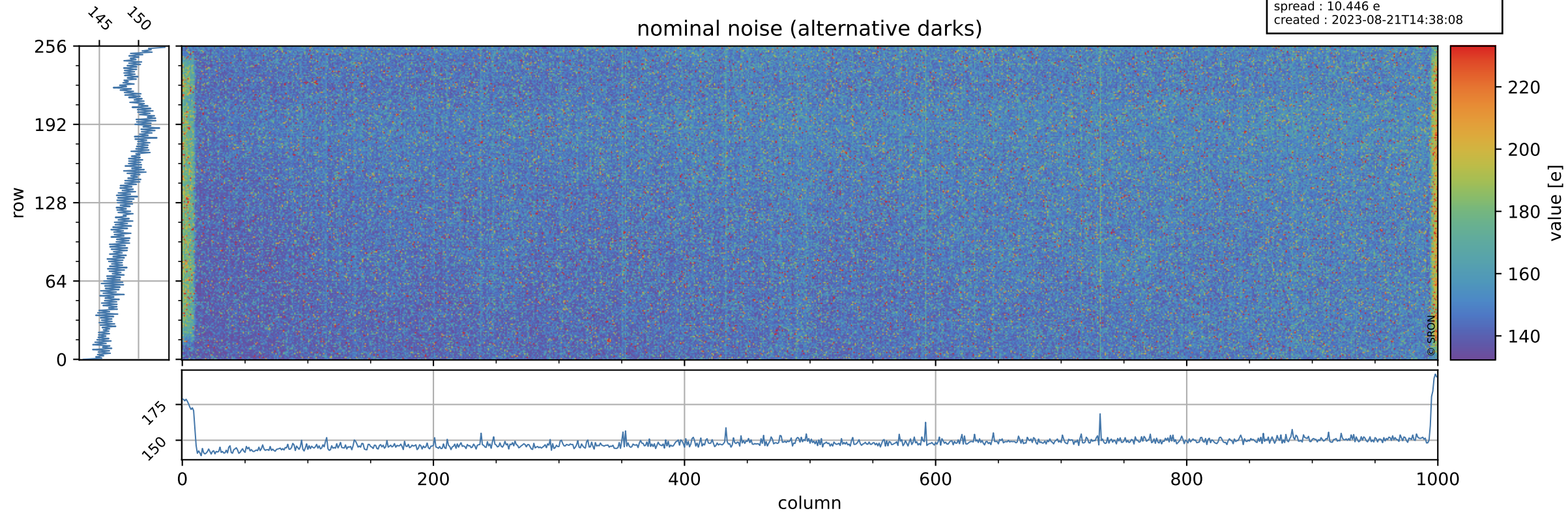


Tropomi SWIR background noise (swir)

orbits : 12 in [5737, 5827]
coverage : 2018-11-22 / 2018-11-28
n_coad, t_exp : 1, 1.0783
median : 148.3 e
spread : 10.446 e
created : 2023-08-21T14:38:08

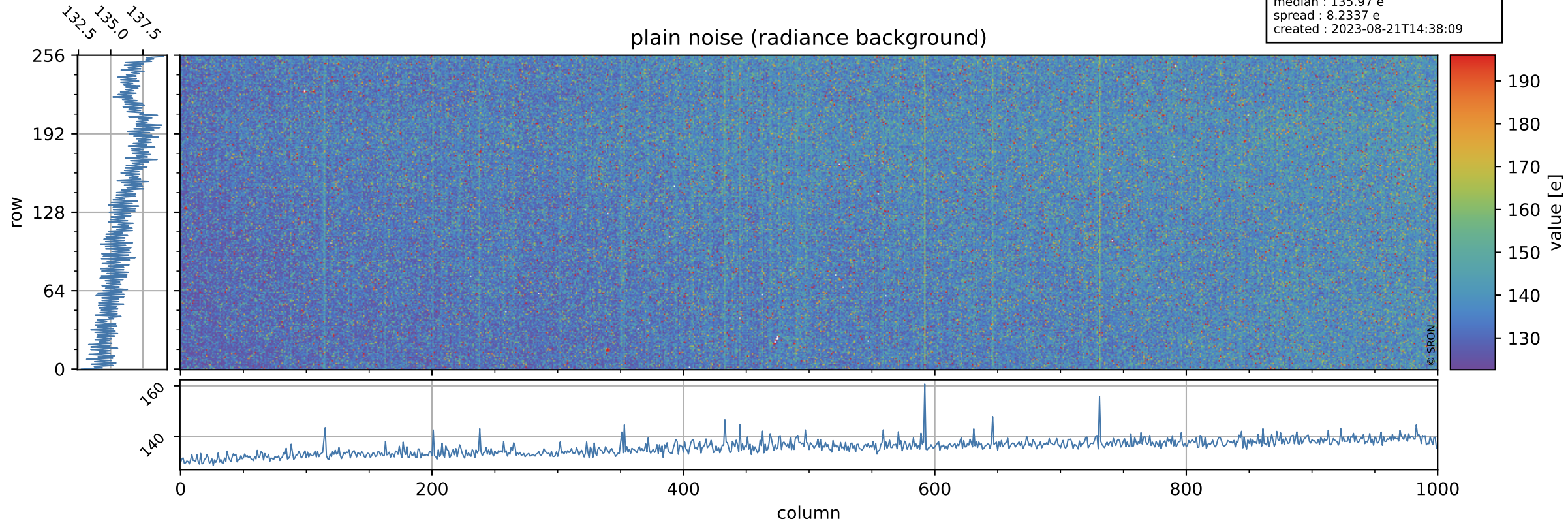
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5737, 5827]
coverage : 2018-11-22 / 2018-11-28
n_coad, t_exp : 2, 0.5383
median : 135.97 e
spread : 8.2337 e
created : 2023-08-21T14:38:09

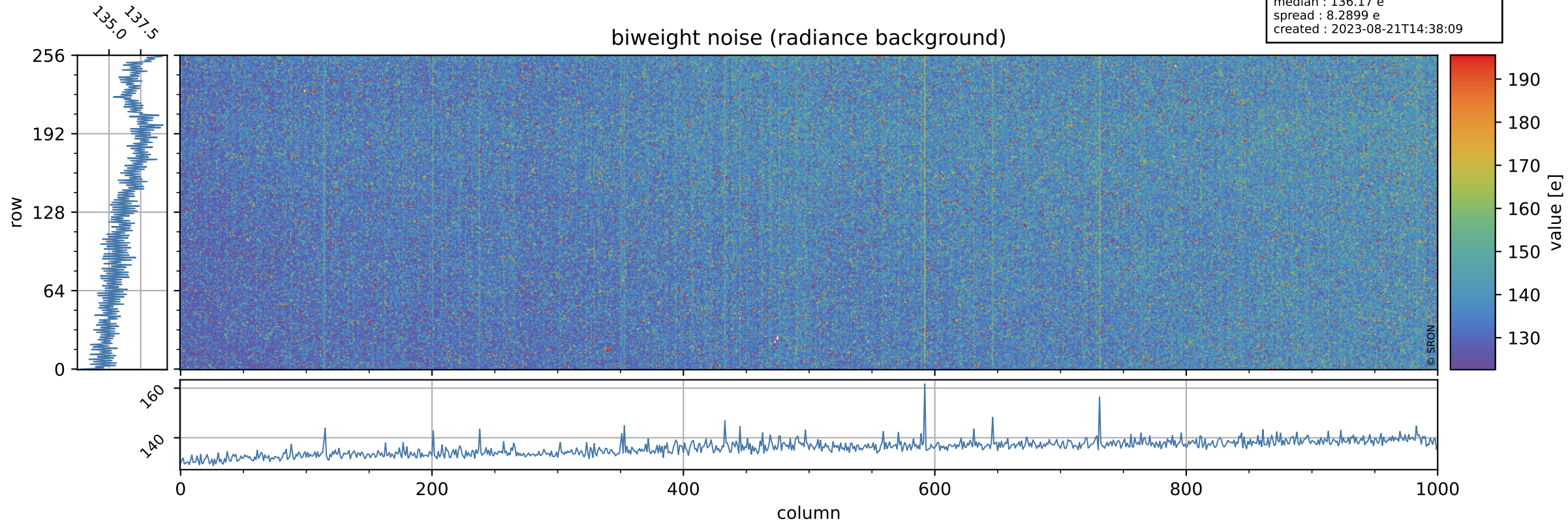
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5737, 5827]
coverage : 2018-11-22 / 2018-11-28
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.2899 e
created : 2023-08-21T14:38:09

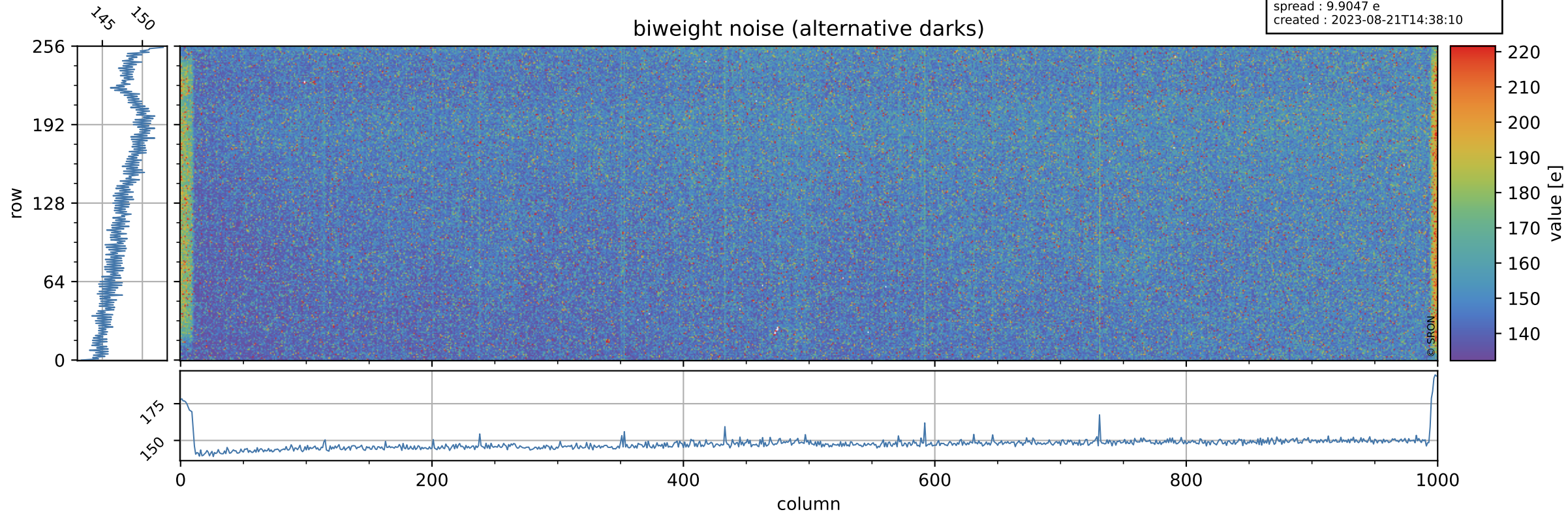
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5737, 5827]
coverage : 2018-11-22 / 2018-11-28
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9047 e
created : 2023-08-21T14:38:10

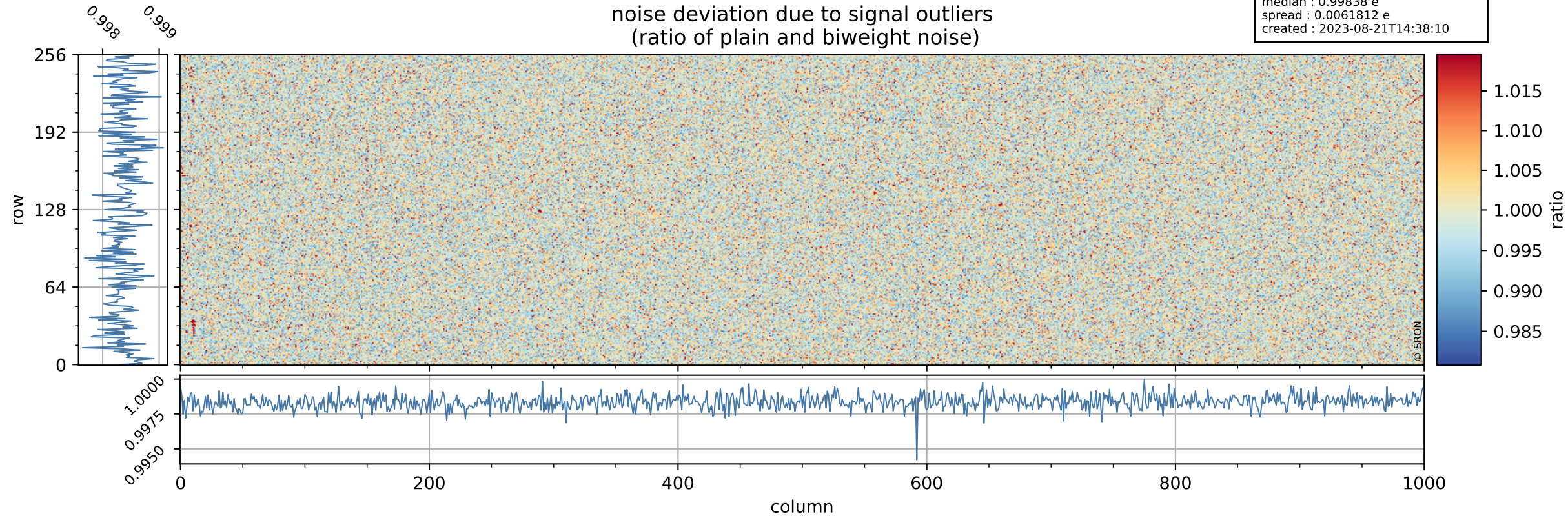
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

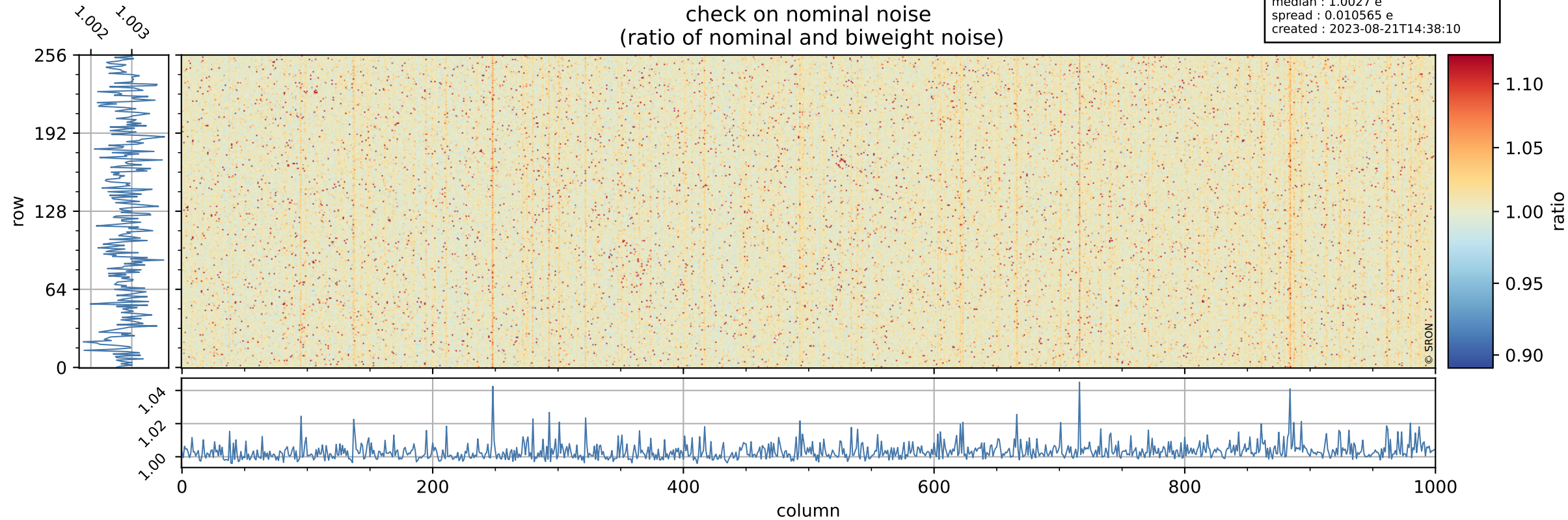
orbits : 12 in [5737, 5827]
coverage : 2018-11-22 / 2018-11-28
median : 0.99838 e
spread : 0.0061812 e
created : 2023-08-21T14:38:10



Tropomi SWIR background noise (swir)

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

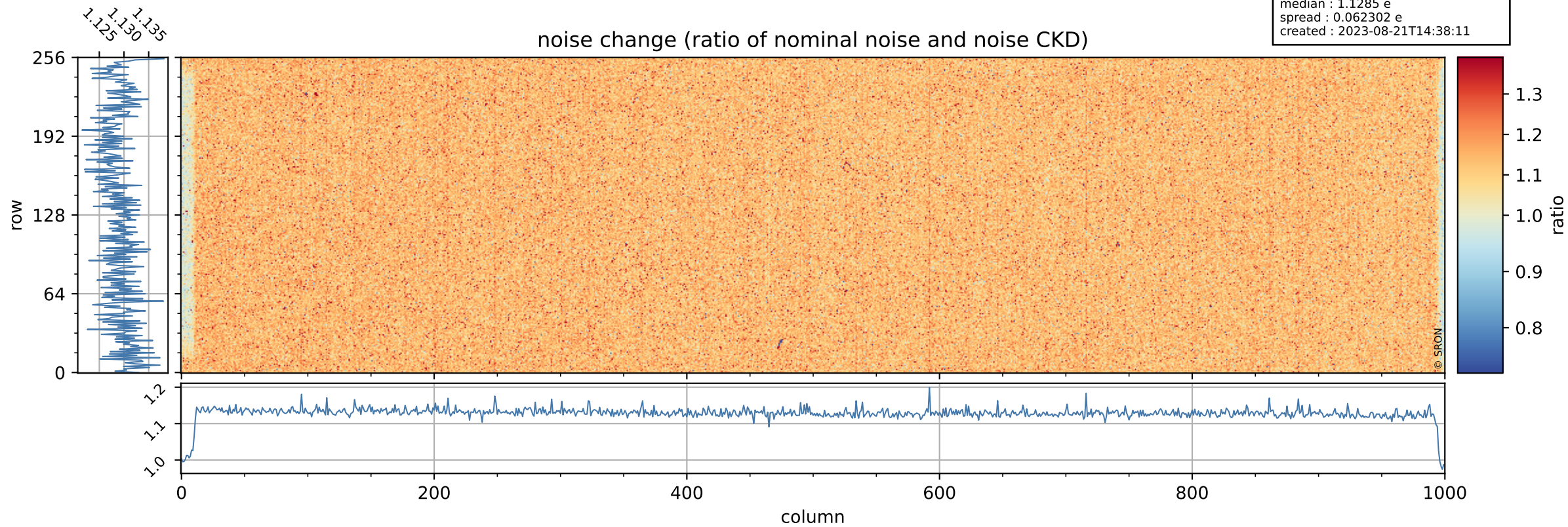
orbits : 12 in [5737, 5827]
coverage : 2018-11-22 / 2018-11-28
median : 1.0027 e
spread : 0.010565 e
created : 2023-08-21T14:38:10



Tropomi SWIR background noise (swir)

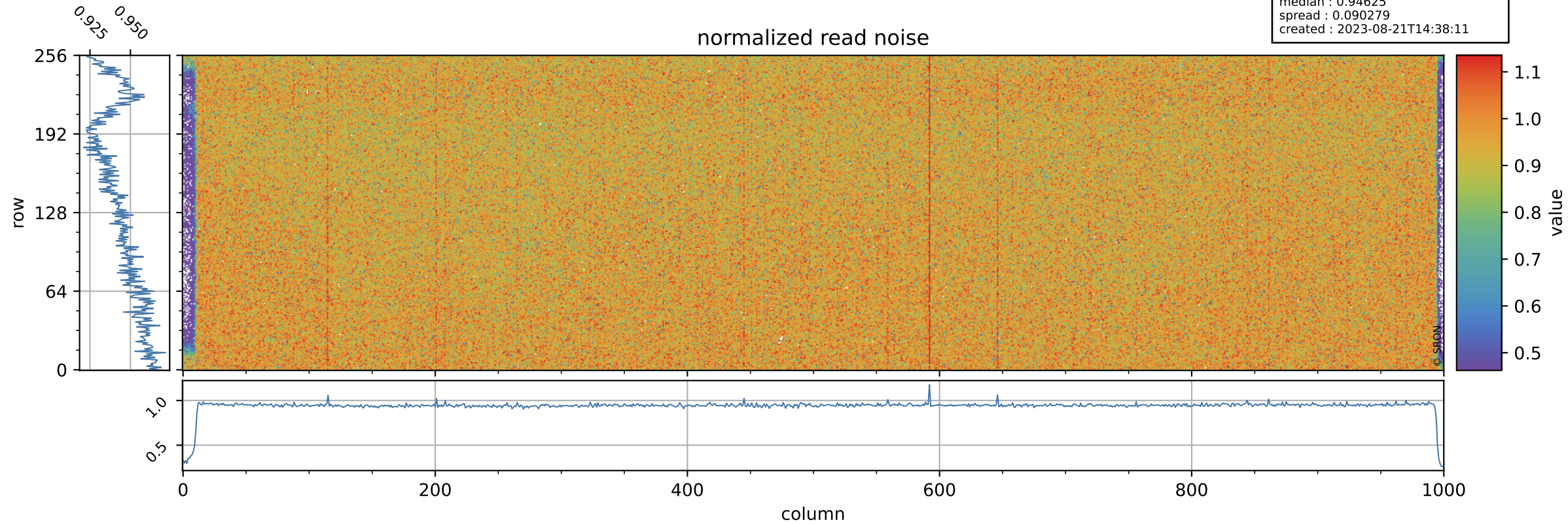
orbits : 12 in [5737, 5827]
coverage : 2018-11-22 / 2018-11-28
median : 1.1285 e
spread : 0.062302 e
created : 2023-08-21T14:38:11

noise change (ratio of nominal noise and noise CKD)



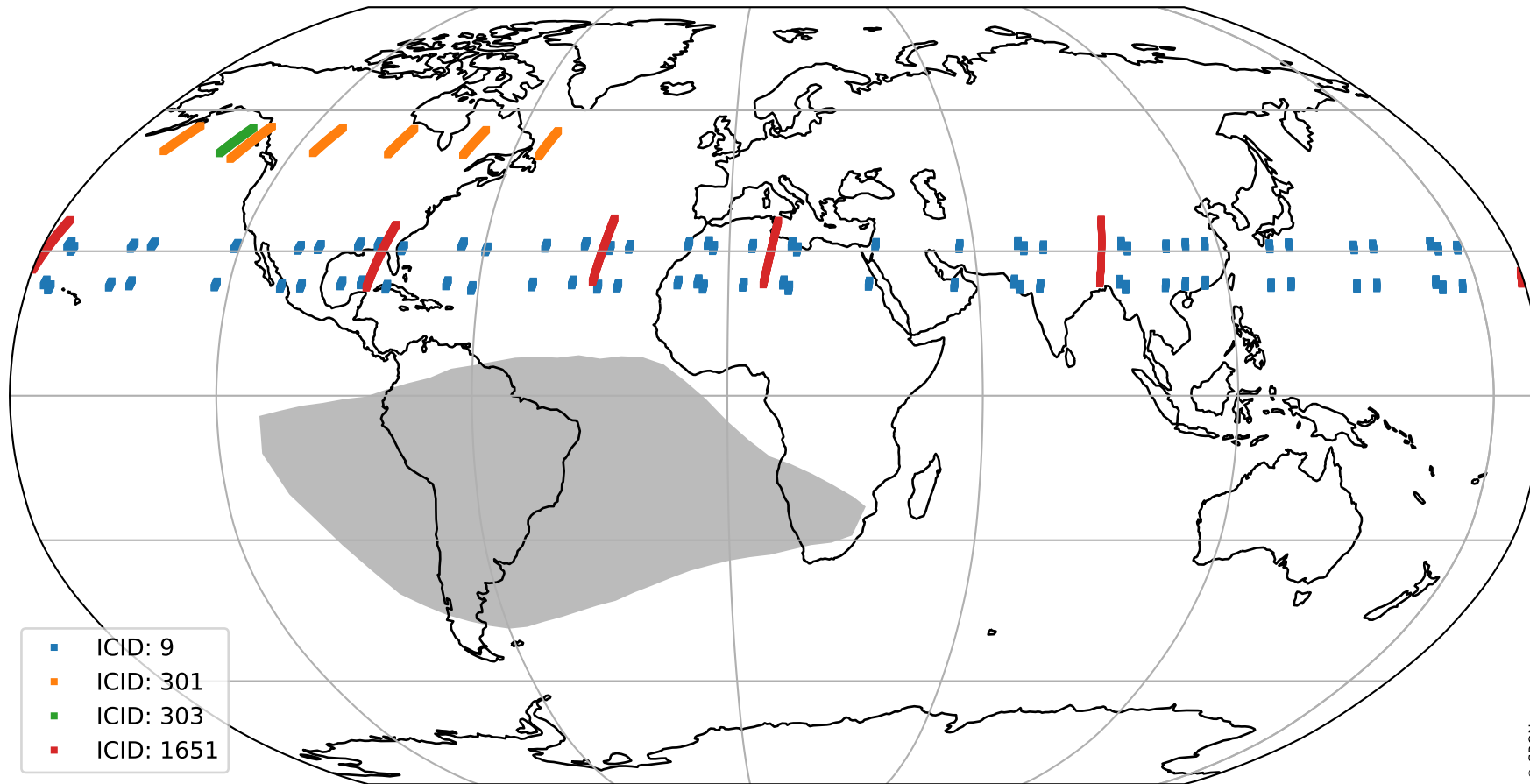
Tropomi SWIR background noise (swir)

orbits : 12 in [5737, 5827]
coverage : 2018-11-22 / 2018-11-28
median : 0.94625
spread : 0.090279
created : 2023-08-21T14:38:11



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

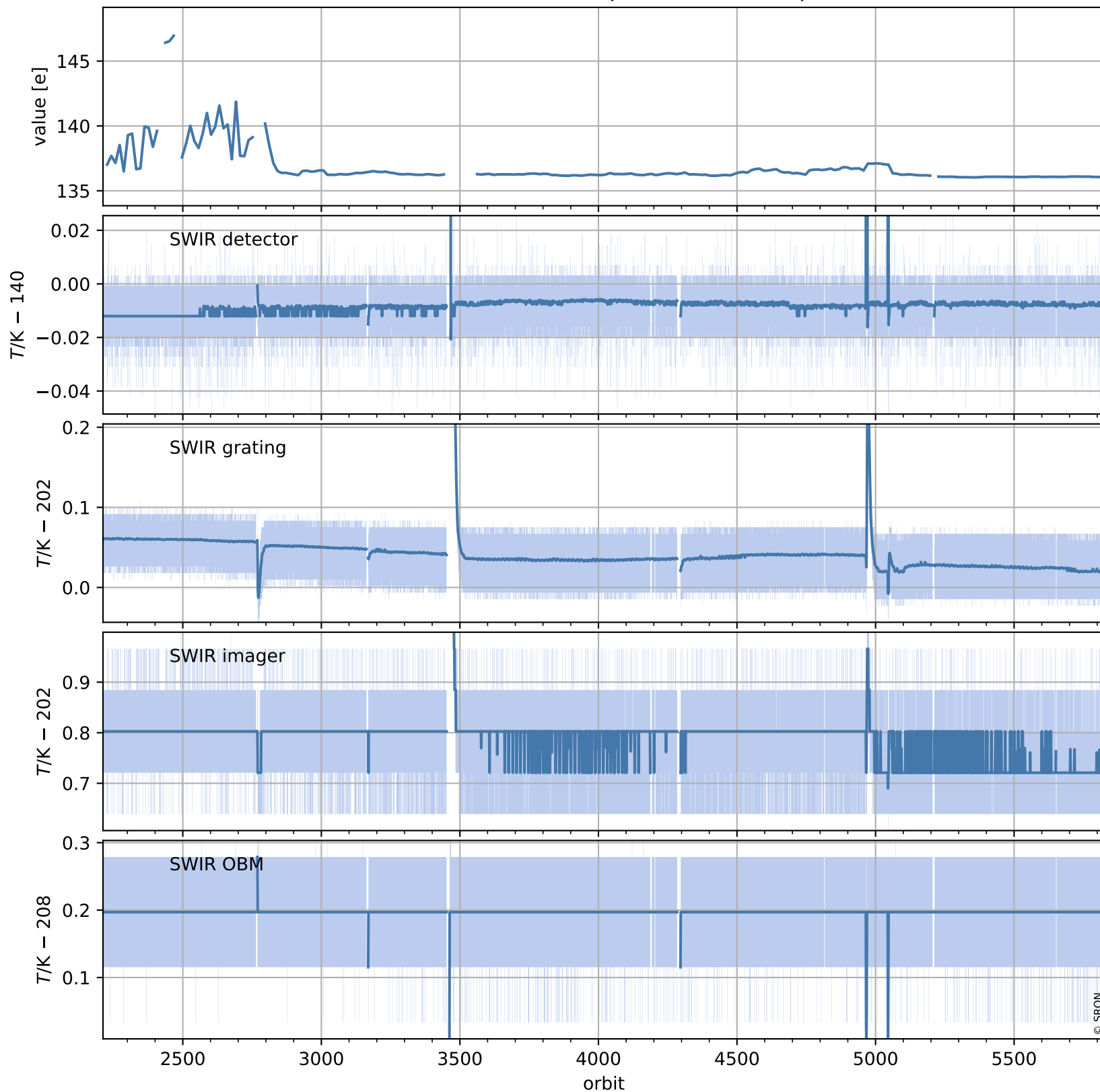
orbits : 12 in [5737, 5827]
coverage : 2018-11-22 / 2018-11-28
created : 2023-08-21T14:38:11



Tropomi SWIR background noise (swir)

orbits : [2212, 5827]
coverage : 2018-03-18 / 2018-11-28
created : 2023-08-21T14:38:12

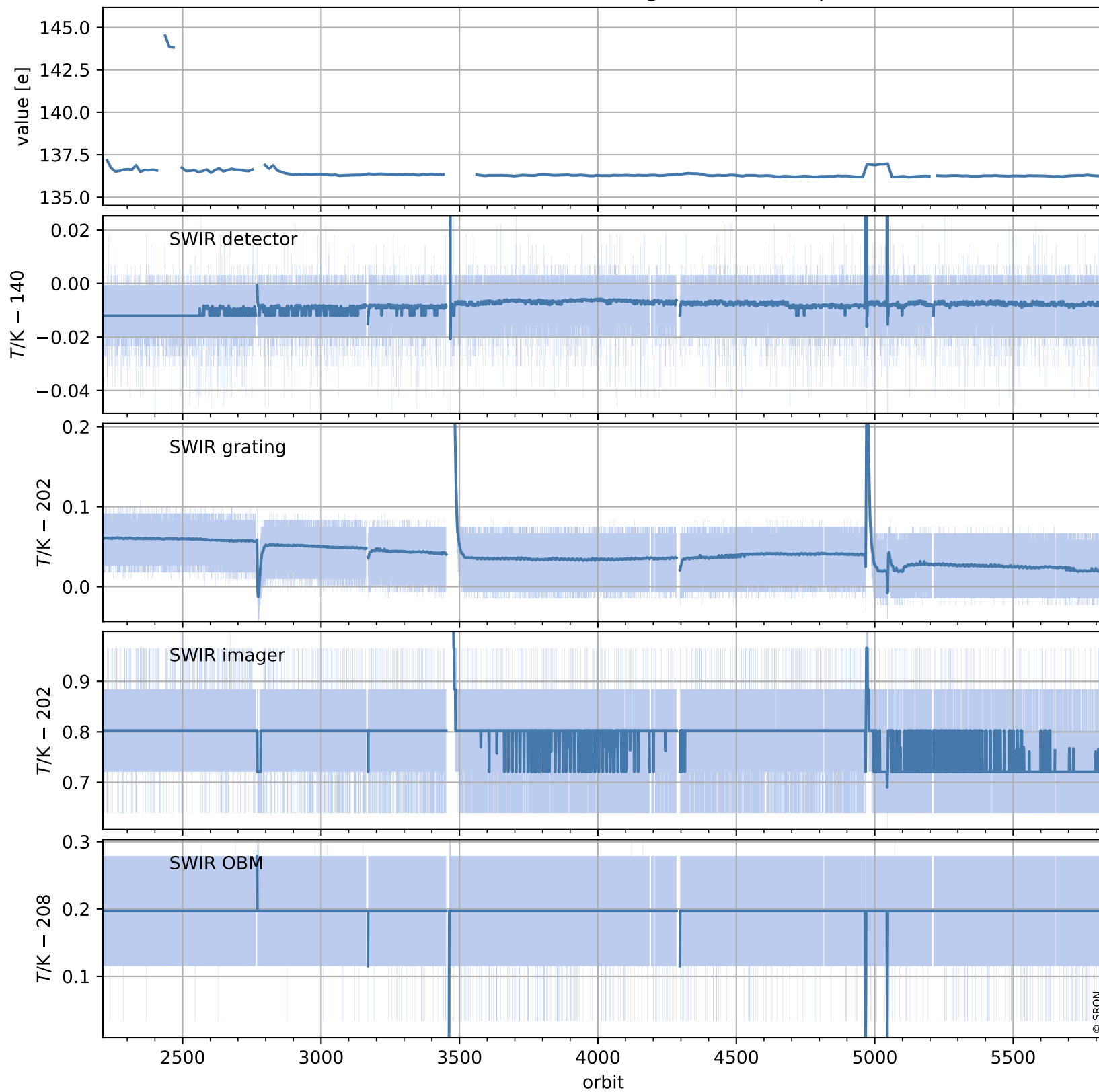
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5827]
coverage : 2018-03-18 / 2018-11-28
created : 2023-08-21T14:38:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5827]
coverage : 2018-03-18 / 2018-11-28
created : 2023-08-21T14:38:13

trend of normalized read-noise & temperatures

