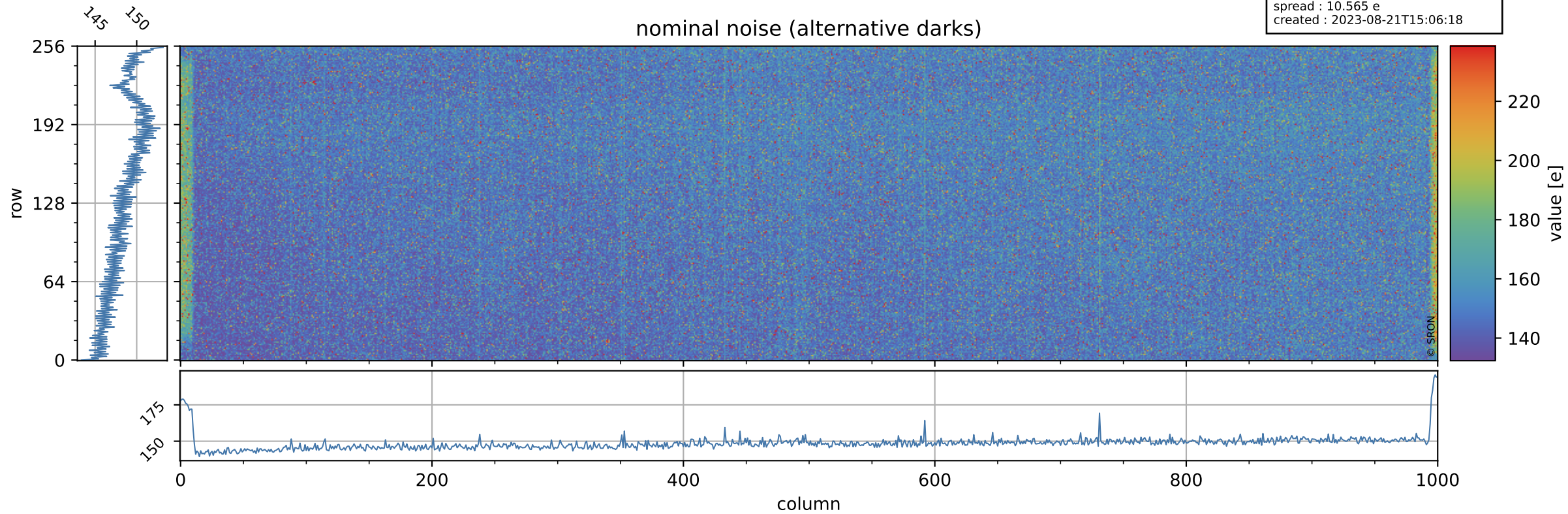


Tropomi SWIR background noise (swir)

orbits : 13 in [9622, 9712]
coverage : 2019-08-23 / 2019-08-28
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.565 e
created : 2023-08-21T15:06:18

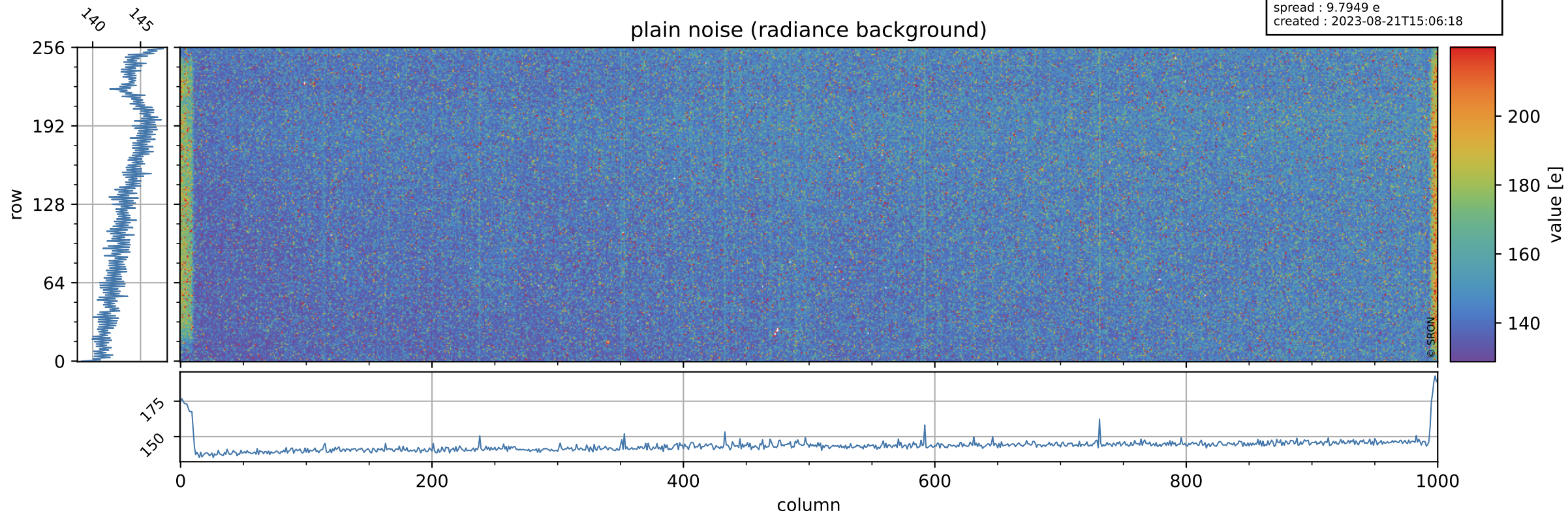
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [9622, 9712]
coverage : 2019-08-23 / 2019-08-28
n_coad, t_exp : 1, 0.8383
median : 143.38 e
spread : 9.7949 e
created : 2023-08-21T15:06:18

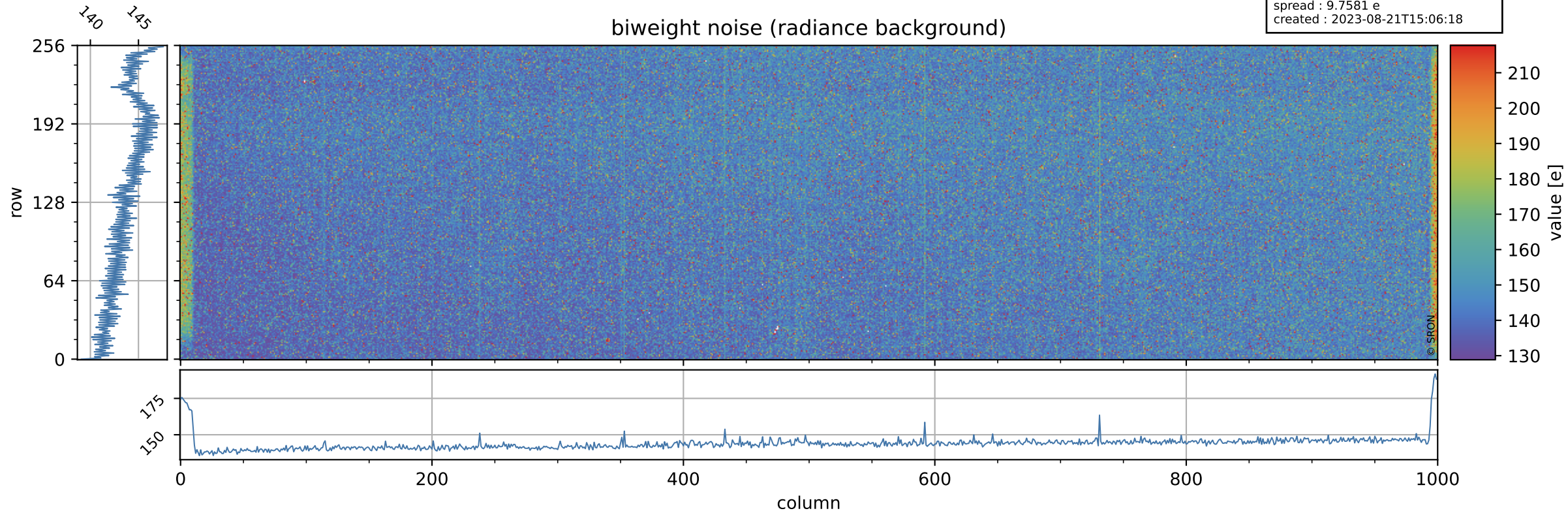
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9622, 9712]
coverage : 2019-08-23 / 2019-08-28
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.7581 e
created : 2023-08-21T15:06:18

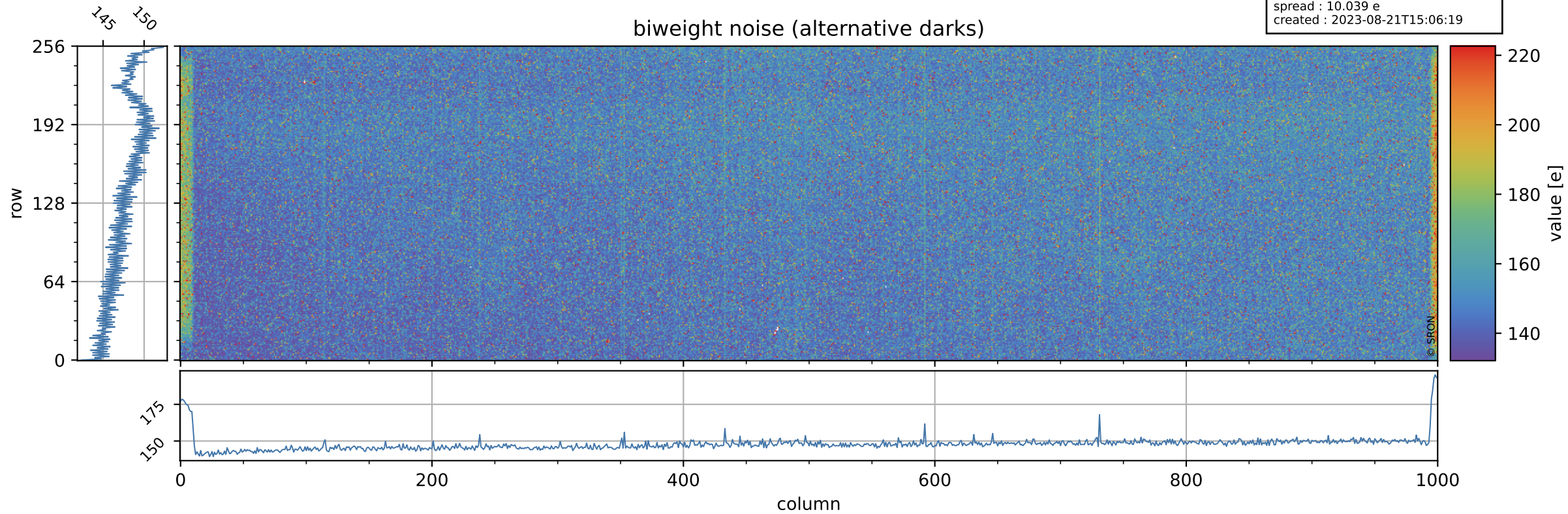
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9622, 9712]
coverage : 2019-08-23 / 2019-08-28
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.039 e
created : 2023-08-21T15:06:19

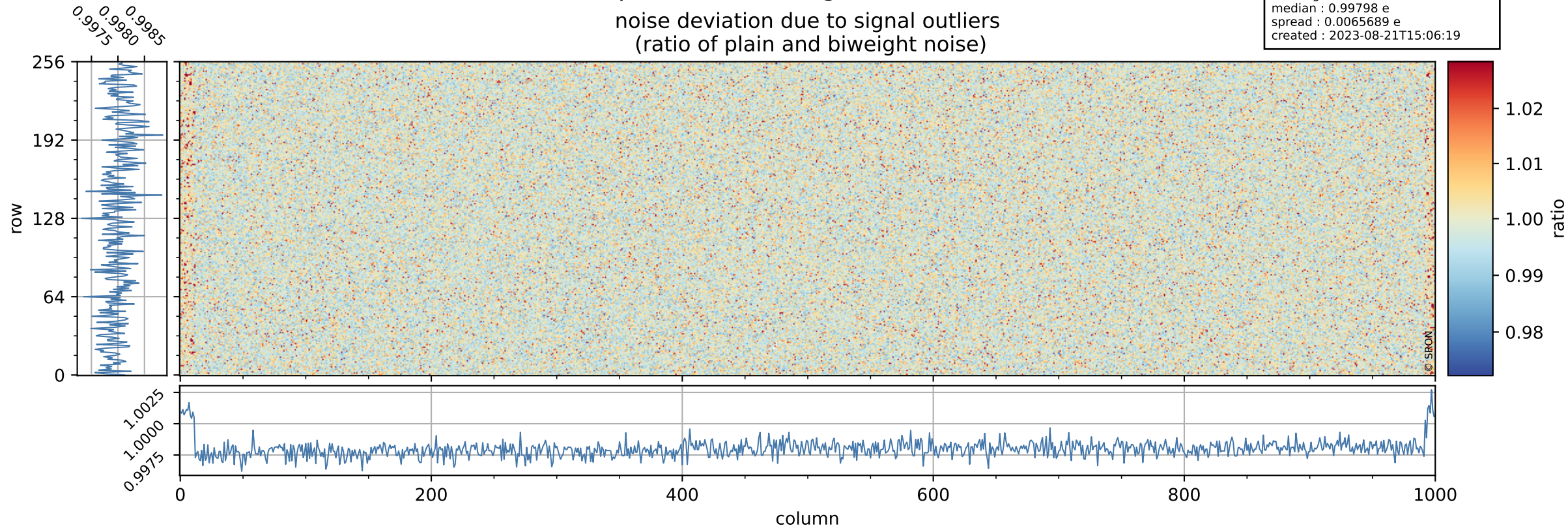
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

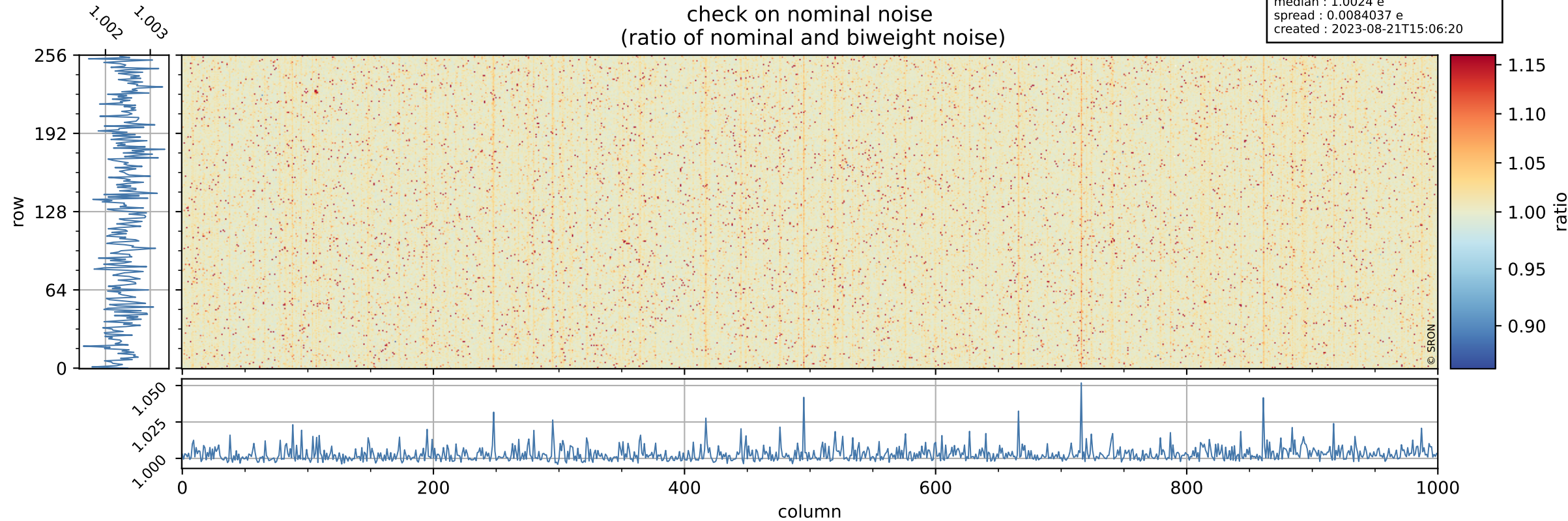
orbits : 13 in [9622, 9712]
coverage : 2019-08-23 / 2019-08-28
median : 0.99798 e
spread : 0.0065689 e
created : 2023-08-21T15:06:19



Tropomi SWIR background noise (swir)

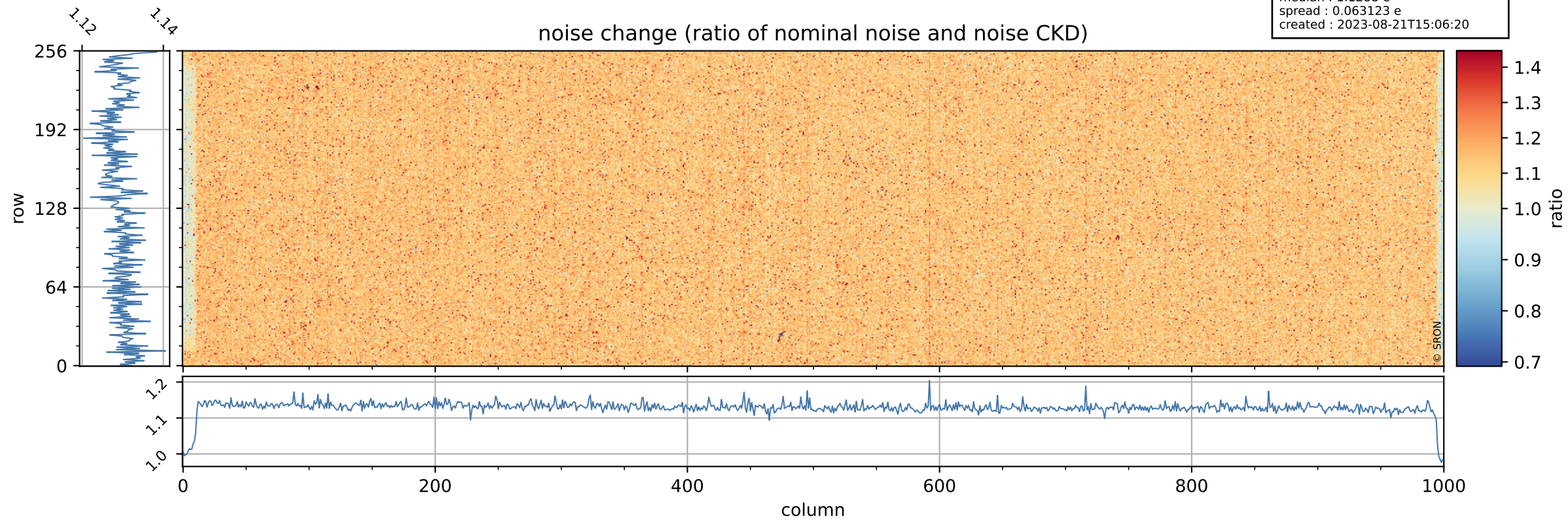
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [9622, 9712]
coverage : 2019-08-23 / 2019-08-28
median : 1.0024 e
spread : 0.0084037 e
created : 2023-08-21T15:06:20



Tropomi SWIR background noise (swir)

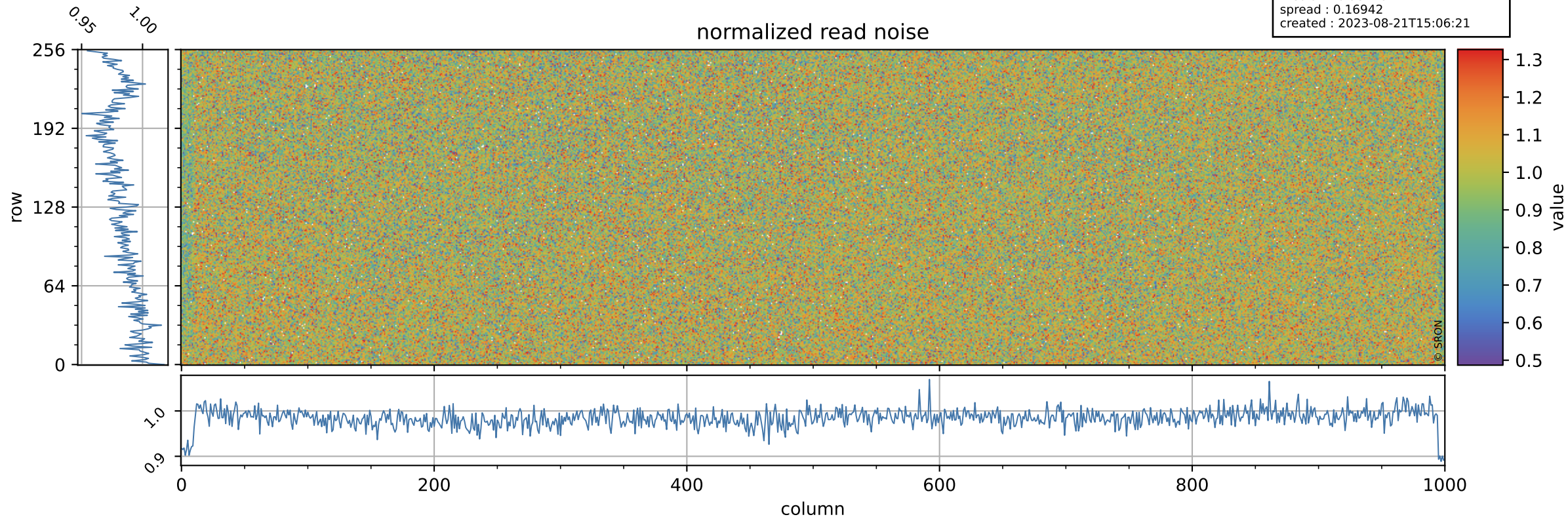
orbits : 13 in [9622, 9712]
coverage : 2019-08-23 / 2019-08-28
median : 1.1288 e
spread : 0.063123 e
created : 2023-08-21T15:06:20



Tropomi SWIR background noise (swir)

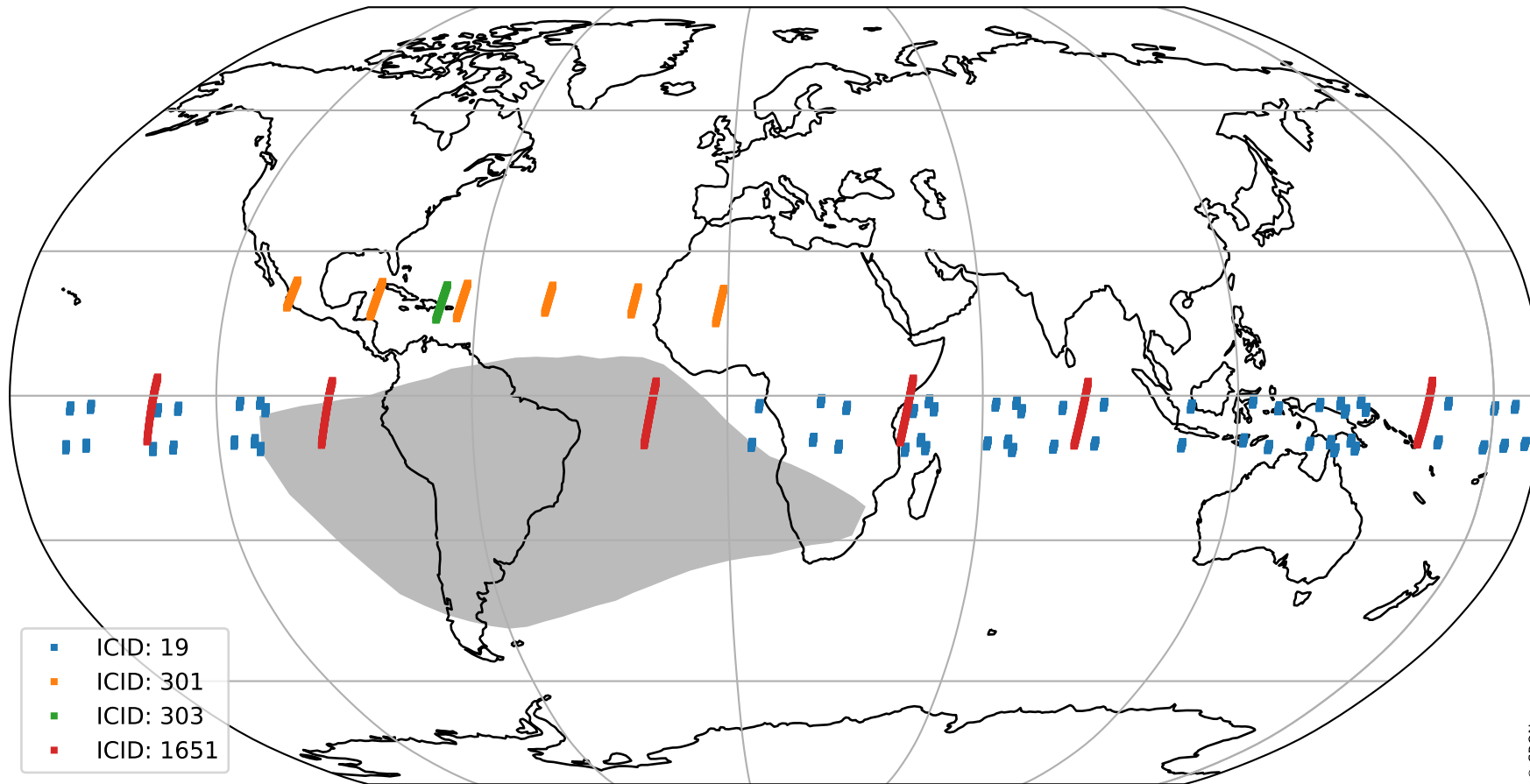
orbits : 13 in [9622, 9712]
coverage : 2019-08-23 / 2019-08-28
median : 0.98276
spread : 0.16942
created : 2023-08-21T15:06:21

normalized read noise



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

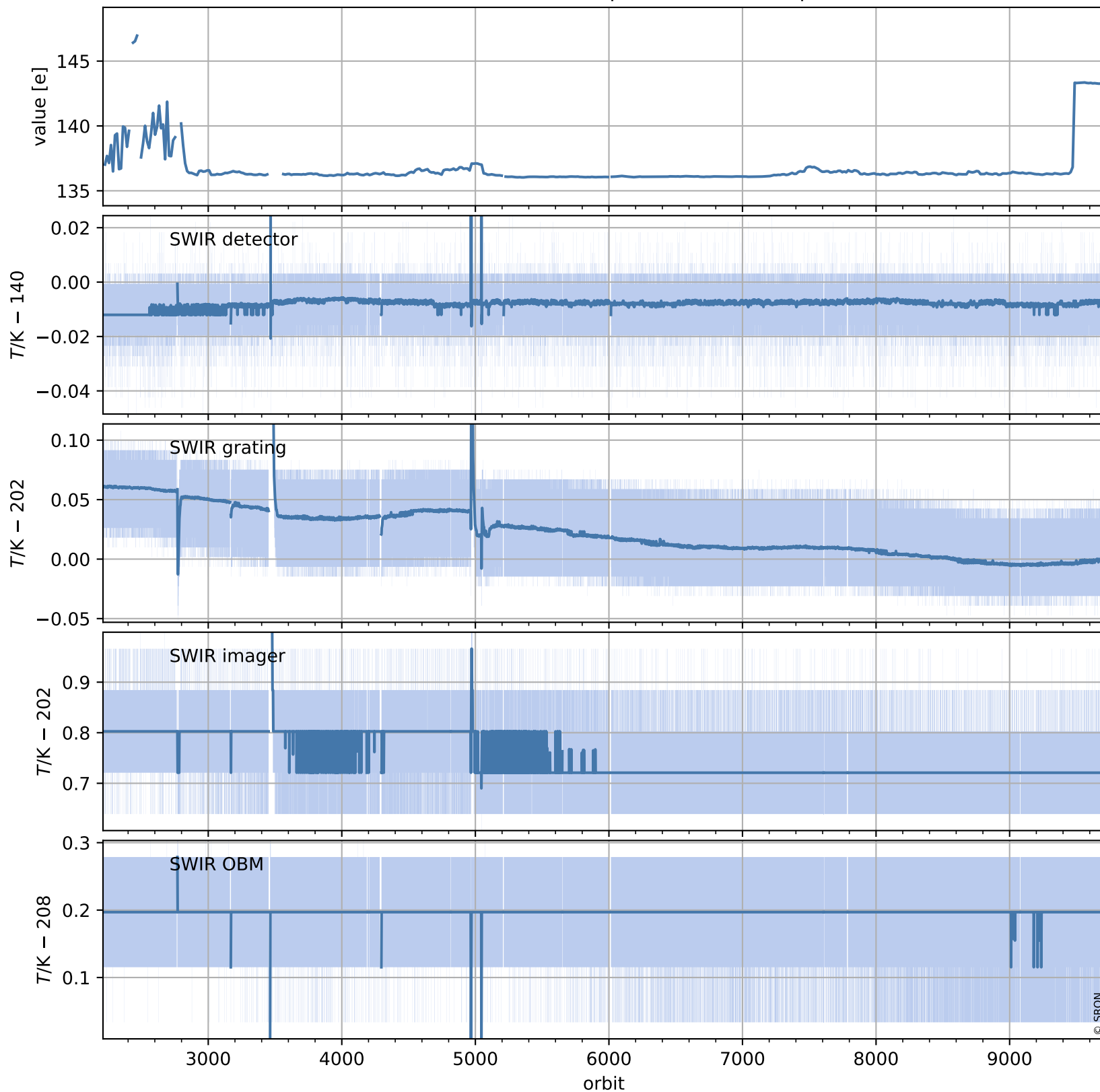
orbits : 13 in [9622, 9712]
coverage : 2019-08-23 / 2019-08-28
created : 2023-08-21T15:06:21



Tropomi SWIR background noise (swir)

orbits : [2212, 9712]
coverage : 2018-03-18 / 2019-08-28
created : 2023-08-21T15:06:22

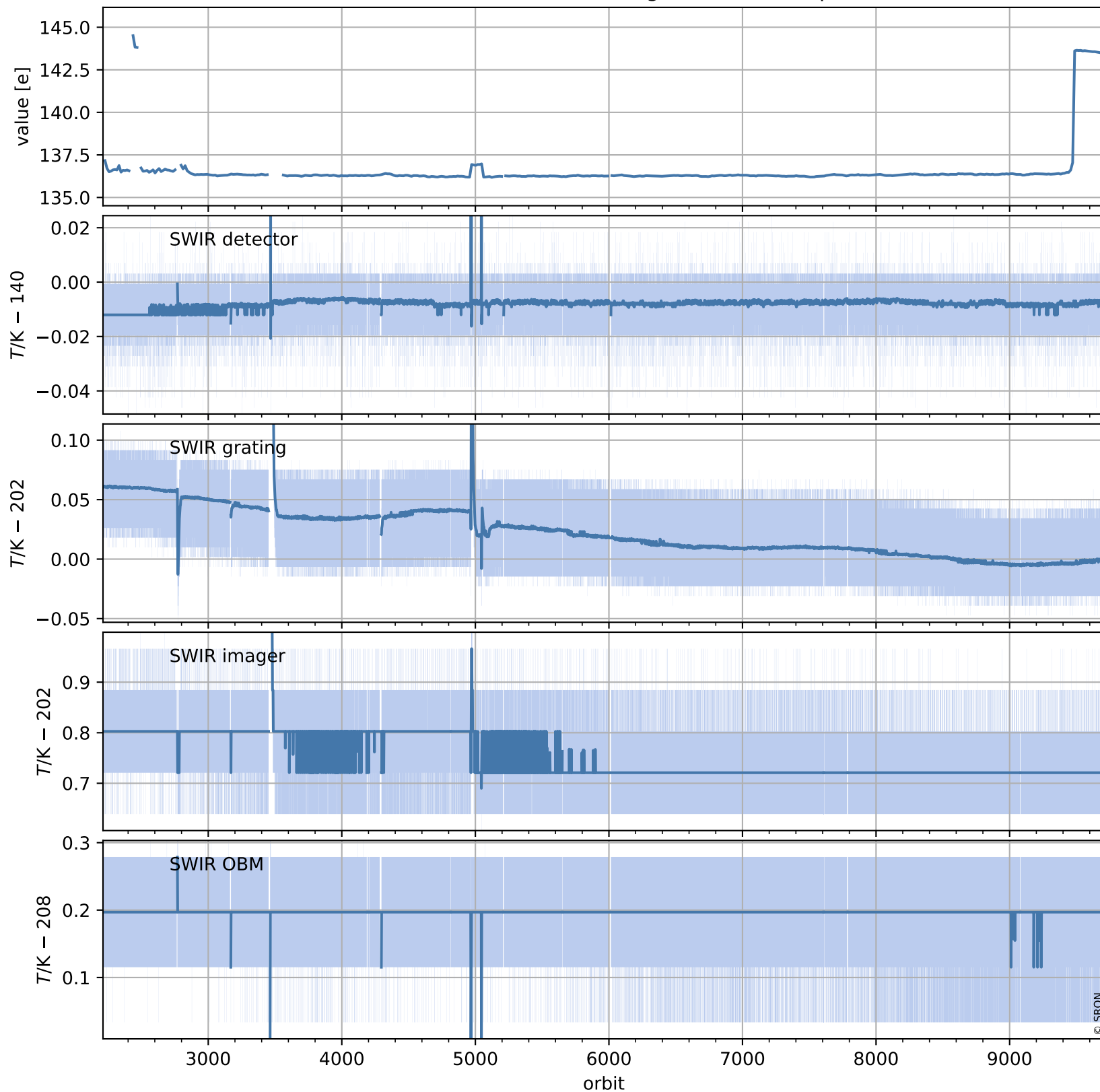
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9712]
coverage : 2018-03-18 / 2019-08-28
created : 2023-08-21T15:06:22

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9712]
coverage : 2018-03-18 / 2019-08-28
created : 2023-08-21T15:06:23

trend of normalized read-noise & temperatures

