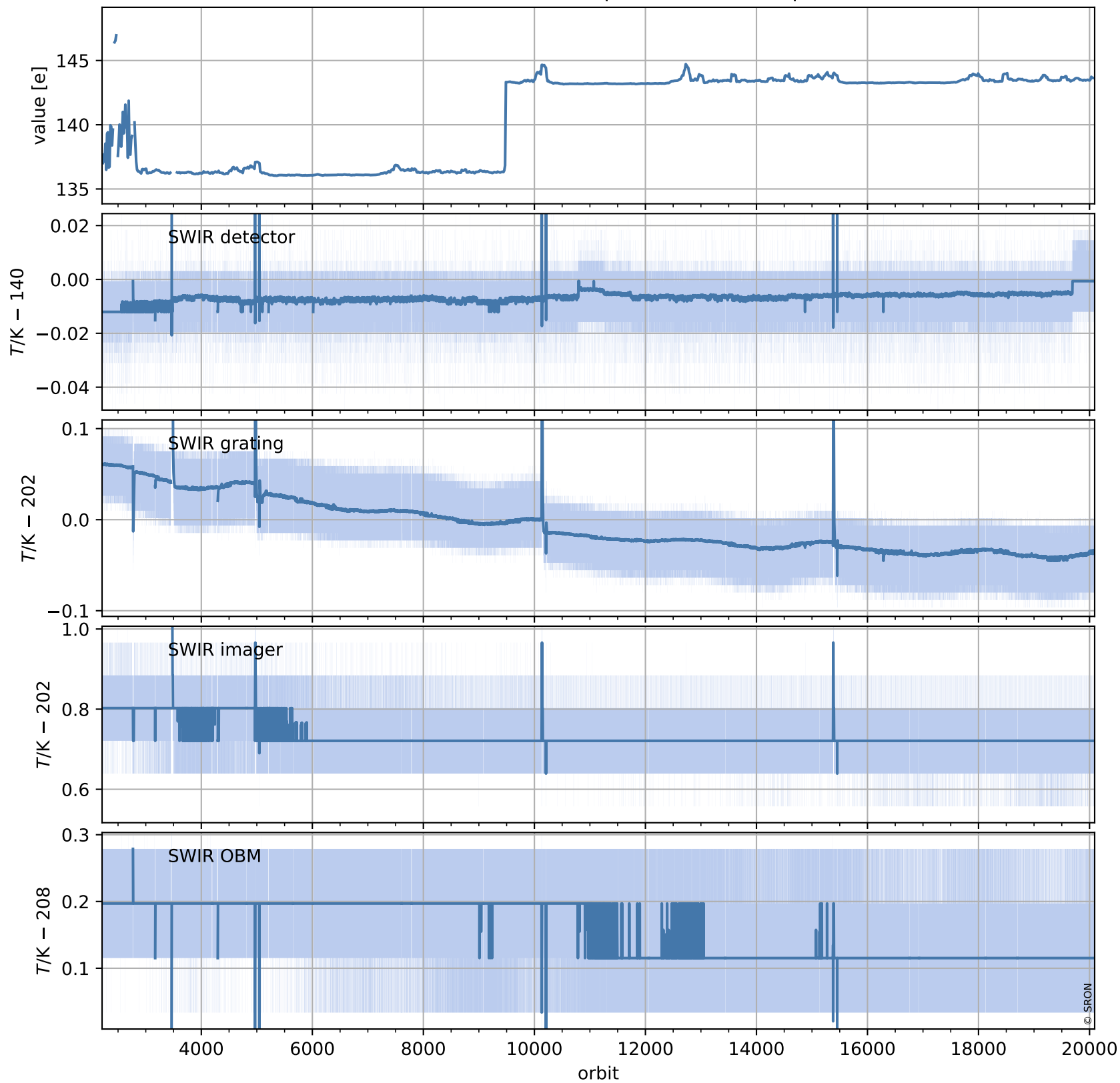
orbits : 12 in [20017, 20092]
coverage : 2021-08-23 / 2021-08-28
created : 2023-08-21T16:09:19



Tropomi SWIR background noise (swir)

orbits : [2212, 20092]
coverage : 2018-03-18 / 2021-08-28
created : 2023-08-21T16:09:19

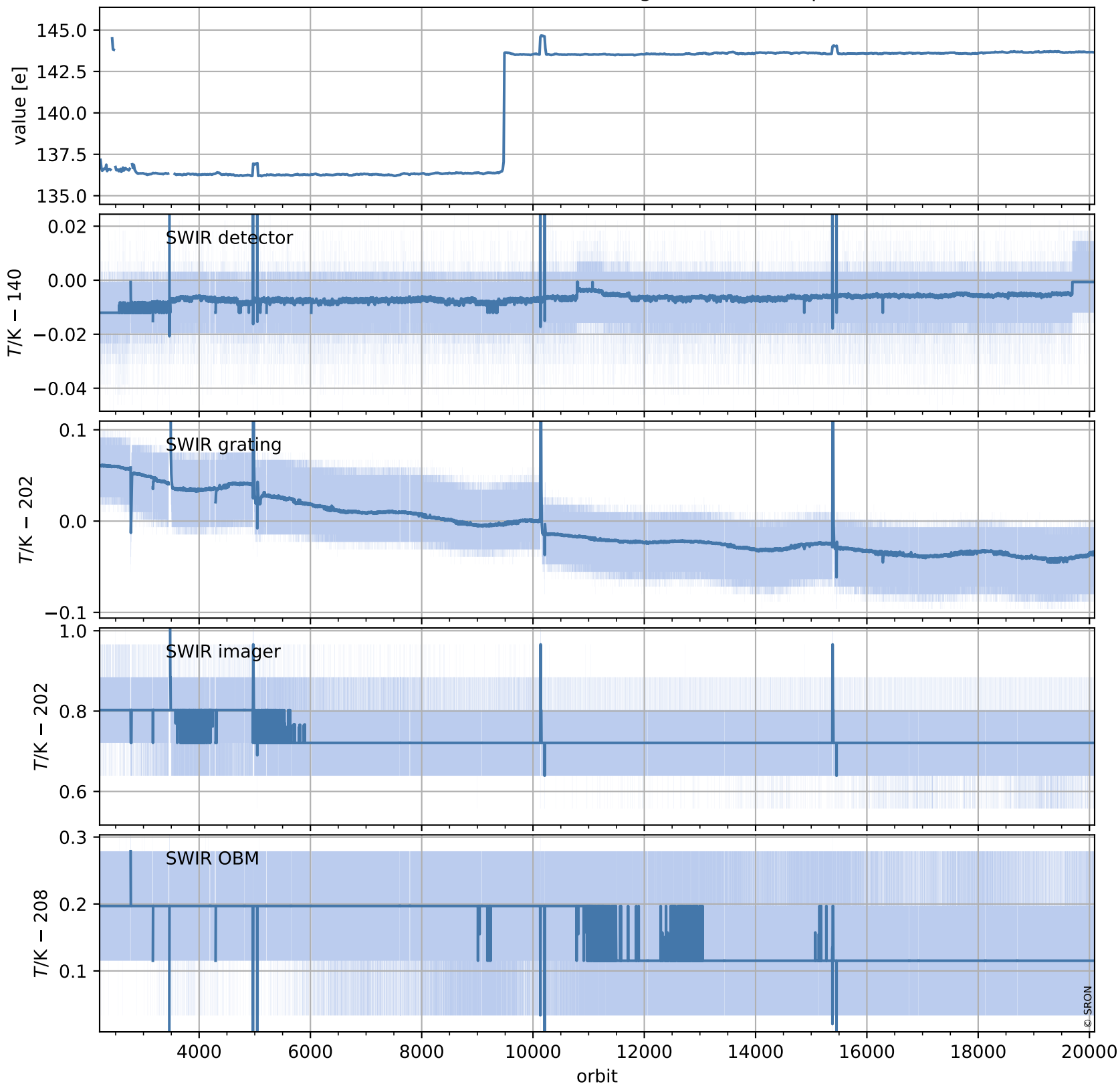
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20092]
coverage : 2018-03-18 / 2021-08-28
created : 2023-08-21T16:09:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20092]
coverage : 2018-03-18 / 2021-08-28
created : 2023-08-21T16:09:21

trend of normalized read-noise & temperatures

