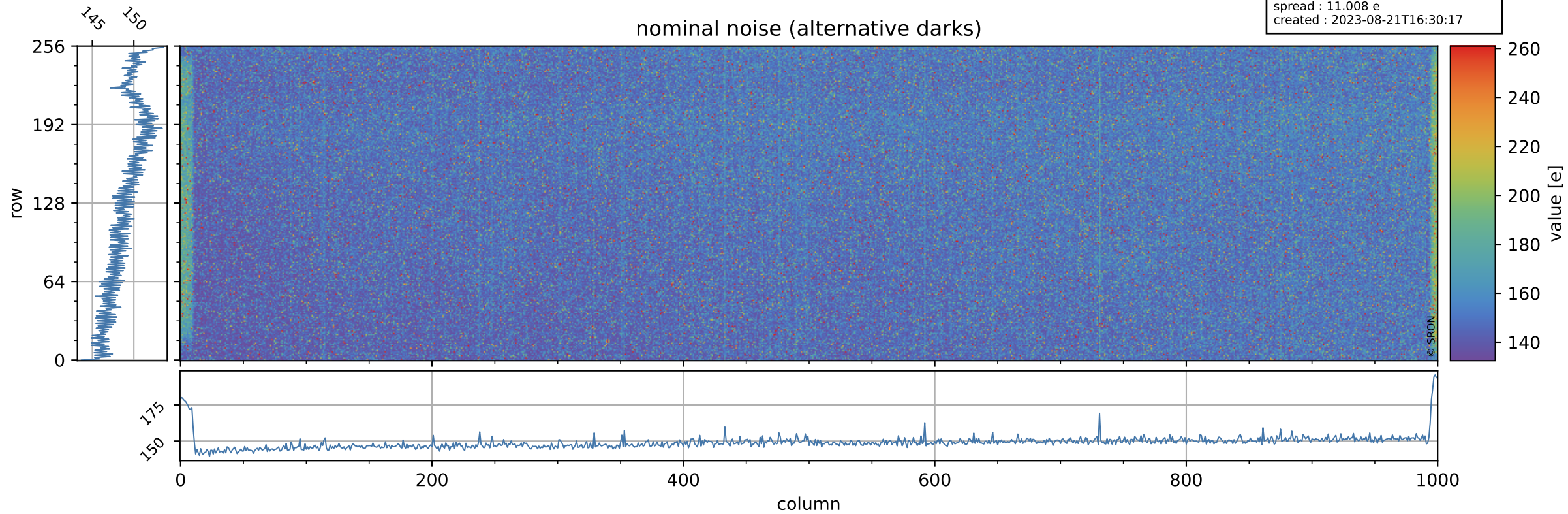


Tropomi SWIR background noise (swir)

orbits : 13 in [23347, 23437]
coverage : 2022-04-16 / 2022-04-22
n_coad, t_exp : 1, 1.0783
median : 148.89 e
spread : 11.008 e
created : 2023-08-21T16:30:17

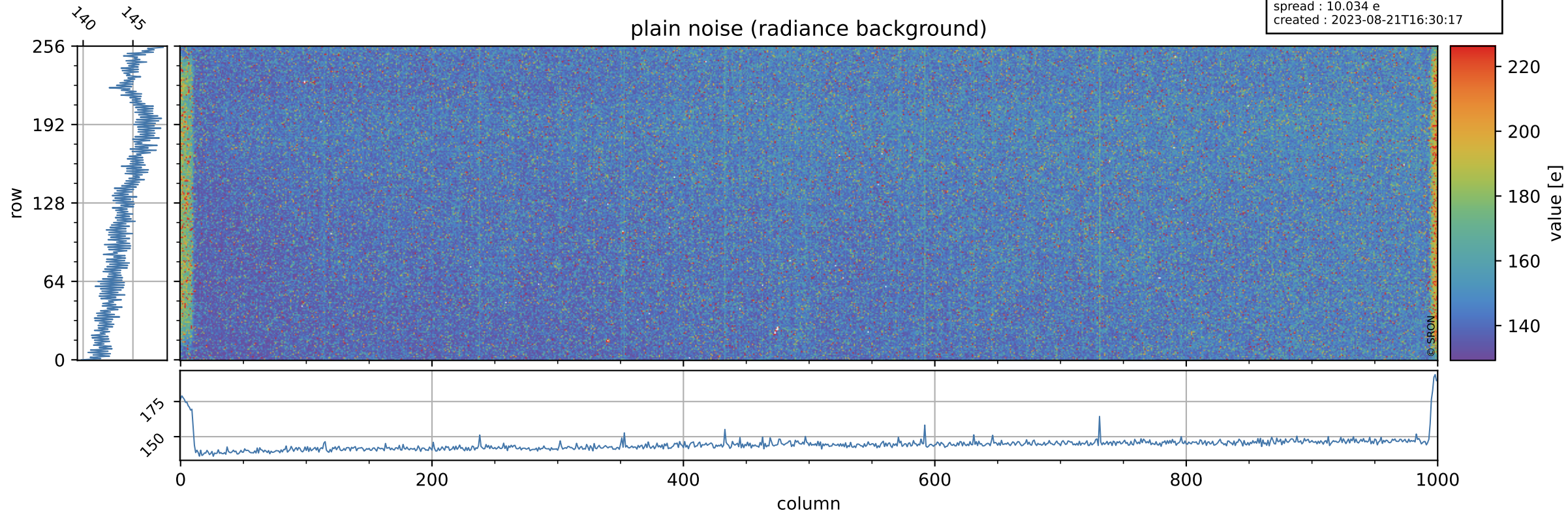
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [23347, 23437]
coverage : 2022-04-16 / 2022-04-22
n_coad, t_exp : 1, 0.8383
median : 144.18 e
spread : 10.034 e
created : 2023-08-21T16:30:17

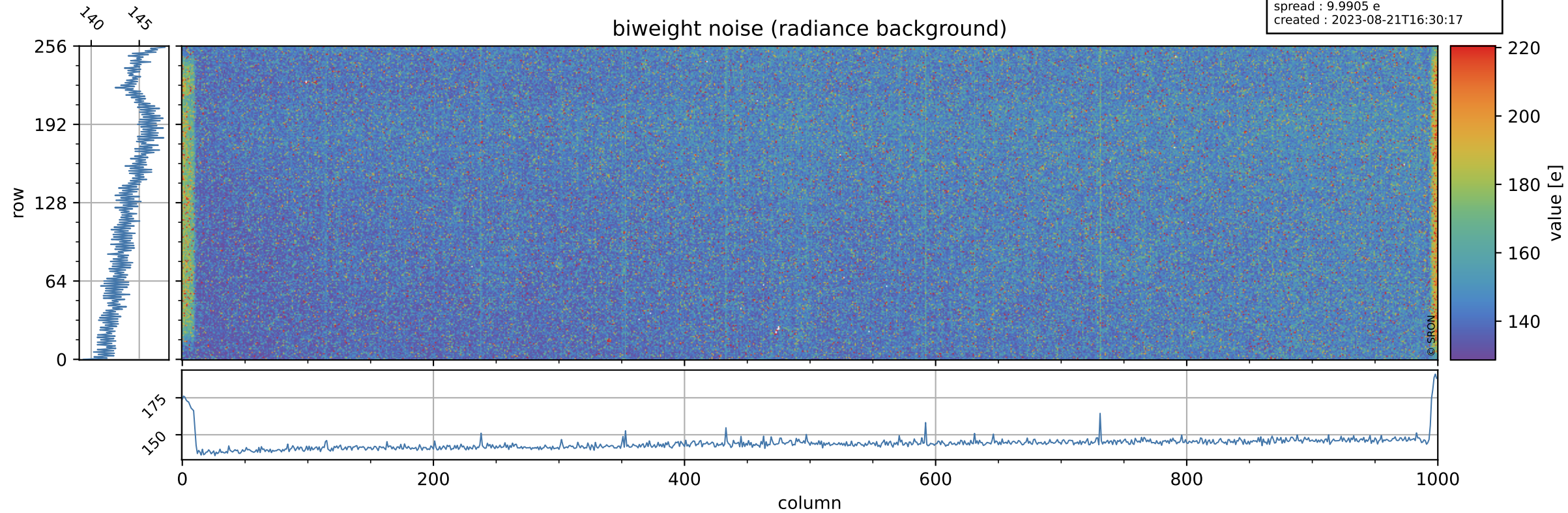
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [23347, 23437]
coverage : 2022-04-16 / 2022-04-22
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 9.9905 e
created : 2023-08-21T16:30:17

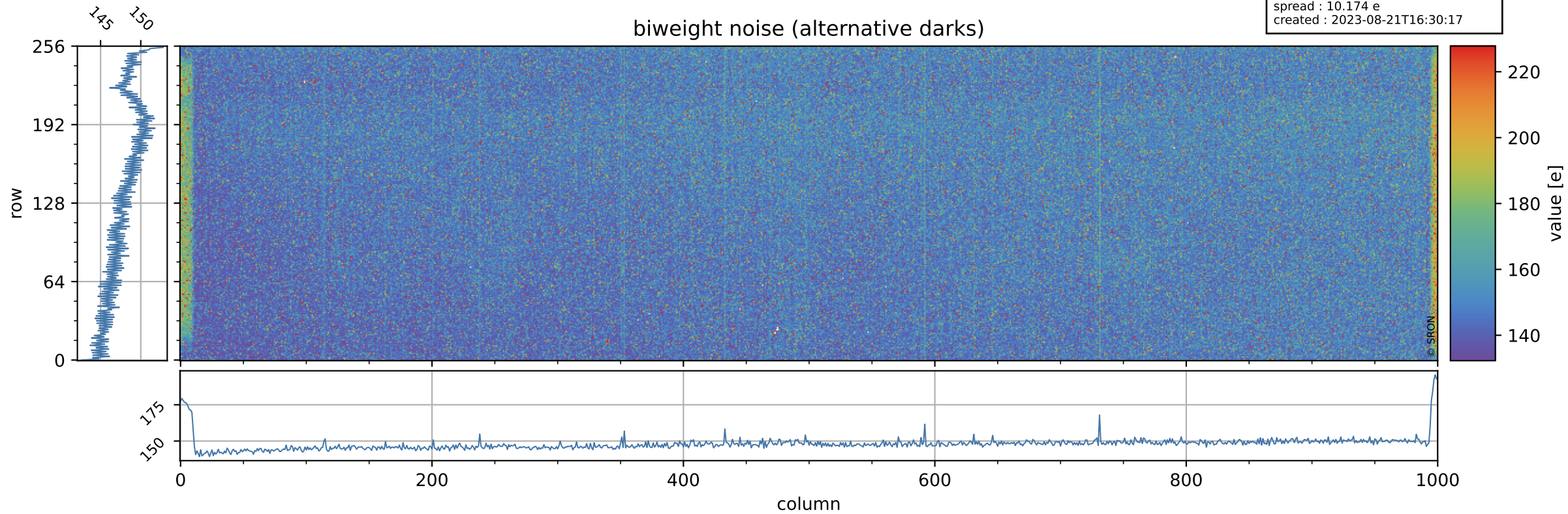
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [23347, 23437]
coverage : 2022-04-16 / 2022-04-22
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.174 e
created : 2023-08-21T16:30:17

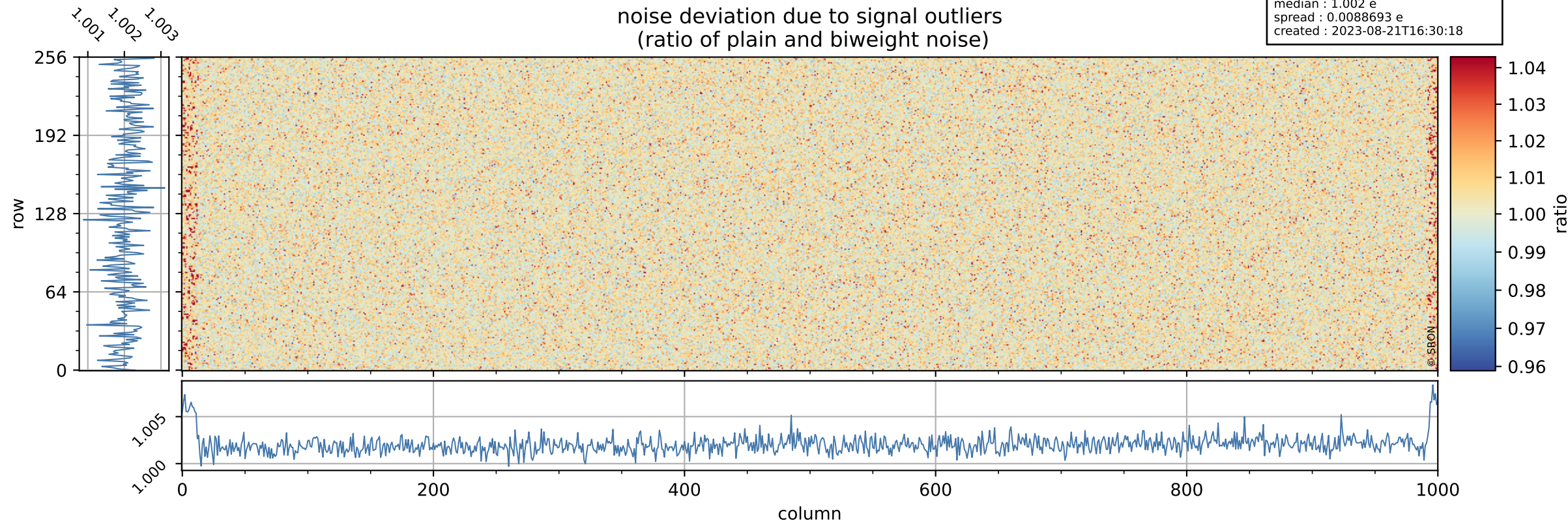
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

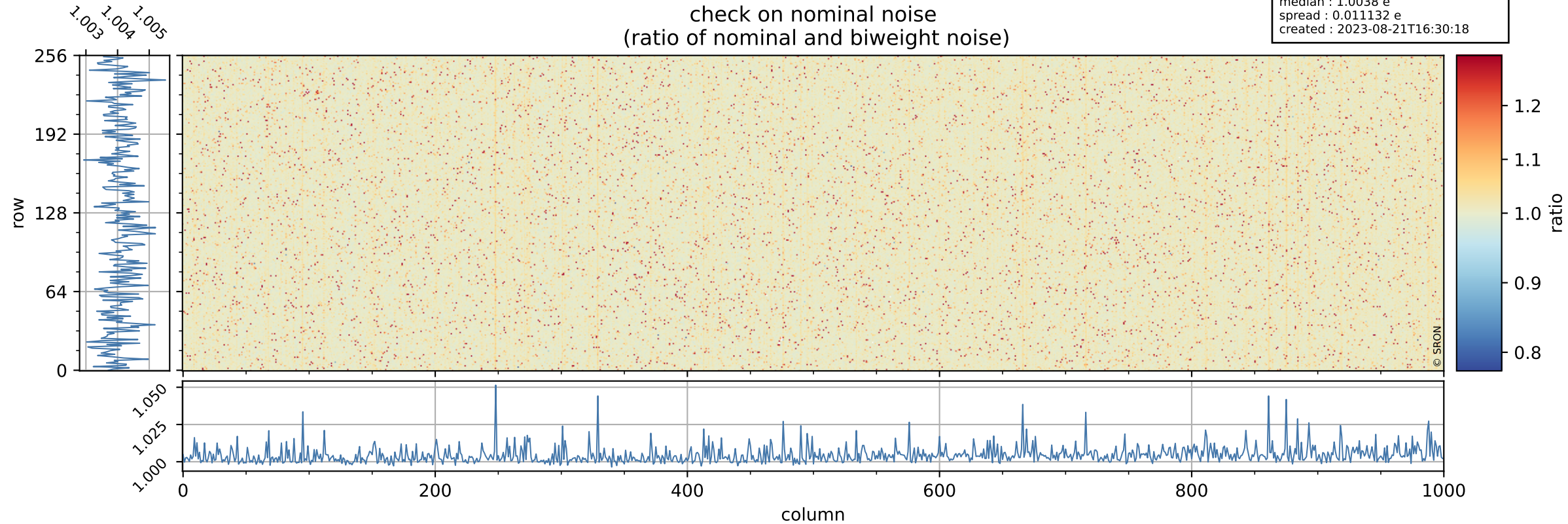
orbits : 13 in [23347, 23437]
coverage : 2022-04-16 / 2022-04-22
median : 1.002 e
spread : 0.0088693 e
created : 2023-08-21T16:30:18



Tropomi SWIR background noise (swir)

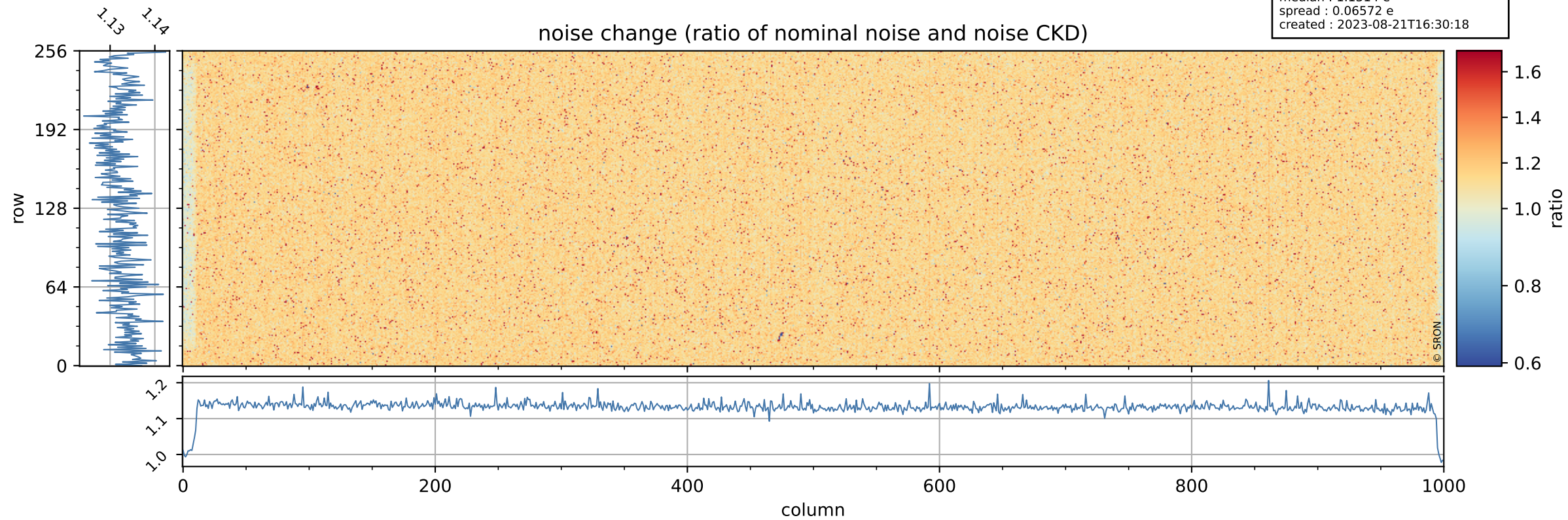
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [23347, 23437]
coverage : 2022-04-16 / 2022-04-22
median : 1.0038 e
spread : 0.011132 e
created : 2023-08-21T16:30:18



Tropomi SWIR background noise (swir)

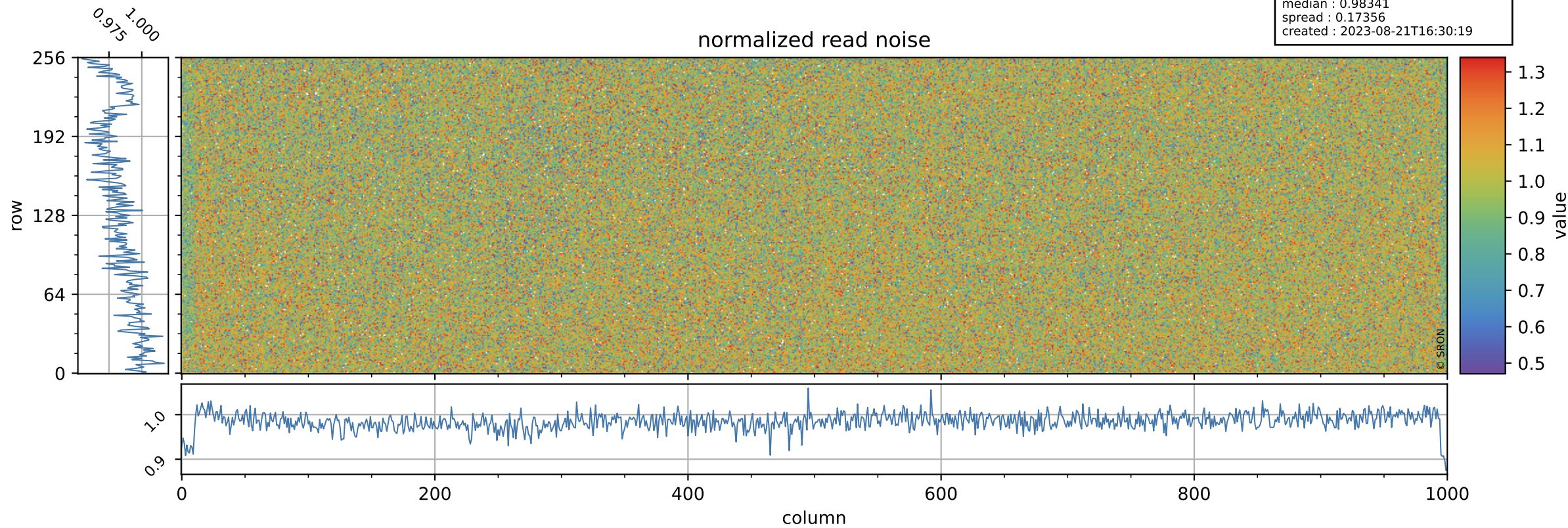
orbits : 13 in [23347, 23437]
coverage : 2022-04-16 / 2022-04-22
median : 1.1314 e
spread : 0.06572 e
created : 2023-08-21T16:30:18



Tropomi SWIR background noise (swir)

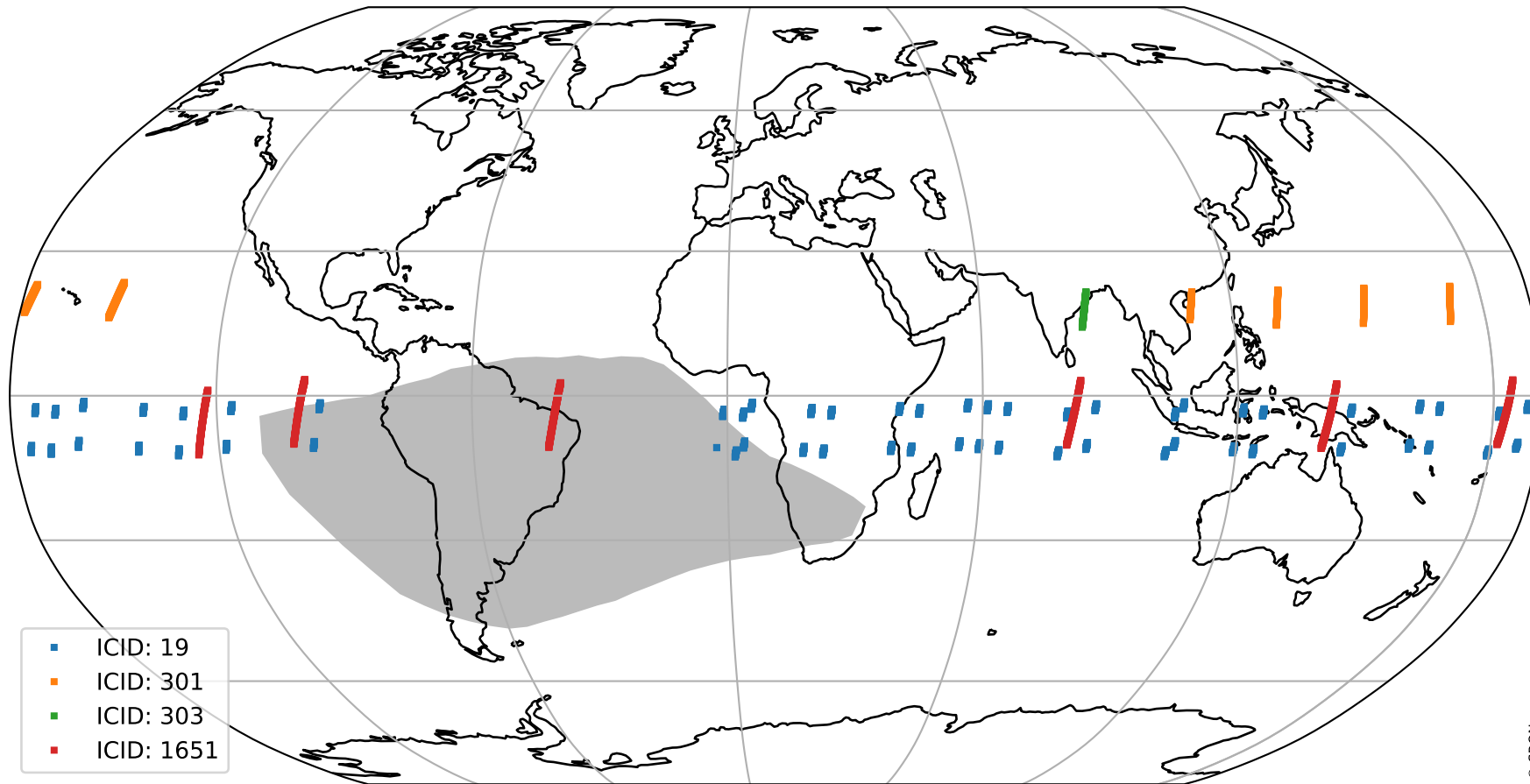
orbits : 13 in [23347, 23437]
coverage : 2022-04-16 / 2022-04-22
median : 0.98341
spread : 0.17356
created : 2023-08-21T16:30:19

normalized read noise



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

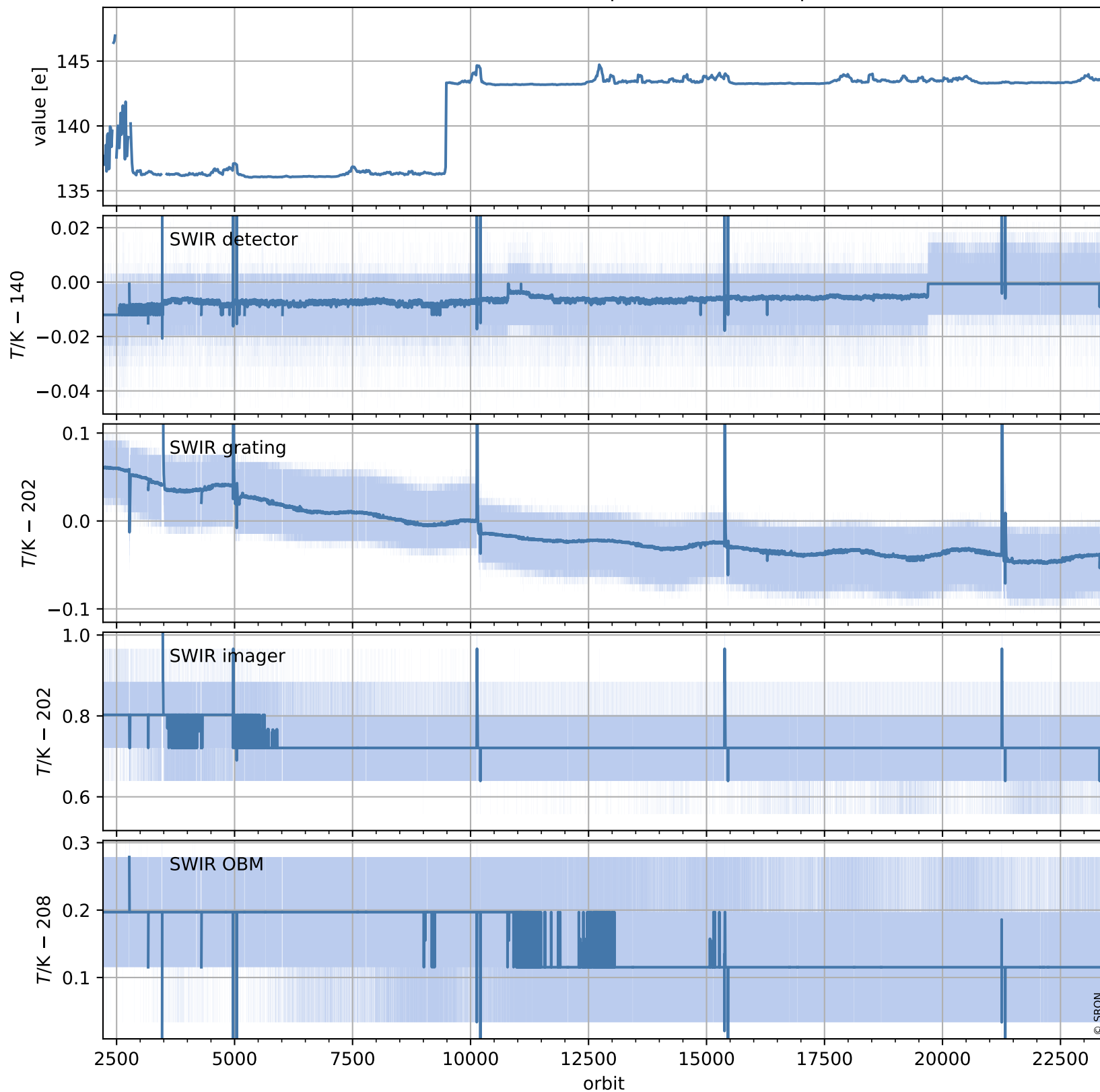
orbits : 13 in [23347, 23437]
coverage : 2022-04-16 / 2022-04-22
created : 2023-08-21T16:30:19



Tropomi SWIR background noise (swir)

orbits : [2212, 23437]
coverage : 2018-03-18 / 2022-04-22
created : 2023-08-21T16:30:19

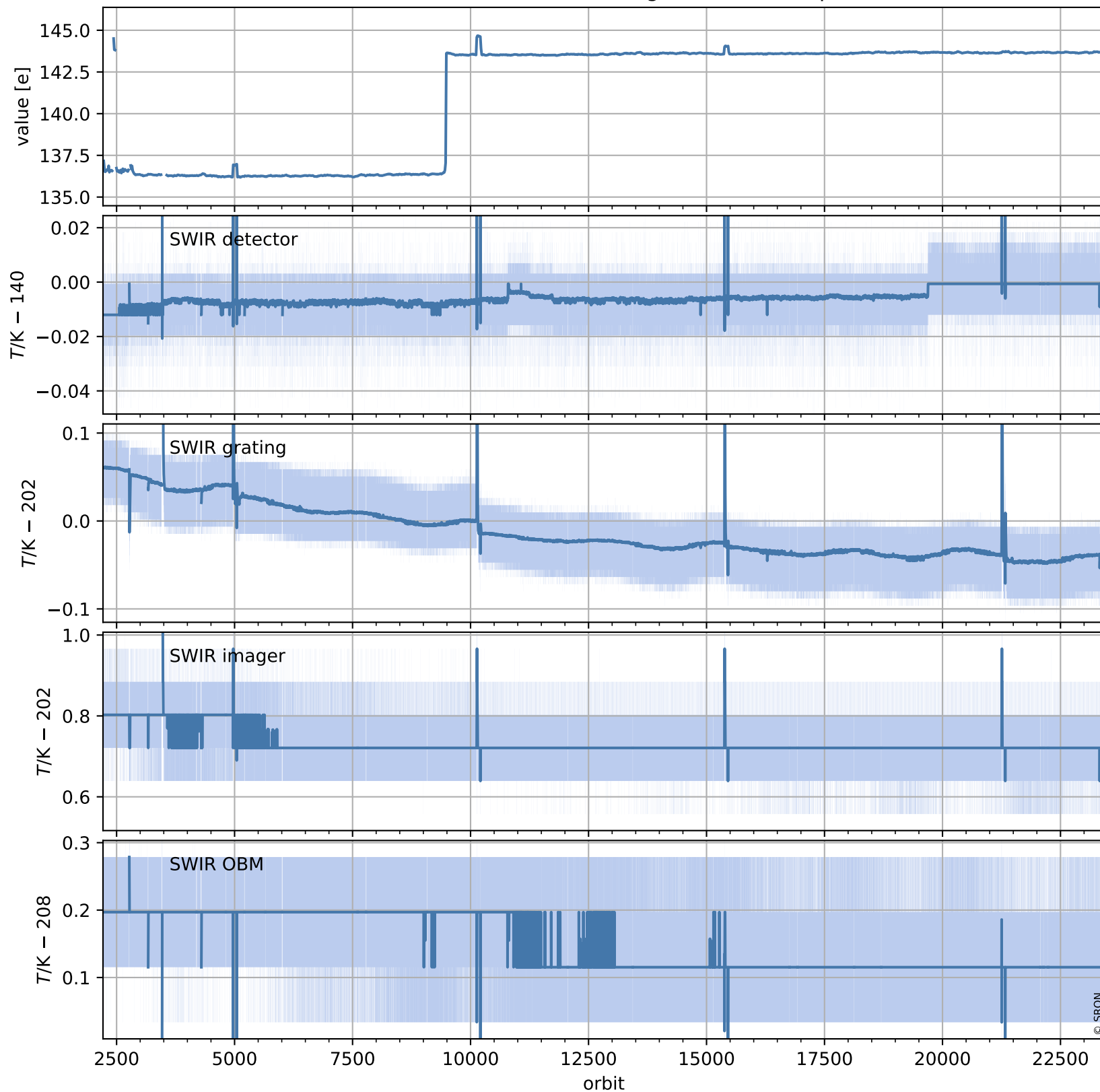
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23437]
coverage : 2018-03-18 / 2022-04-22
created : 2023-08-21T16:30:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23437]
coverage : 2018-03-18 / 2022-04-22
created : 2023-08-21T16:30:21

trend of normalized read-noise & temperatures

