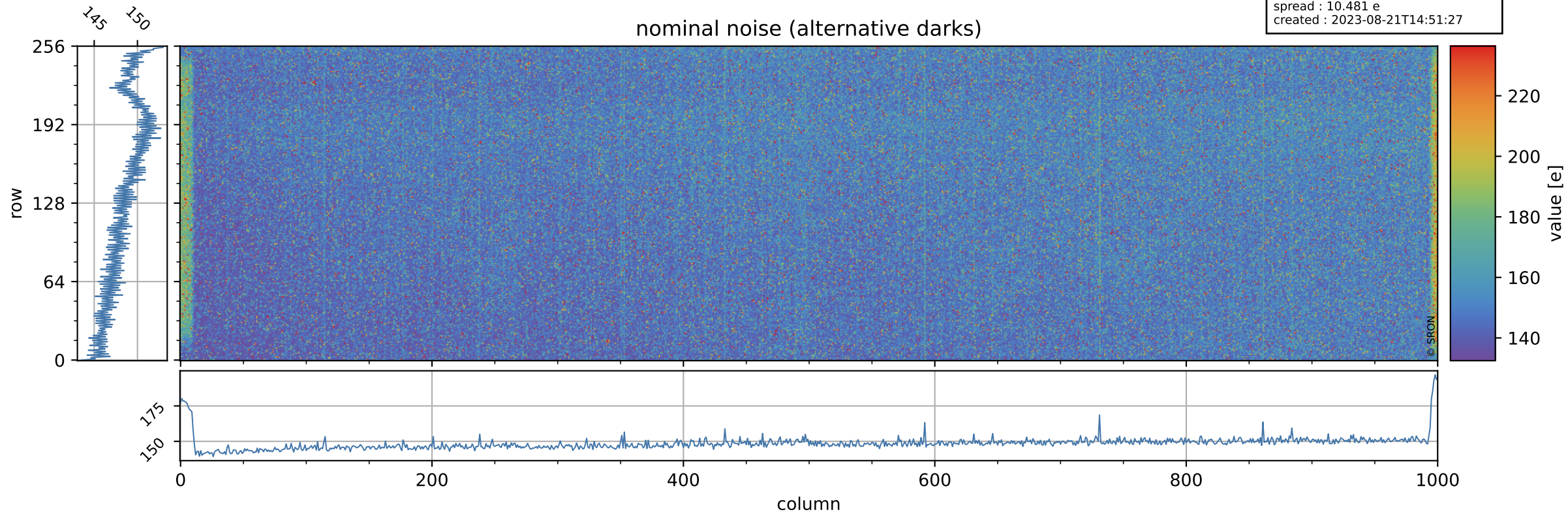


Tropomi SWIR background noise (swir)

orbits : 12 in [7687, 7777]
coverage : 2019-04-08 / 2019-04-14
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.481 e
created : 2023-08-21T14:51:27

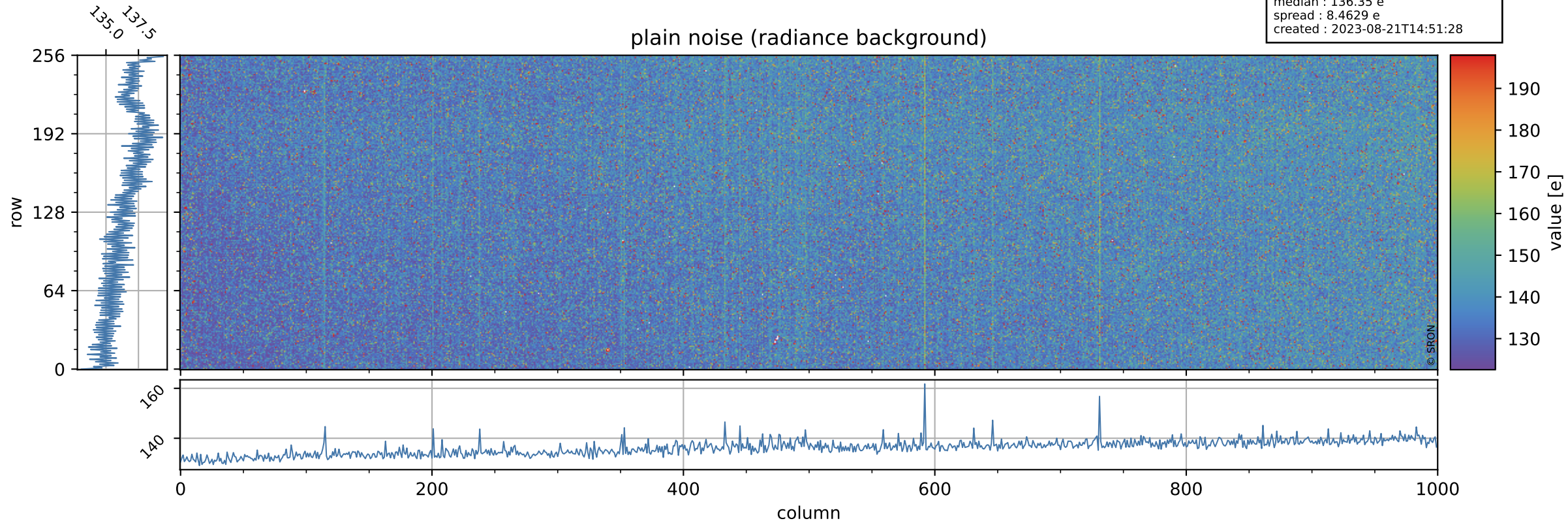
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [7687, 7777]
coverage : 2019-04-08 / 2019-04-14
n_coad, t_exp : 2, 0.5383
median : 136.35 e
spread : 8.4629 e
created : 2023-08-21T14:51:28

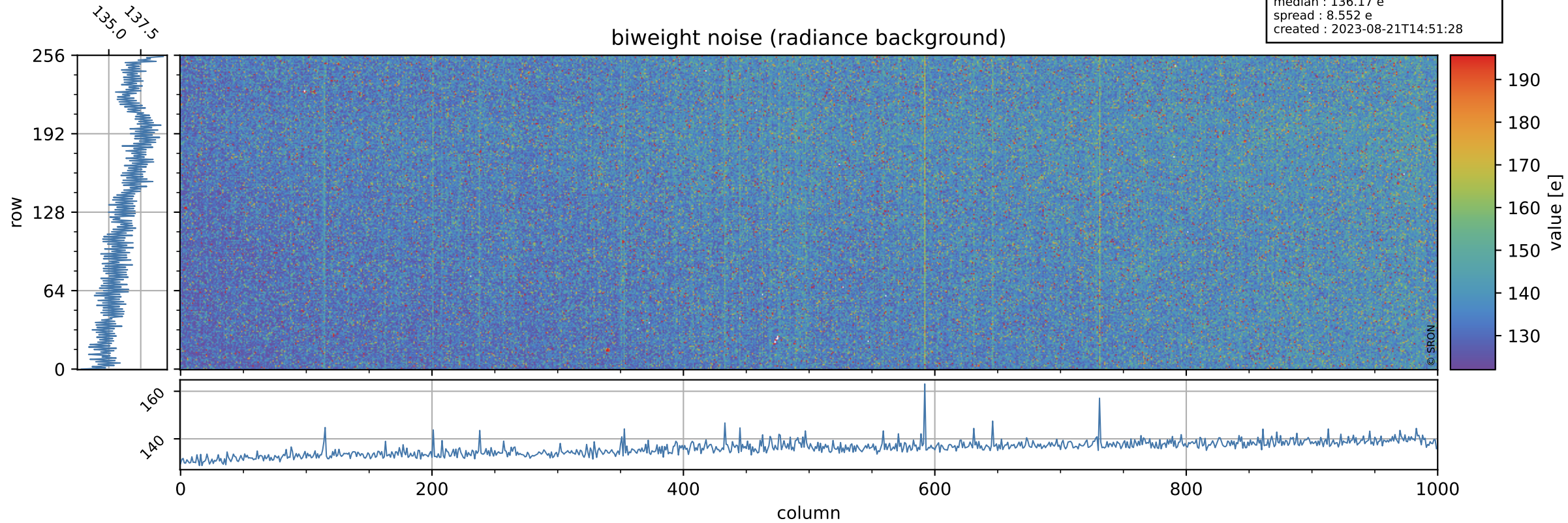
plain noise (radiance background)



Tropomi SWIR background noise (swir)

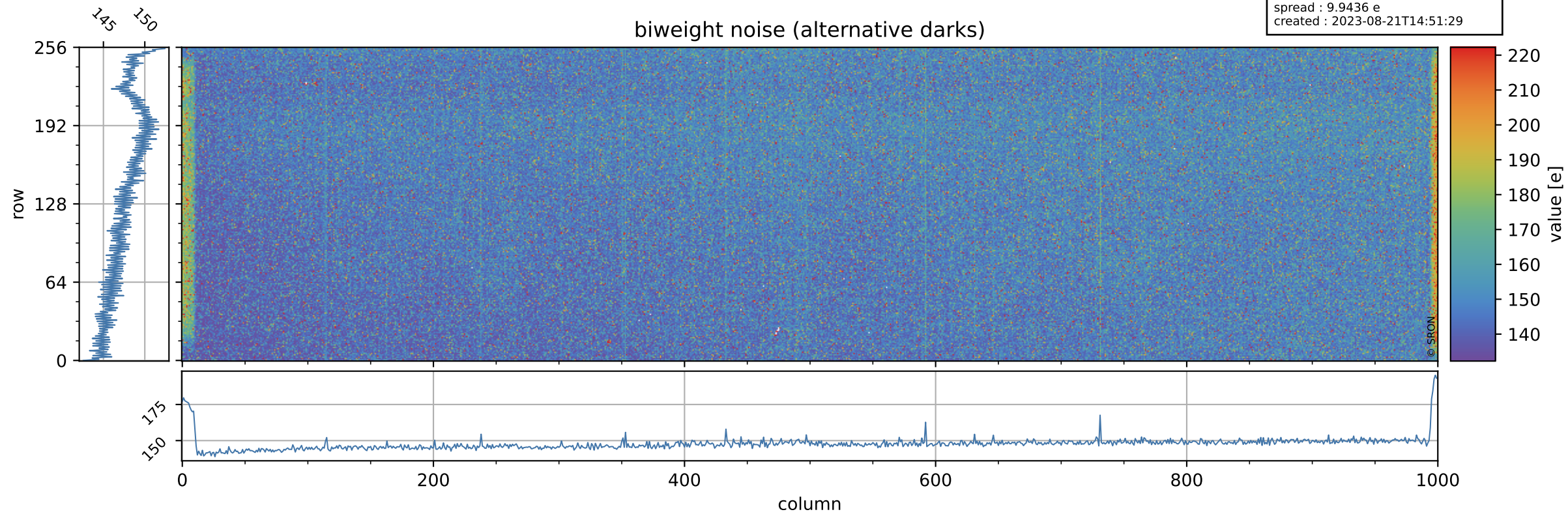
orbits : 12 in [7687, 7777]
coverage : 2019-04-08 / 2019-04-14
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.552 e
created : 2023-08-21T14:51:28

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

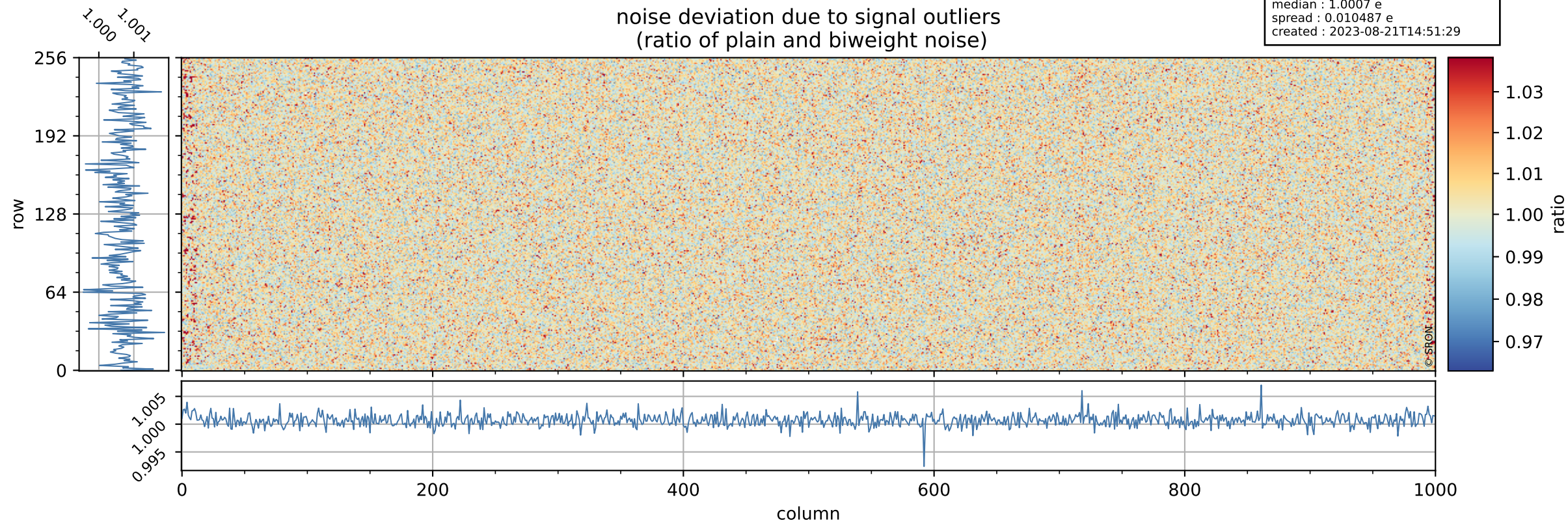
orbits : 12 in [7687, 7777]
coverage : 2019-04-08 / 2019-04-14
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 9.9436 e
created : 2023-08-21T14:51:29



Tropomi SWIR background noise (swir)

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

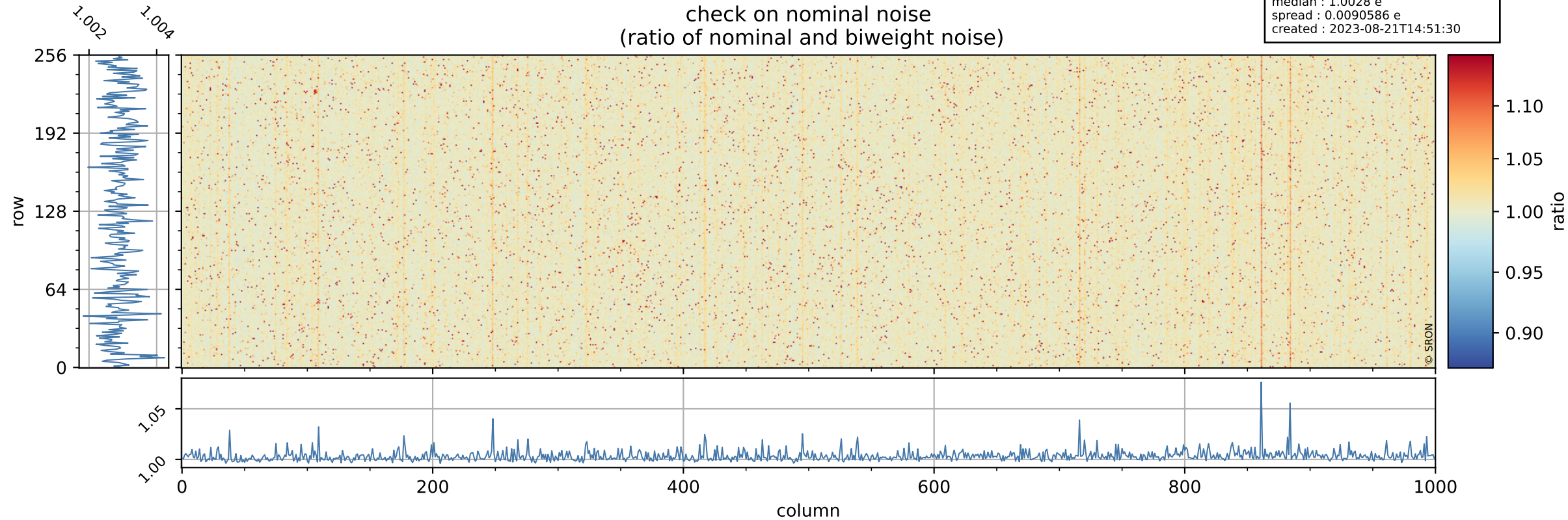
orbits : 12 in [7687, 7777]
coverage : 2019-04-08 / 2019-04-14
median : 1.0007 e
spread : 0.010487 e
created : 2023-08-21T14:51:29



Tropomi SWIR background noise (swir)

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

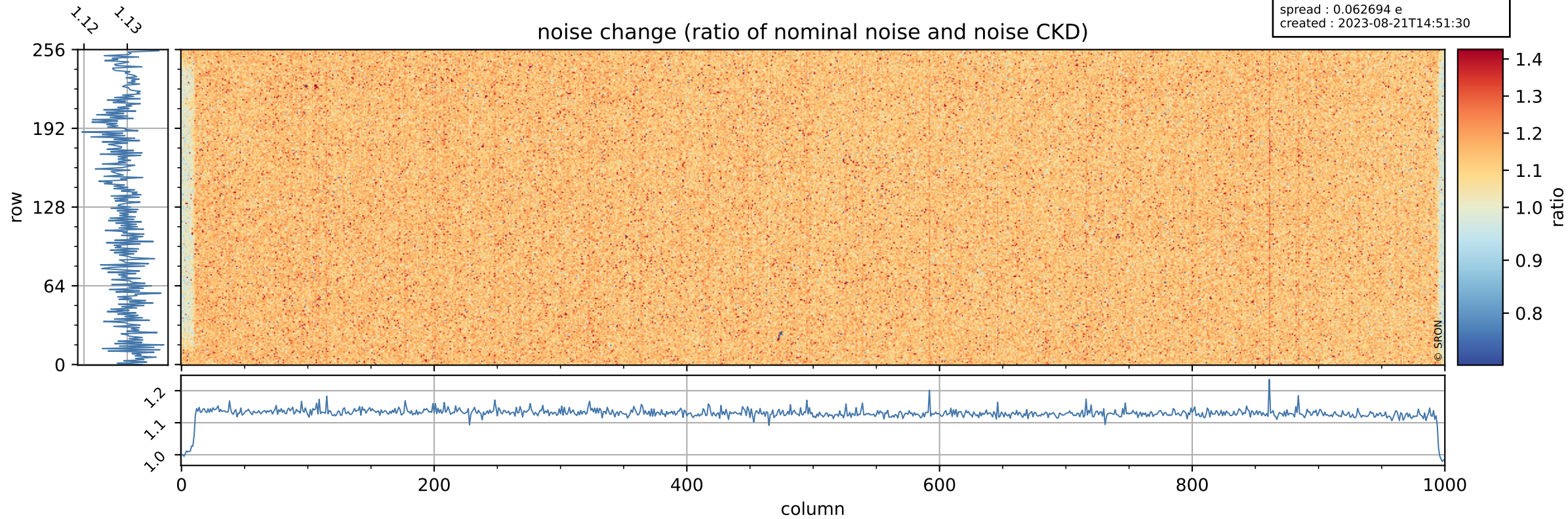
orbits : 12 in [7687, 7777]
coverage : 2019-04-08 / 2019-04-14
median : 1.0028 e
spread : 0.0090586 e
created : 2023-08-21T14:51:30



Tropomi SWIR background noise (swir)

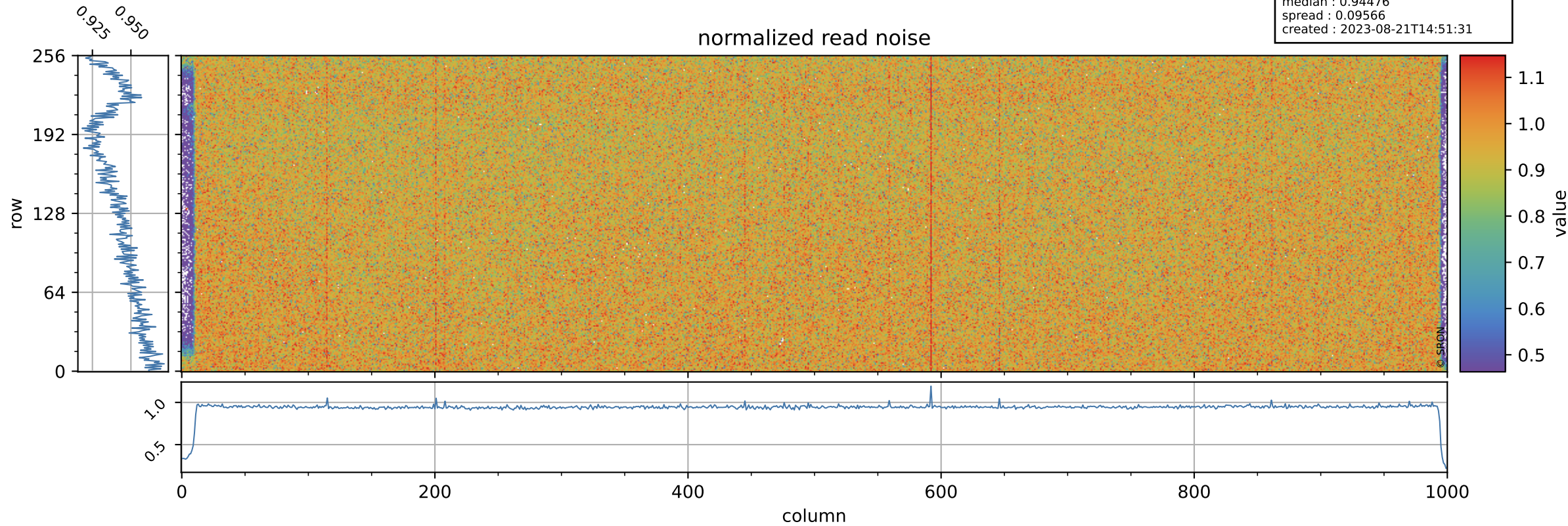
orbits : 12 in [7687, 7777]
coverage : 2019-04-08 / 2019-04-14
median : 1.1292 e
spread : 0.062694 e
created : 2023-08-21T14:51:30

noise change (ratio of nominal noise and noise CKD)



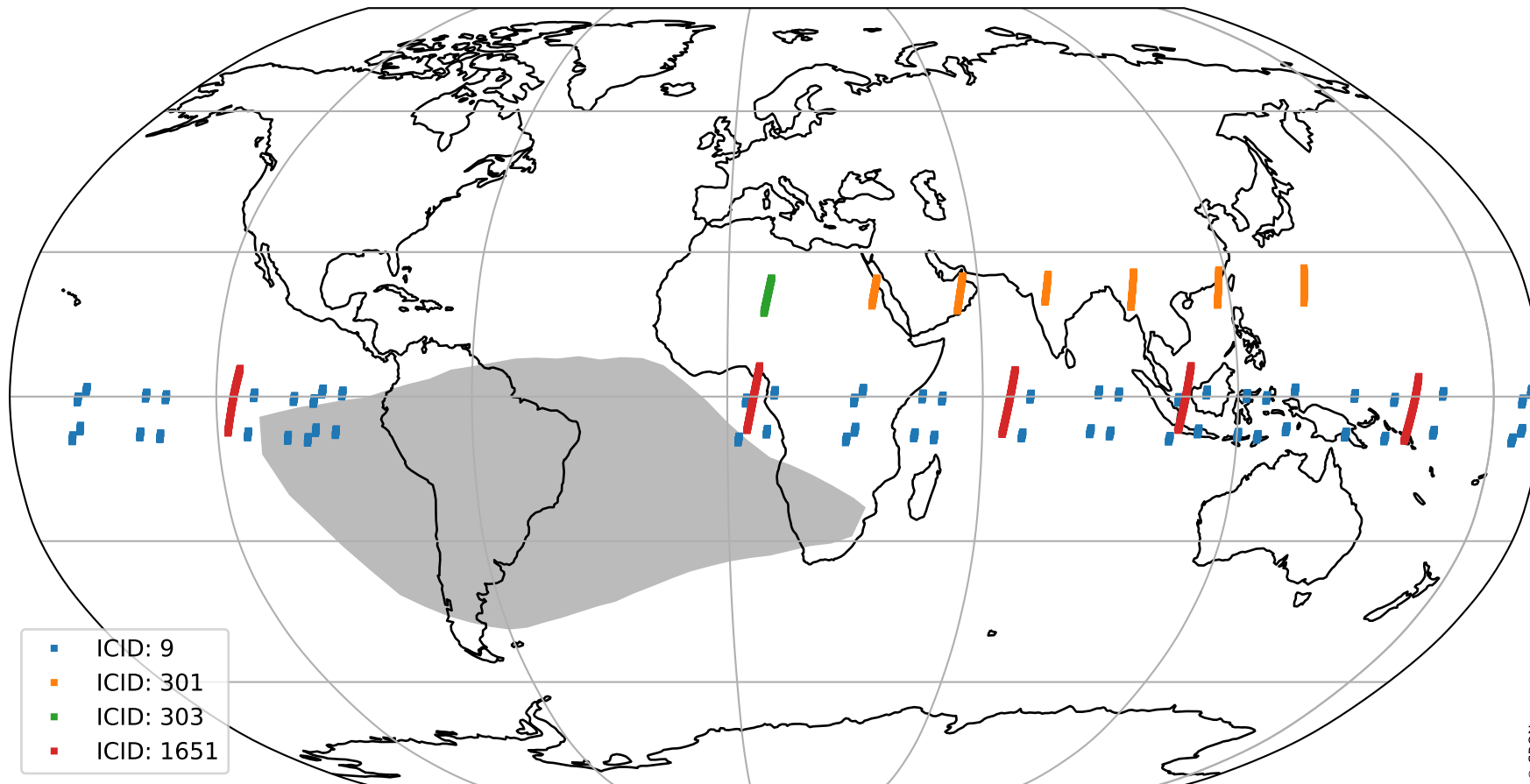
Tropomi SWIR background noise (swir)

orbits : 12 in [7687, 7777]
coverage : 2019-04-08 / 2019-04-14
median : 0.94476
spread : 0.09566
created : 2023-08-21T14:51:31



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

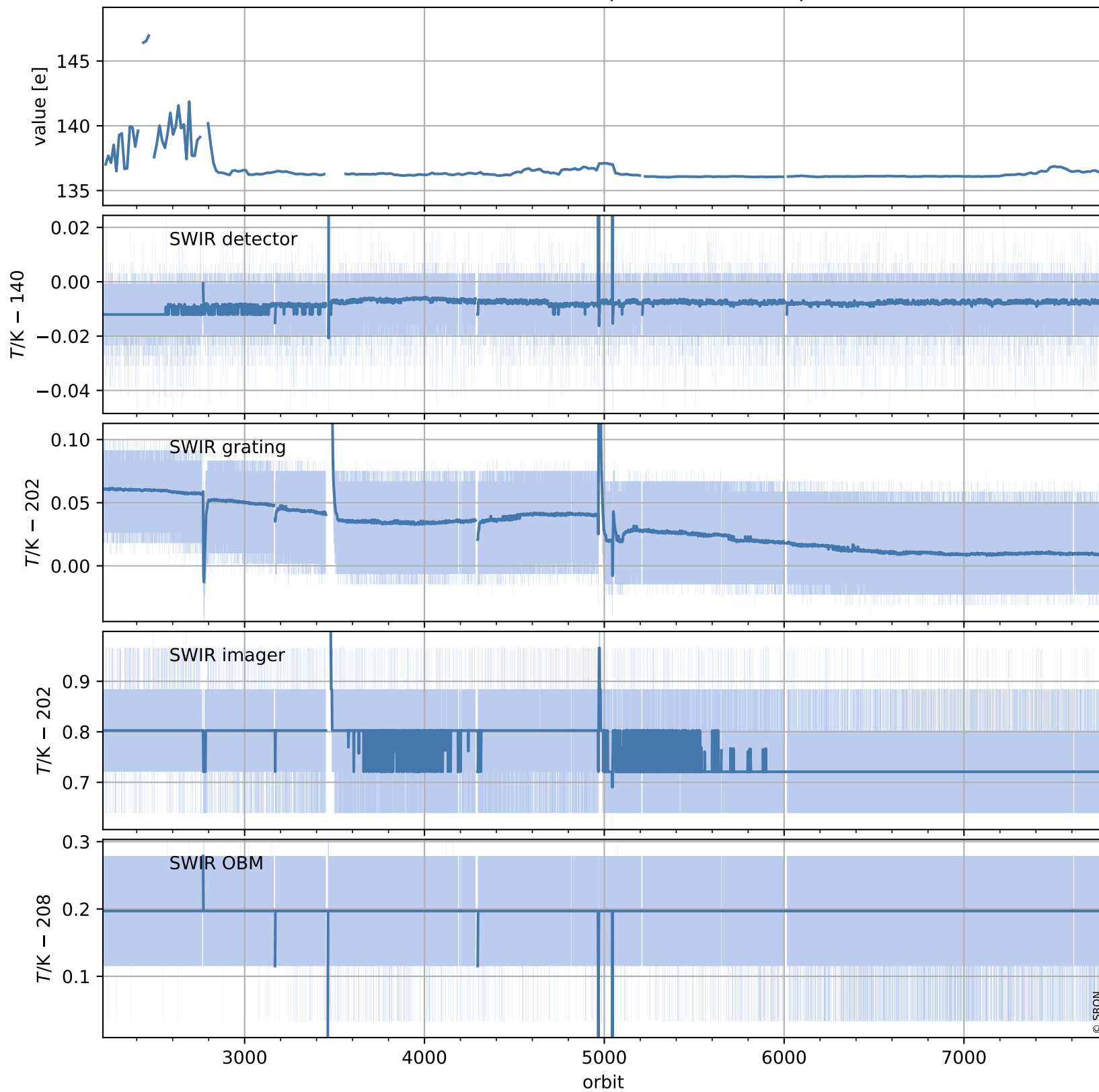
orbits : 12 in [7687, 7777]
coverage : 2019-04-08 / 2019-04-14
created : 2023-08-21T14:51:31



Tropomi SWIR background noise (swir)

orbits : [2212, 7777]
coverage : 2018-03-18 / 2019-04-14
created : 2023-08-21T14:51:31

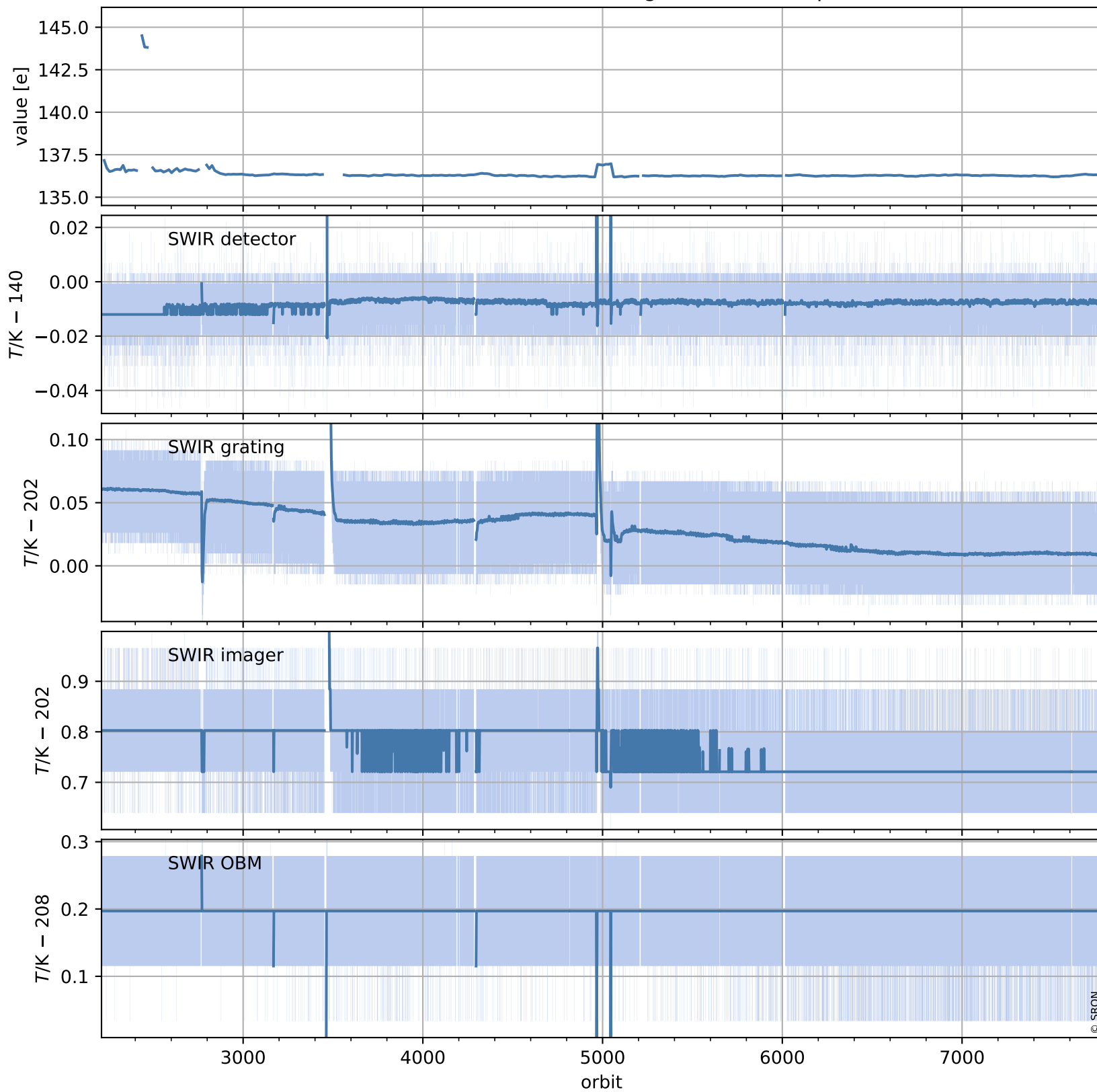
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7777]
coverage : 2018-03-18 / 2019-04-14
created : 2023-08-21T14:51:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7777]
coverage : 2018-03-18 / 2019-04-14
created : 2023-08-21T14:51:33

trend of normalized read-noise & temperatures

