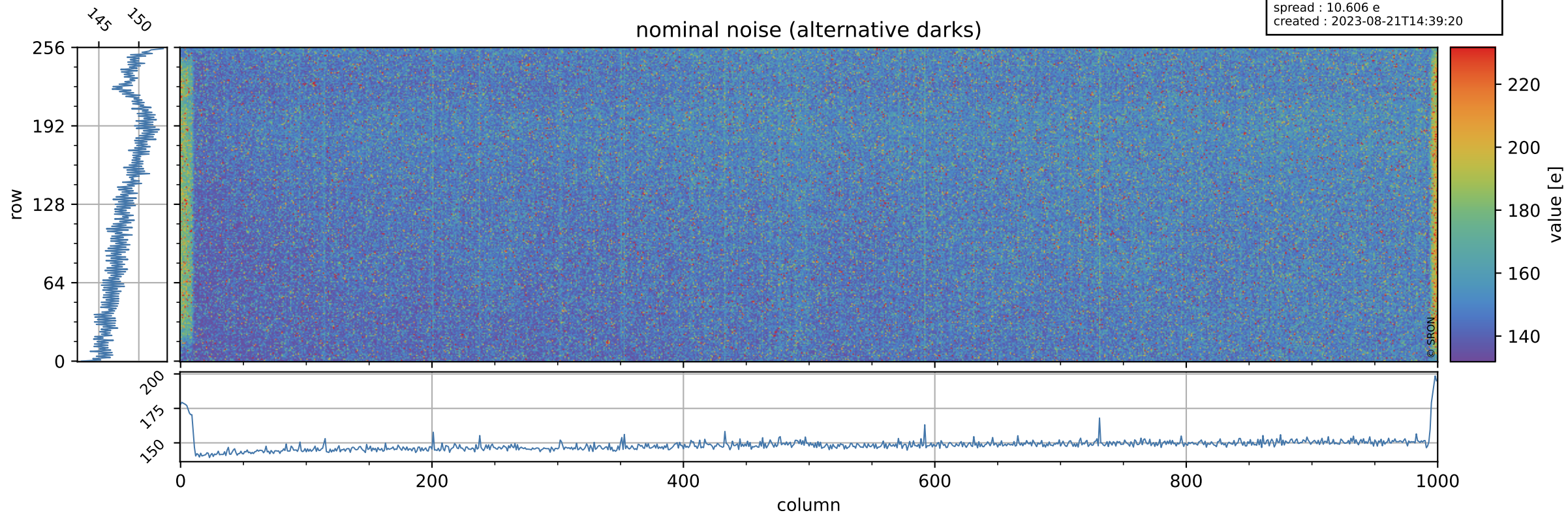


Tropomi SWIR background noise (swir)

orbits : 9 in [5962, 6022]
coverage : 2018-12-05 / 2018-12-10
n_coad, t_exp : 1, 1.0783
median : 148.26 e
spread : 10.606 e
created : 2023-08-21T14:39:20

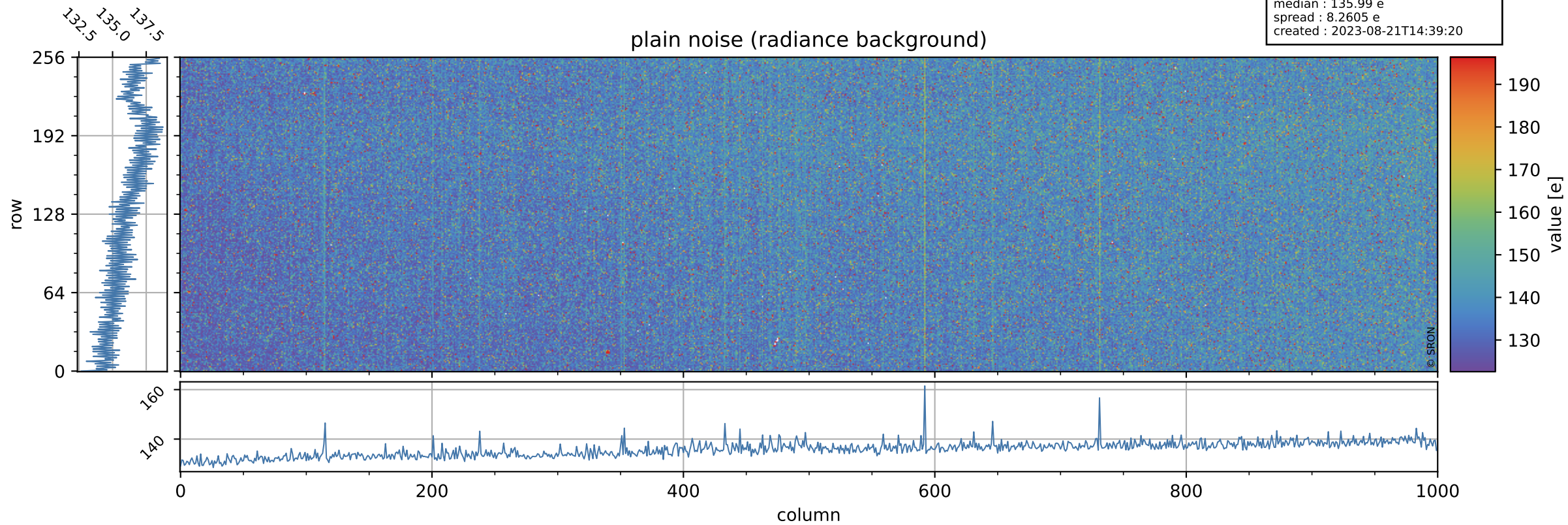
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 9 in [5962, 6022]
coverage : 2018-12-05 / 2018-12-10
n_coad, t_exp : 2, 0.5383
median : 135.99 e
spread : 8.2605 e
created : 2023-08-21T14:39:20

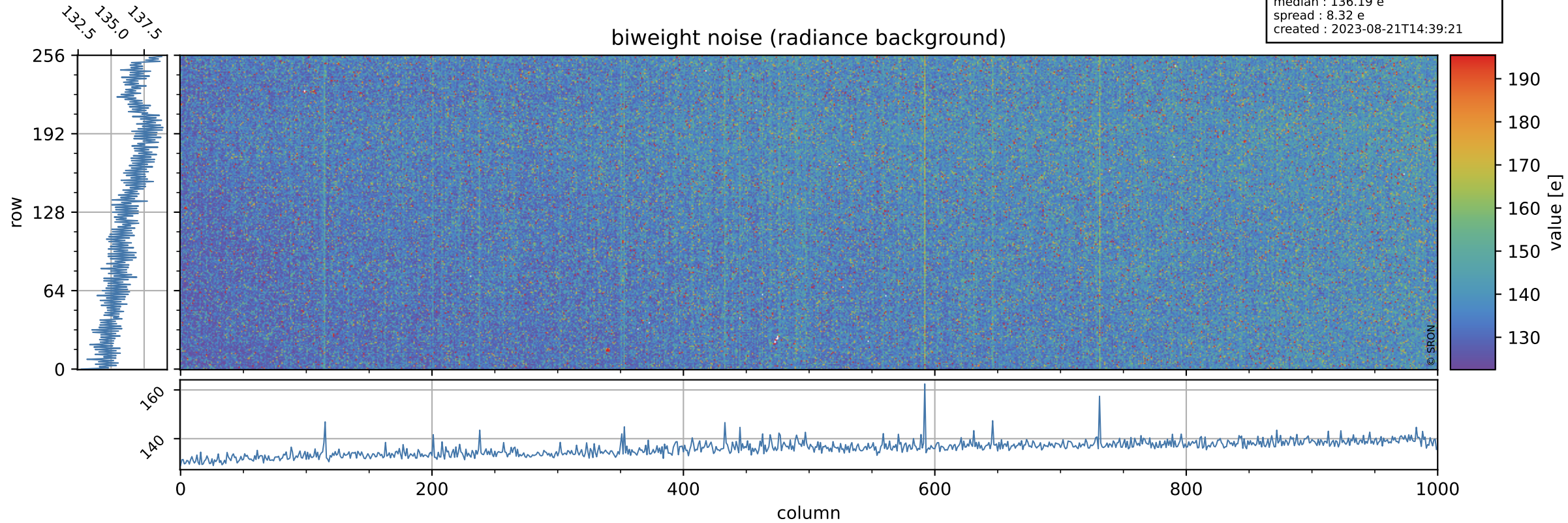
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 9 in [5962, 6022]
coverage : 2018-12-05 / 2018-12-10
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.32 e
created : 2023-08-21T14:39:21

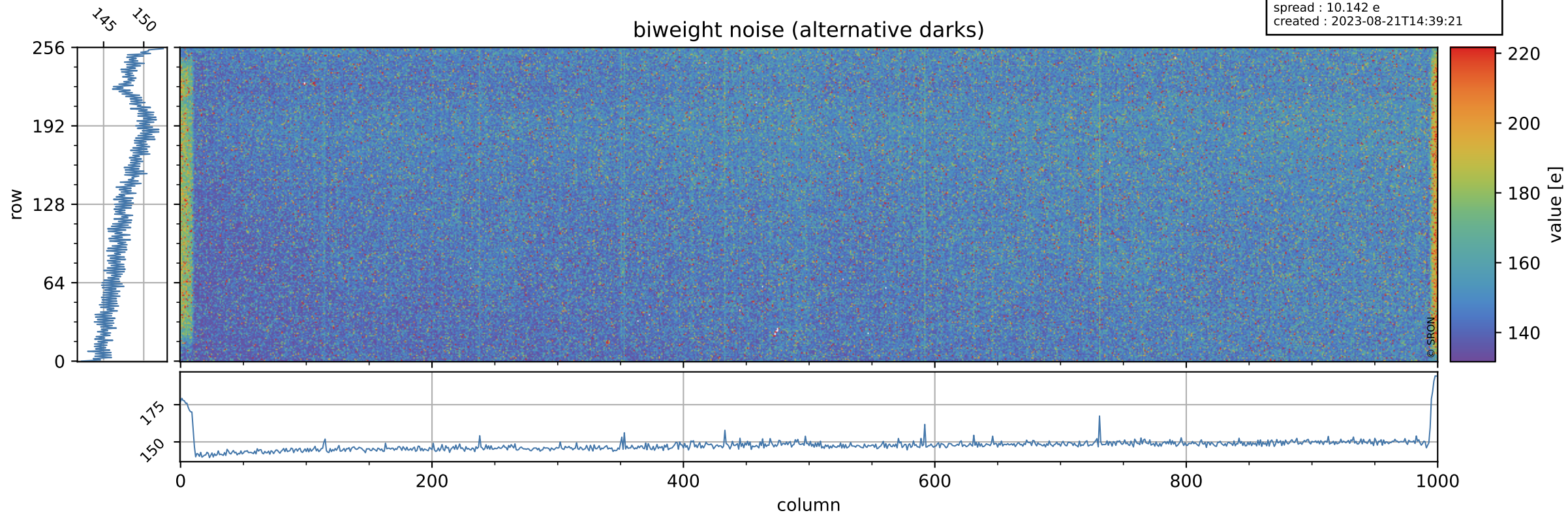
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 9 in [5962, 6022]
coverage : 2018-12-05 / 2018-12-10
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 10.142 e
created : 2023-08-21T14:39:21

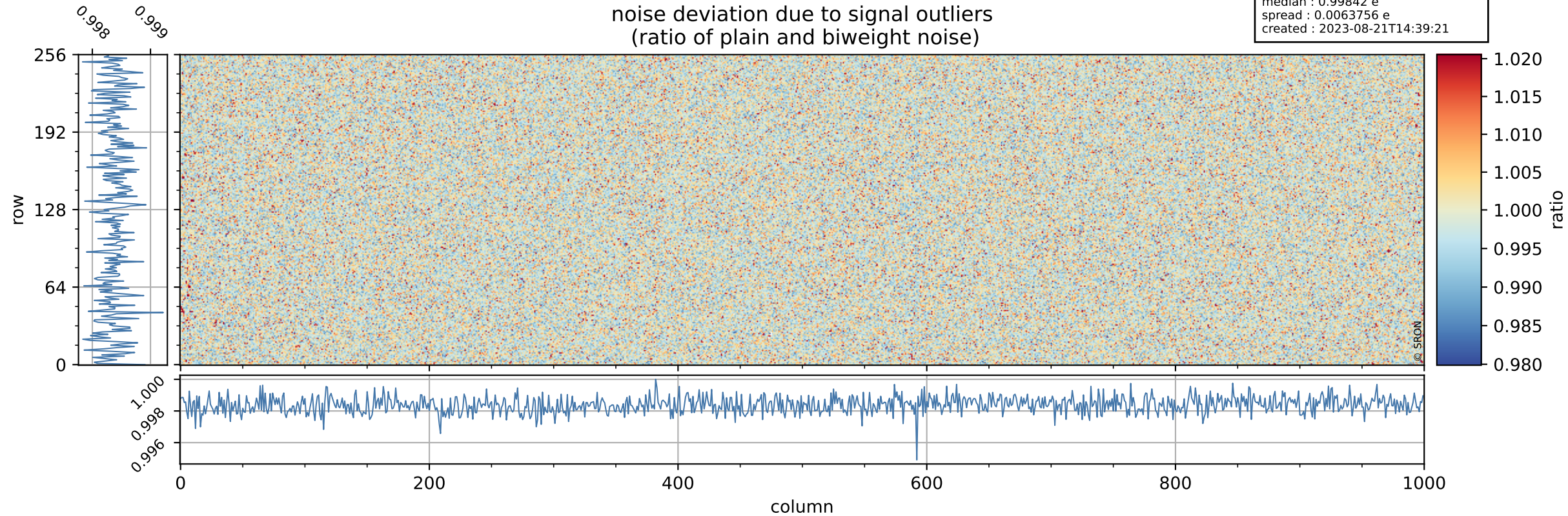
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

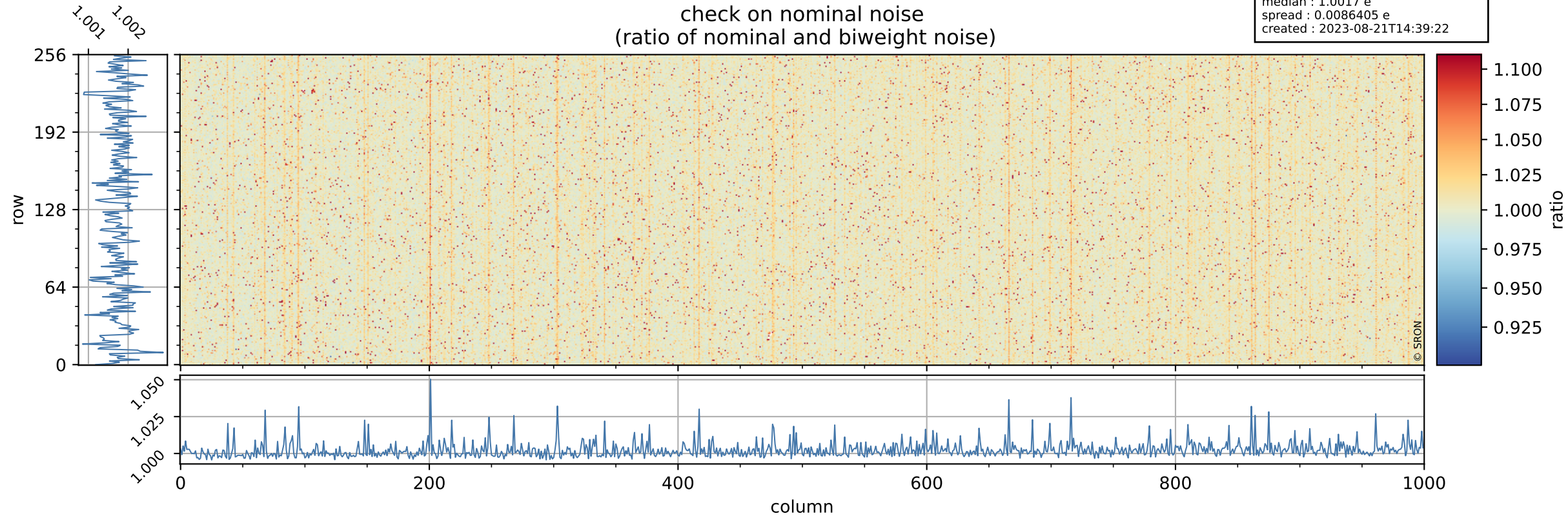
orbits : 9 in [5962, 6022]
coverage : 2018-12-05 / 2018-12-10
median : 0.99842 e
spread : 0.0063756 e
created : 2023-08-21T14:39:21



Tropomi SWIR background noise (swir)

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

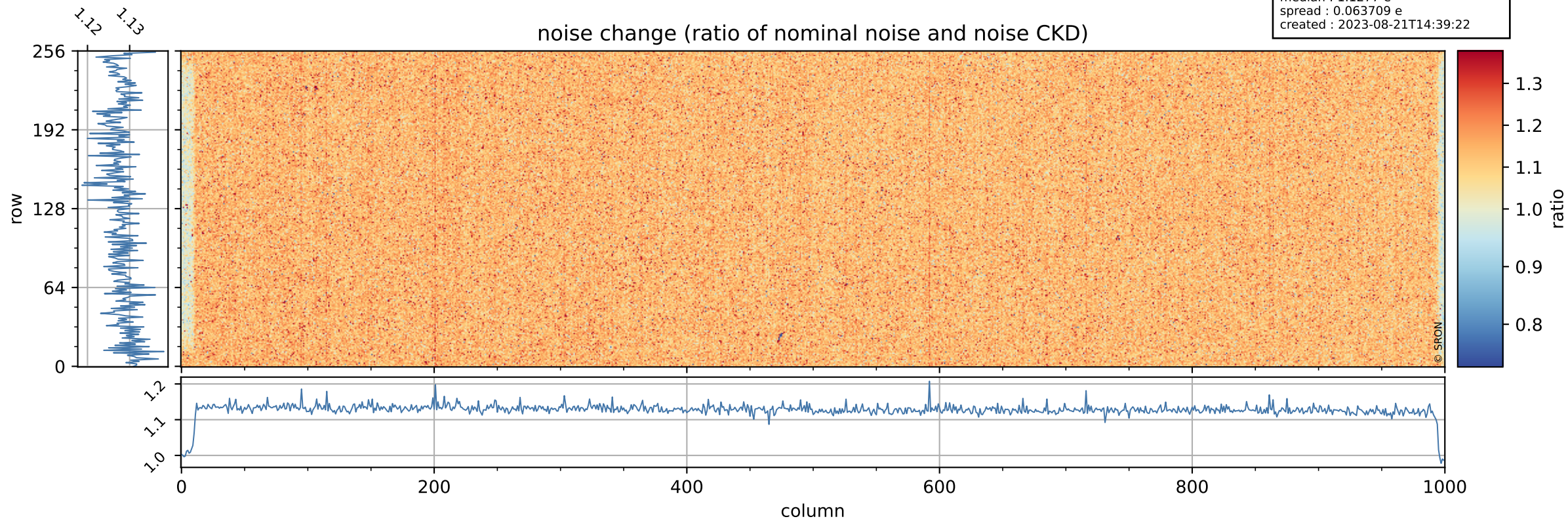
orbits : 9 in [5962, 6022]
coverage : 2018-12-05 / 2018-12-10
median : 1.0017 e
spread : 0.0086405 e
created : 2023-08-21T14:39:22



Tropomi SWIR background noise (swir)

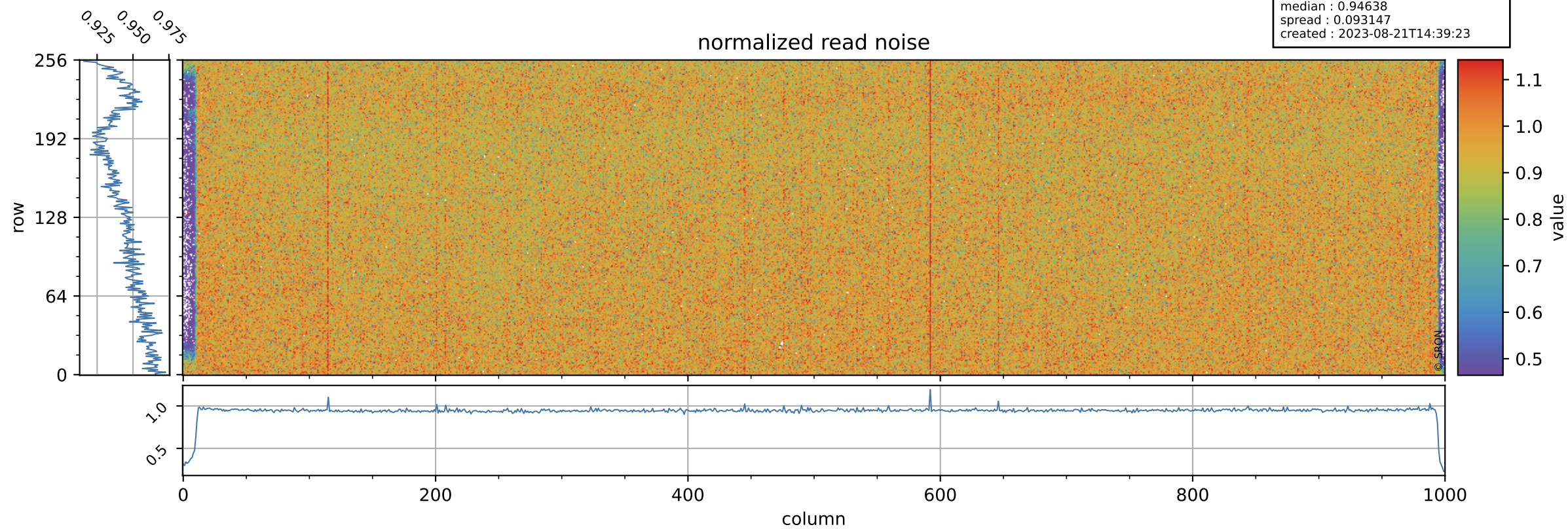
orbits : 9 in [5962, 6022]
coverage : 2018-12-05 / 2018-12-10
median : 1.1277 e
spread : 0.063709 e
created : 2023-08-21T14:39:22

noise change (ratio of nominal noise and noise CKD)



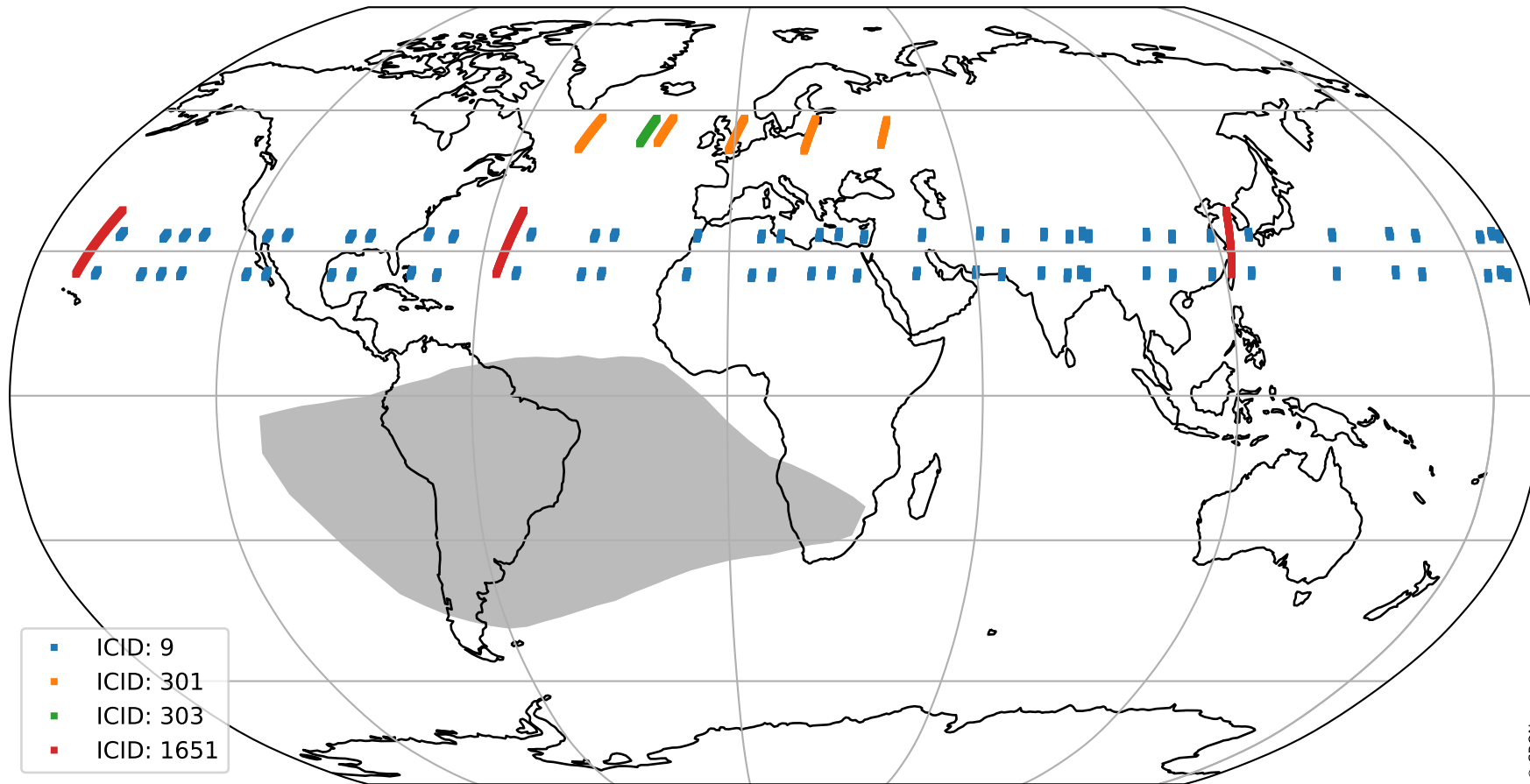
Tropomi SWIR background noise (swir)

orbits : 9 in [5962, 6022]
coverage : 2018-12-05 / 2018-12-10
median : 0.94638
spread : 0.093147
created : 2023-08-21T14:39:23



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

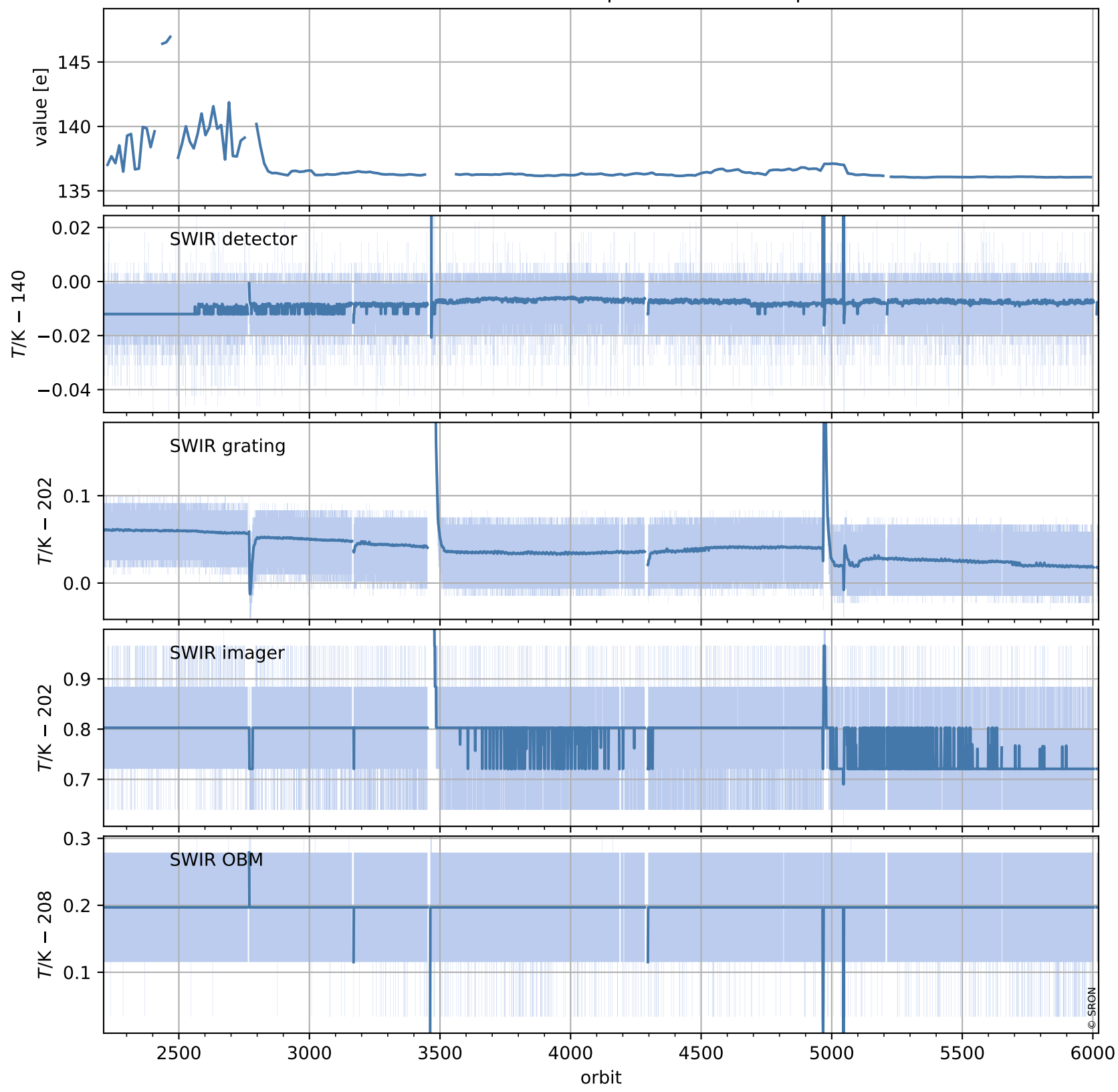
orbits : 9 in [5962, 6022]
coverage : 2018-12-05 / 2018-12-10
created : 2023-08-21T14:39:23



Tropomi SWIR background noise (swir)

orbits : [2212, 6022]
coverage : 2018-03-18 / 2018-12-10
created : 2023-08-21T14:39:23

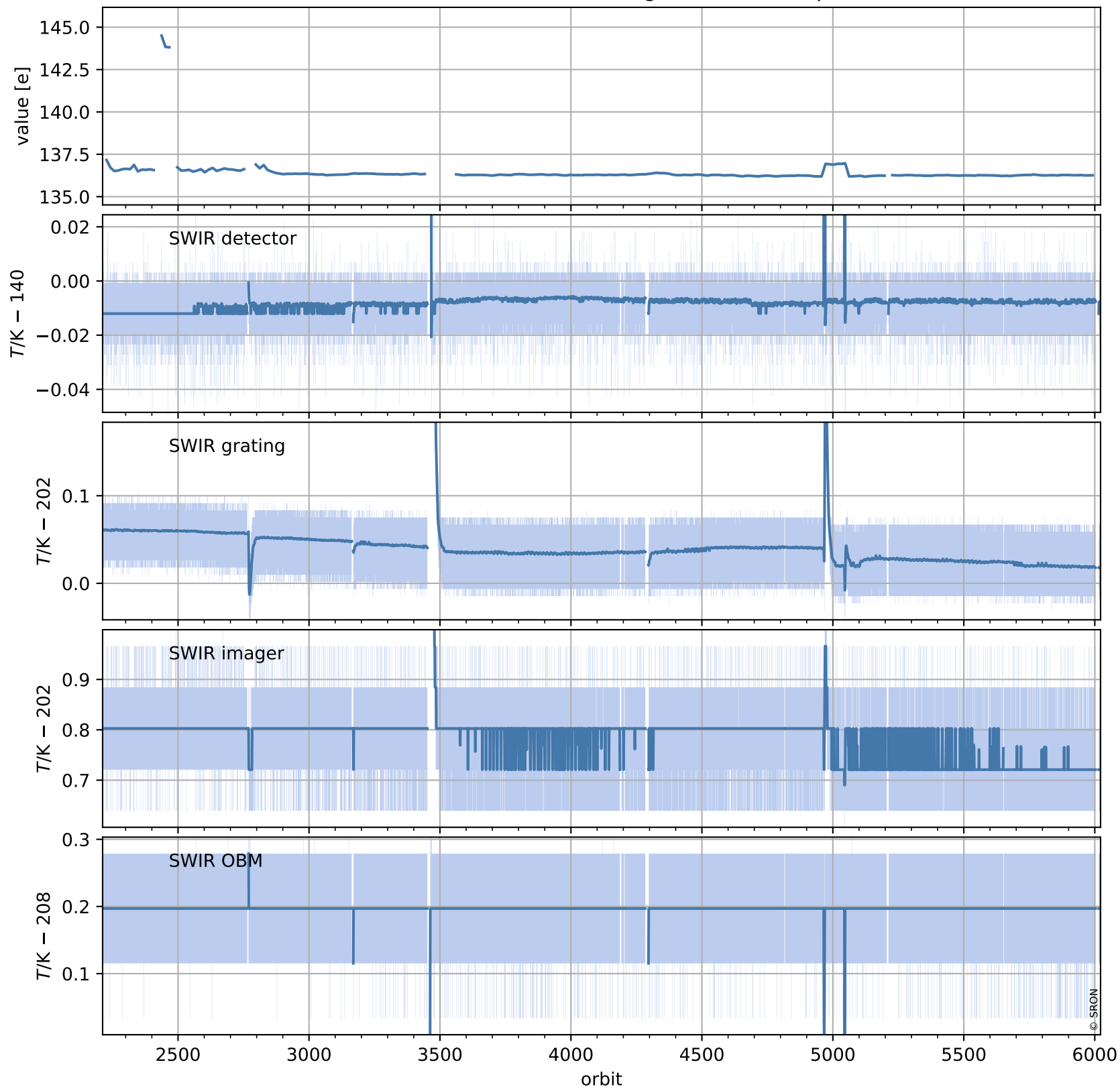
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6022]
coverage : 2018-03-18 / 2018-12-10
created : 2023-08-21T14:39:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6022]
coverage : 2018-03-18 / 2018-12-10
created : 2023-08-21T14:39:24

trend of normalized read-noise & temperatures

