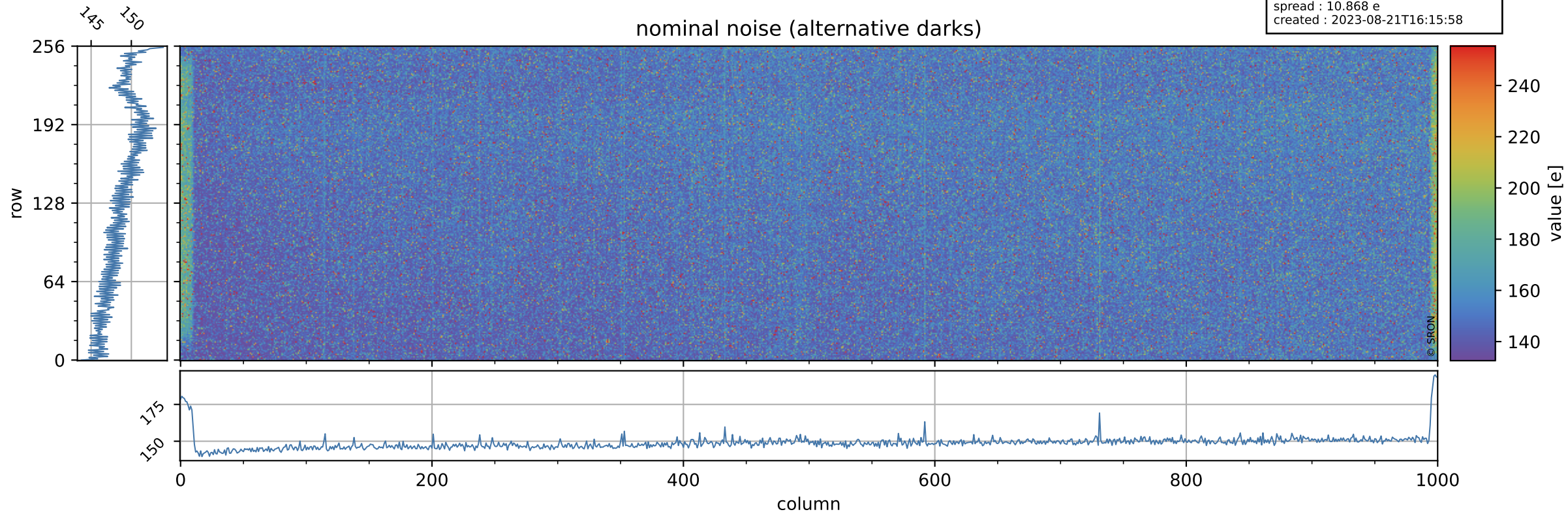


Tropomi SWIR background noise (swir)

orbits : 12 in [21097, 21172]
coverage : 2021-11-07 / 2021-11-13
n_coad, t_exp : 1, 1.0783
median : 148.68 e
spread : 10.868 e
created : 2023-08-21T16:15:58

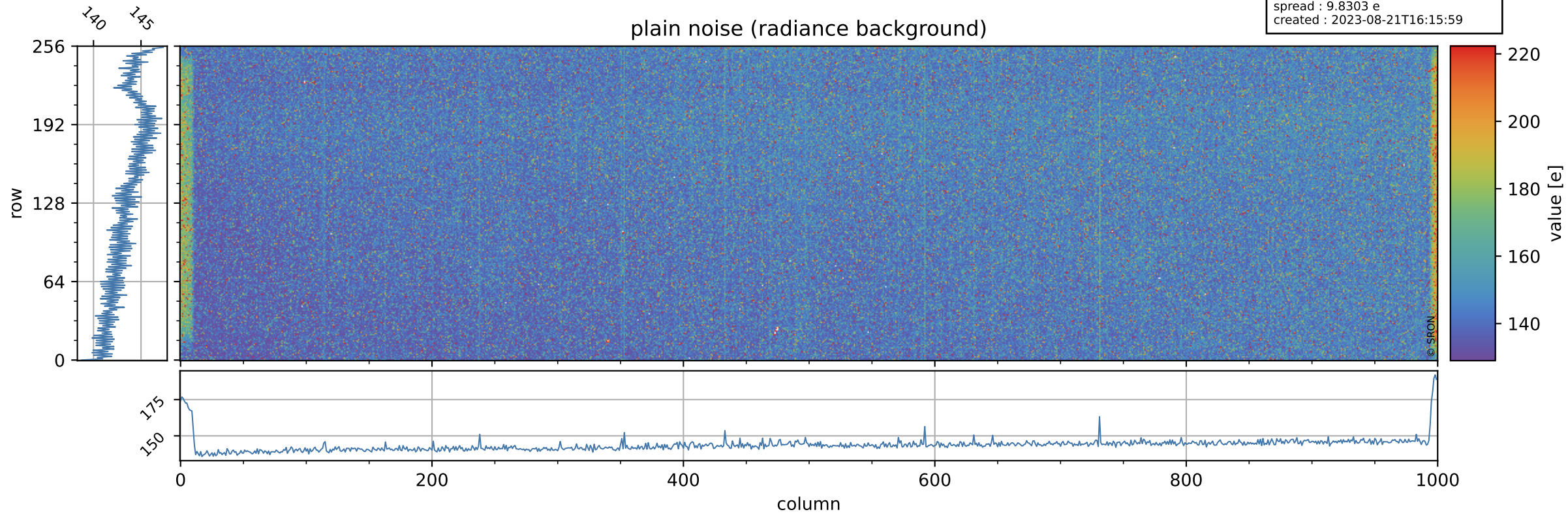
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21097, 21172]
coverage : 2021-11-07 / 2021-11-13
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.8303 e
created : 2023-08-21T16:15:59

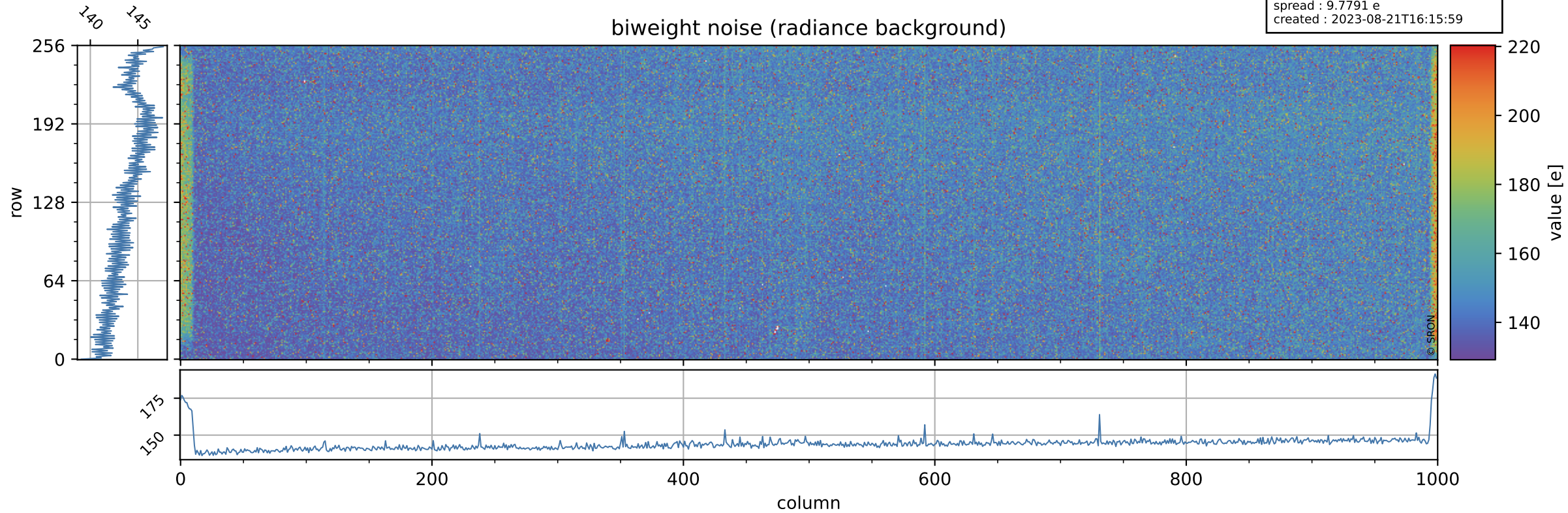
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21097, 21172]
coverage : 2021-11-07 / 2021-11-13
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.7791 e
created : 2023-08-21T16:15:59

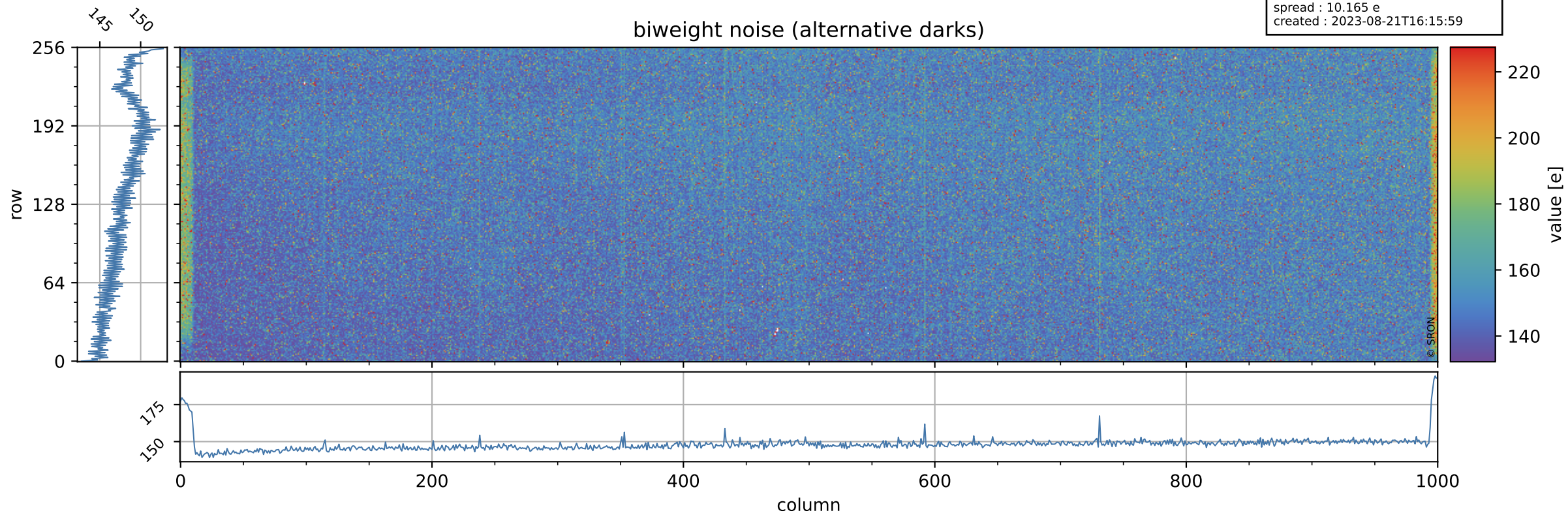
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21097, 21172]
coverage : 2021-11-07 / 2021-11-13
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.165 e
created : 2023-08-21T16:15:59

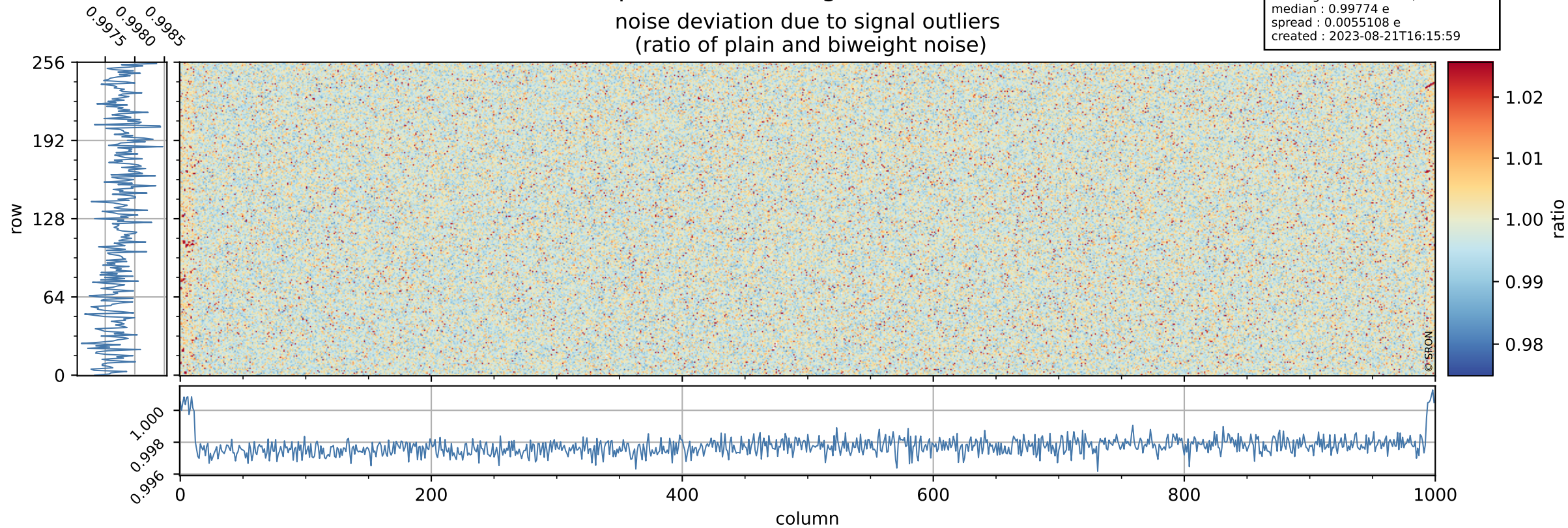
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

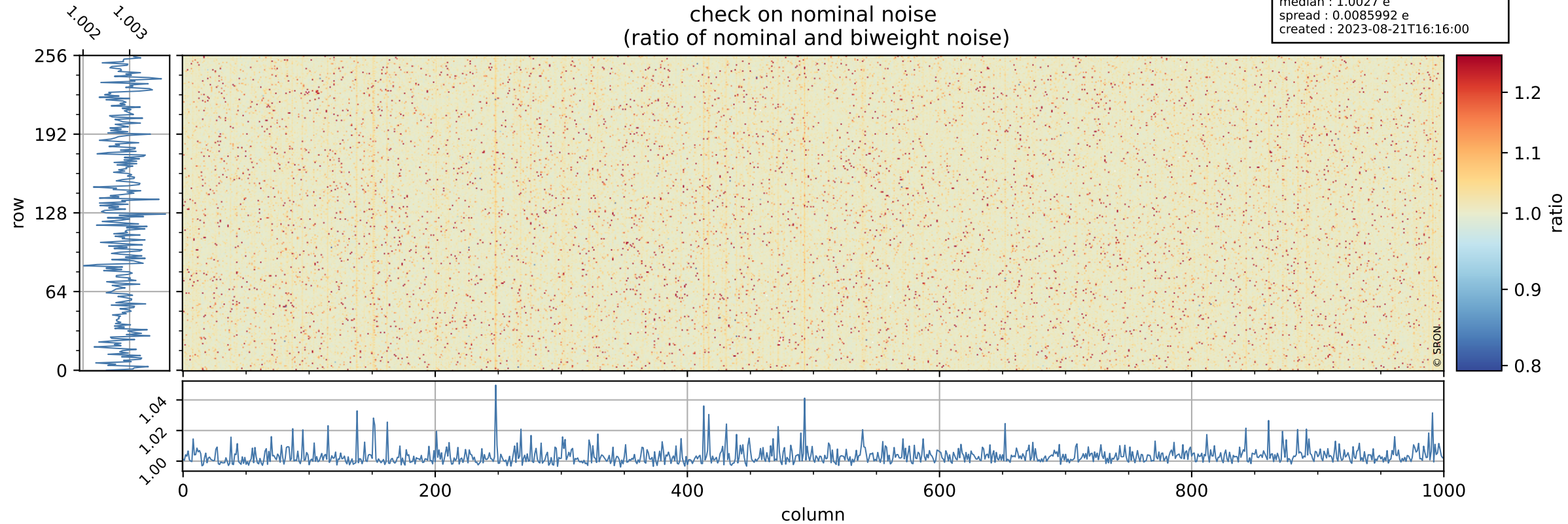
orbits : 12 in [21097, 21172]
coverage : 2021-11-07 / 2021-11-13
median : 0.99774 e
spread : 0.0055108 e
created : 2023-08-21T16:15:59



Tropomi SWIR background noise (swir)

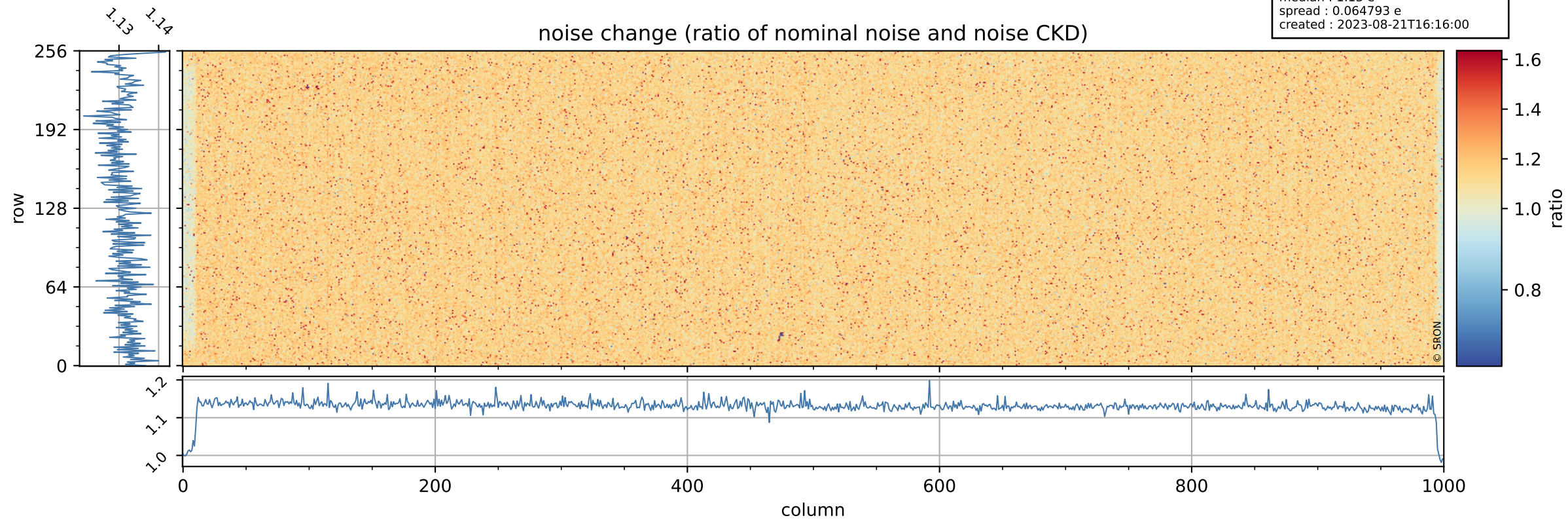
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21097, 21172]
coverage : 2021-11-07 / 2021-11-13
median : 1.0027 e
spread : 0.0085992 e
created : 2023-08-21T16:16:00



Tropomi SWIR background noise (swir)

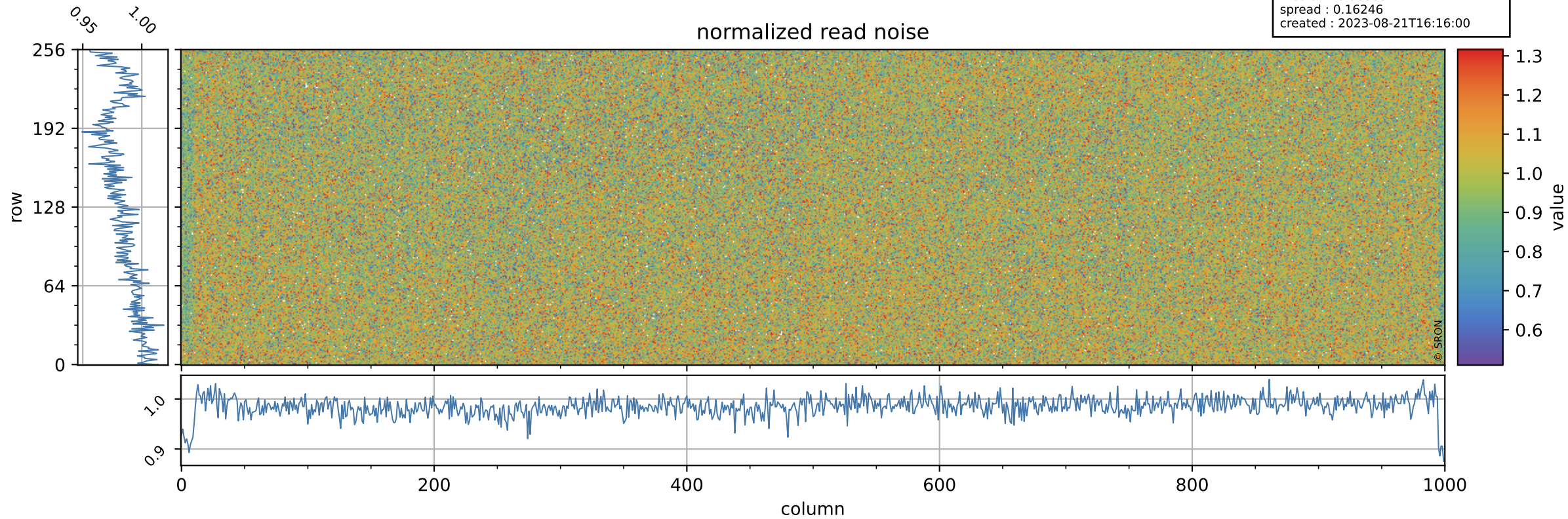
orbits : 12 in [21097, 21172]
coverage : 2021-11-07 / 2021-11-13
median : 1.13 e
spread : 0.064793 e
created : 2023-08-21T16:16:00



Tropomi SWIR background noise (swir)

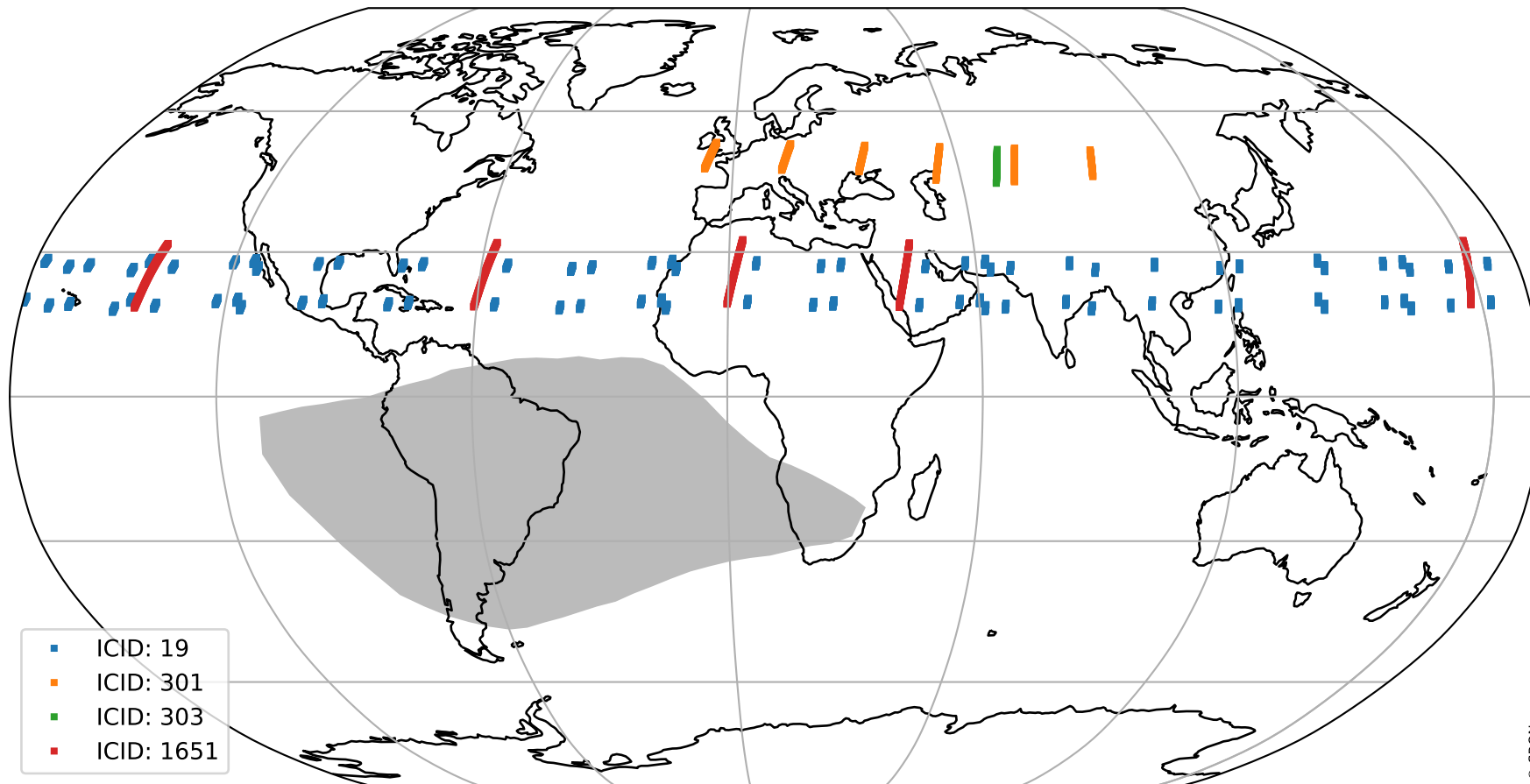
orbits : 12 in [21097, 21172]
coverage : 2021-11-07 / 2021-11-13
median : 0.98335
spread : 0.16246
created : 2023-08-21T16:16:00

normalized read noise



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

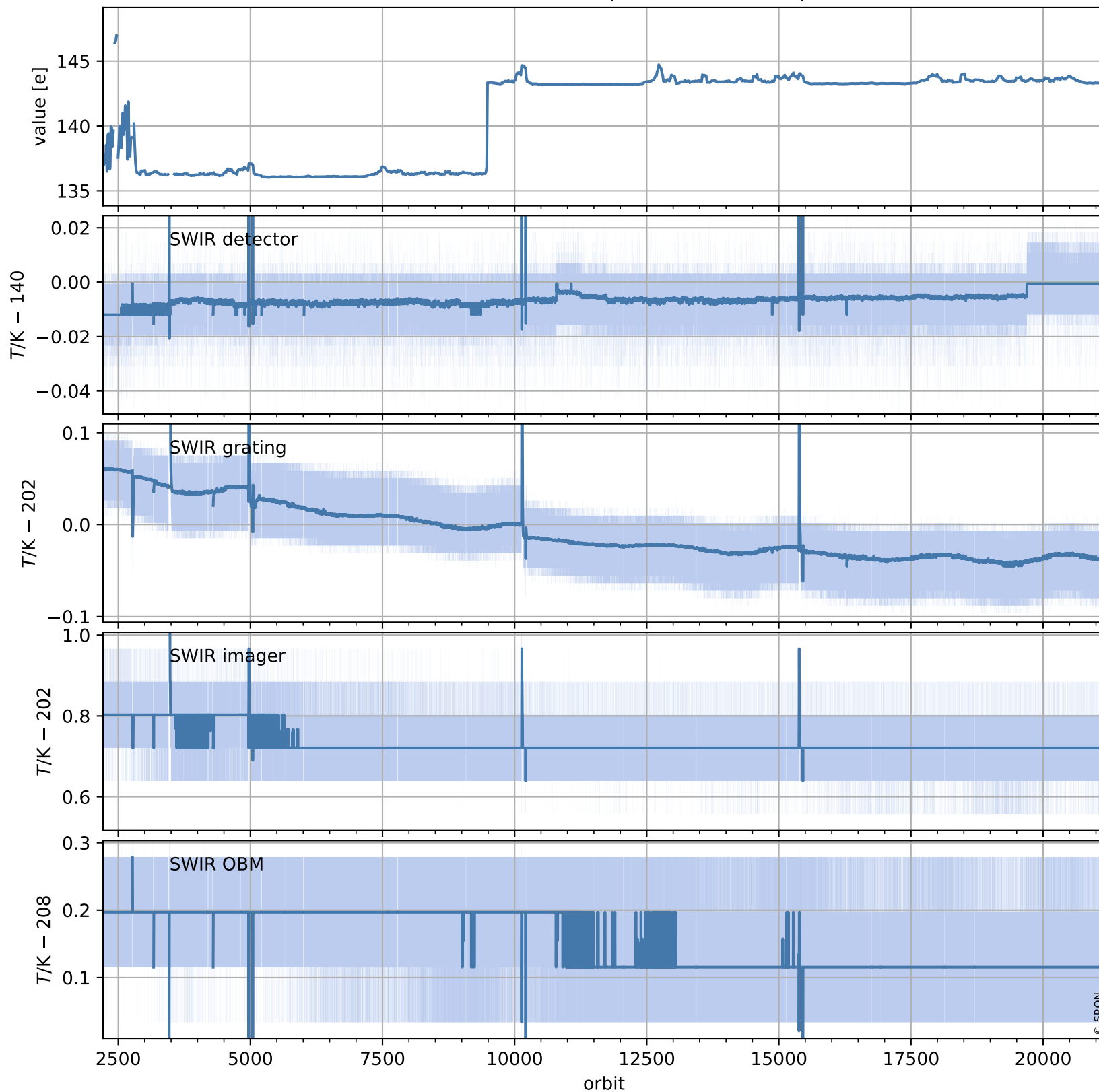
orbits : 12 in [21097, 21172]
coverage : 2021-11-07 / 2021-11-13
created : 2023-08-21T16:16:01



Tropomi SWIR background noise (swir)

orbits : [2212, 21172]
coverage : 2018-03-18 / 2021-11-13
created : 2023-08-21T16:16:01

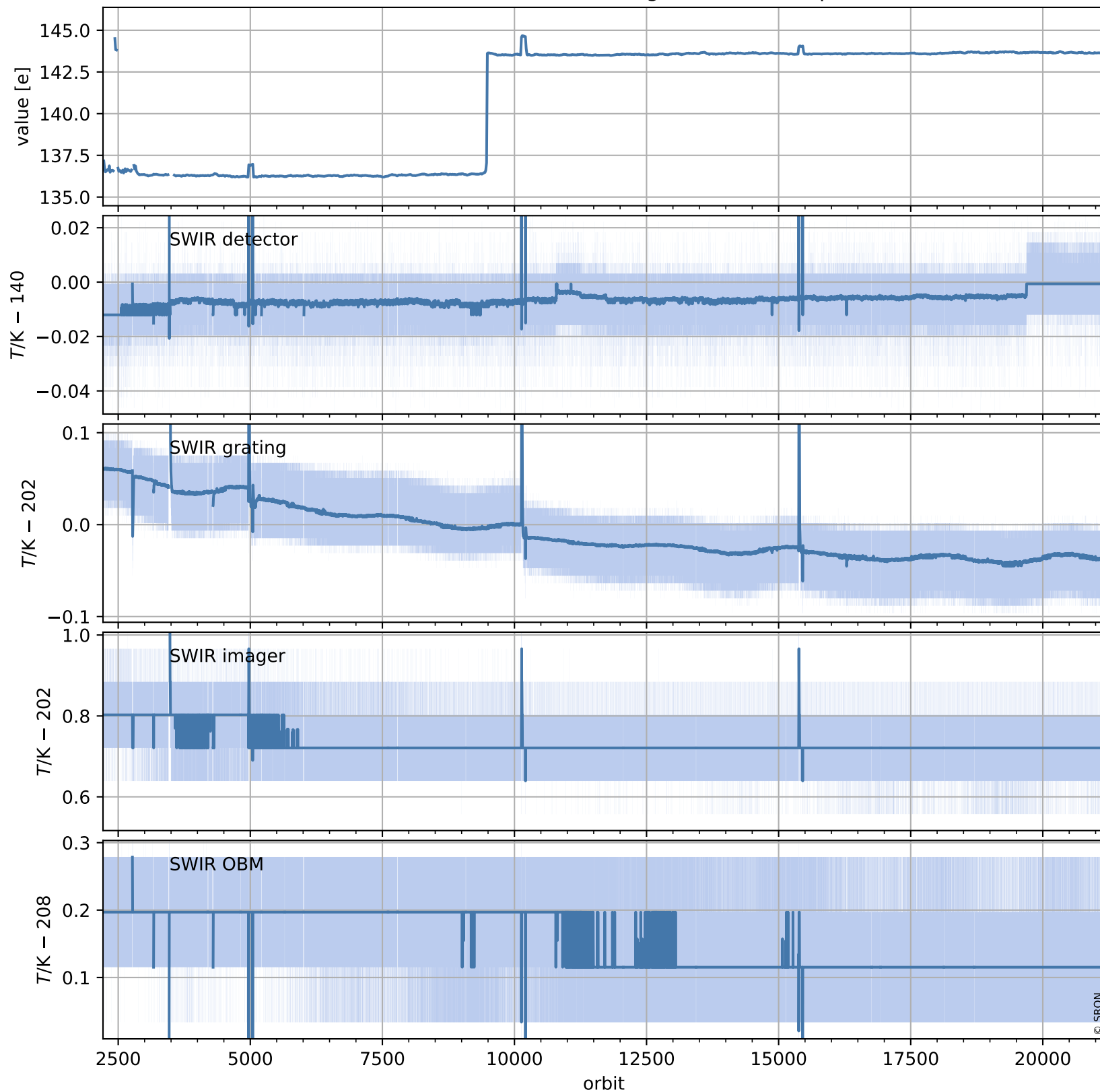
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21172]
coverage : 2018-03-18 / 2021-11-13
created : 2023-08-21T16:16:02

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21172]
coverage : 2018-03-18 / 2021-11-13
created : 2023-08-21T16:16:03

trend of normalized read-noise & temperatures

