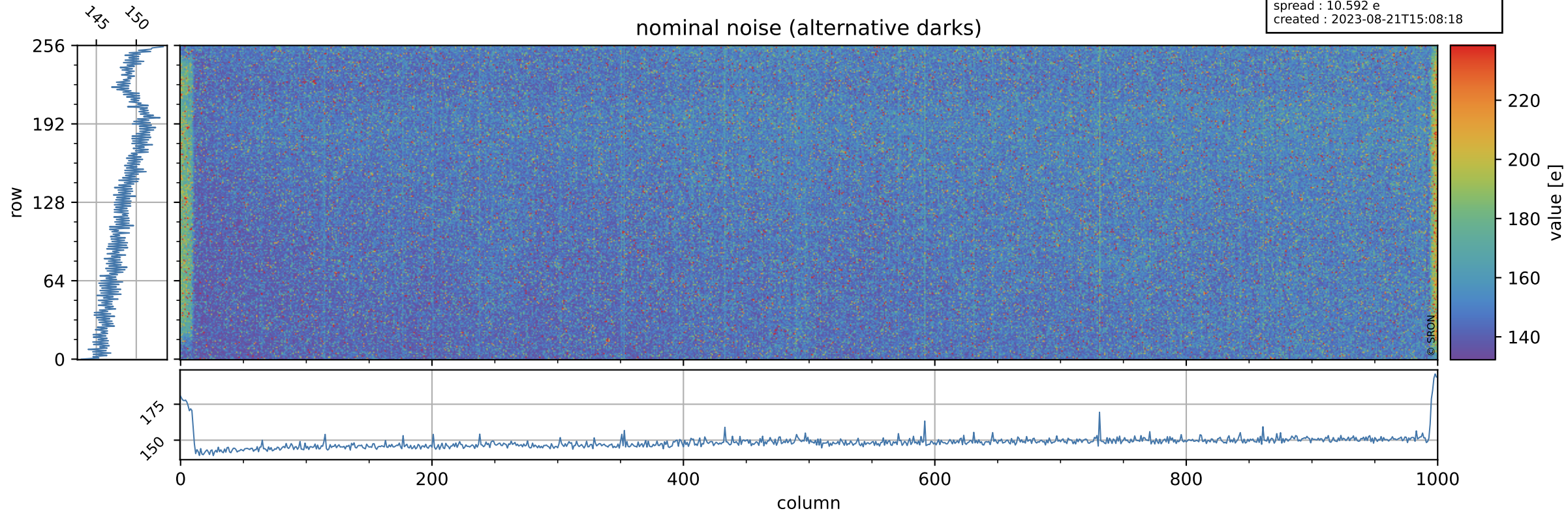


Tropomi SWIR background noise (swir)

orbits : 12 in [9877, 9967]
coverage : 2019-09-09 / 2019-09-15
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.592 e
created : 2023-08-21T15:08:18

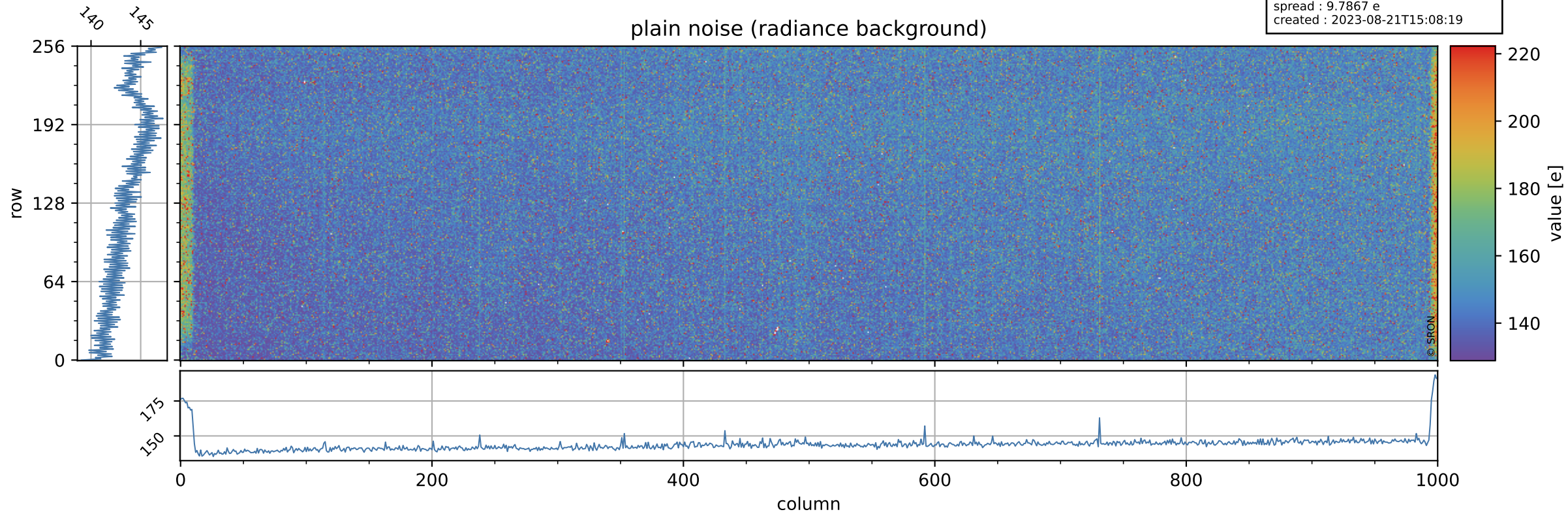
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9877, 9967]
coverage : 2019-09-09 / 2019-09-15
n_coad, t_exp : 1, 0.8383
median : 143.51 e
spread : 9.7867 e
created : 2023-08-21T15:08:19

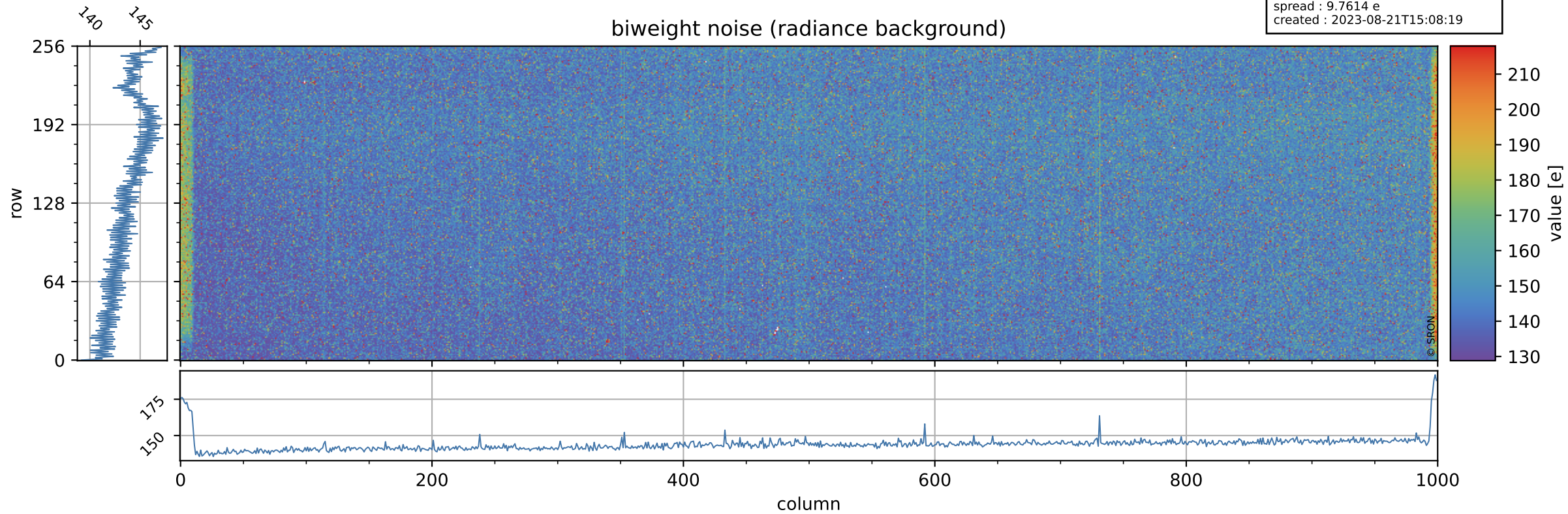
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9877, 9967]
coverage : 2019-09-09 / 2019-09-15
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.7614 e
created : 2023-08-21T15:08:19

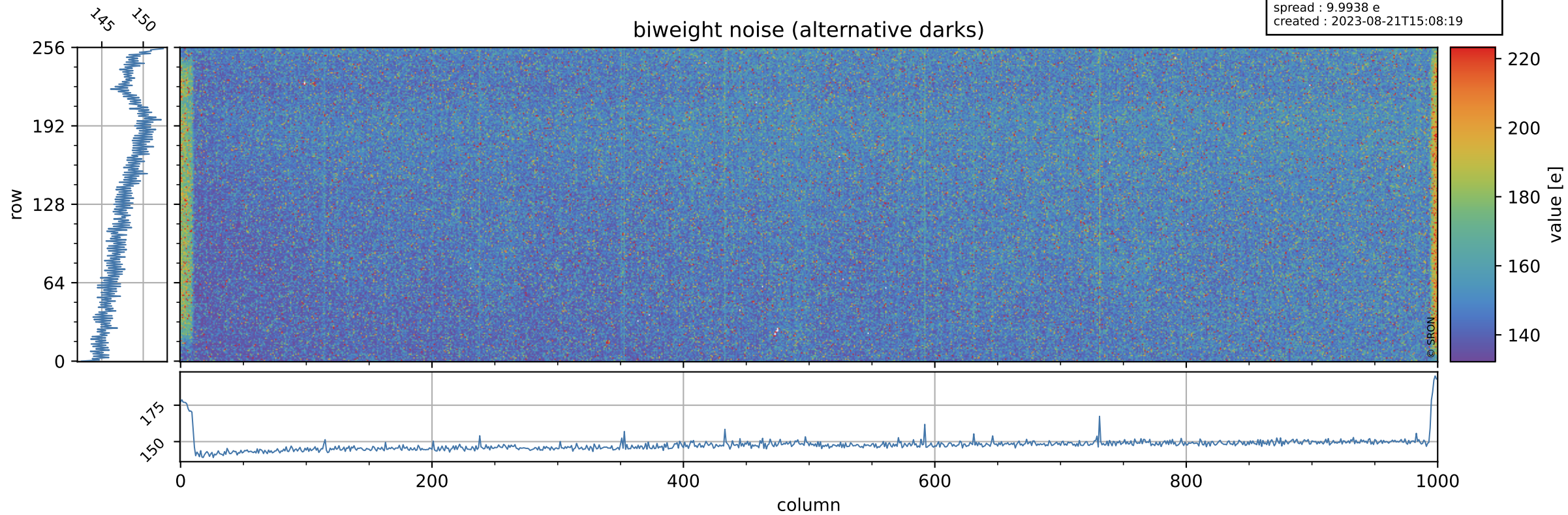
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9877, 9967]
coverage : 2019-09-09 / 2019-09-15
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 9.9938 e
created : 2023-08-21T15:08:19

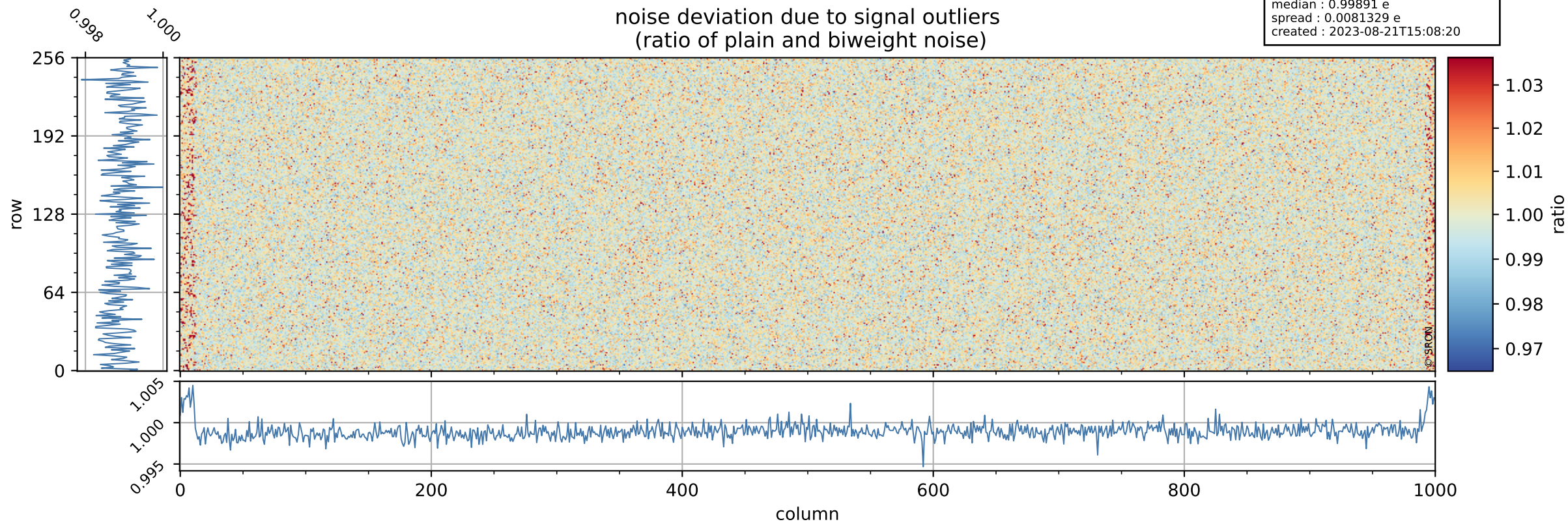
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

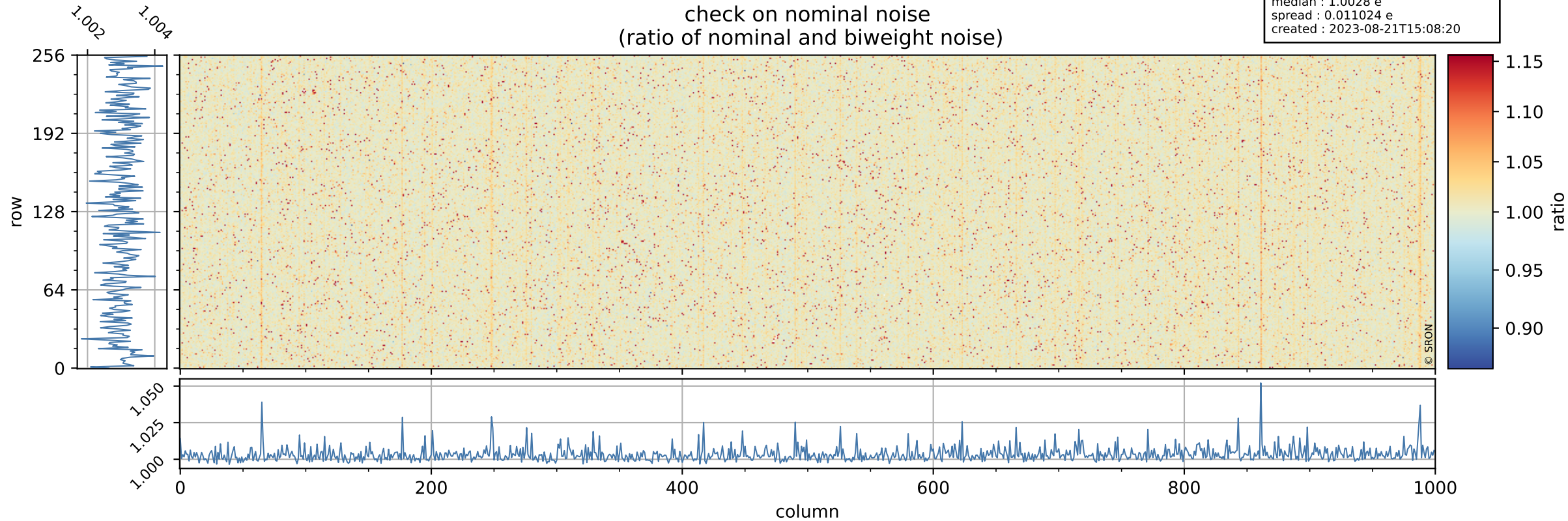
orbits : 12 in [9877, 9967]
coverage : 2019-09-09 / 2019-09-15
median : 0.99891 e
spread : 0.0081329 e
created : 2023-08-21T15:08:20



Tropomi SWIR background noise (swir)

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

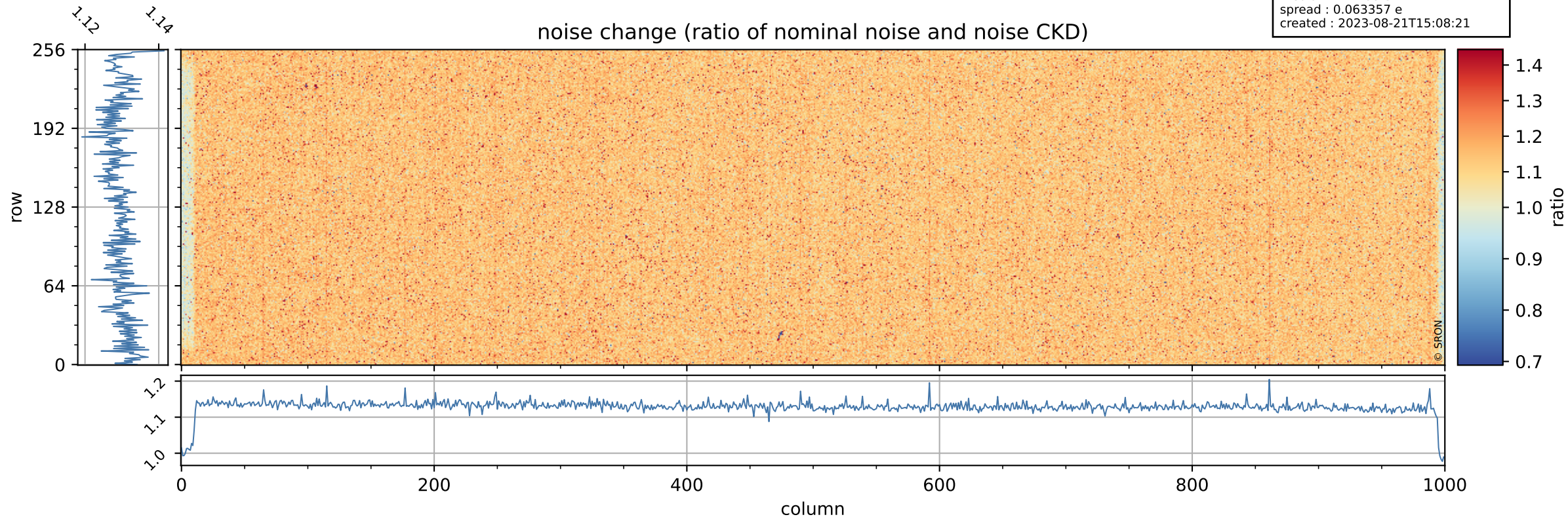
orbits : 12 in [9877, 9967]
coverage : 2019-09-09 / 2019-09-15
median : 1.0028 e
spread : 0.011024 e
created : 2023-08-21T15:08:20



Tropomi SWIR background noise (swir)

orbits : 12 in [9877, 9967]
coverage : 2019-09-09 / 2019-09-15
median : 1.1288 e
spread : 0.063357 e
created : 2023-08-21T15:08:21

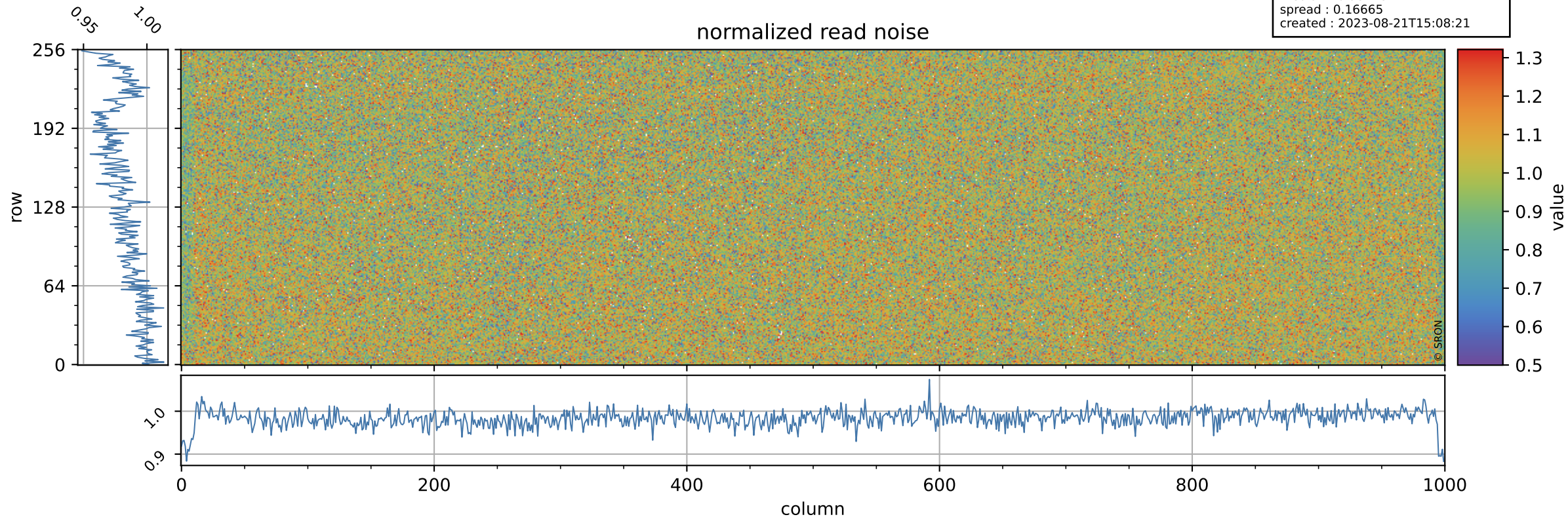
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

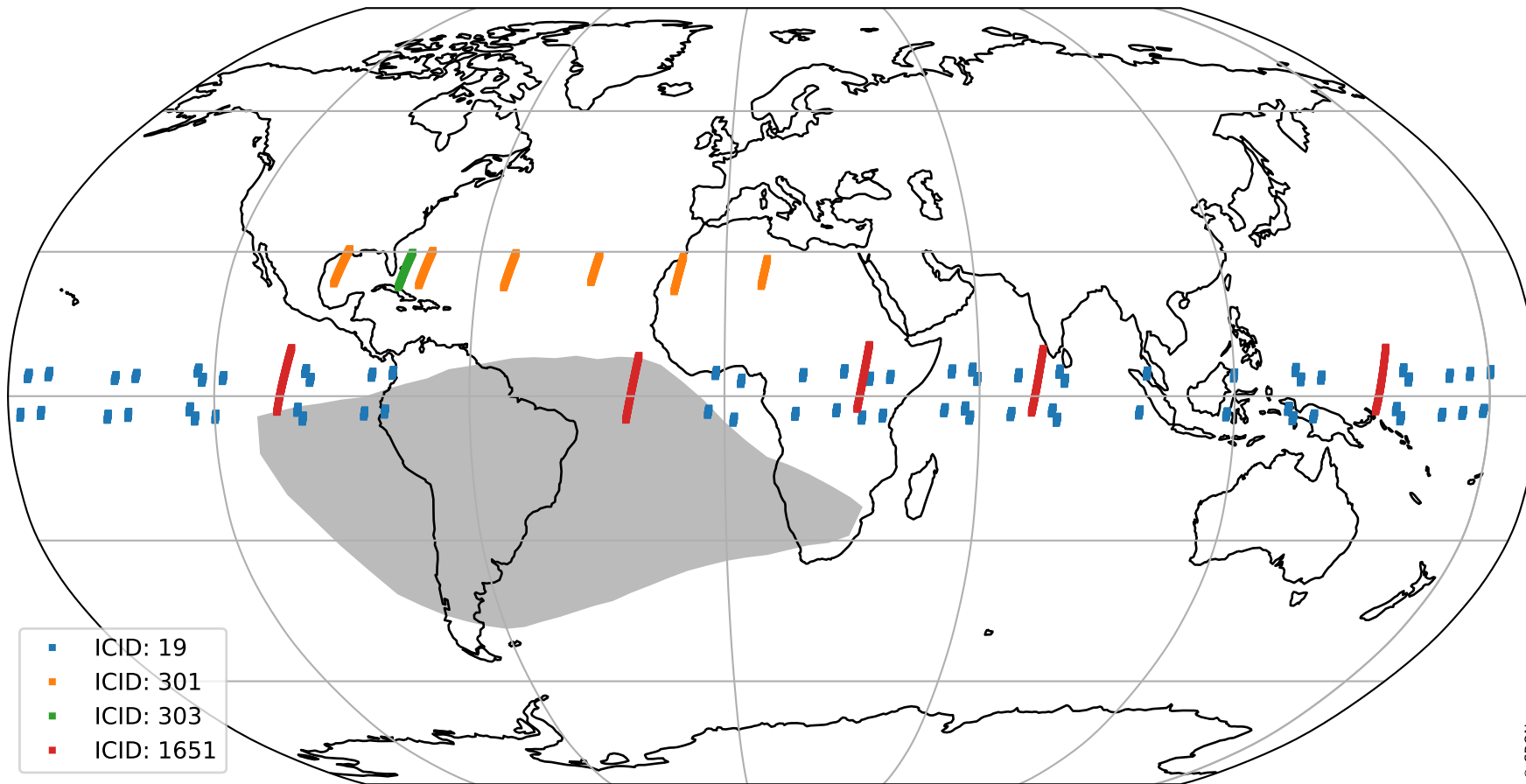
orbits : 12 in [9877, 9967]
coverage : 2019-09-09 / 2019-09-15
median : 0.98228
spread : 0.16665
created : 2023-08-21T15:08:21

normalized read noise



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

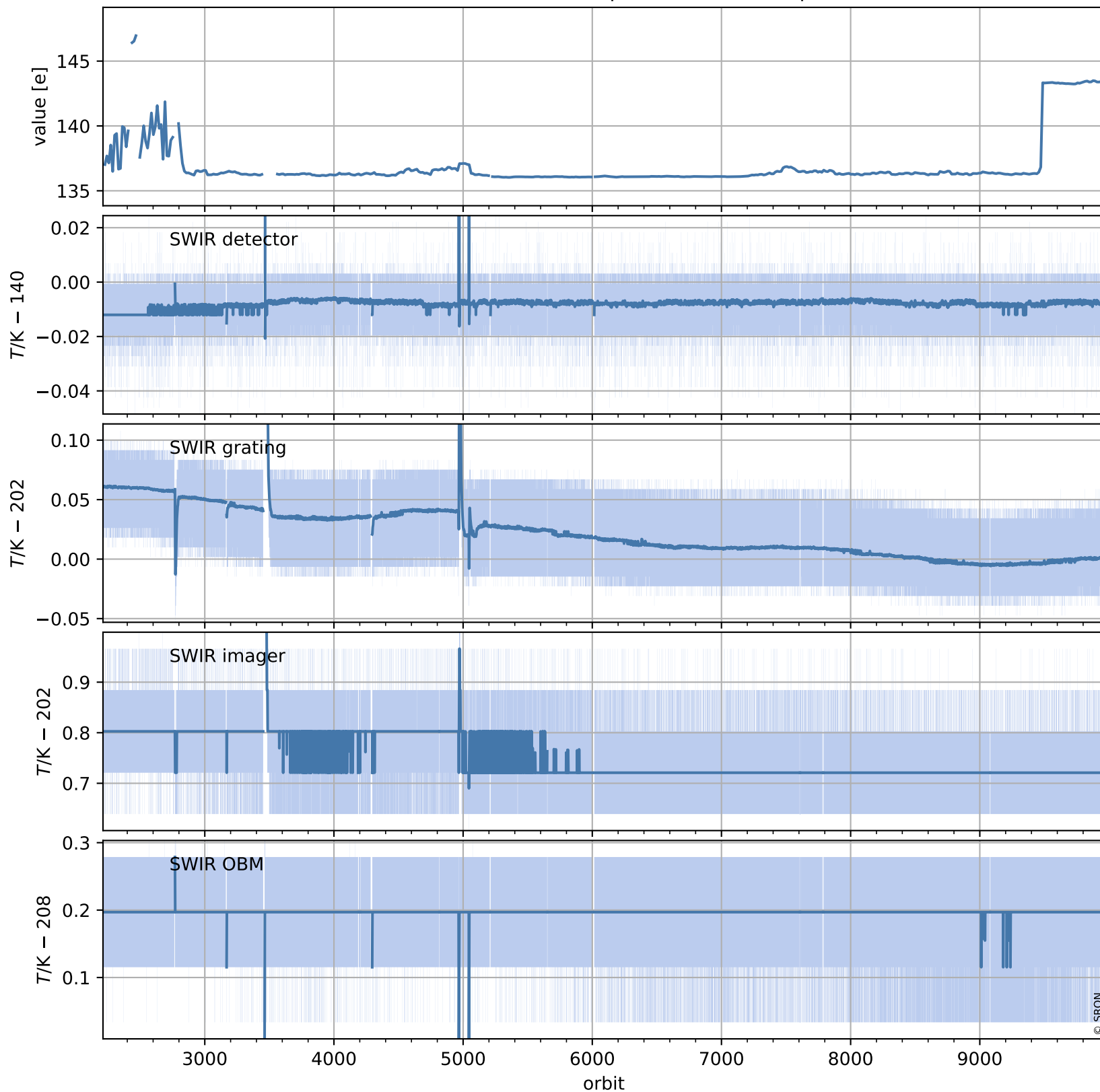
orbits : 12 in [9877, 9967]
coverage : 2019-09-09 / 2019-09-15
created : 2023-08-21T15:08:22



Tropomi SWIR background noise (swir)

orbits : [2212, 9967]
coverage : 2018-03-18 / 2019-09-15
created : 2023-08-21T15:08:22

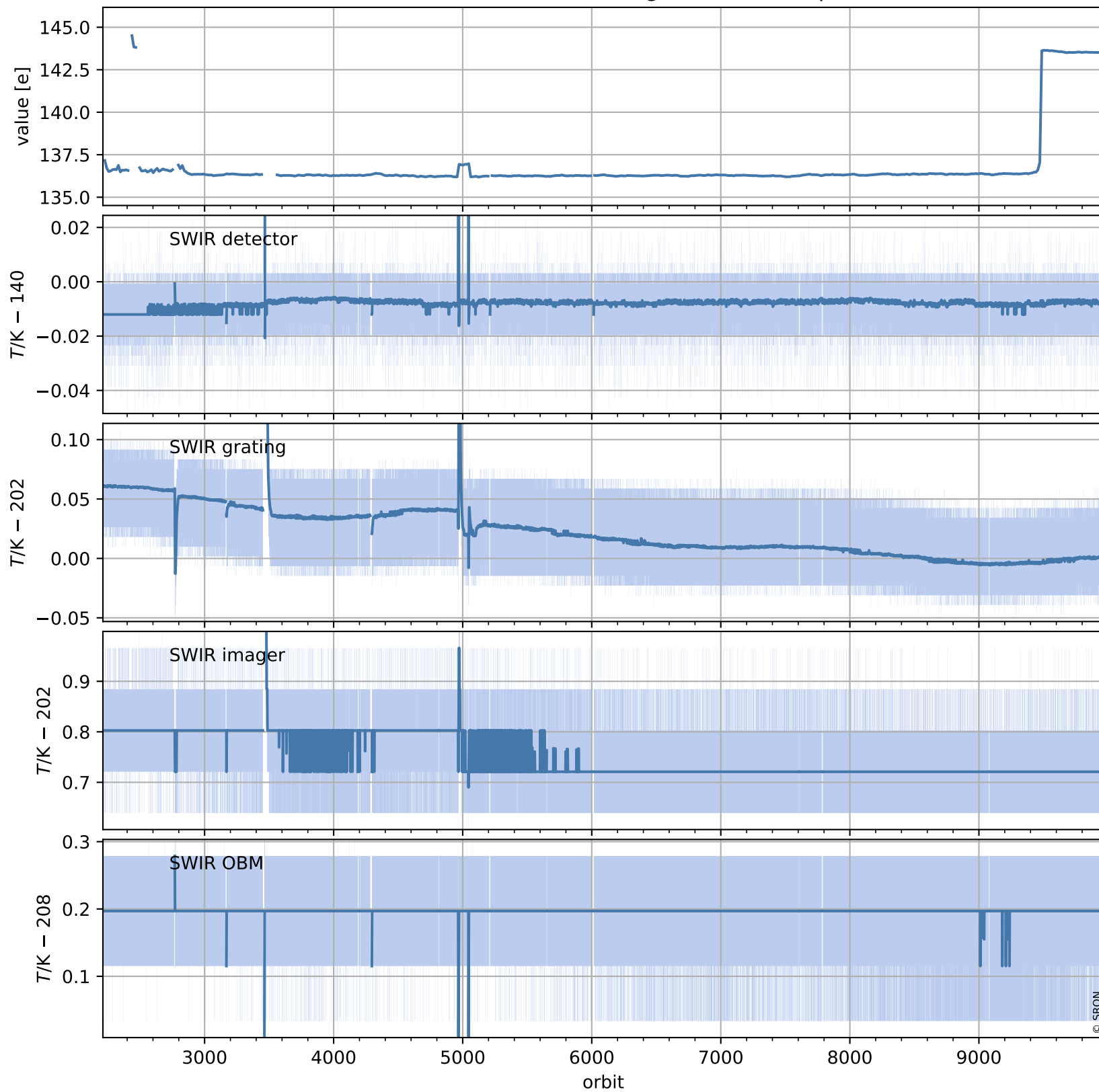
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9967]
coverage : 2018-03-18 / 2019-09-15
created : 2023-08-21T15:08:23

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9967]
coverage : 2018-03-18 / 2019-09-15
created : 2023-08-21T15:08:24

trend of normalized read-noise & temperatures

