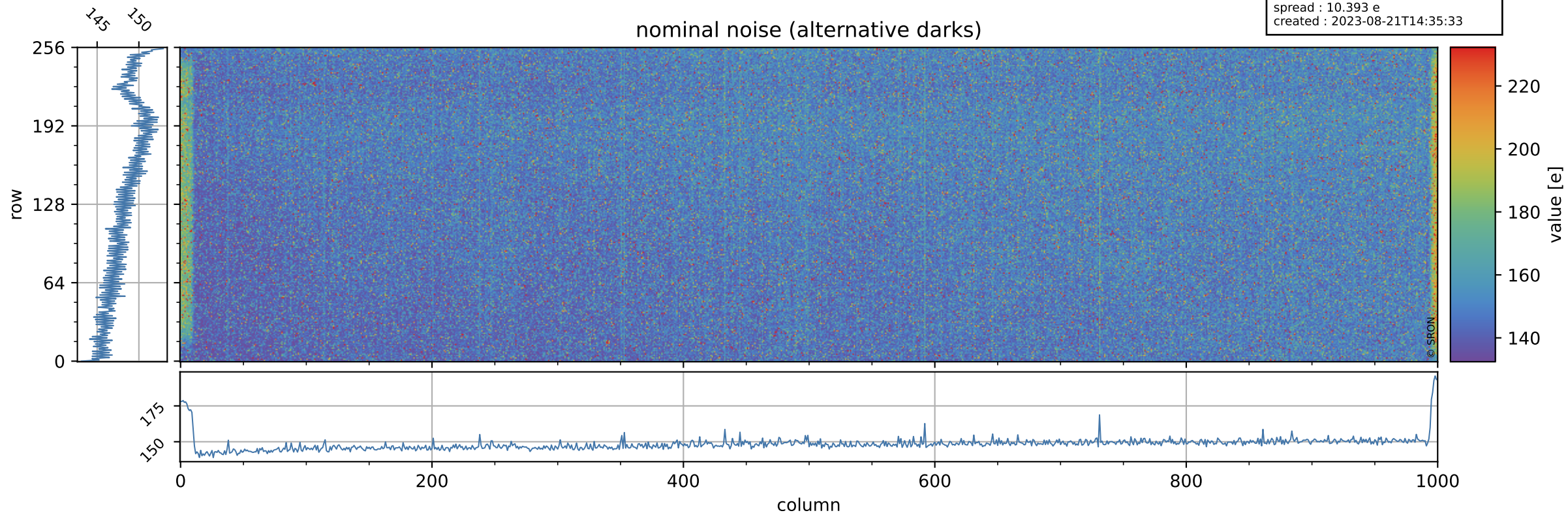


Tropomi SWIR background noise (swir)

orbits : 12 in [5392, 5482]
coverage : 2018-10-28 / 2018-11-03
n_coad, t_exp : 1, 1.0783
median : 148.27 e
spread : 10.393 e
created : 2023-08-21T14:35:33

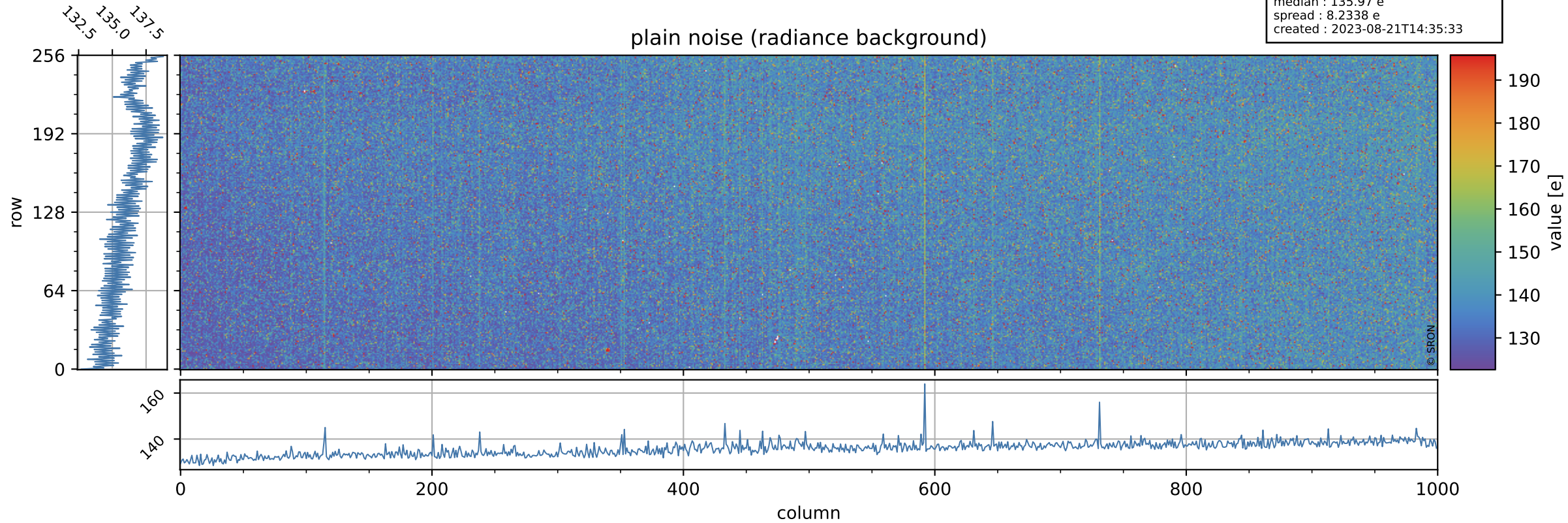
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5392, 5482]
coverage : 2018-10-28 / 2018-11-03
n_coad, t_exp : 2, 0.5383
median : 135.97 e
spread : 8.2338 e
created : 2023-08-21T14:35:33

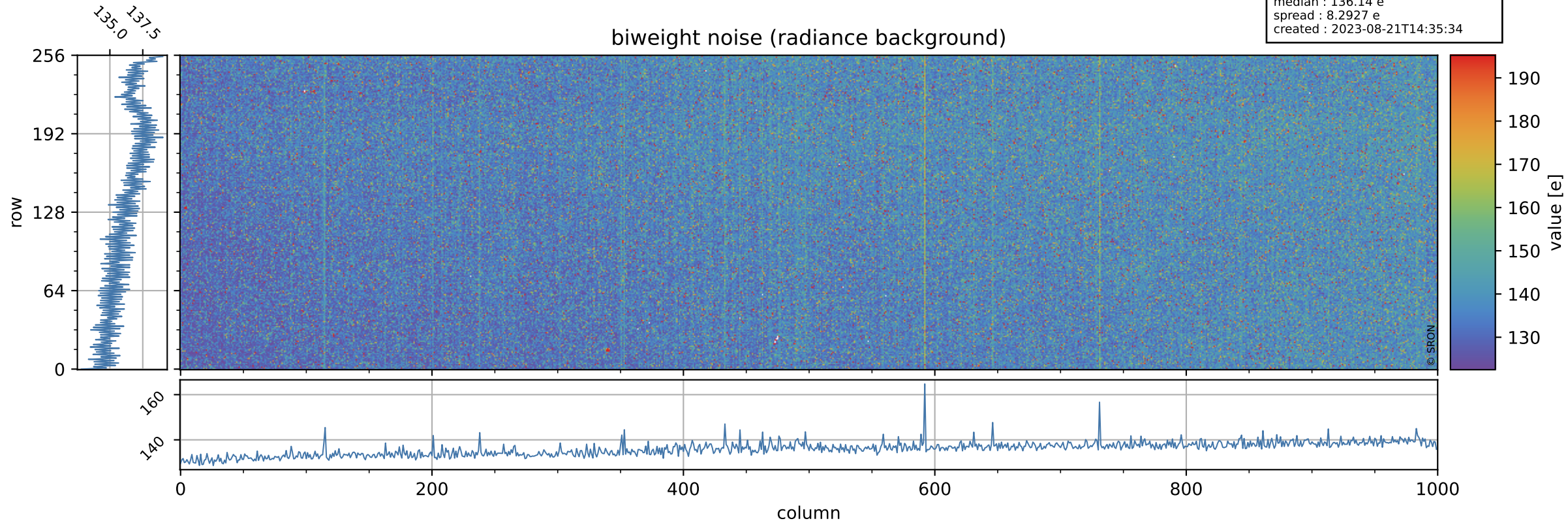
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5392, 5482]
coverage : 2018-10-28 / 2018-11-03
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.2927 e
created : 2023-08-21T14:35:34

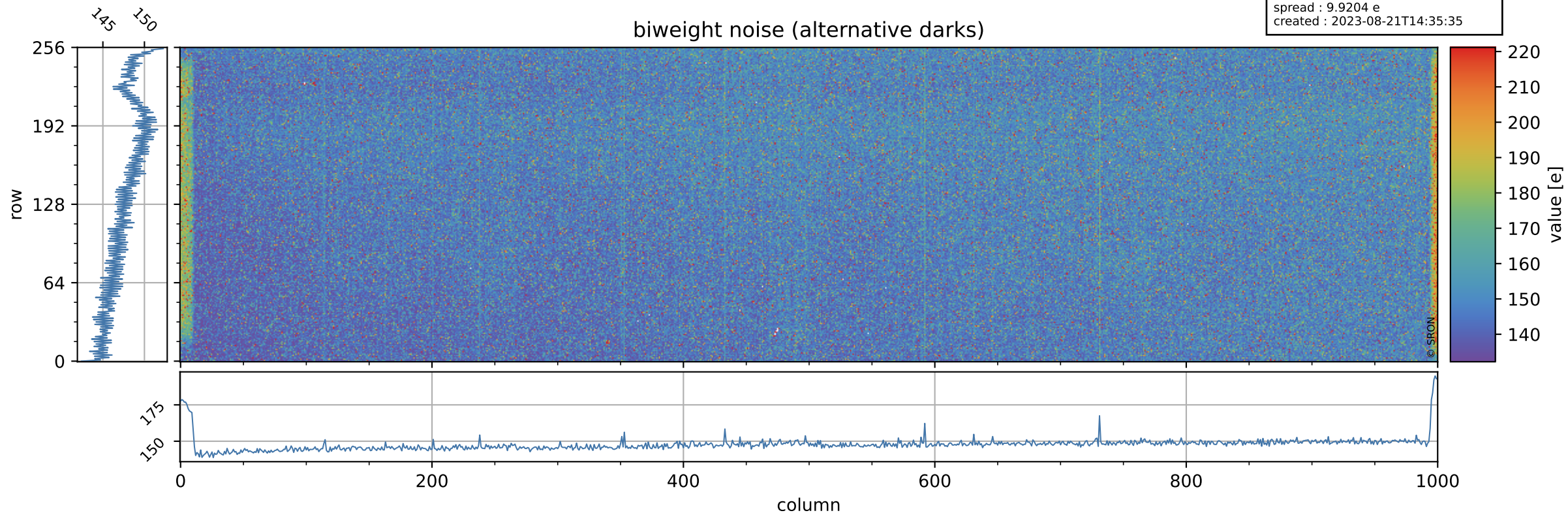
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5392, 5482]
coverage : 2018-10-28 / 2018-11-03
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9204 e
created : 2023-08-21T14:35:35

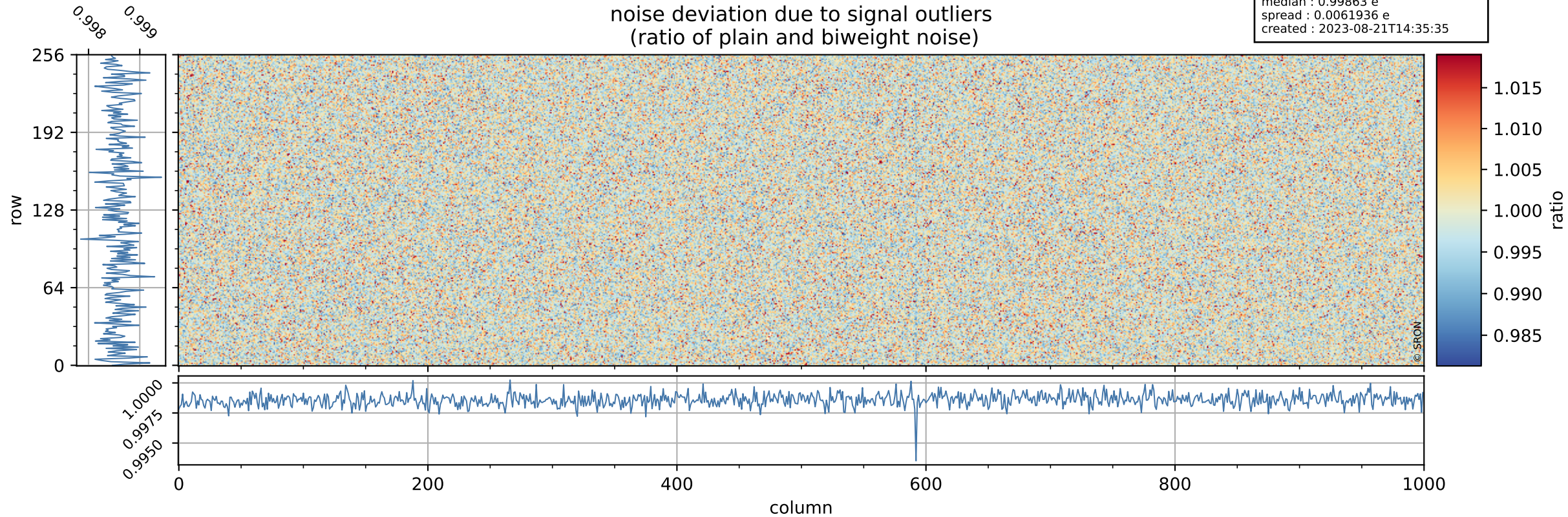
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

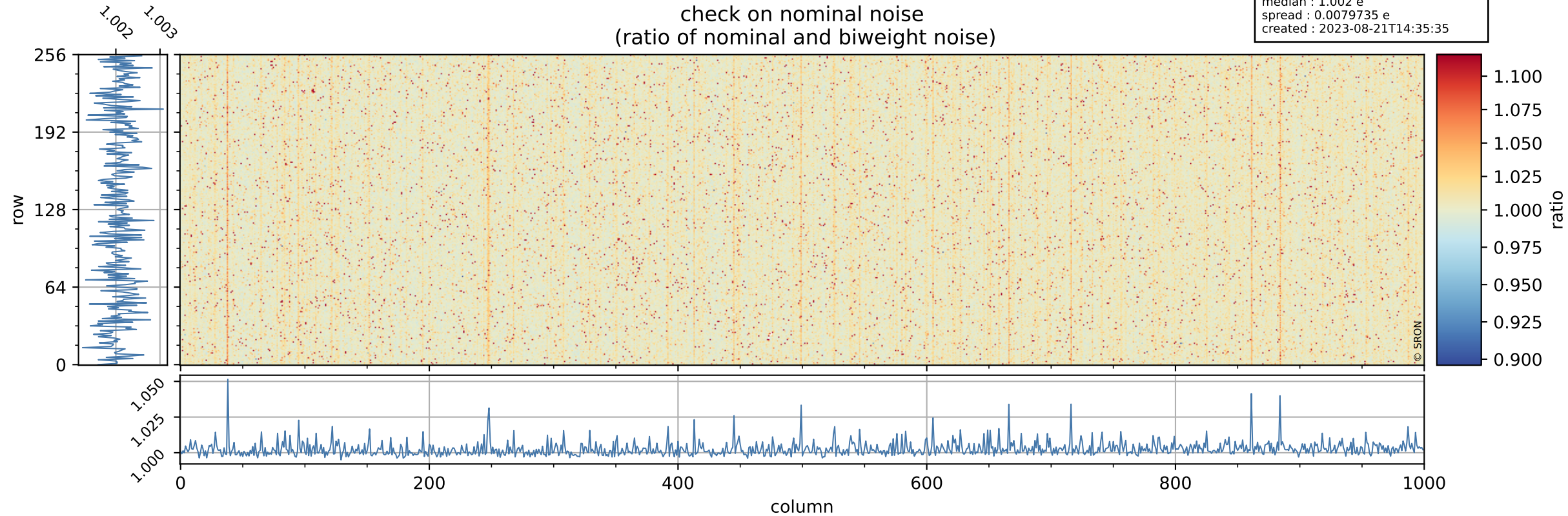
orbits : 12 in [5392, 5482]
coverage : 2018-10-28 / 2018-11-03
median : 0.99863 e
spread : 0.0061936 e
created : 2023-08-21T14:35:35



Tropomi SWIR background noise (swir)

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

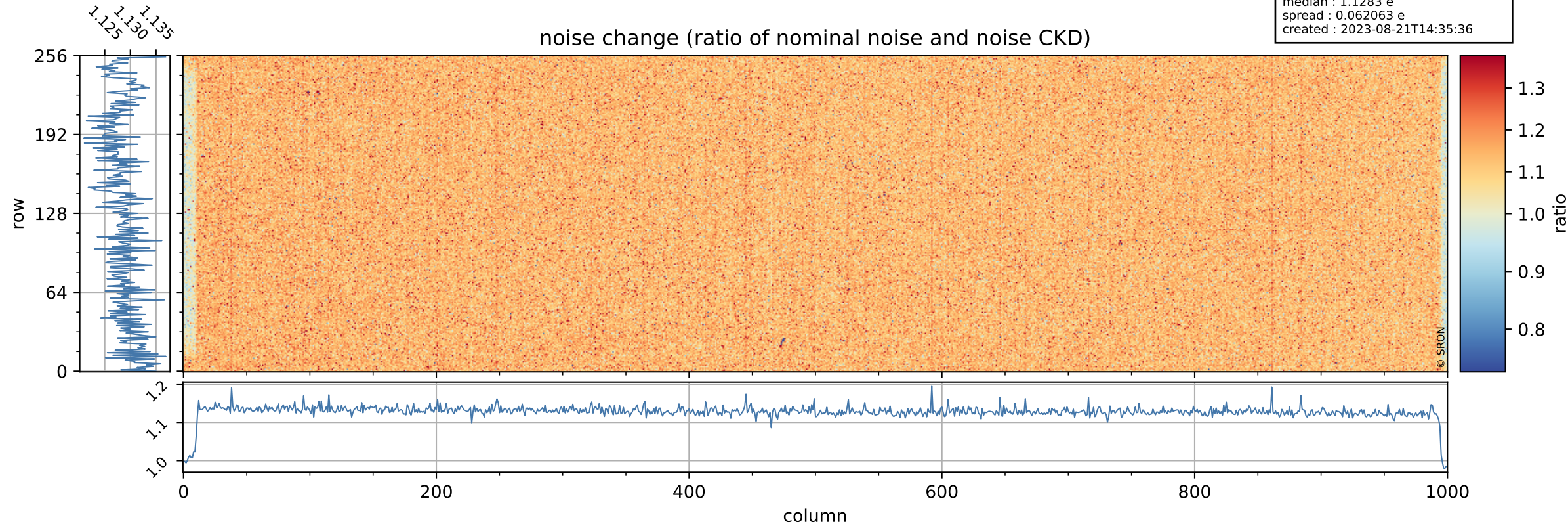
orbits : 12 in [5392, 5482]
coverage : 2018-10-28 / 2018-11-03
median : 1.002 e
spread : 0.0079735 e
created : 2023-08-21T14:35:35



Tropomi SWIR background noise (swir)

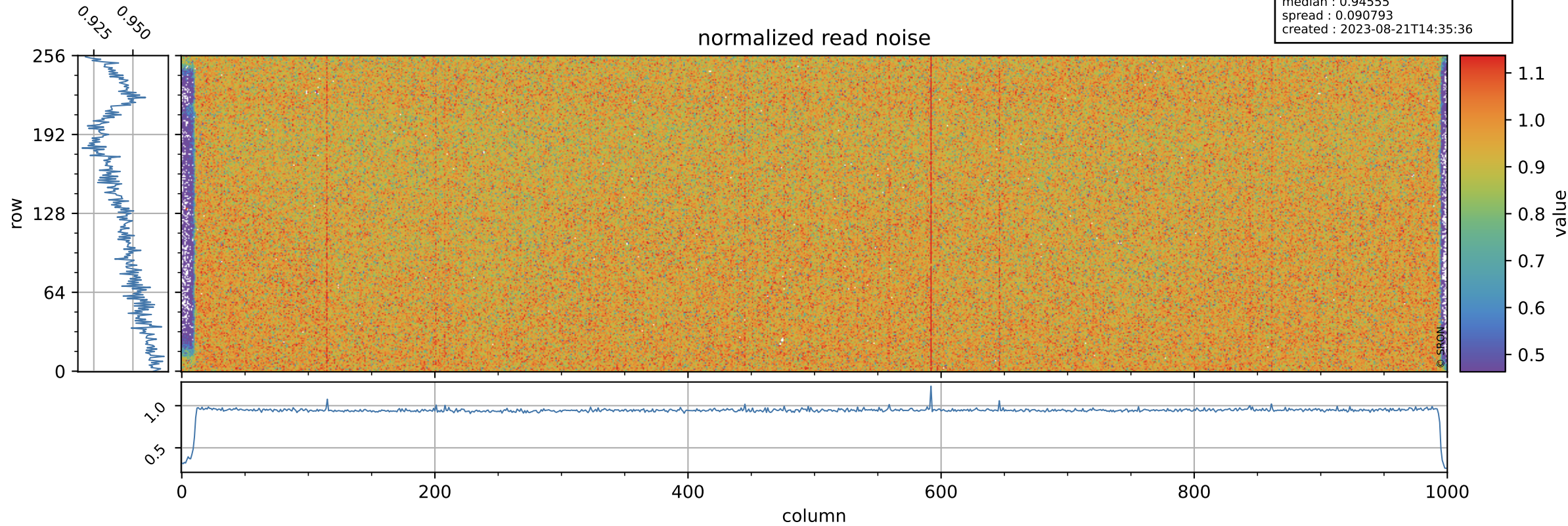
orbits : 12 in [5392, 5482]
coverage : 2018-10-28 / 2018-11-03
median : 1.1283 e
spread : 0.062063 e
created : 2023-08-21T14:35:36

noise change (ratio of nominal noise and noise CKD)



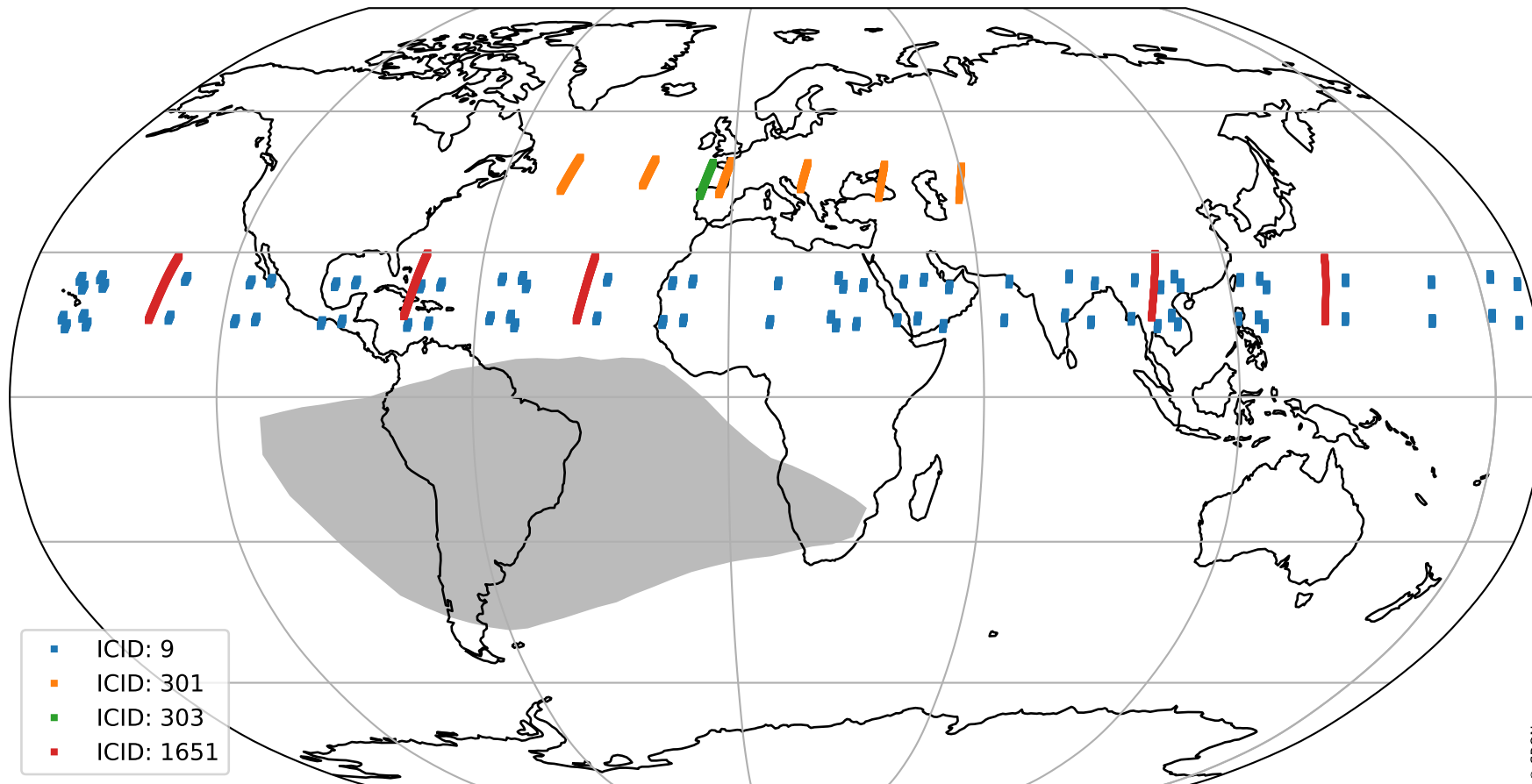
Tropomi SWIR background noise (swir)

orbits : 12 in [5392, 5482]
coverage : 2018-10-28 / 2018-11-03
median : 0.94555
spread : 0.090793
created : 2023-08-21T14:35:36



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

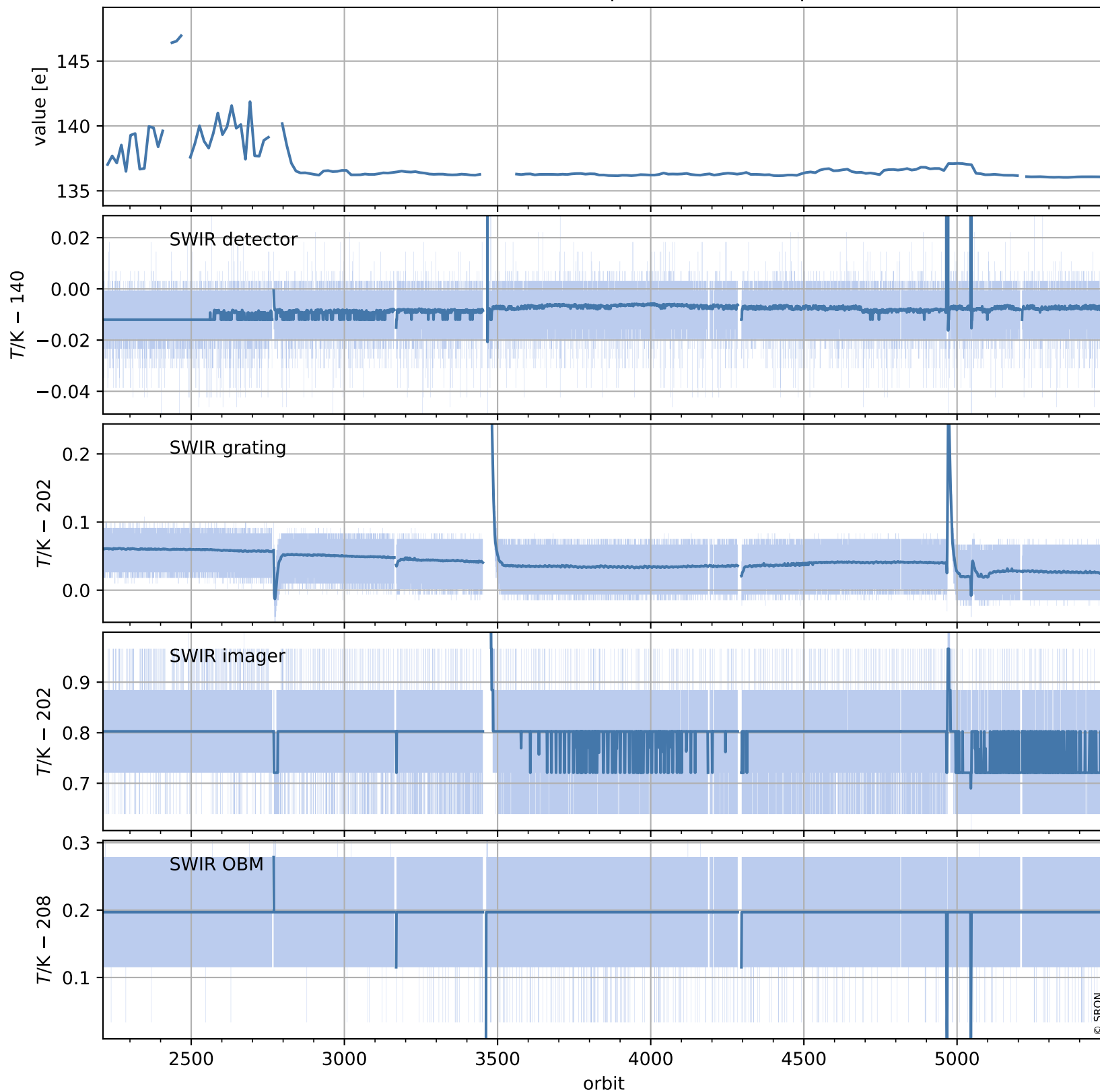
orbits : 12 in [5392, 5482]
coverage : 2018-10-28 / 2018-11-03
created : 2023-08-21T14:35:37



Tropomi SWIR background noise (swir)

orbits : [2212, 5482]
coverage : 2018-03-18 / 2018-11-03
created : 2023-08-21T14:35:37

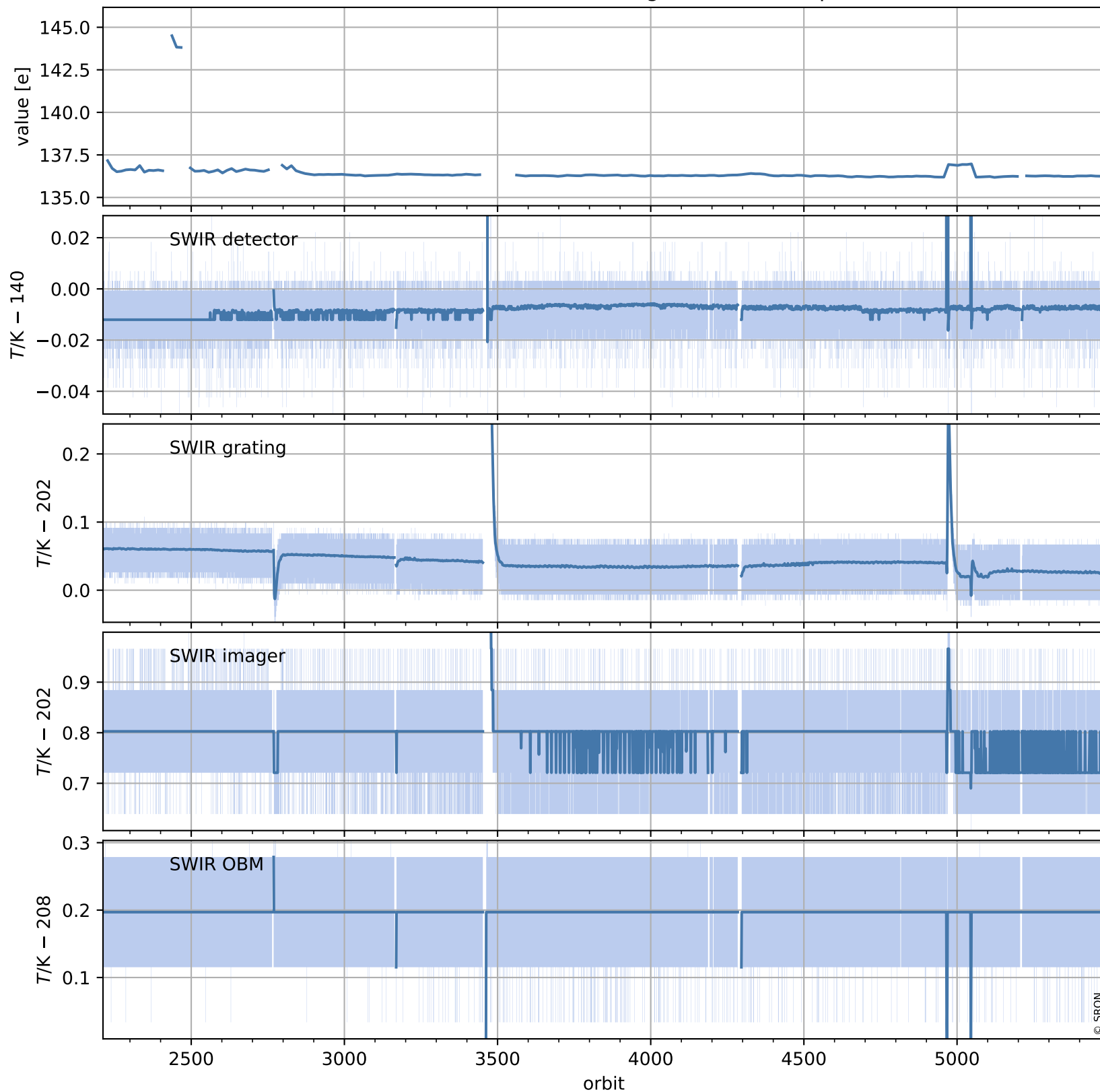
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5482]
coverage : 2018-03-18 / 2018-11-03
created : 2023-08-21T14:35:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5482]
coverage : 2018-03-18 / 2018-11-03
created : 2023-08-21T14:35:39

trend of normalized read-noise & temperatures

