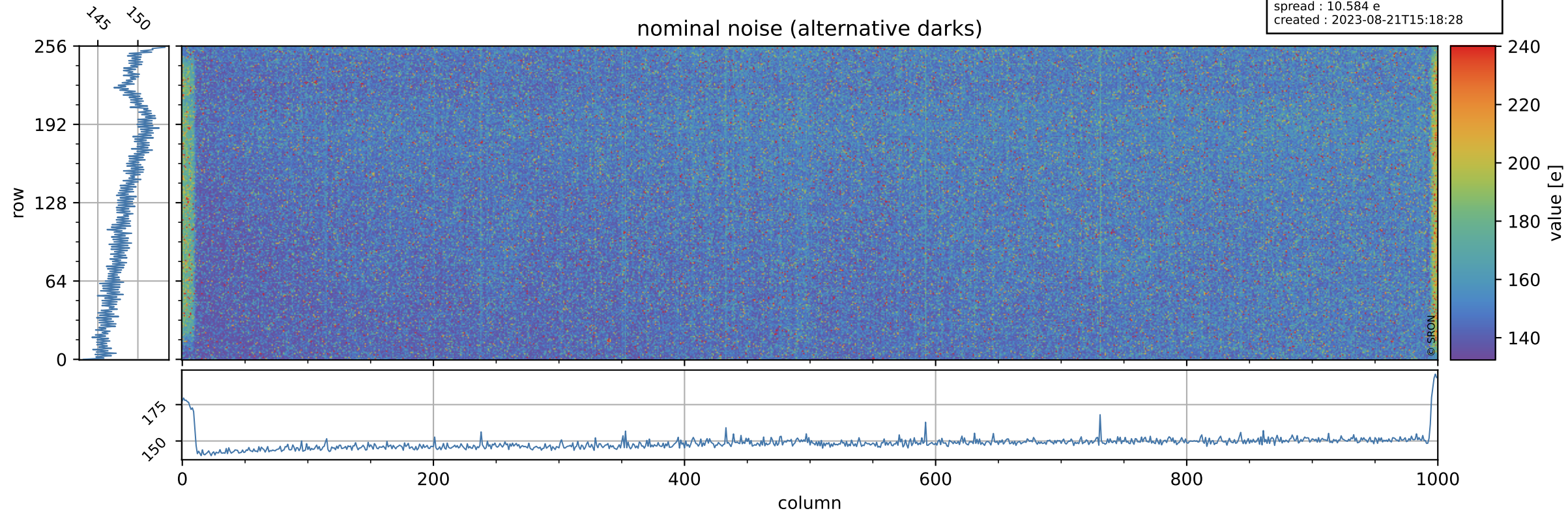


Tropomi SWIR background noise (swir)

orbits : 12 in [11152, 11242]
coverage : 2019-12-08 / 2019-12-14
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.584 e
created : 2023-08-21T15:18:28

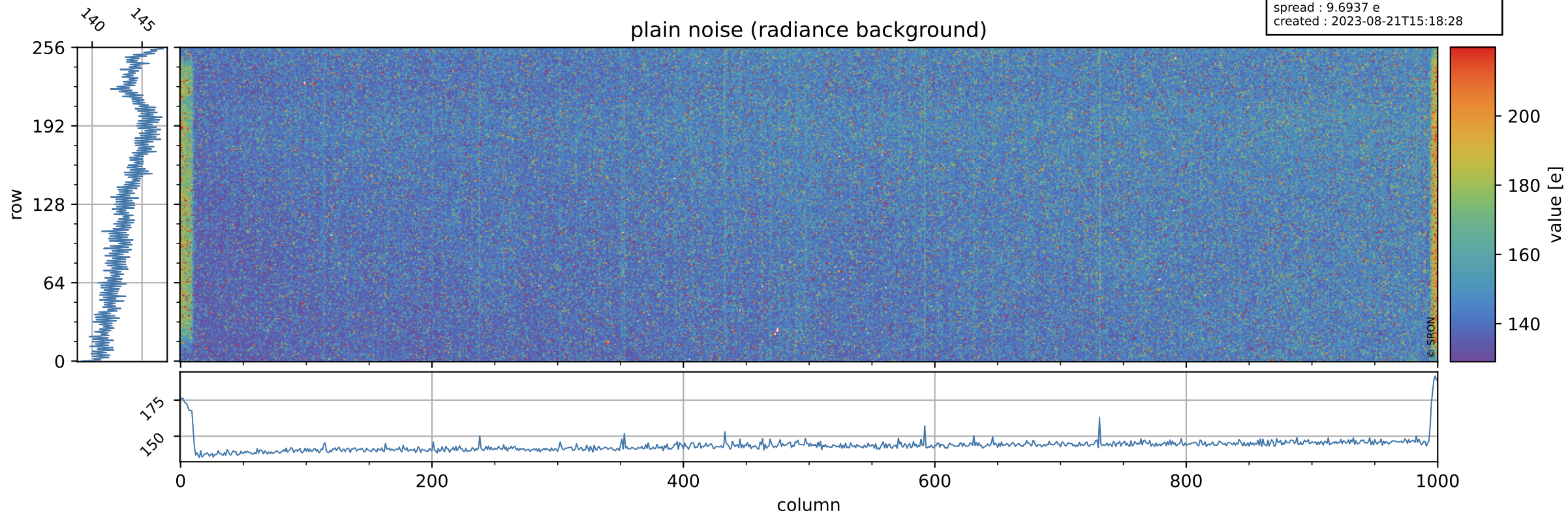
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11152, 11242]
coverage : 2019-12-08 / 2019-12-14
n_coad, t_exp : 1, 0.8383
median : 143.35 e
spread : 9.6937 e
created : 2023-08-21T15:18:28

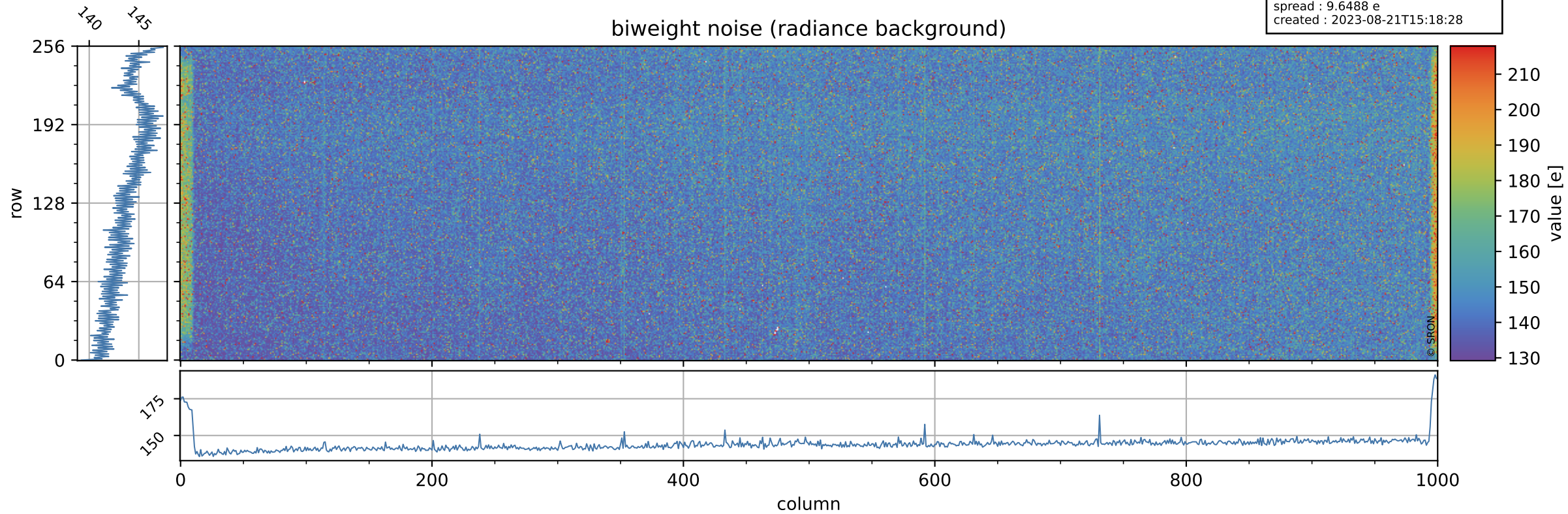
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11152, 11242]
coverage : 2019-12-08 / 2019-12-14
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 9.6488 e
created : 2023-08-21T15:18:28

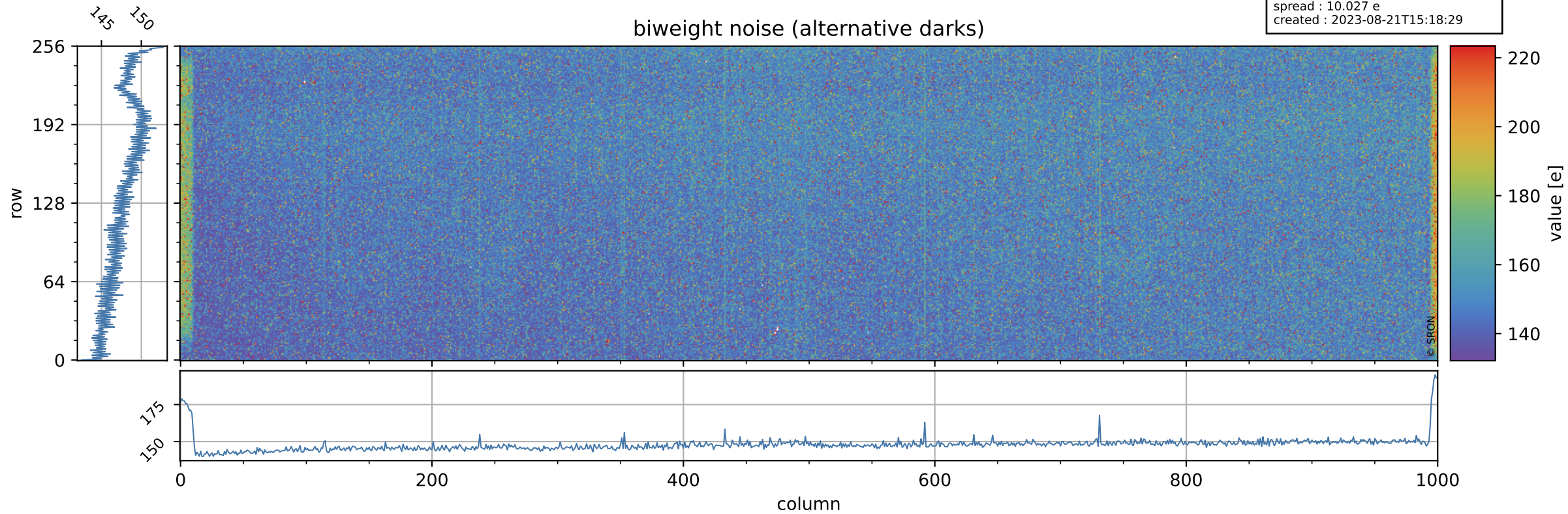
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11152, 11242]
coverage : 2019-12-08 / 2019-12-14
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.027 e
created : 2023-08-21T15:18:29

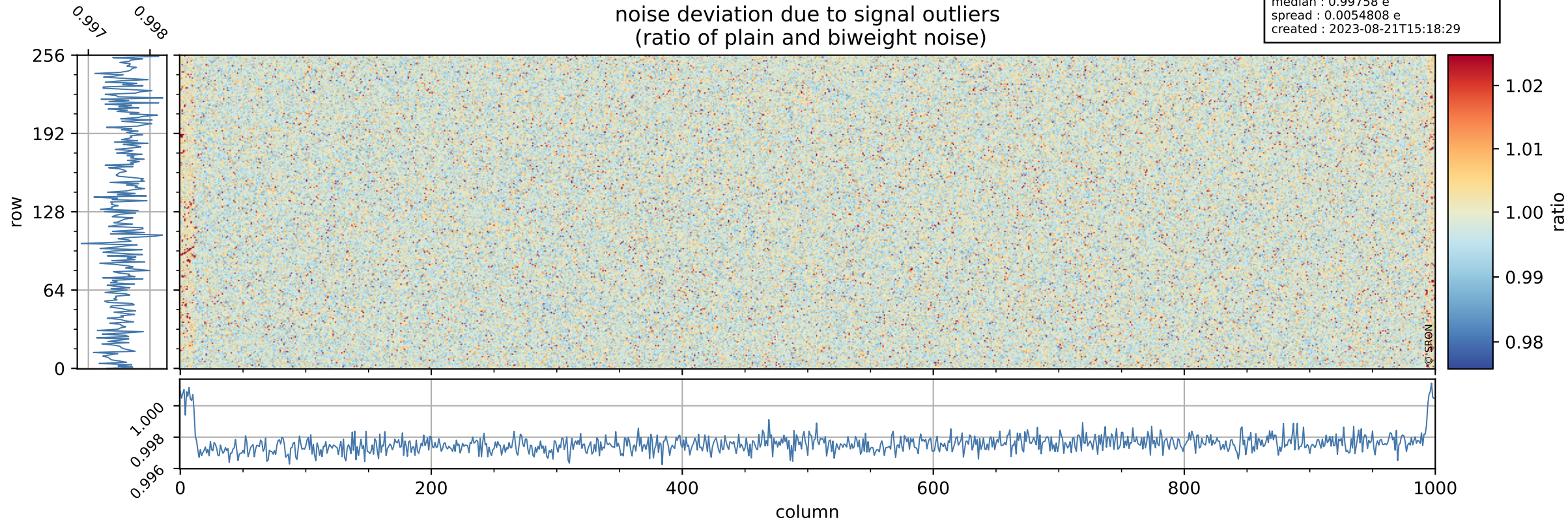
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

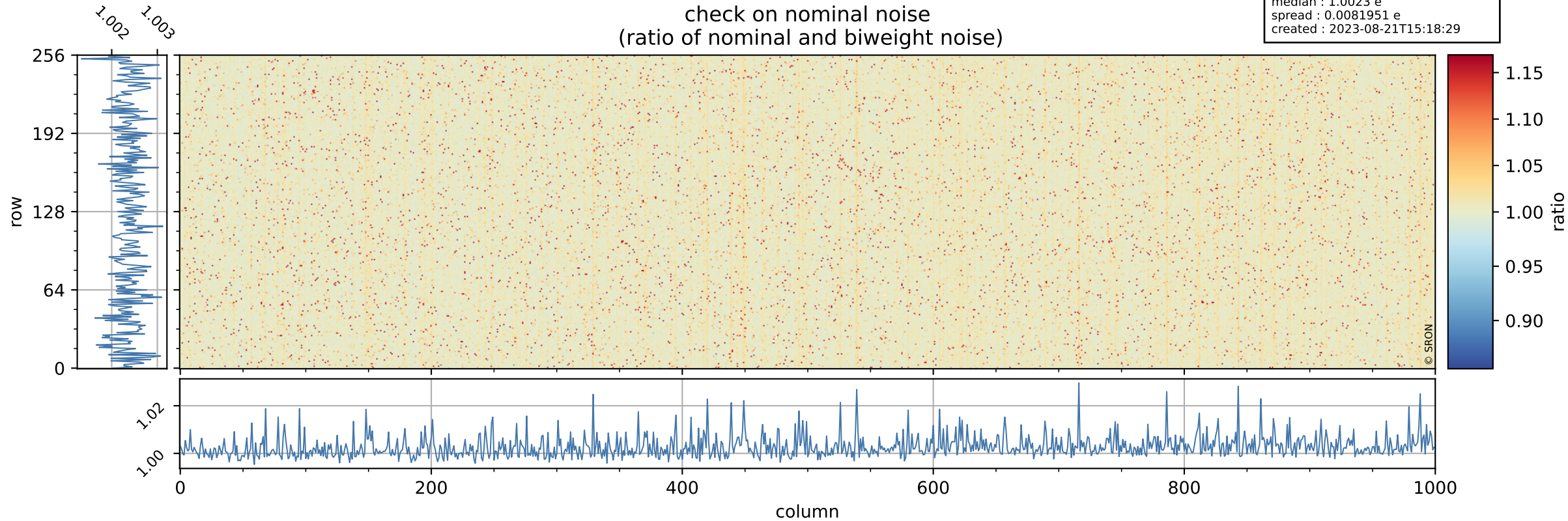
orbits : 12 in [11152, 11242]
coverage : 2019-12-08 / 2019-12-14
median : 0.99758 e
spread : 0.0054808 e
created : 2023-08-21T15:18:29



Tropomi SWIR background noise (swir)

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

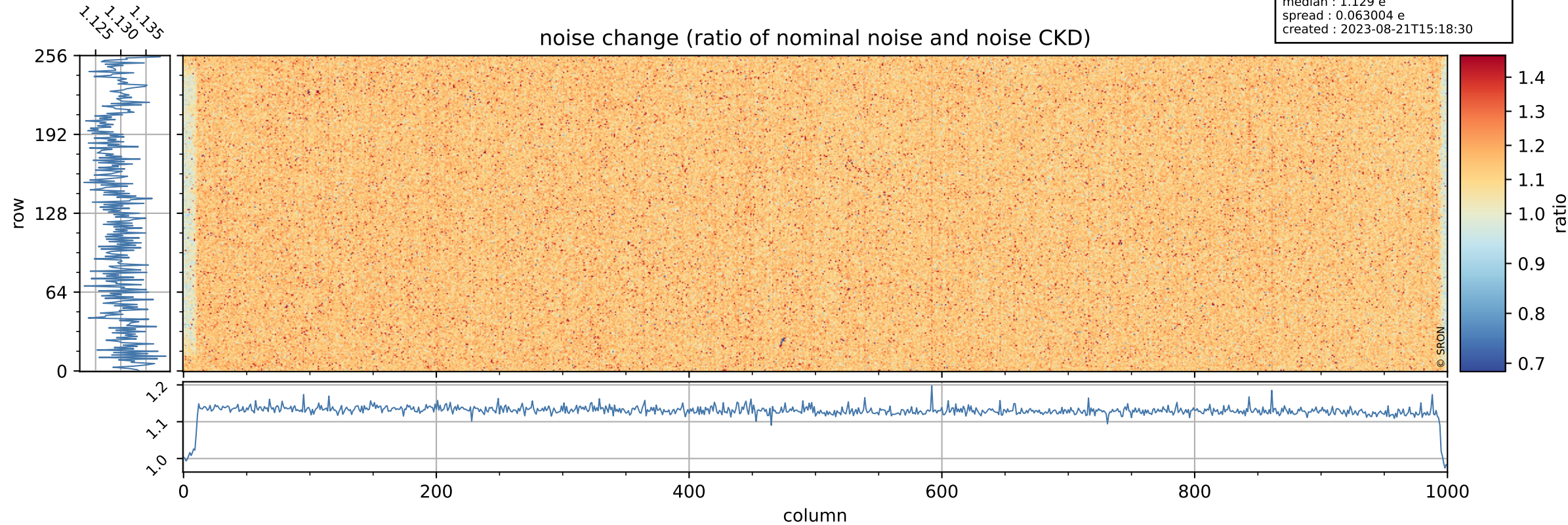
orbits : 12 in [11152, 11242]
coverage : 2019-12-08 / 2019-12-14
median : 1.0023 e
spread : 0.0081951 e
created : 2023-08-21T15:18:29



Tropomi SWIR background noise (swir)

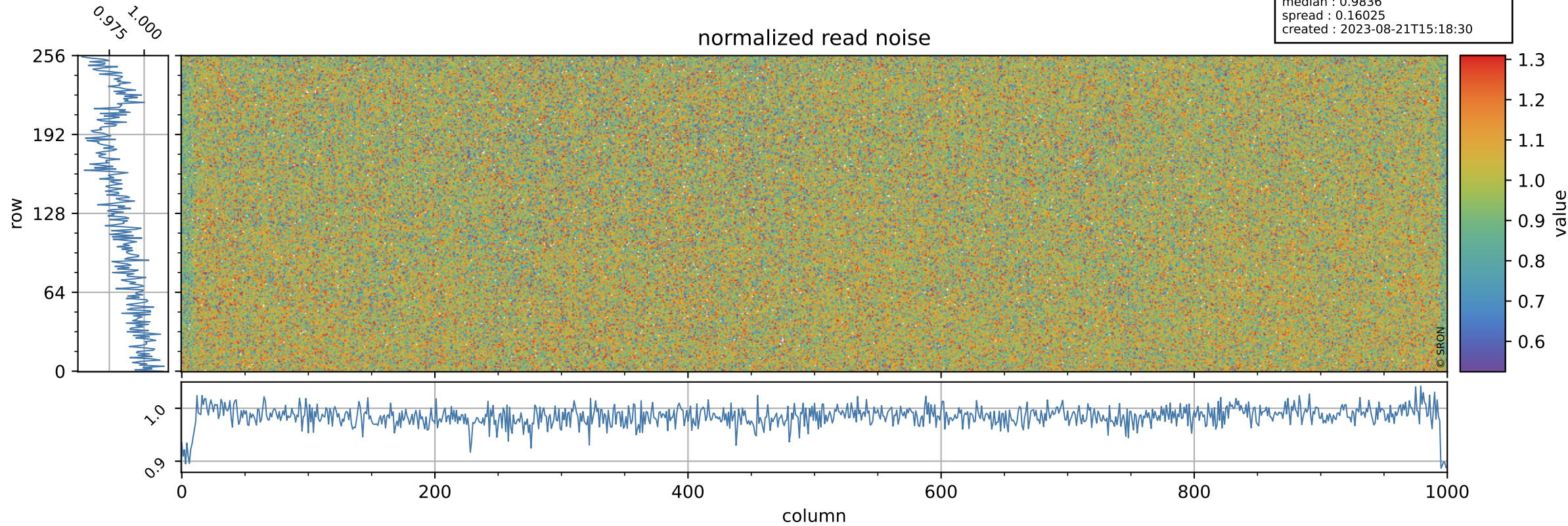
orbits : 12 in [11152, 11242]
coverage : 2019-12-08 / 2019-12-14
median : 1.129 e
spread : 0.063004 e
created : 2023-08-21T15:18:30

noise change (ratio of nominal noise and noise CKD)



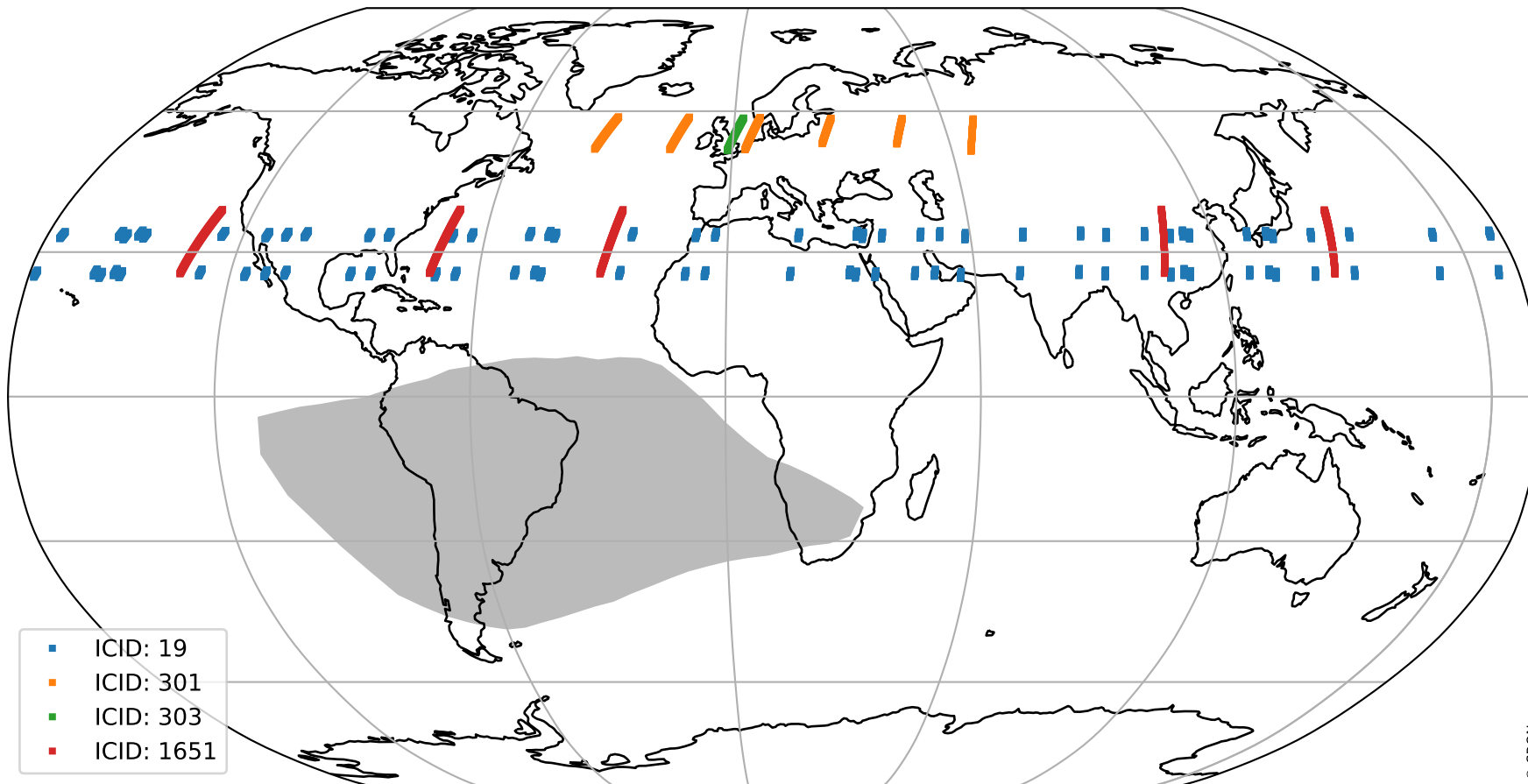
Tropomi SWIR background noise (swir)

orbits : 12 in [11152, 11242]
coverage : 2019-12-08 / 2019-12-14
median : 0.9836
spread : 0.16025
created : 2023-08-21T15:18:30



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

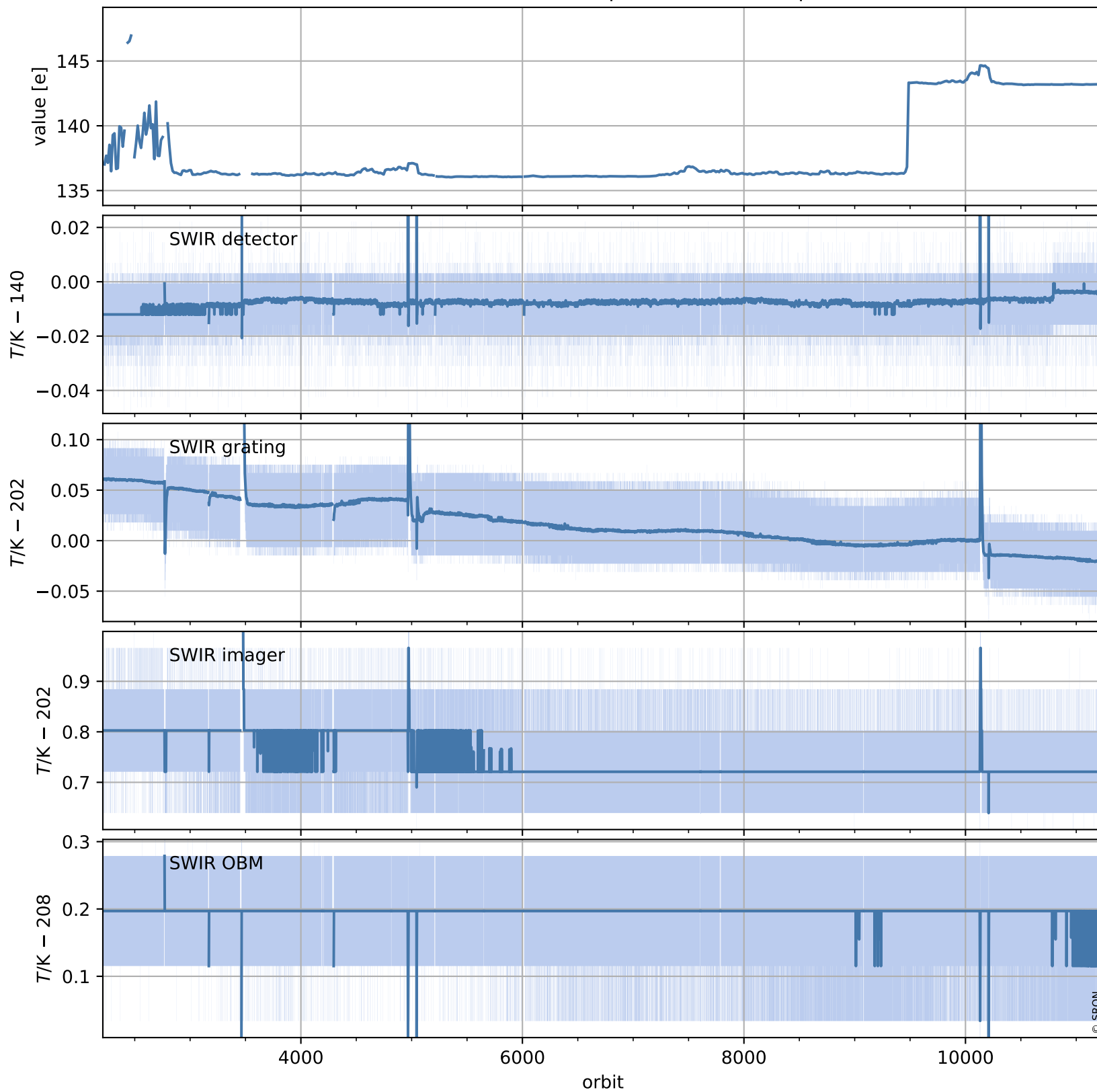
orbits : 12 in [11152, 11242]
coverage : 2019-12-08 / 2019-12-14
created : 2023-08-21T15:18:31



Tropomi SWIR background noise (swir)

orbits : [2212, 11242]
coverage : 2018-03-18 / 2019-12-14
created : 2023-08-21T15:18:31

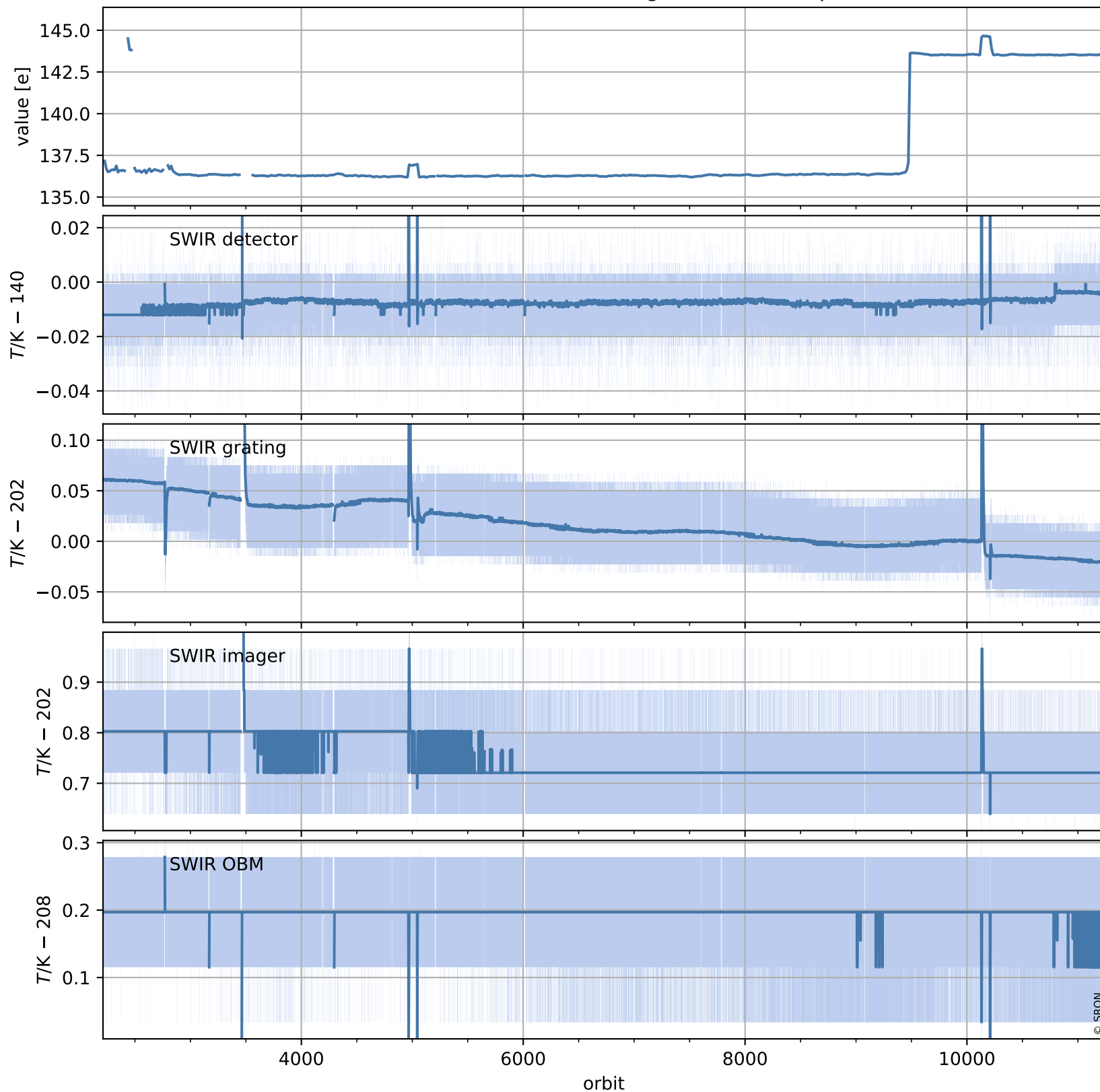
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11242]
coverage : 2018-03-18 / 2019-12-14
created : 2023-08-21T15:18:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11242]
coverage : 2018-03-18 / 2019-12-14
created : 2023-08-21T15:18:32

trend of normalized read-noise & temperatures

