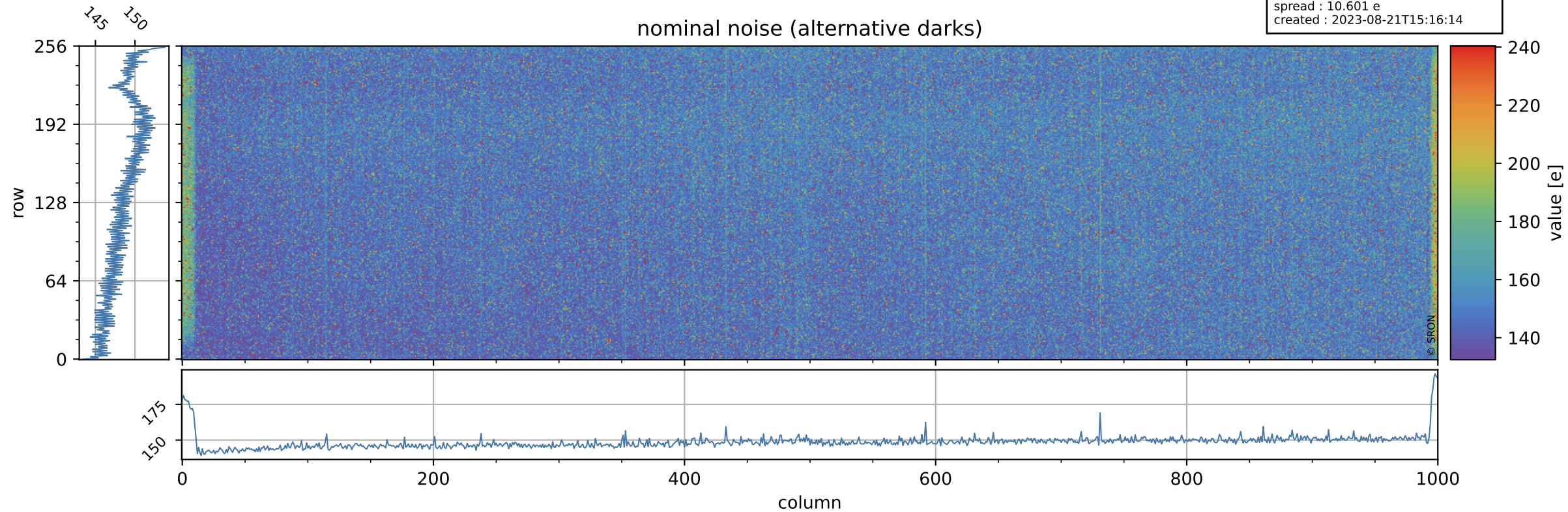


Tropomi SWIR background noise (swir)

orbits : 12 in [10867, 10957]
coverage : 2019-11-18 / 2019-11-24
n_coad, t_exp : 1, 1.0783
median : 148.48 e
spread : 10.601 e
created : 2023-08-21T15:16:14

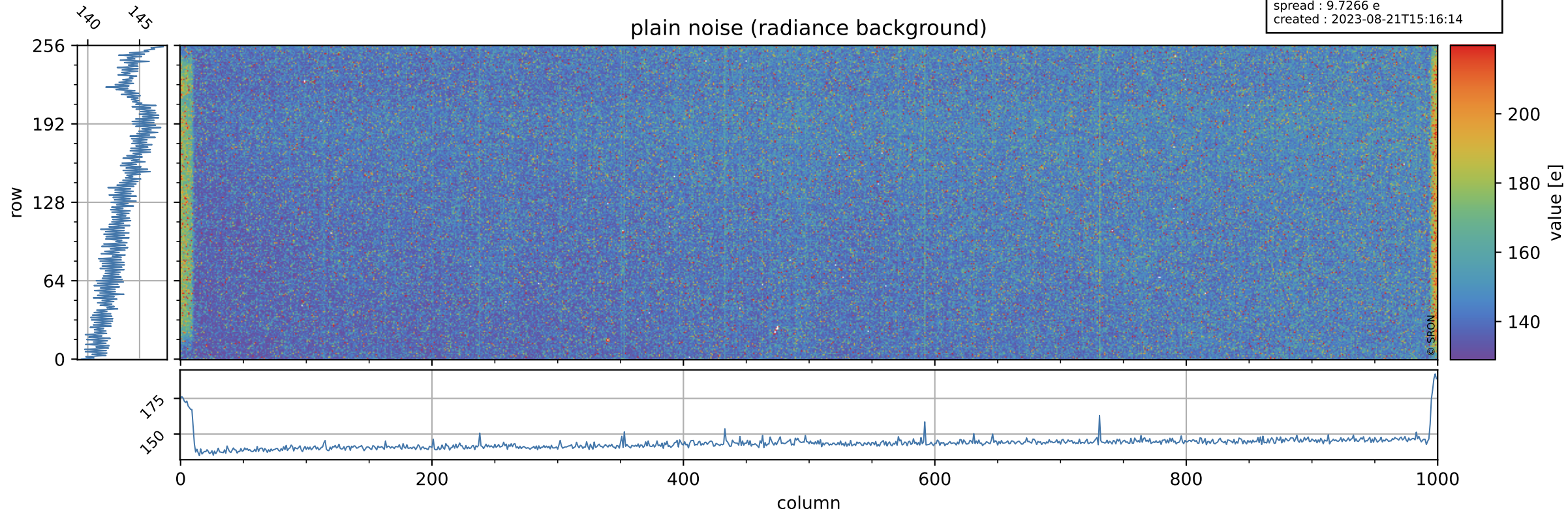
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10867, 10957]
coverage : 2019-11-18 / 2019-11-24
n_coad, t_exp : 1, 0.8383
median : 143.36 e
spread : 9.7266 e
created : 2023-08-21T15:16:14

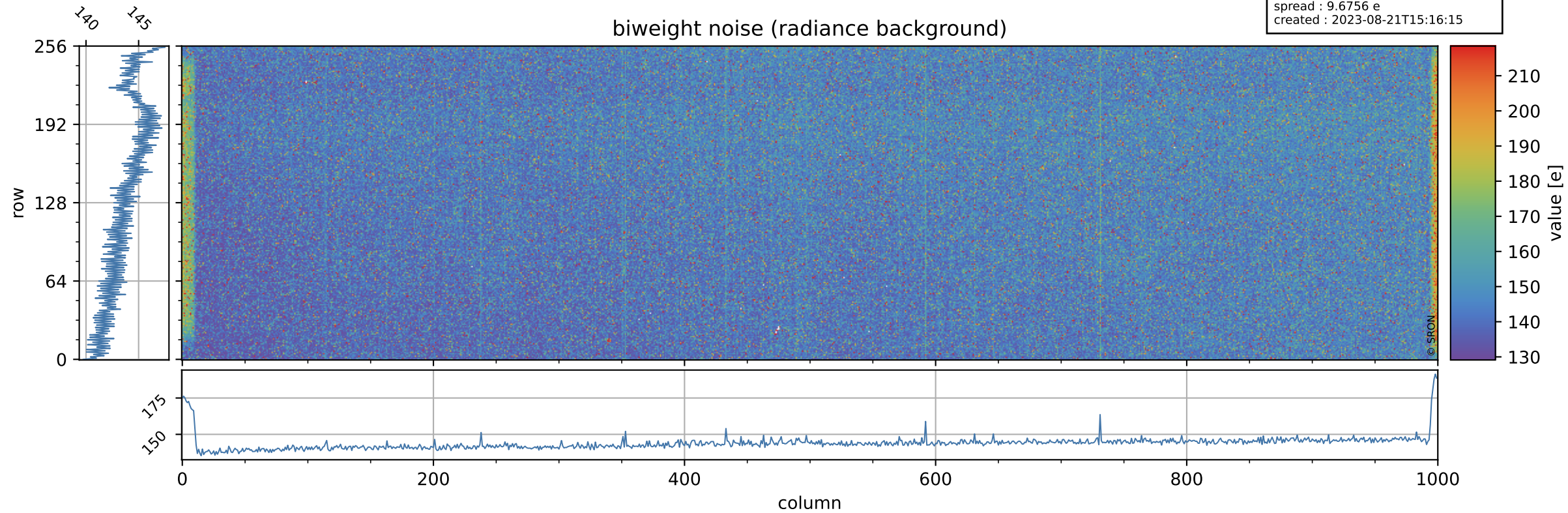
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10867, 10957]
coverage : 2019-11-18 / 2019-11-24
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 9.6756 e
created : 2023-08-21T15:16:15

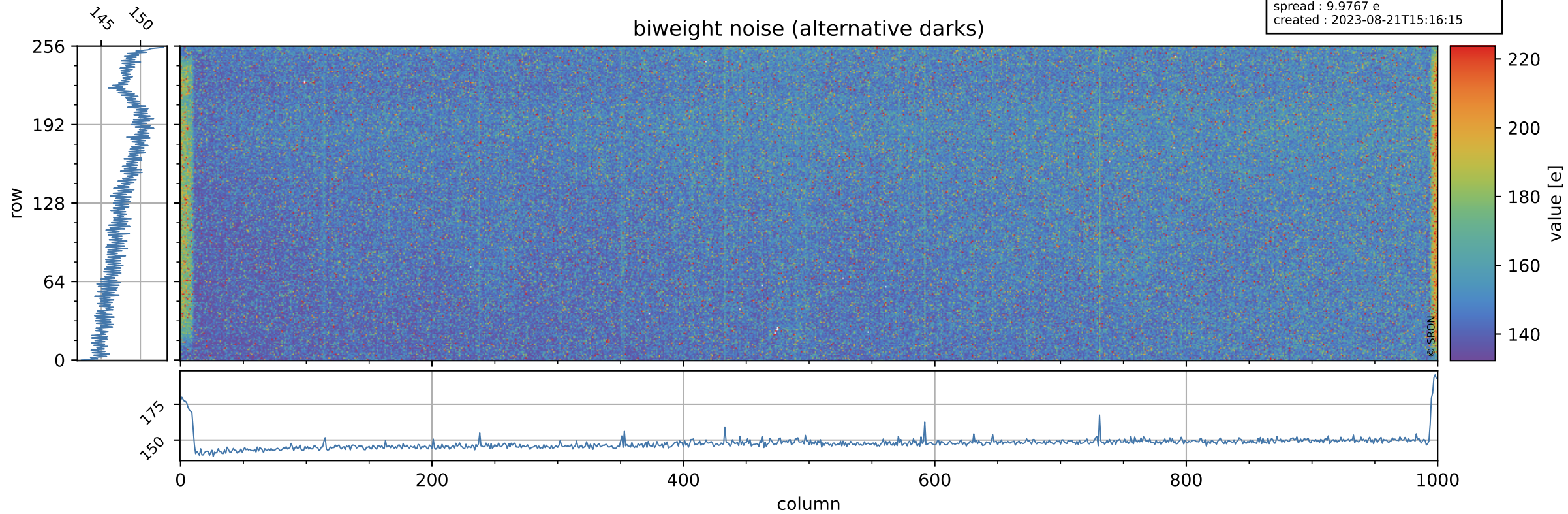
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10867, 10957]
coverage : 2019-11-18 / 2019-11-24
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 9.9767 e
created : 2023-08-21T15:16:15

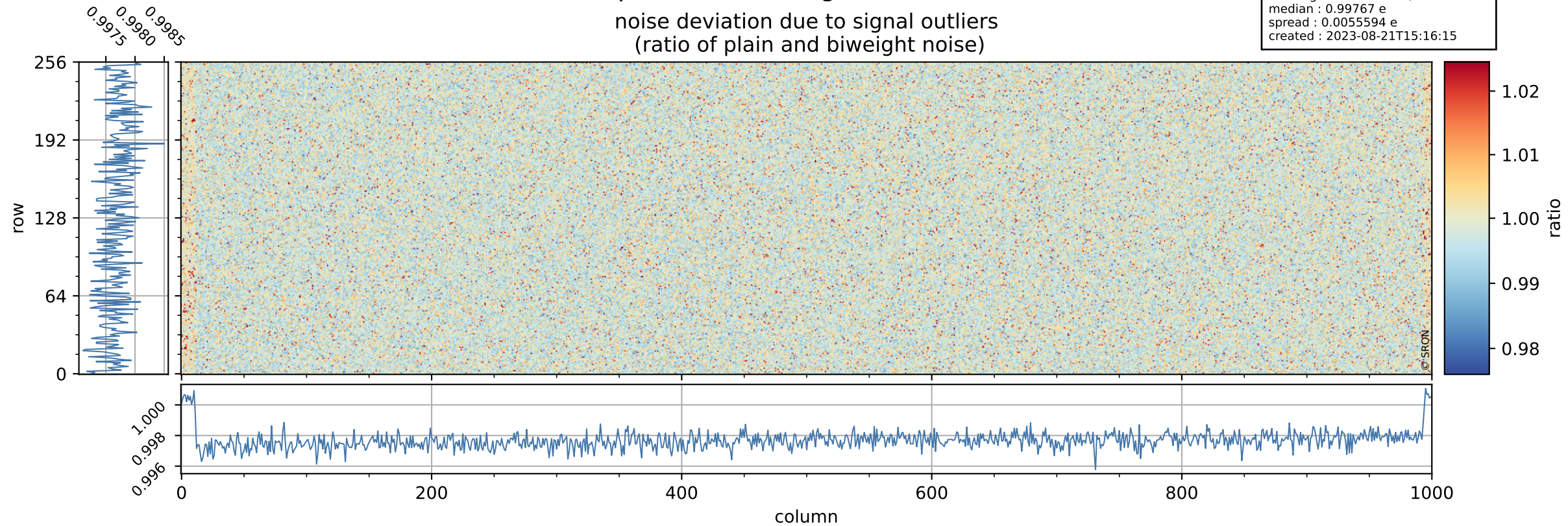
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

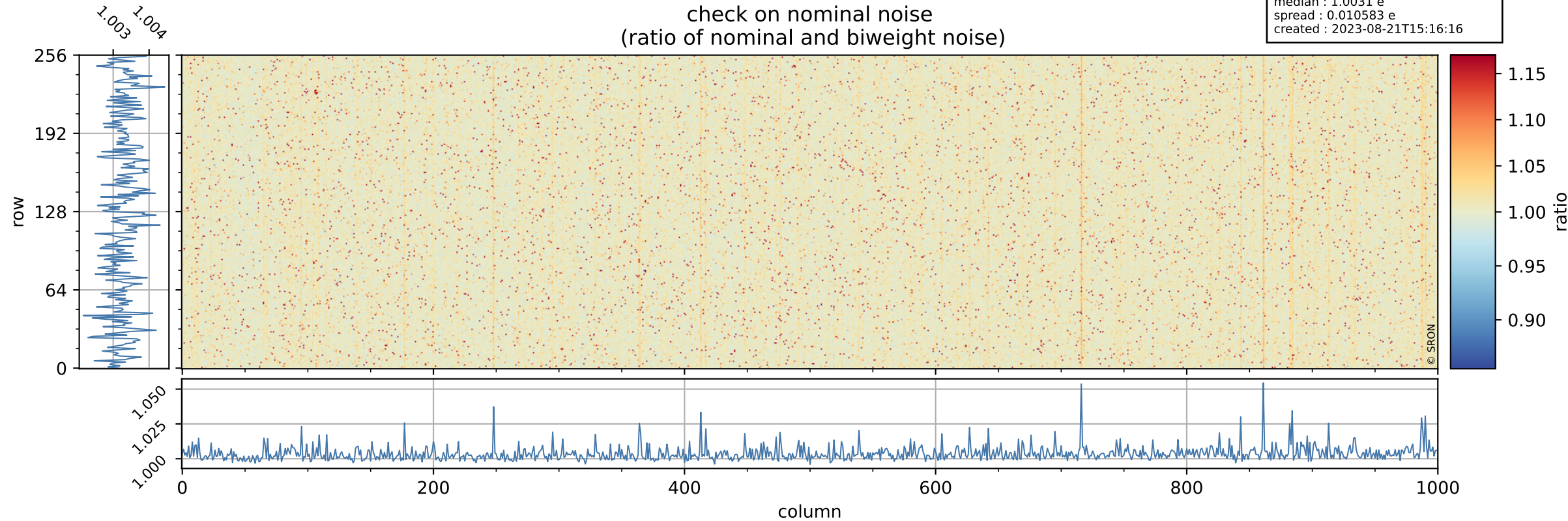
orbits : 12 in [10867, 10957]
coverage : 2019-11-18 / 2019-11-24
median : 0.99767 e
spread : 0.0055594 e
created : 2023-08-21T15:16:15



Tropomi SWIR background noise (swir)

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

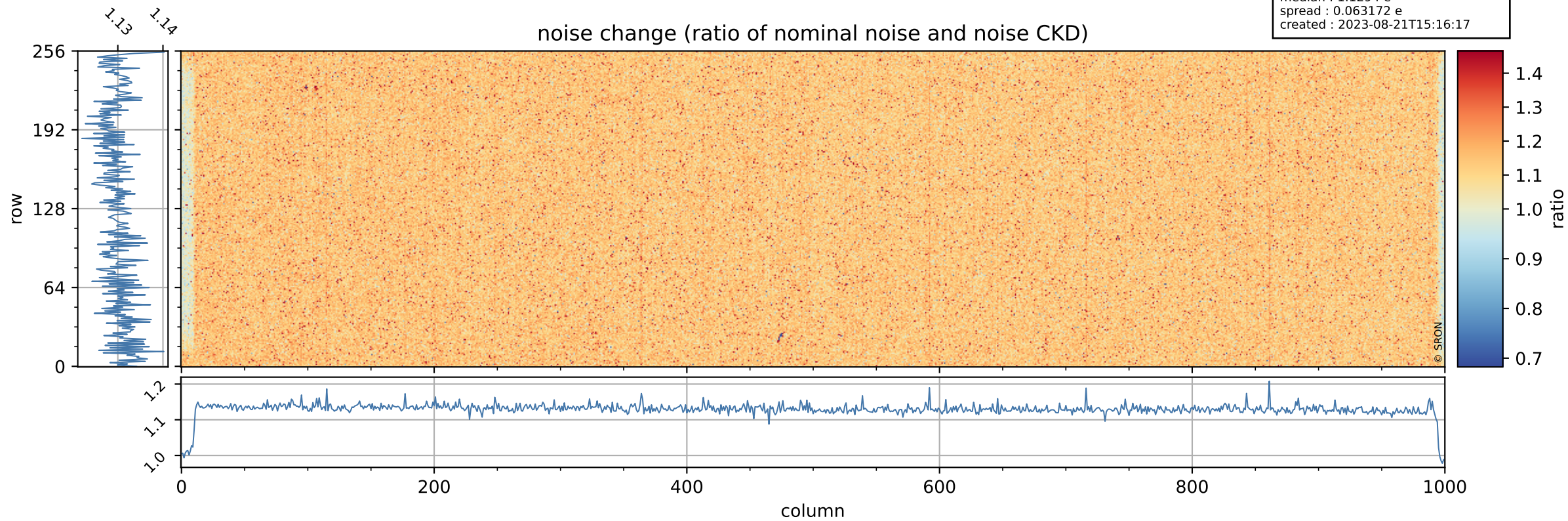
orbits : 12 in [10867, 10957]
coverage : 2019-11-18 / 2019-11-24
median : 1.0031 e
spread : 0.010583 e
created : 2023-08-21T15:16:16



Tropomi SWIR background noise (swir)

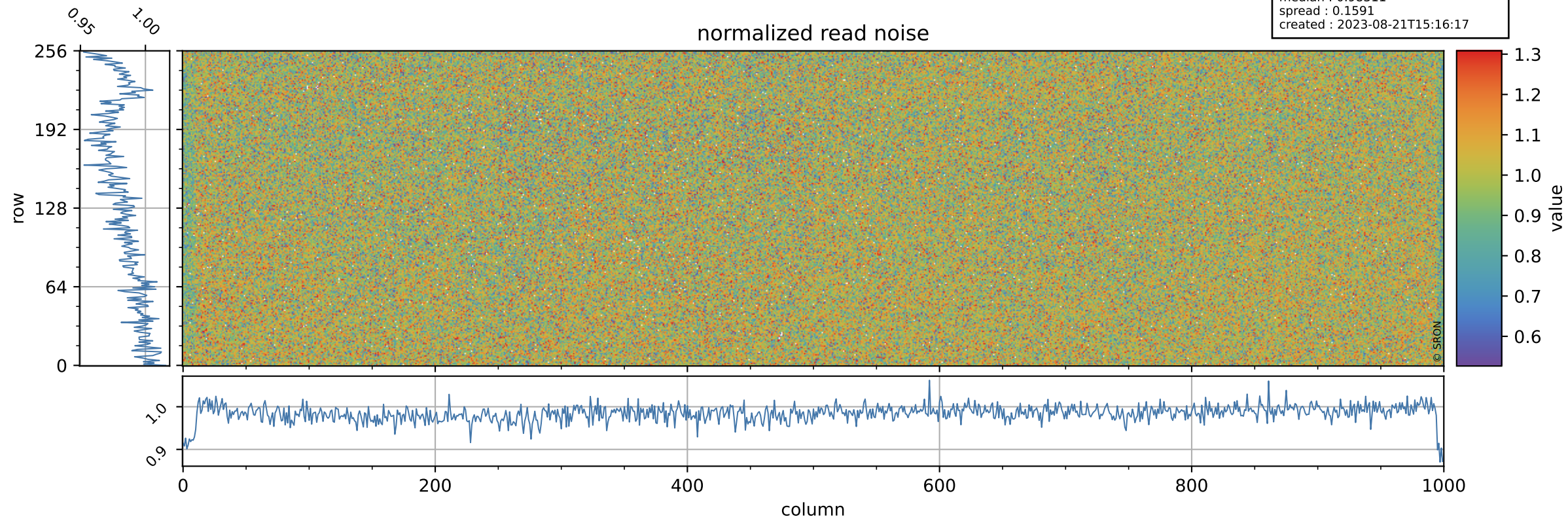
orbits : 12 in [10867, 10957]
coverage : 2019-11-18 / 2019-11-24
median : 1.1294 e
spread : 0.063172 e
created : 2023-08-21T15:16:17

noise change (ratio of nominal noise and noise CKD)



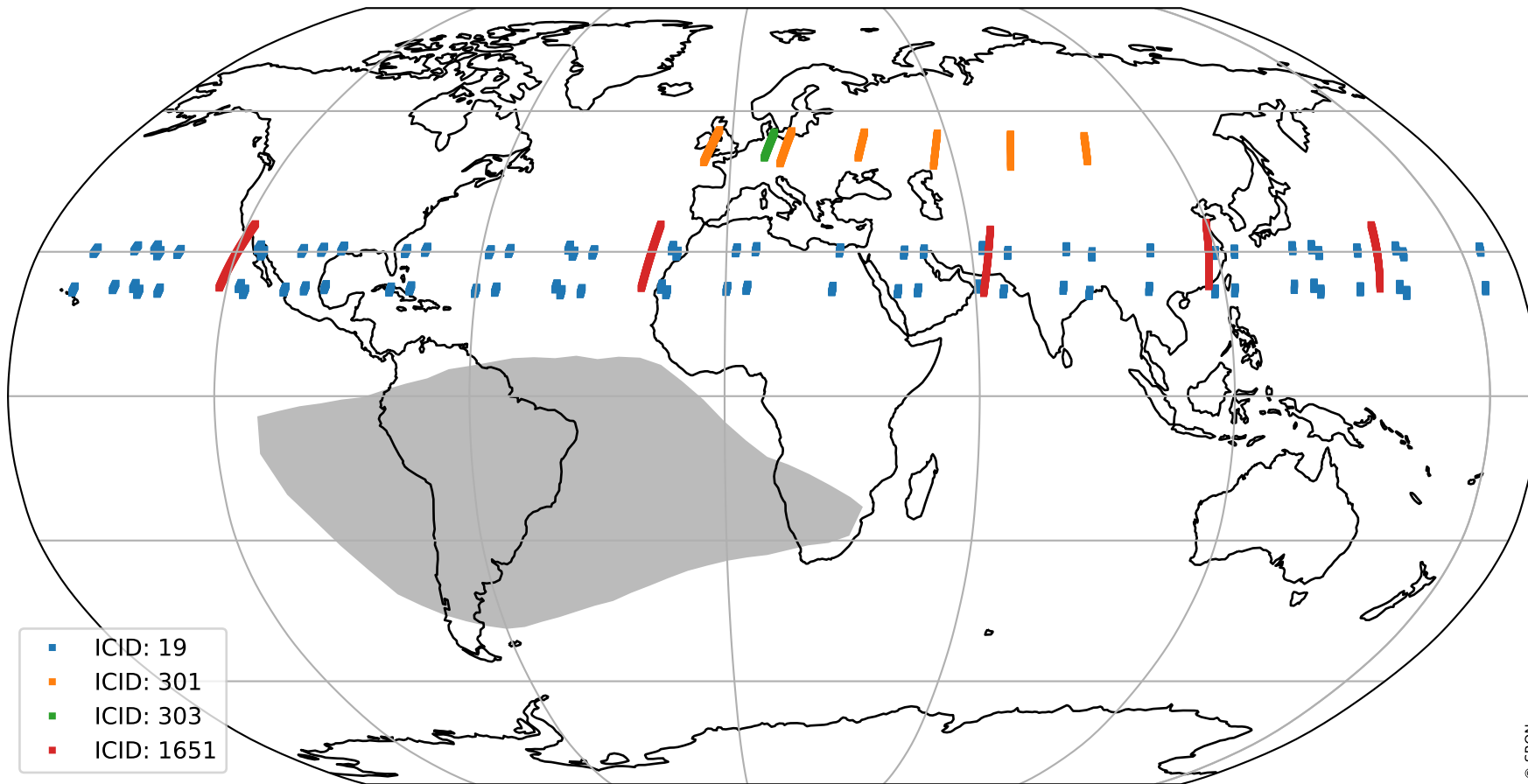
Tropomi SWIR background noise (swir)

orbits : 12 in [10867, 10957]
coverage : 2019-11-18 / 2019-11-24
median : 0.98311
spread : 0.1591
created : 2023-08-21T15:16:17



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

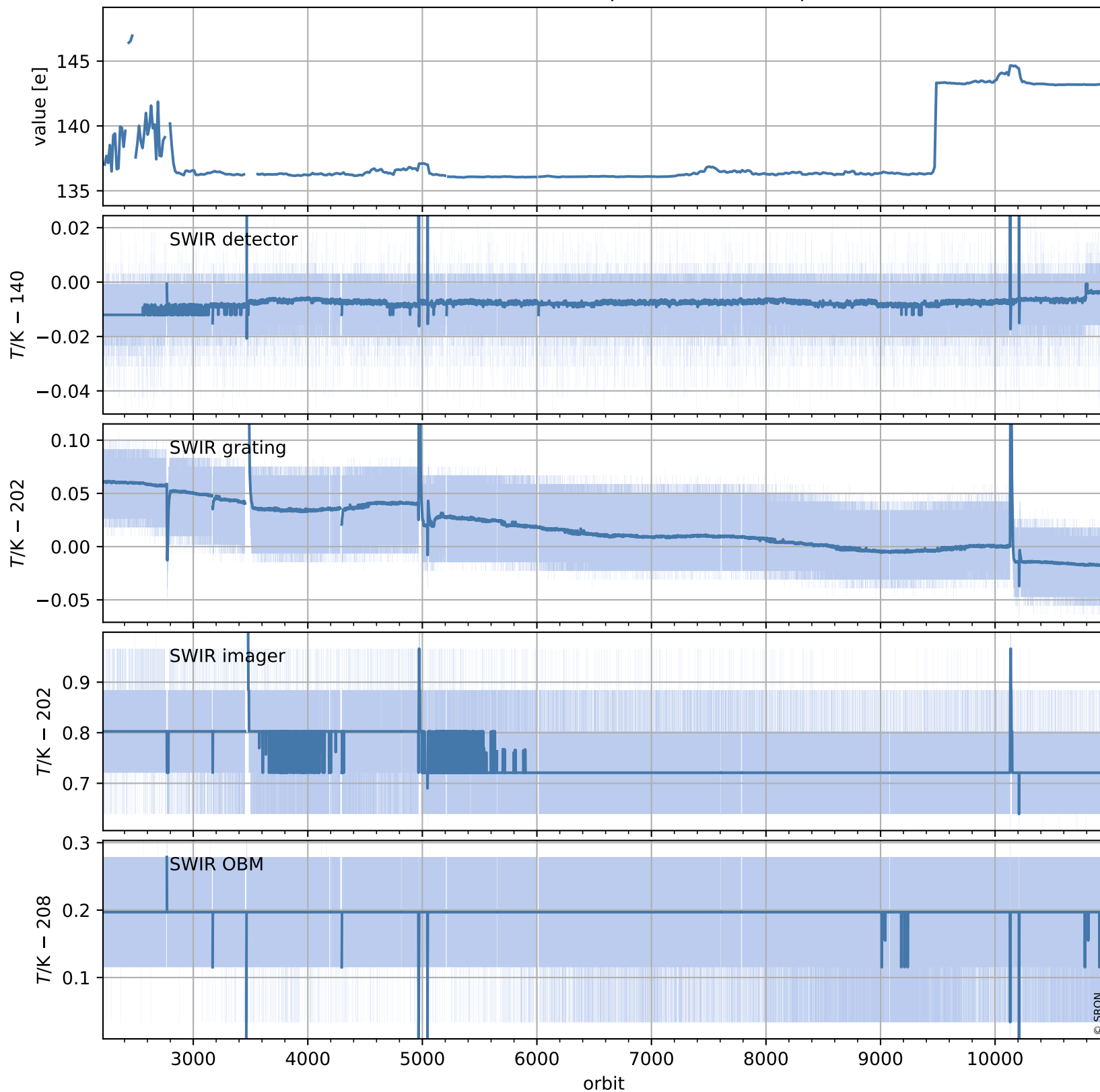
orbits : 12 in [10867, 10957]
coverage : 2019-11-18 / 2019-11-24
created : 2023-08-21T15:16:18



Tropomi SWIR background noise (swir)

orbits : [2212, 10957]
coverage : 2018-03-18 / 2019-11-24
created : 2023-08-21T15:16:18

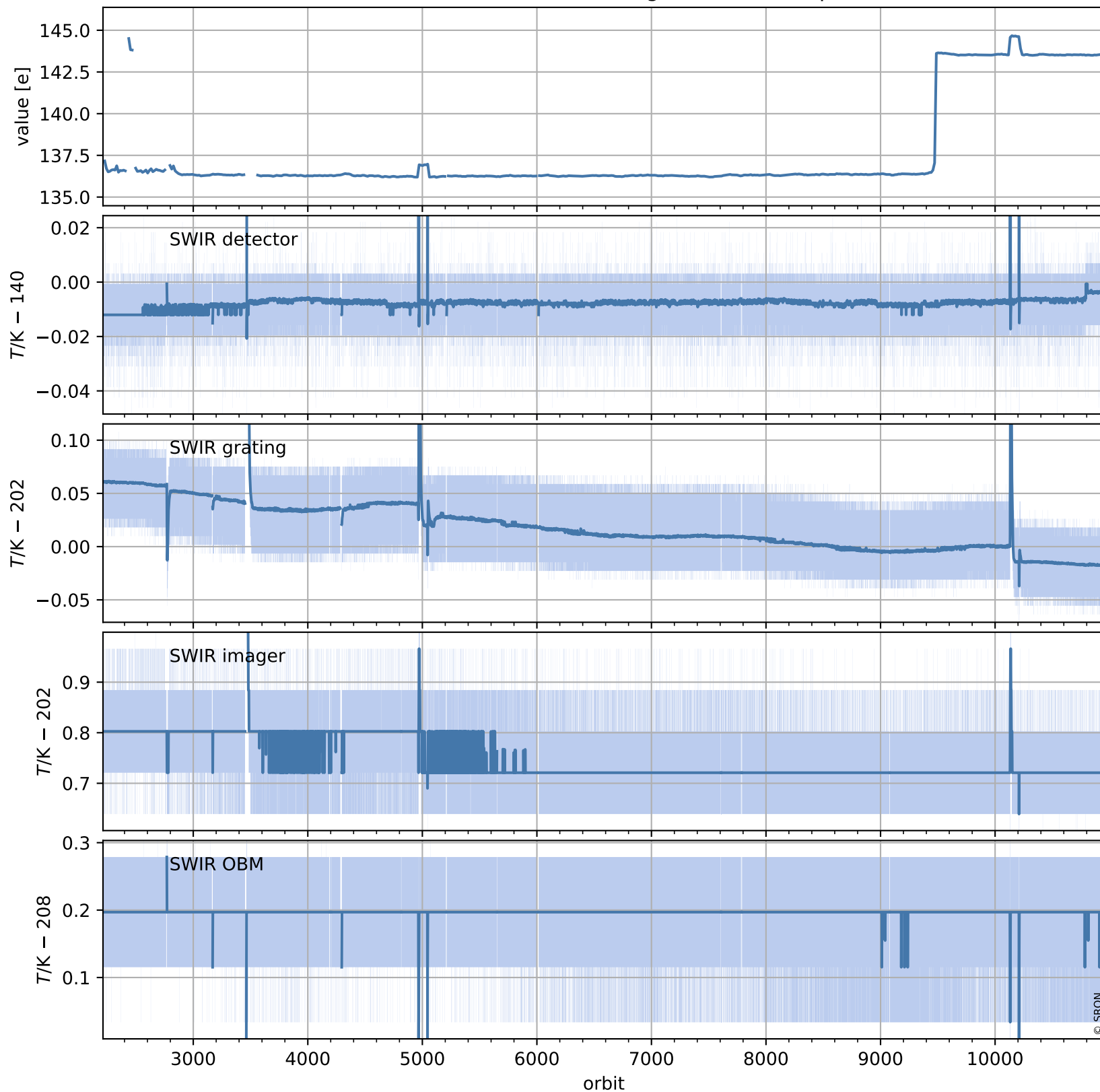
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10957]
coverage : 2018-03-18 / 2019-11-24
created : 2023-08-21T15:16:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10957]
coverage : 2018-03-18 / 2019-11-24
created : 2023-08-21T15:16:20

trend of normalized read-noise & temperatures

