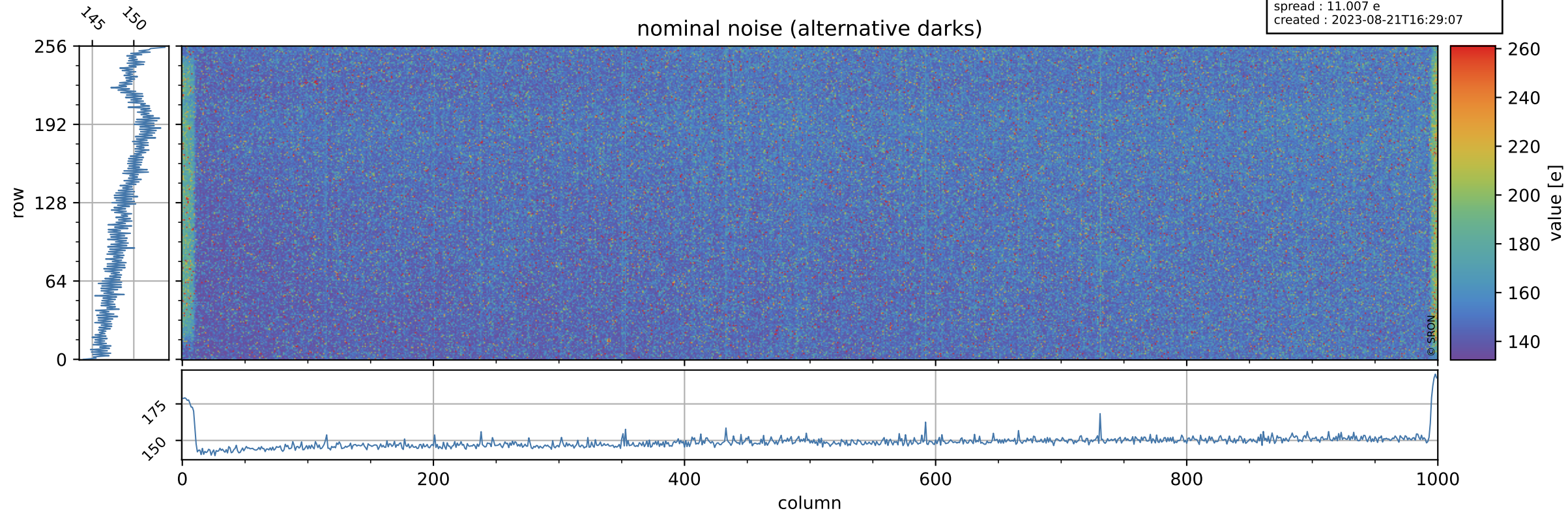


Tropomi SWIR background noise (swir)

orbits : 12 in [23167, 23257]
coverage : 2022-04-03 / 2022-04-09
n_coad, t_exp : 1, 1.0783
median : 148.83 e
spread : 11.007 e
created : 2023-08-21T16:29:07

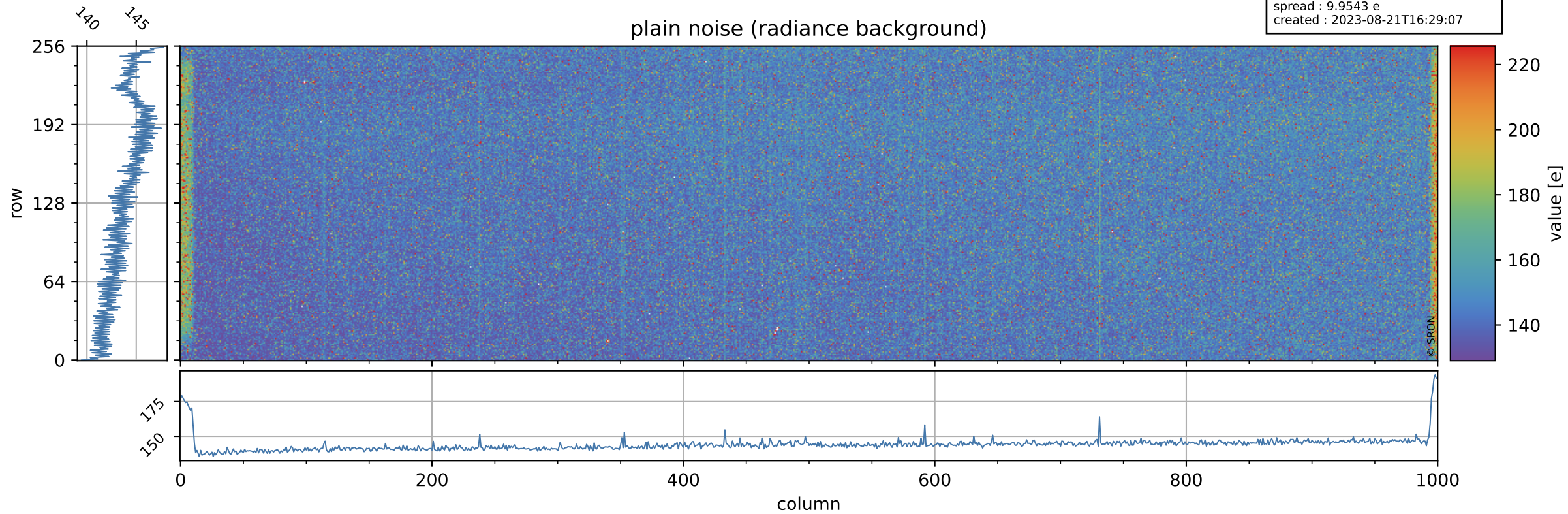
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23167, 23257]
coverage : 2022-04-03 / 2022-04-09
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.9543 e
created : 2023-08-21T16:29:07

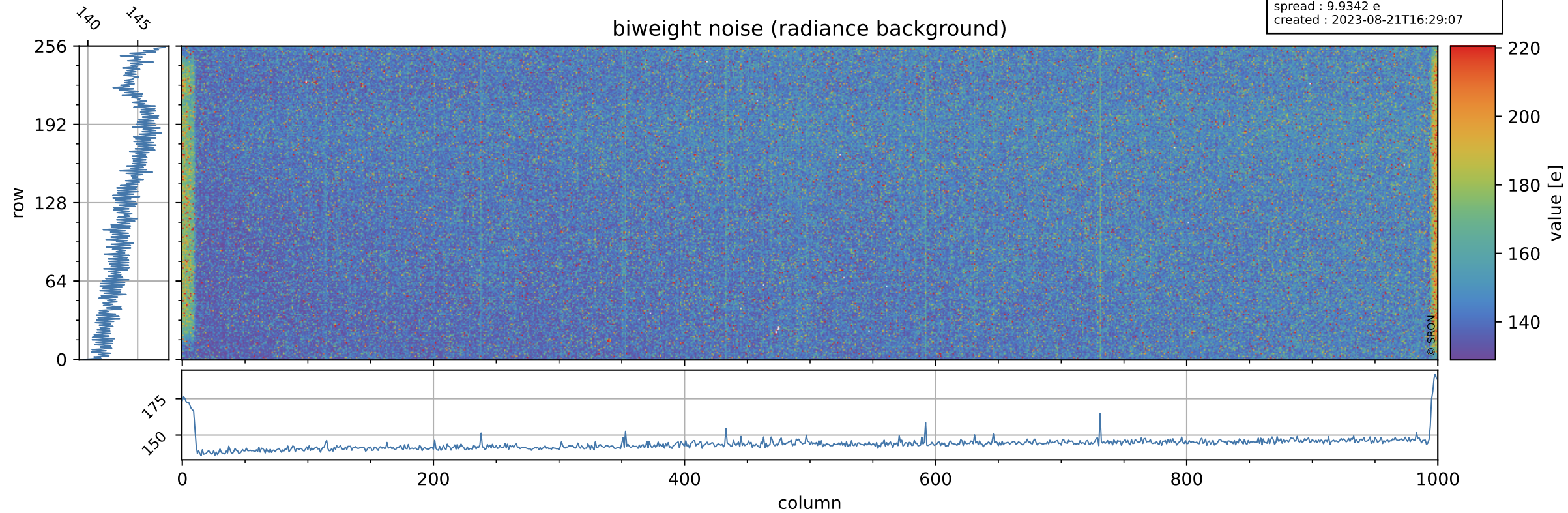
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23167, 23257]
coverage : 2022-04-03 / 2022-04-09
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.9342 e
created : 2023-08-21T16:29:07

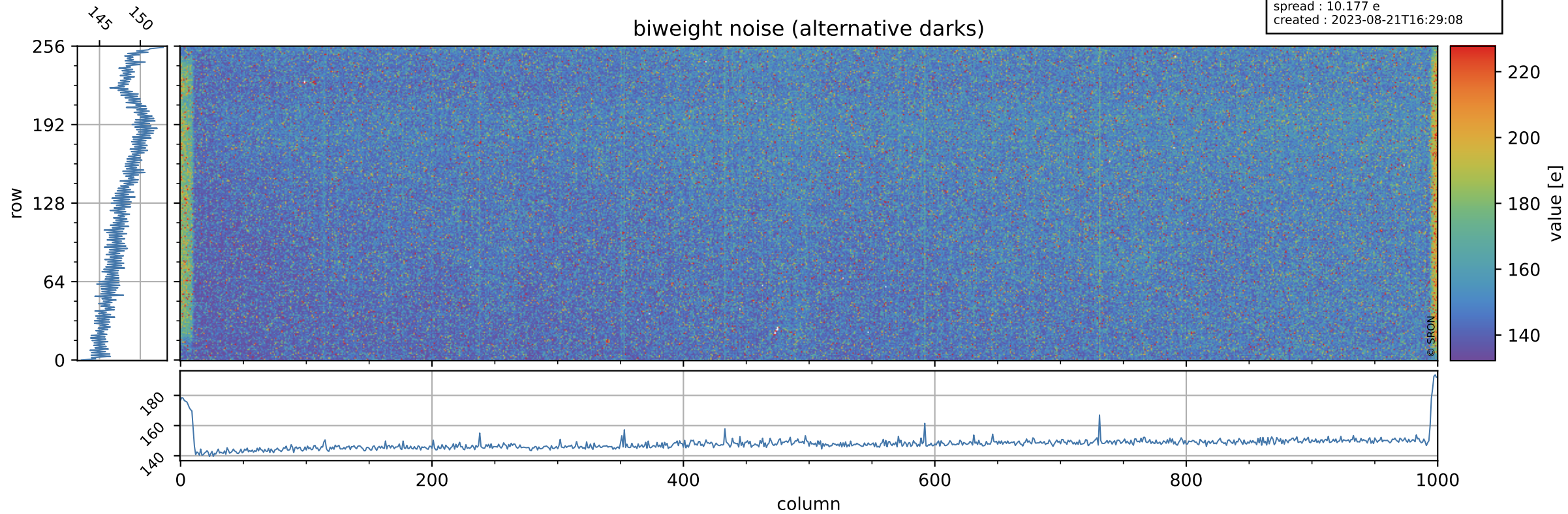
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23167, 23257]
coverage : 2022-04-03 / 2022-04-09
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.177 e
created : 2023-08-21T16:29:08

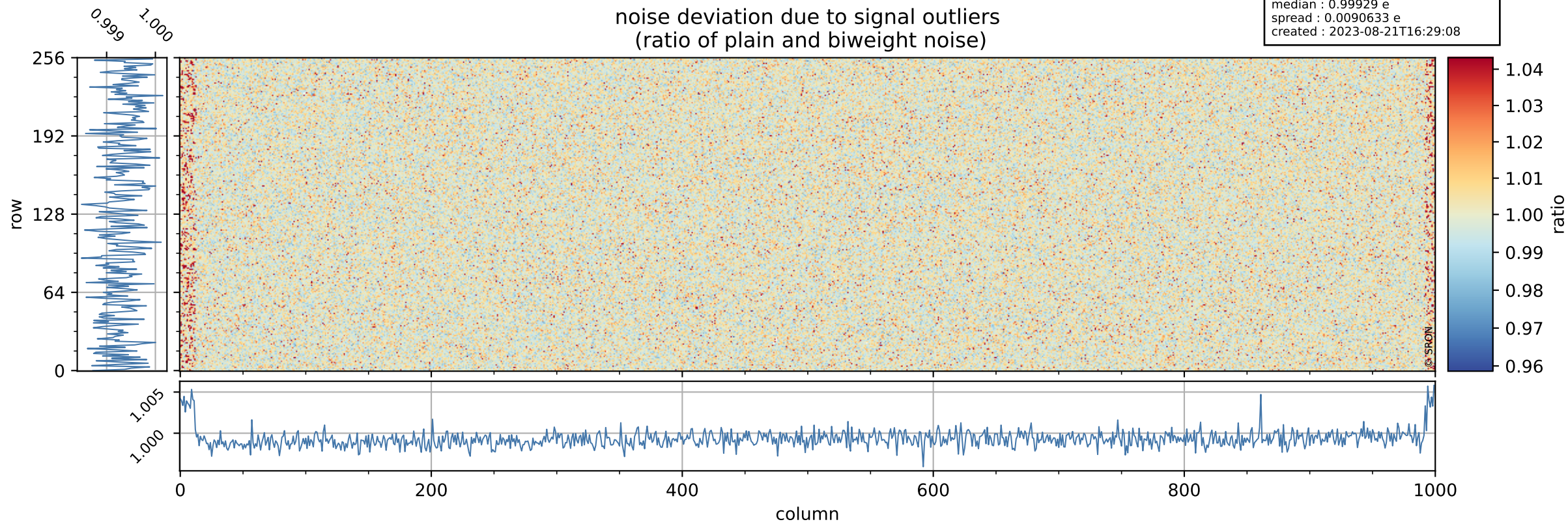
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

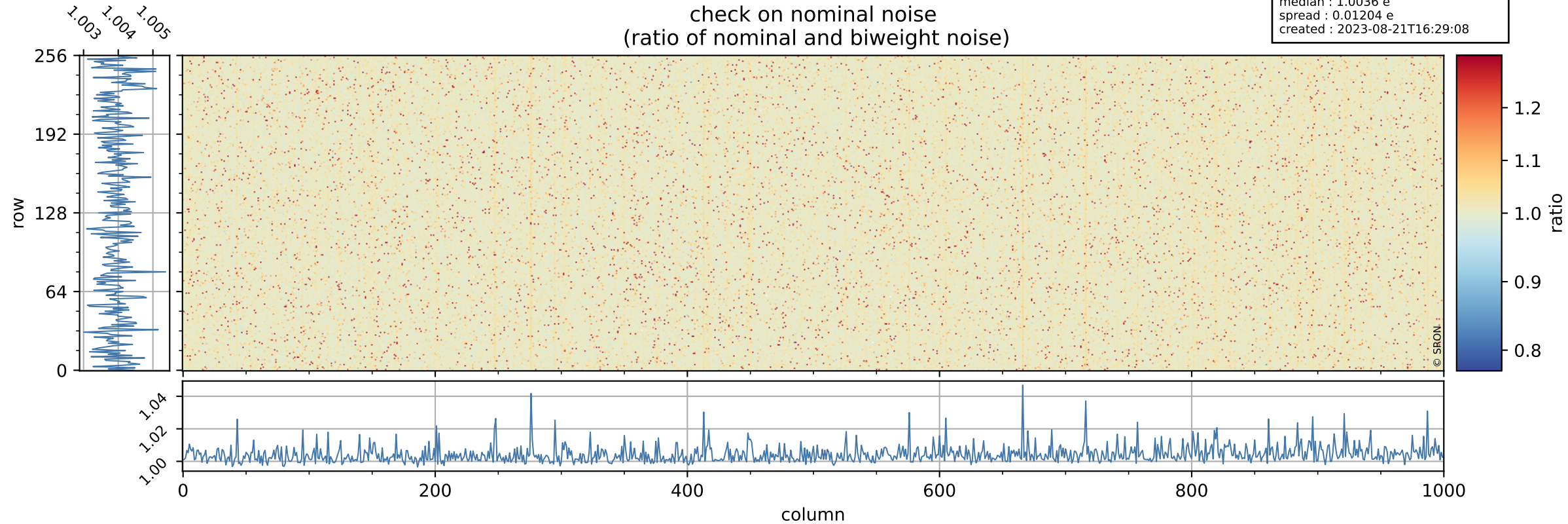
orbits : 12 in [23167, 23257]
coverage : 2022-04-03 / 2022-04-09
median : 0.99929 e
spread : 0.0090633 e
created : 2023-08-21T16:29:08



Tropomi SWIR background noise (swir)

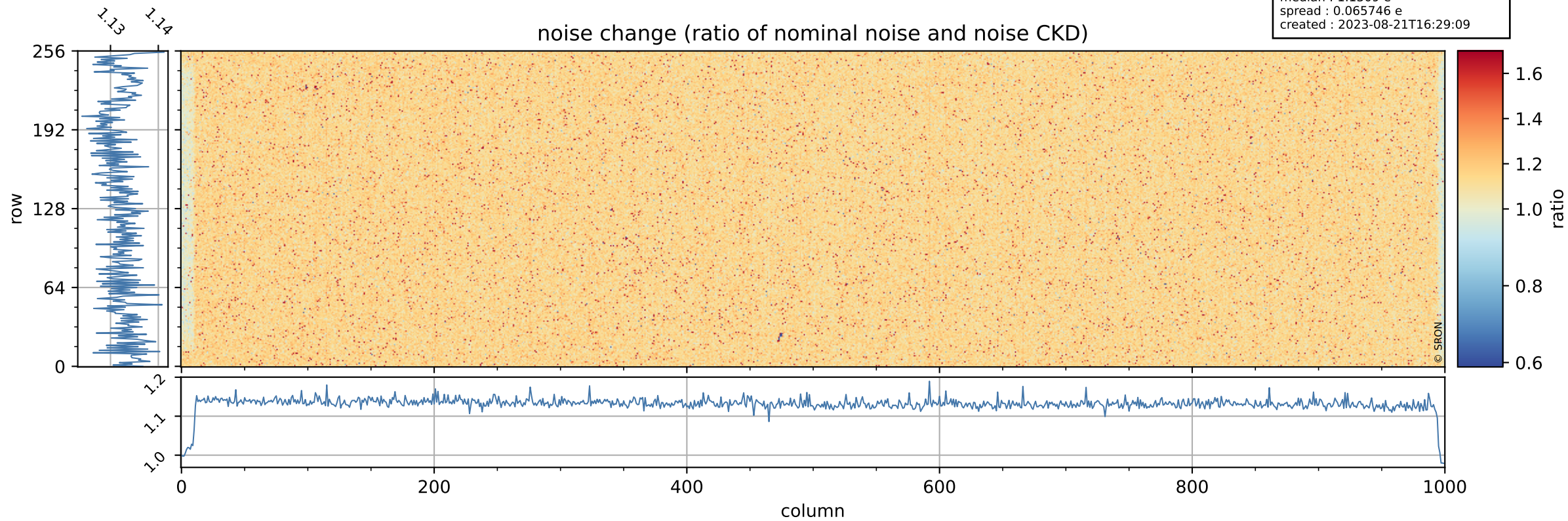
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23167, 23257]
coverage : 2022-04-03 / 2022-04-09
median : 1.0036 e
spread : 0.01204 e
created : 2023-08-21T16:29:08



Tropomi SWIR background noise (swir)

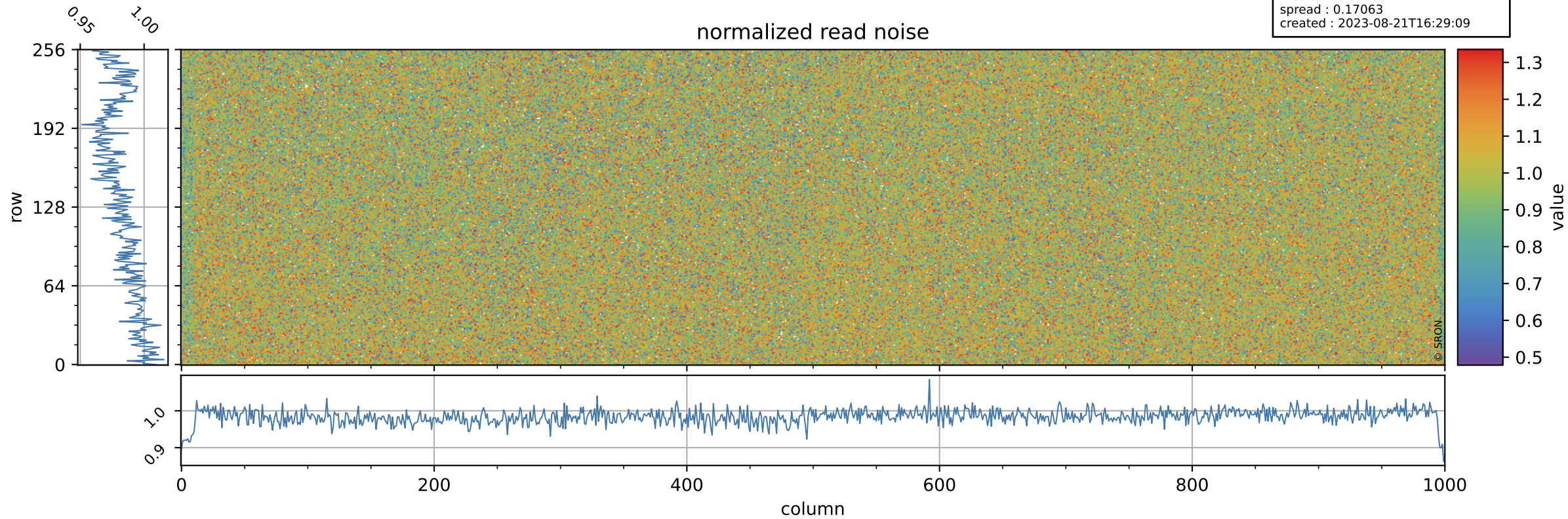
orbits : 12 in [23167, 23257]
coverage : 2022-04-03 / 2022-04-09
median : 1.1309 e
spread : 0.065746 e
created : 2023-08-21T16:29:09



Tropomi SWIR background noise (swir)

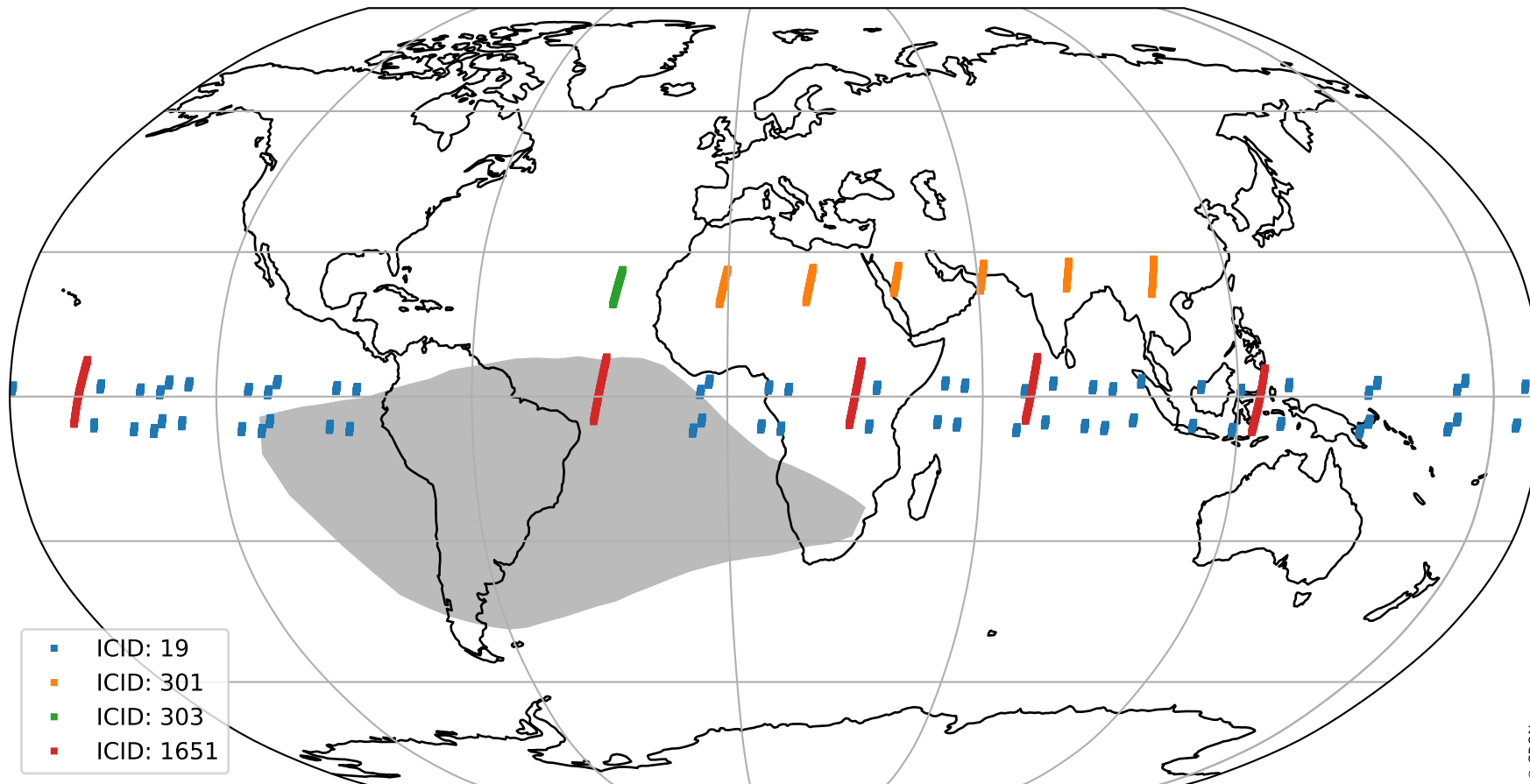
orbits : 12 in [23167, 23257]
coverage : 2022-04-03 / 2022-04-09
median : 0.98236
spread : 0.17063
created : 2023-08-21T16:29:09

normalized read noise



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

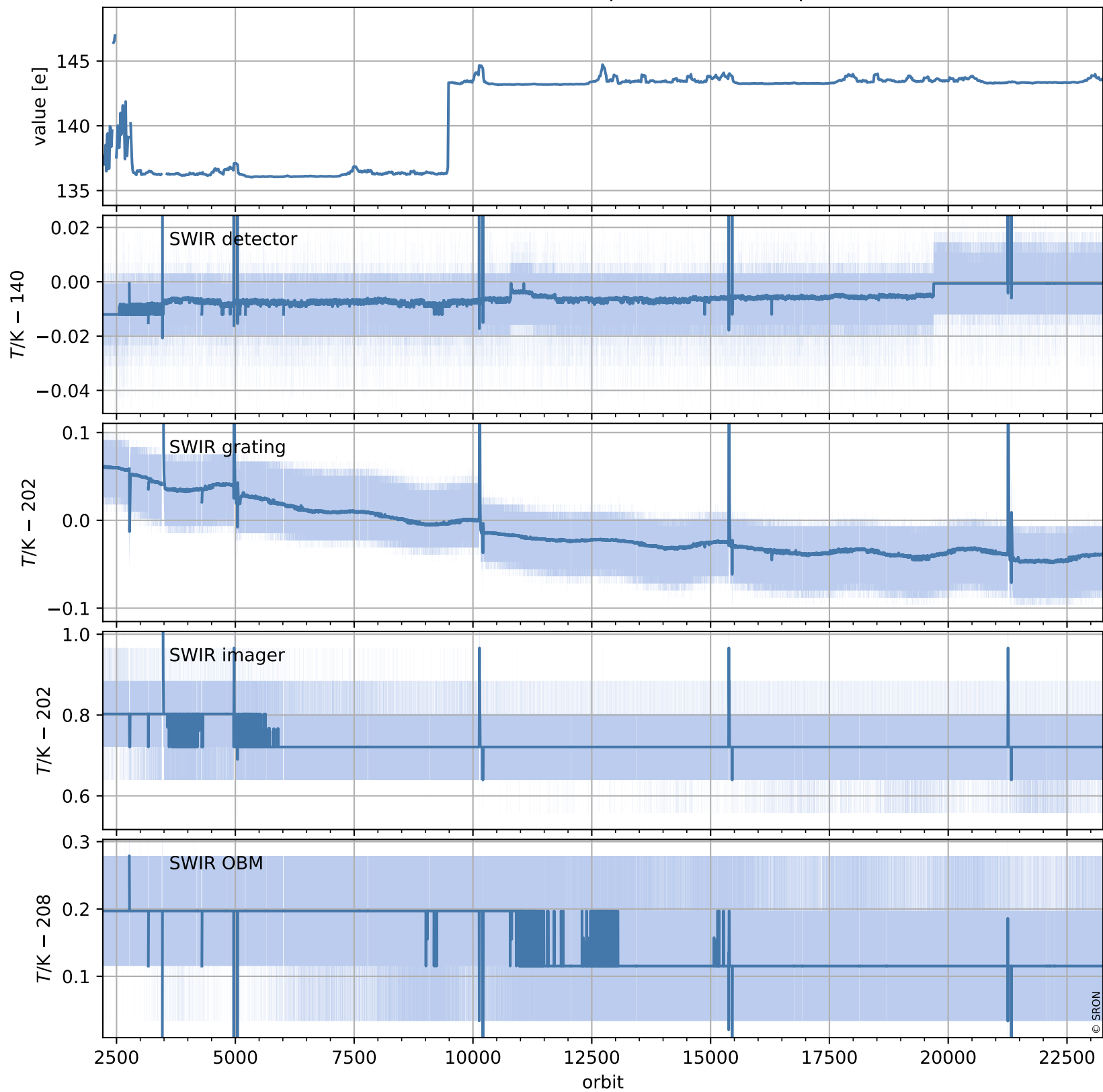
orbits : 12 in [23167, 23257]
coverage : 2022-04-03 / 2022-04-09
created : 2023-08-21T16:29:09



Tropomi SWIR background noise (swir)

orbits : [2212, 23257]
coverage : 2018-03-18 / 2022-04-09
created : 2023-08-21T16:29:10

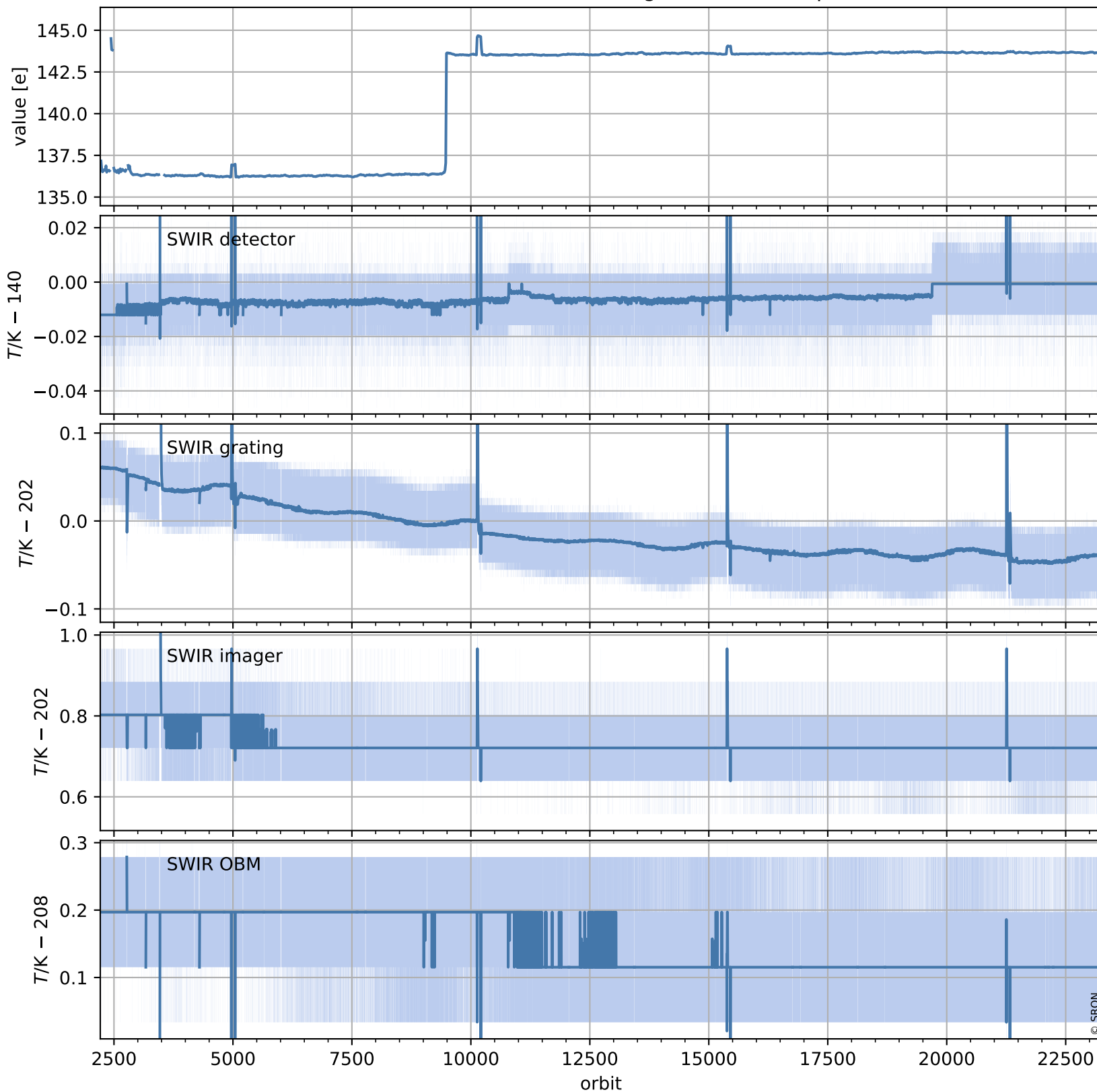
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23257]
coverage : 2018-03-18 / 2022-04-09
created : 2023-08-21T16:29:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23257]
coverage : 2018-03-18 / 2022-04-09
created : 2023-08-21T16:29:12

trend of normalized read-noise & temperatures

