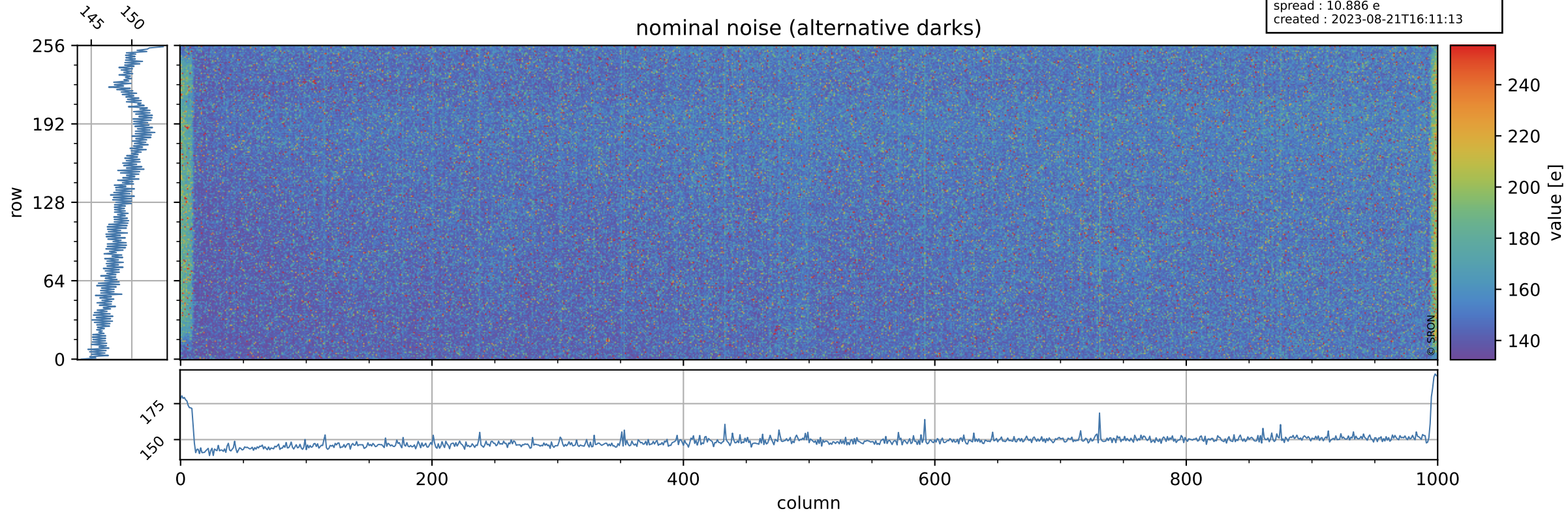


Tropomi SWIR background noise (swir)

orbits : 12 in [20317, 20407]
coverage : 2021-09-14 / 2021-09-20
n_coad, t_exp : 1, 1.0783
median : 148.73 e
spread : 10.886 e
created : 2023-08-21T16:11:13

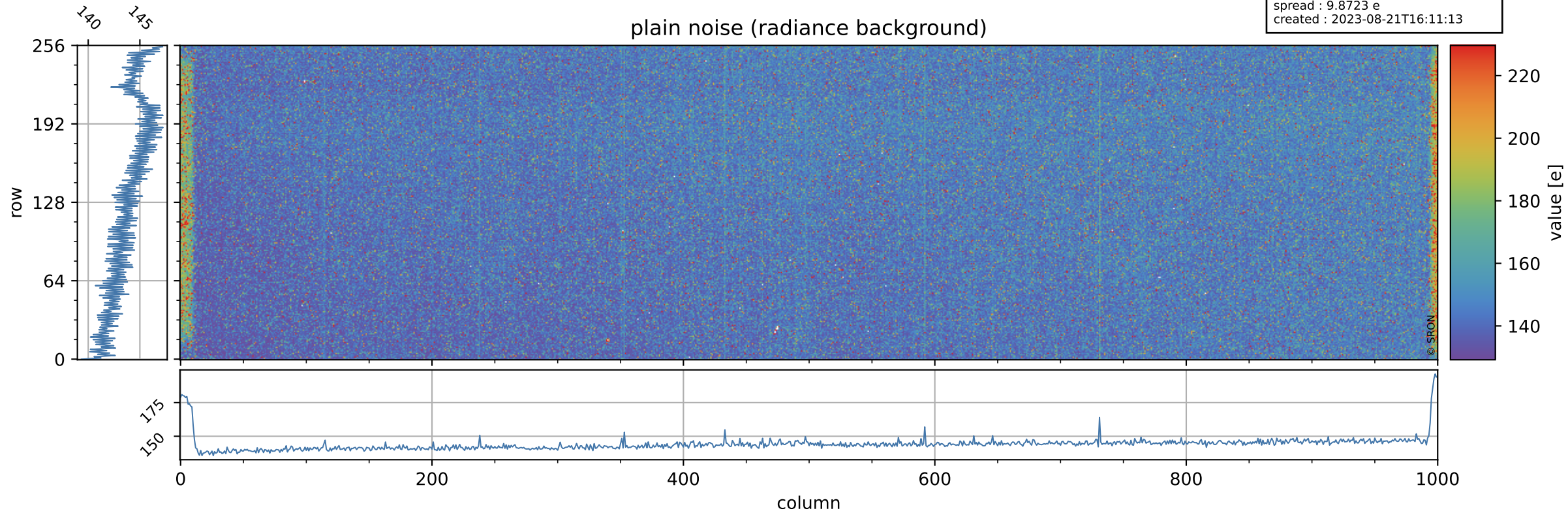
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20317, 20407]
coverage : 2021-09-14 / 2021-09-20
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.8723 e
created : 2023-08-21T16:11:13

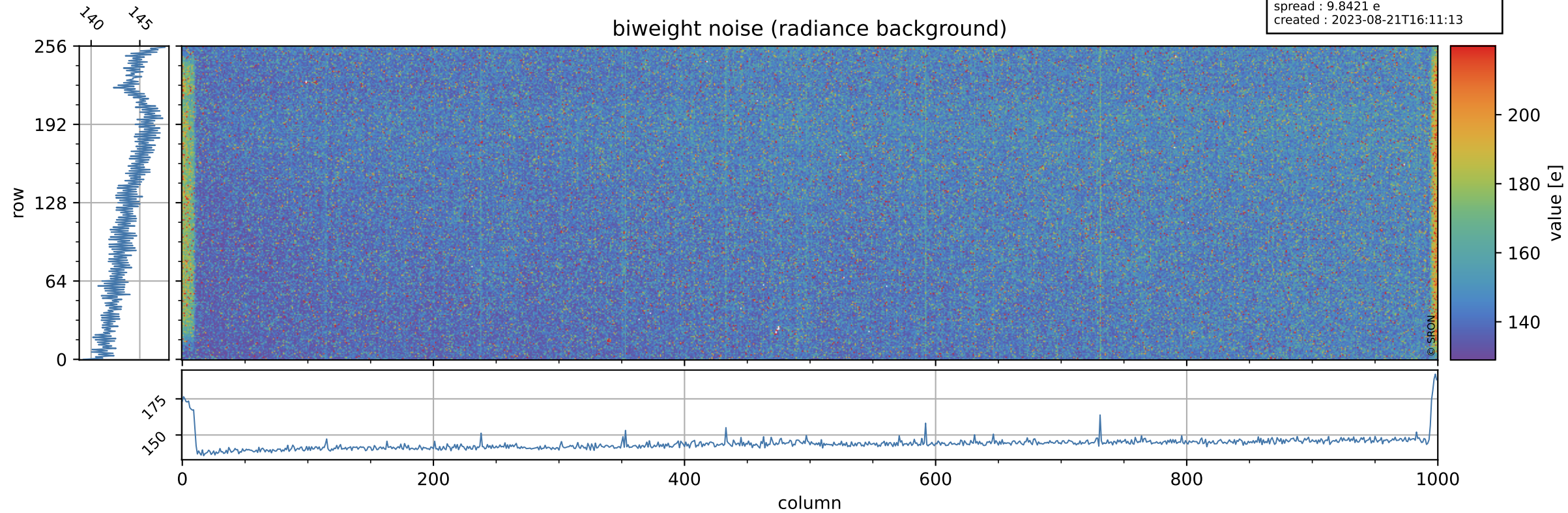
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20317, 20407]
coverage : 2021-09-14 / 2021-09-20
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.8421 e
created : 2023-08-21T16:11:13

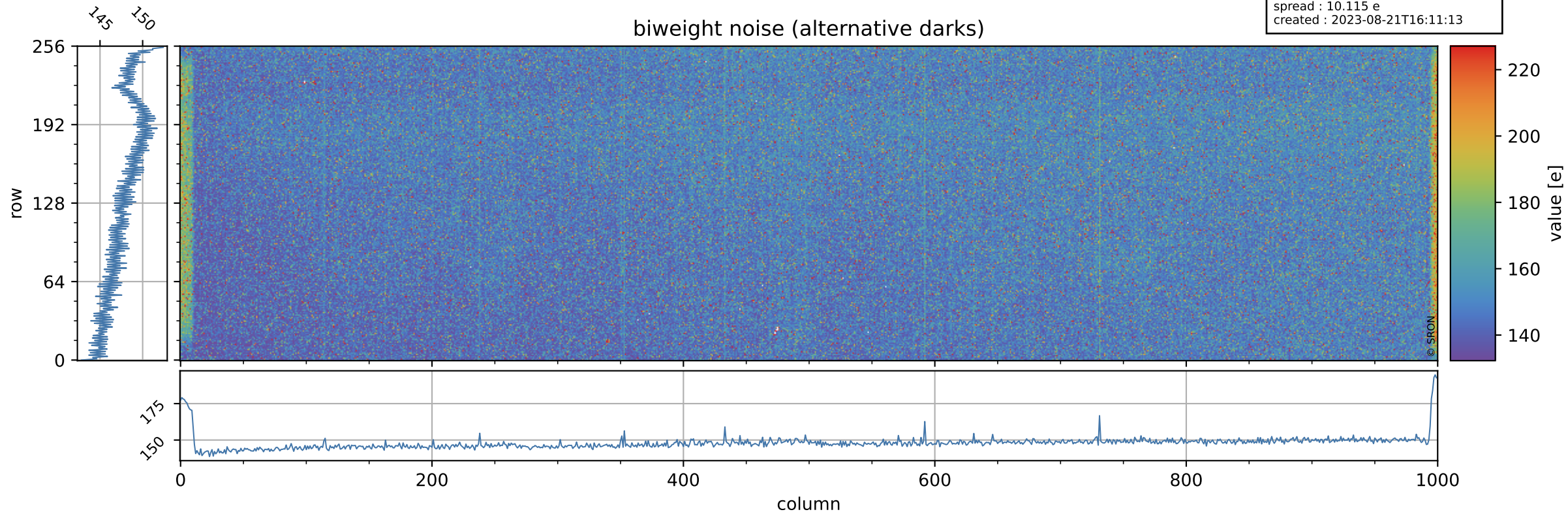
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20317, 20407]
coverage : 2021-09-14 / 2021-09-20
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.115 e
created : 2023-08-21T16:11:13

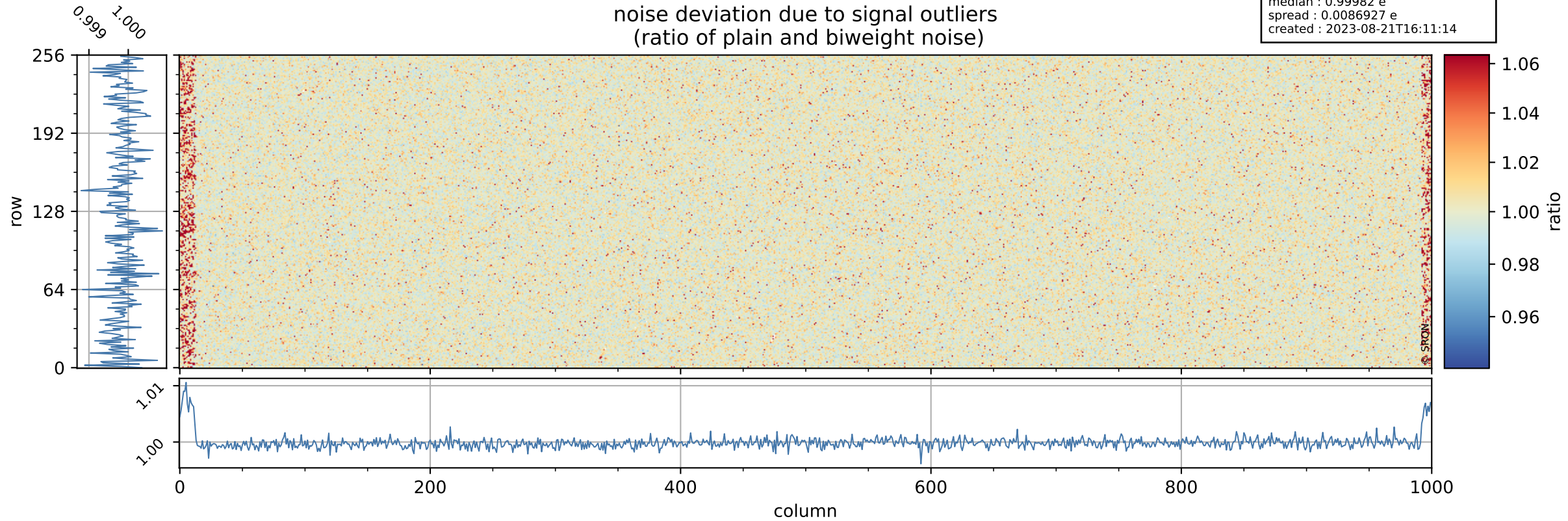
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

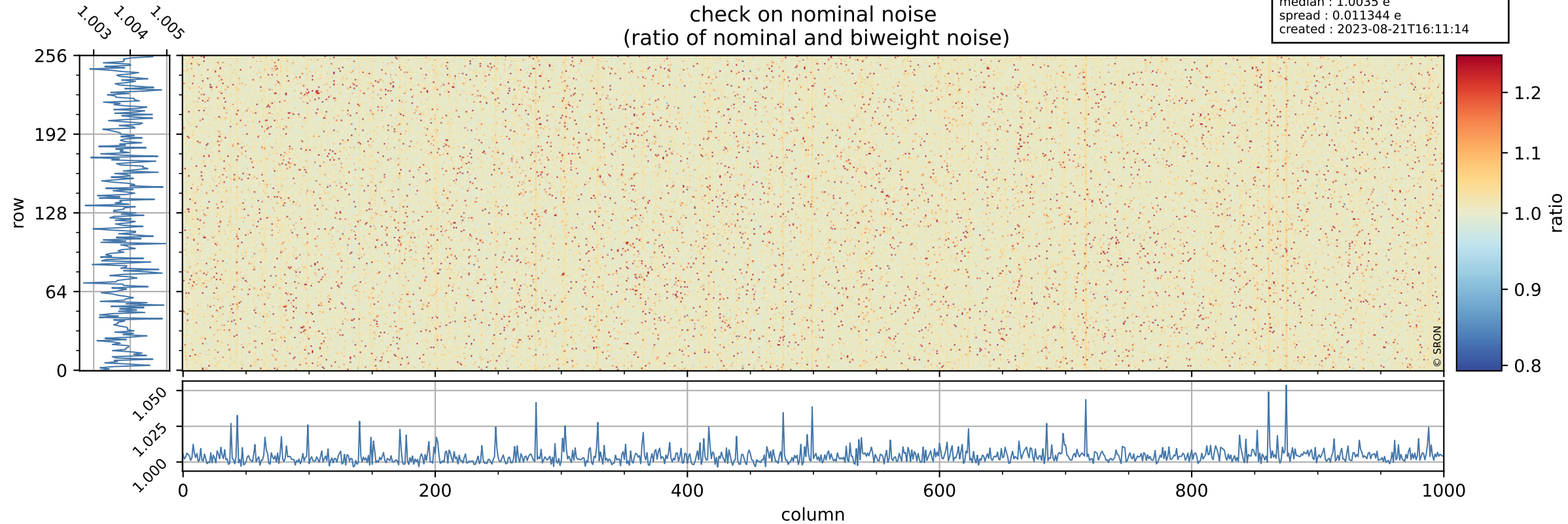
orbits : 12 in [20317, 20407]
coverage : 2021-09-14 / 2021-09-20
median : 0.99982 e
spread : 0.0086927 e
created : 2023-08-21T16:11:14



Tropomi SWIR background noise (swir)

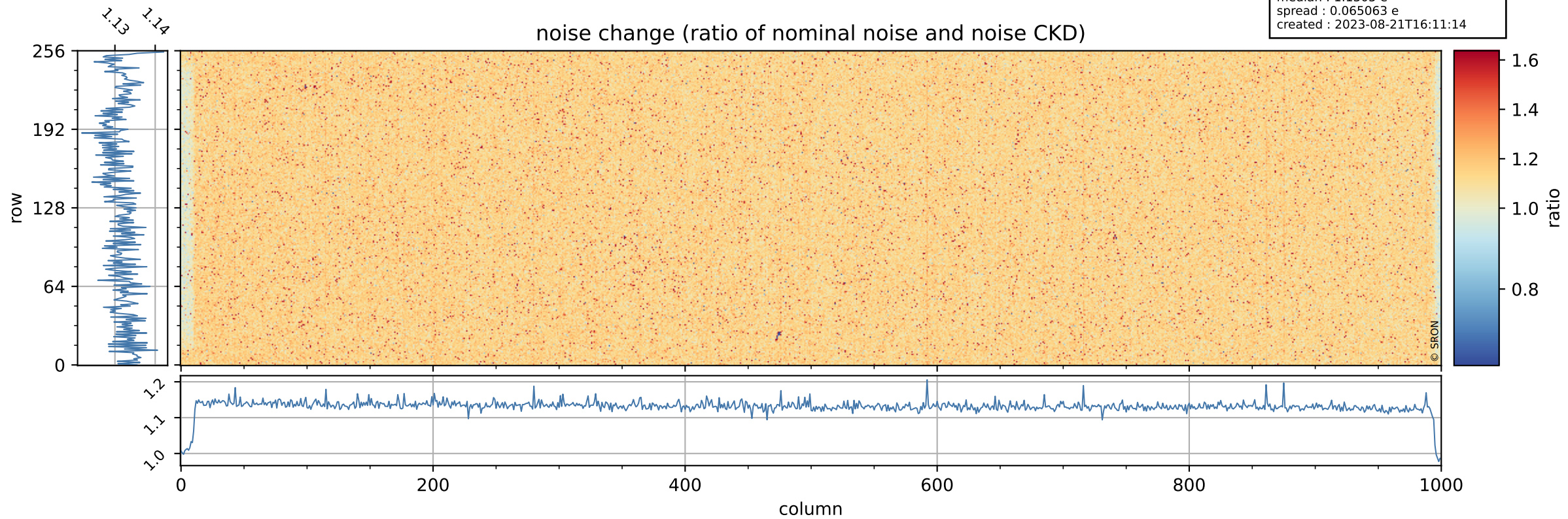
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20317, 20407]
coverage : 2021-09-14 / 2021-09-20
median : 1.0035 e
spread : 0.011344 e
created : 2023-08-21T16:11:14



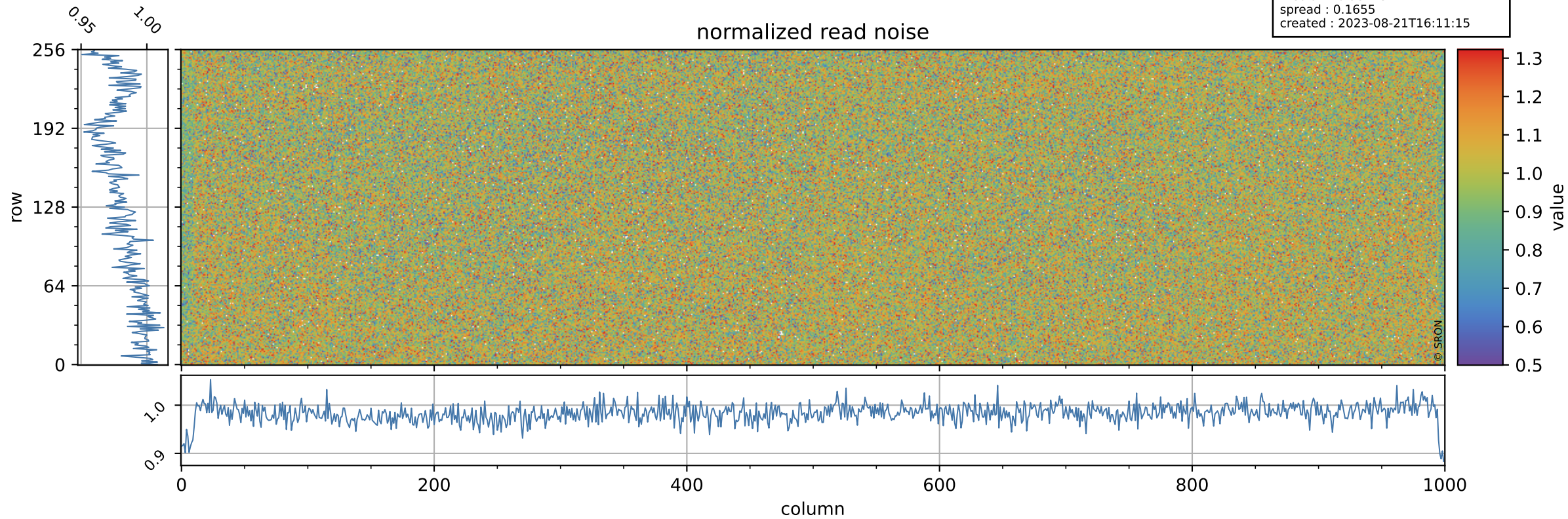
Tropomi SWIR background noise (swir)

orbits : 12 in [20317, 20407]
coverage : 2021-09-14 / 2021-09-20
median : 1.1305 e
spread : 0.065063 e
created : 2023-08-21T16:11:14



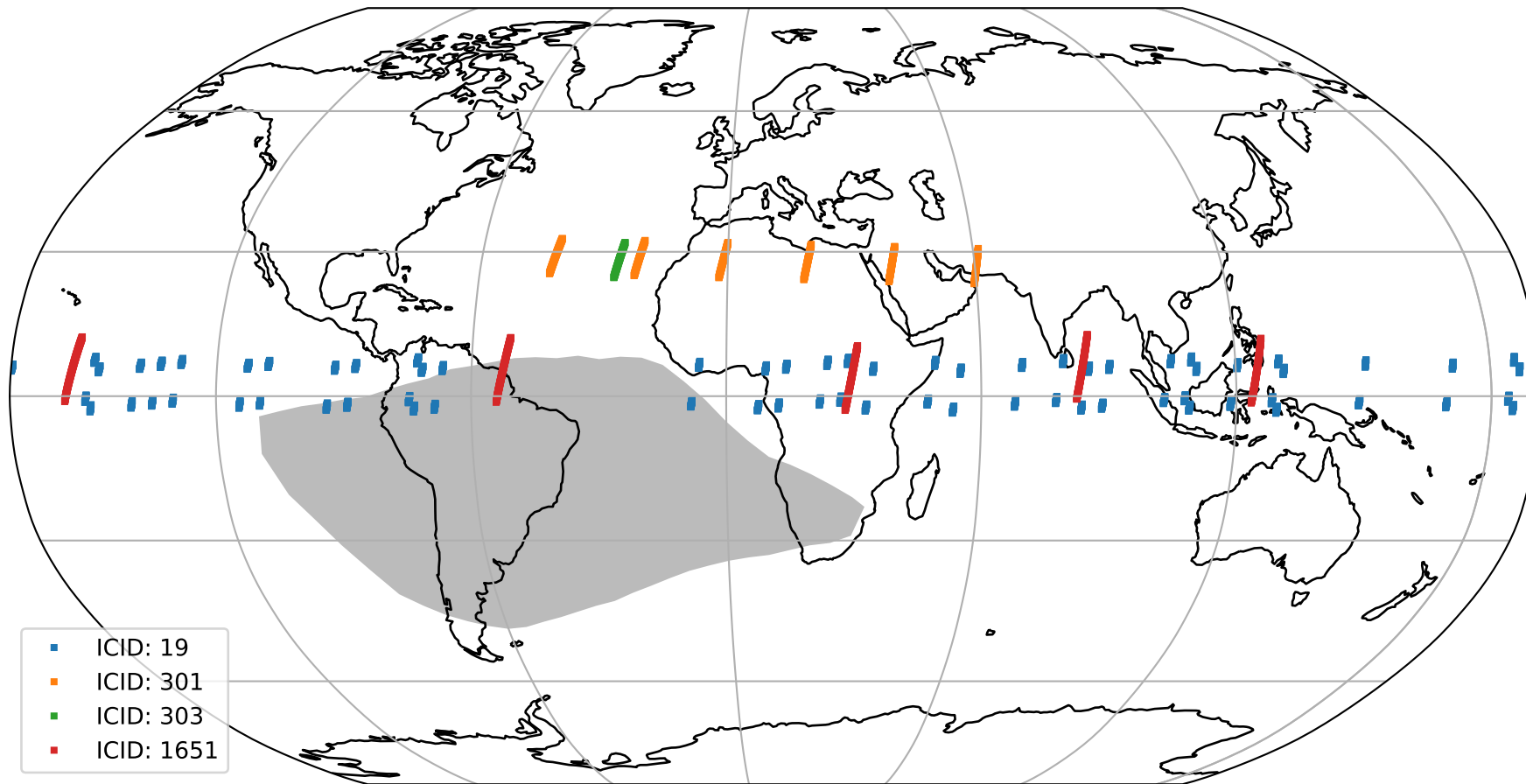
Tropomi SWIR background noise (swir)

orbits : 12 in [20317, 20407]
coverage : 2021-09-14 / 2021-09-20
median : 0.98213
spread : 0.1655
created : 2023-08-21T16:11:15



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

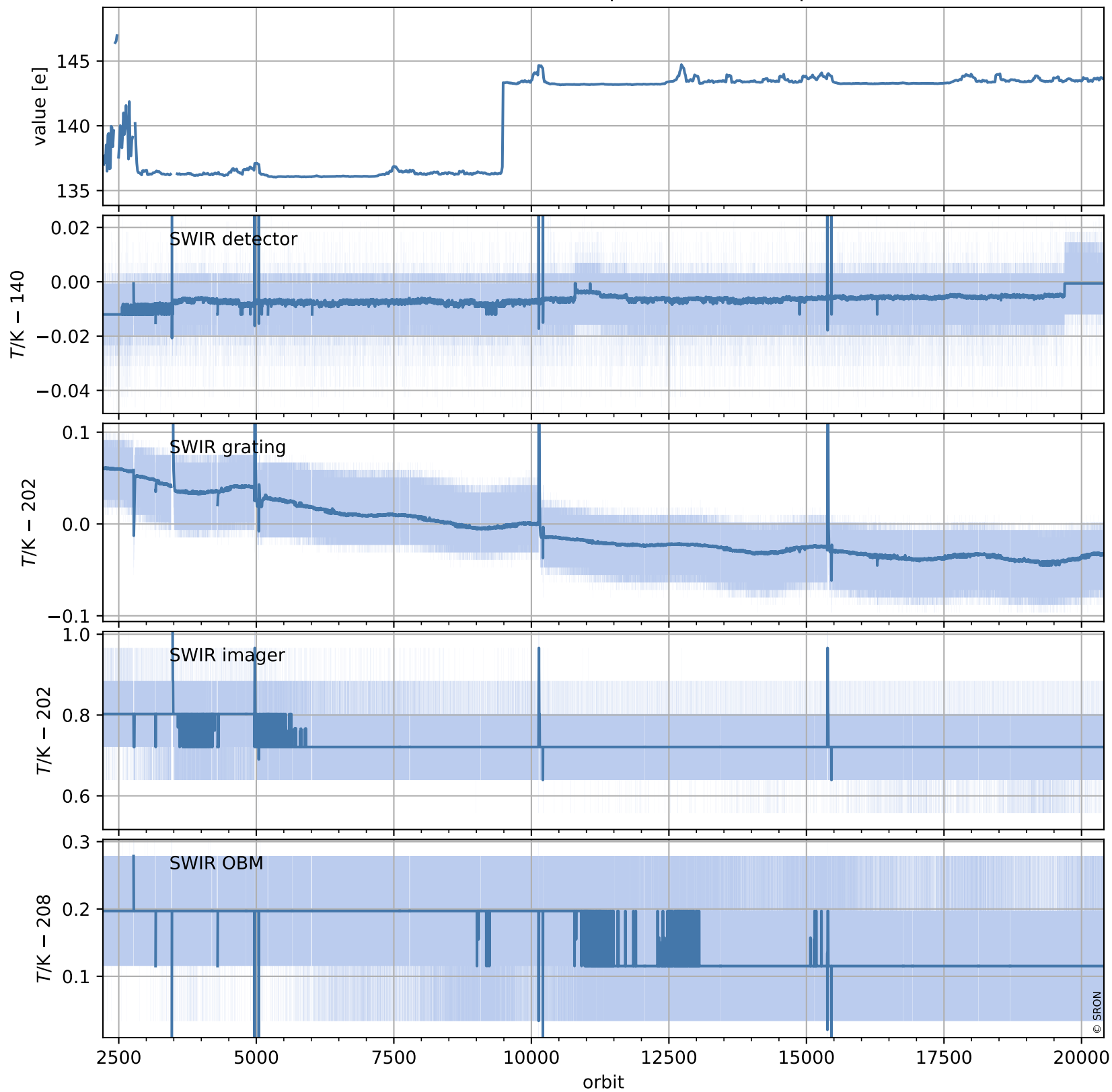
orbits : 12 in [20317, 20407]
coverage : 2021-09-14 / 2021-09-20
created : 2023-08-21T16:11:15



Tropomi SWIR background noise (swir)

orbits : [2212, 20407]
coverage : 2018-03-18 / 2021-09-20
created : 2023-08-21T16:11:15

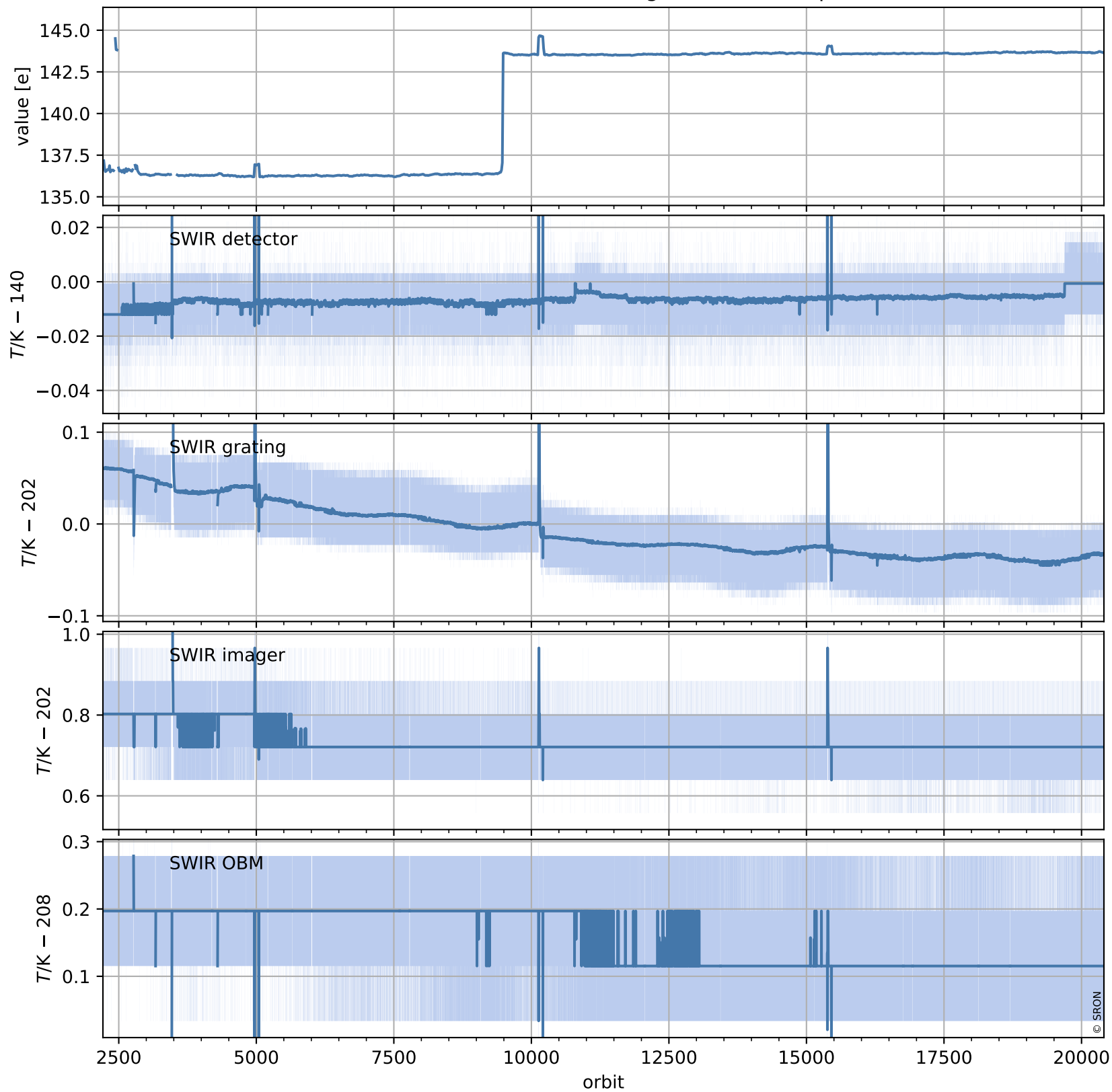
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20407]
coverage : 2018-03-18 / 2021-09-20
created : 2023-08-21T16:11:16

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20407]
coverage : 2018-03-18 / 2021-09-20
created : 2023-08-21T16:11:17

trend of normalized read-noise & temperatures

