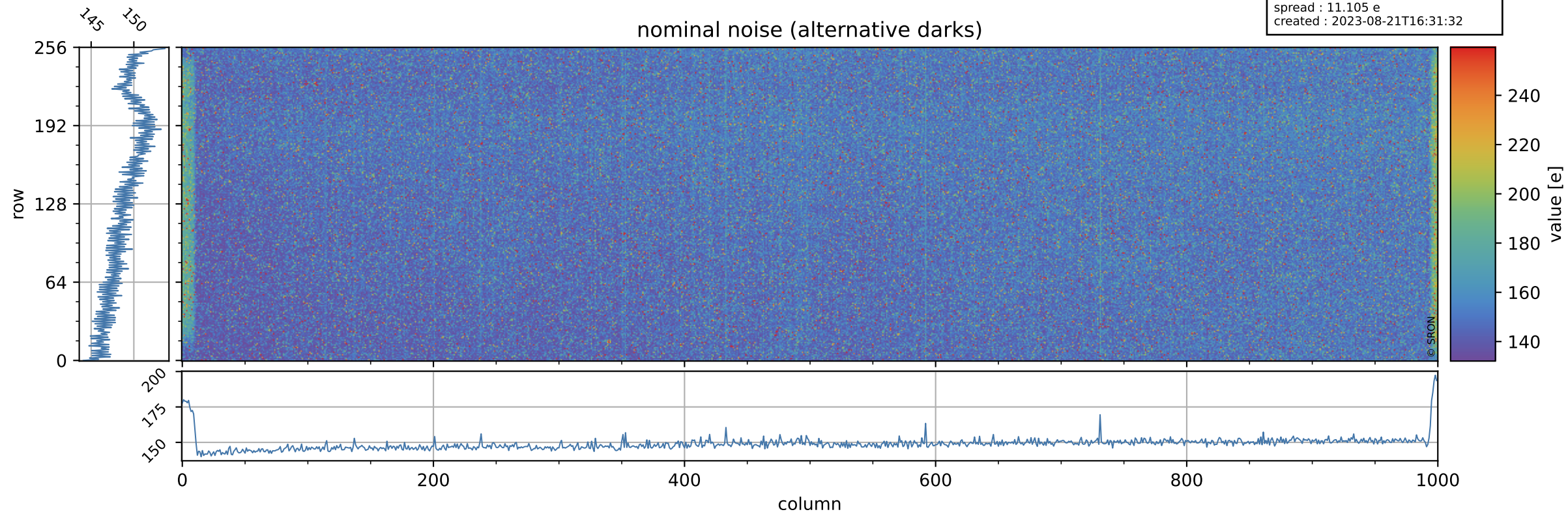


Tropomi SWIR background noise (swir)

orbits : 12 in [23542, 23632]
coverage : 2022-04-30 / 2022-05-05
n_coad, t_exp : 1, 1.0783
median : 148.8 e
spread : 11.105 e
created : 2023-08-21T16:31:32

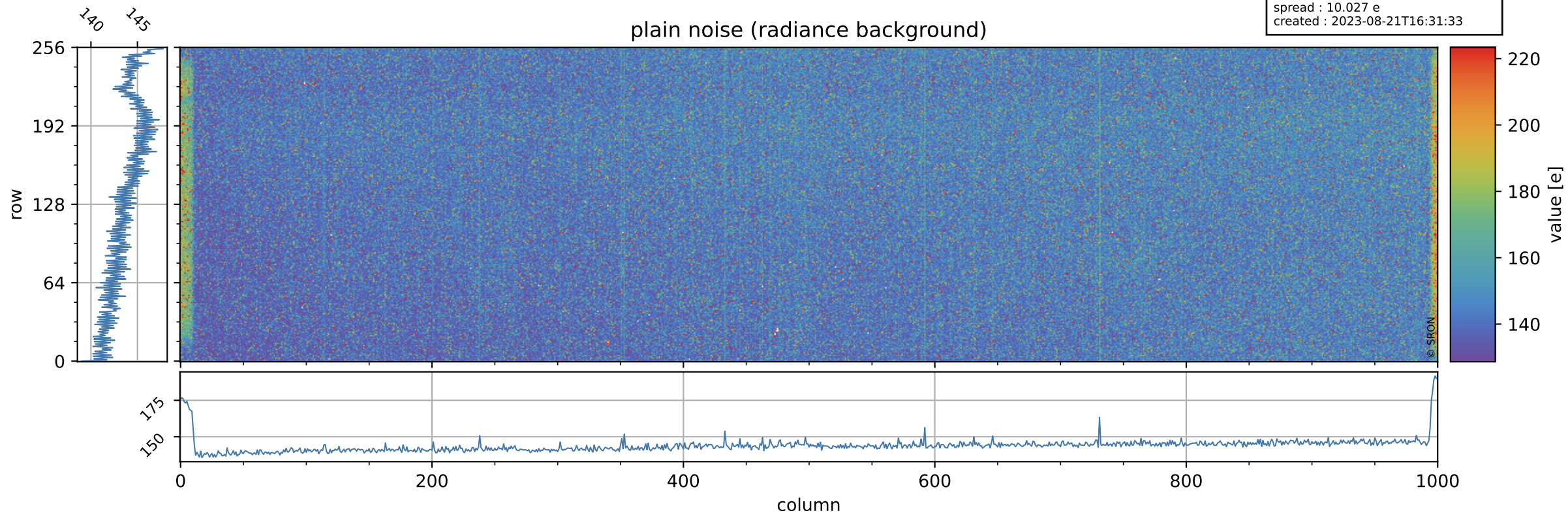
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23542, 23632]
coverage : 2022-04-30 / 2022-05-05
n_coad, t_exp : 1, 0.8383
median : 143.62 e
spread : 10.027 e
created : 2023-08-21T16:31:33

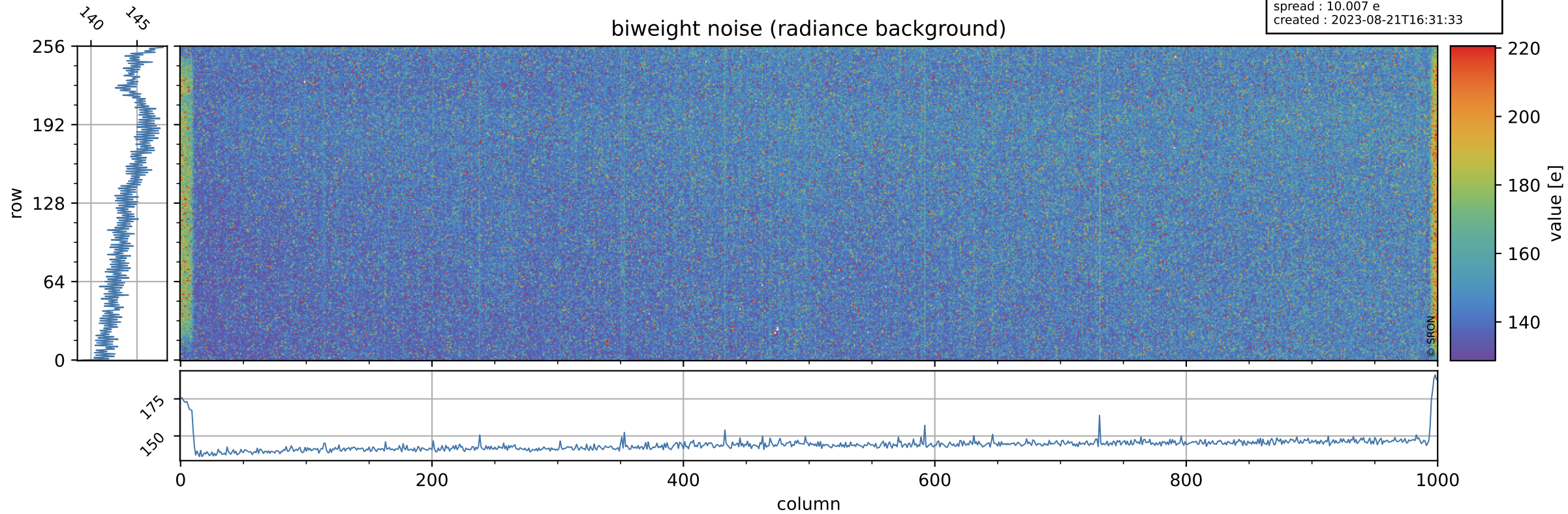
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23542, 23632]
coverage : 2022-04-30 / 2022-05-05
n_coad, t_exp : 1, 0.8383
median : 143.9 e
spread : 10.007 e
created : 2023-08-21T16:31:33

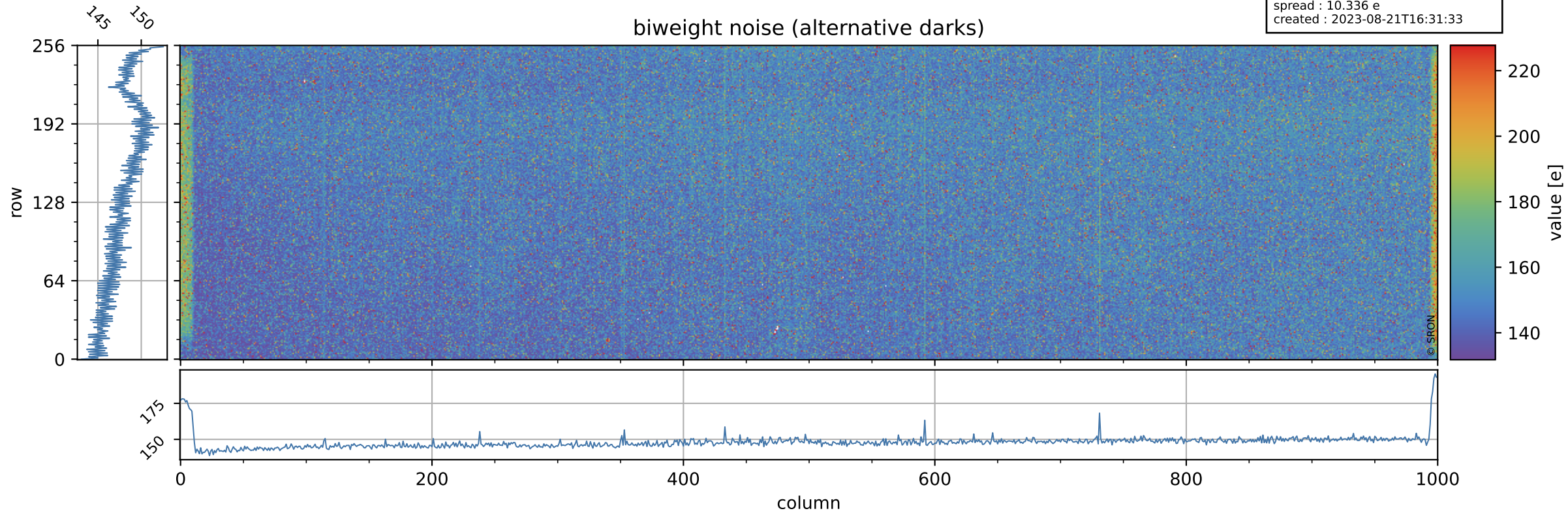
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23542, 23632]
coverage : 2022-04-30 / 2022-05-05
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.336 e
created : 2023-08-21T16:31:33

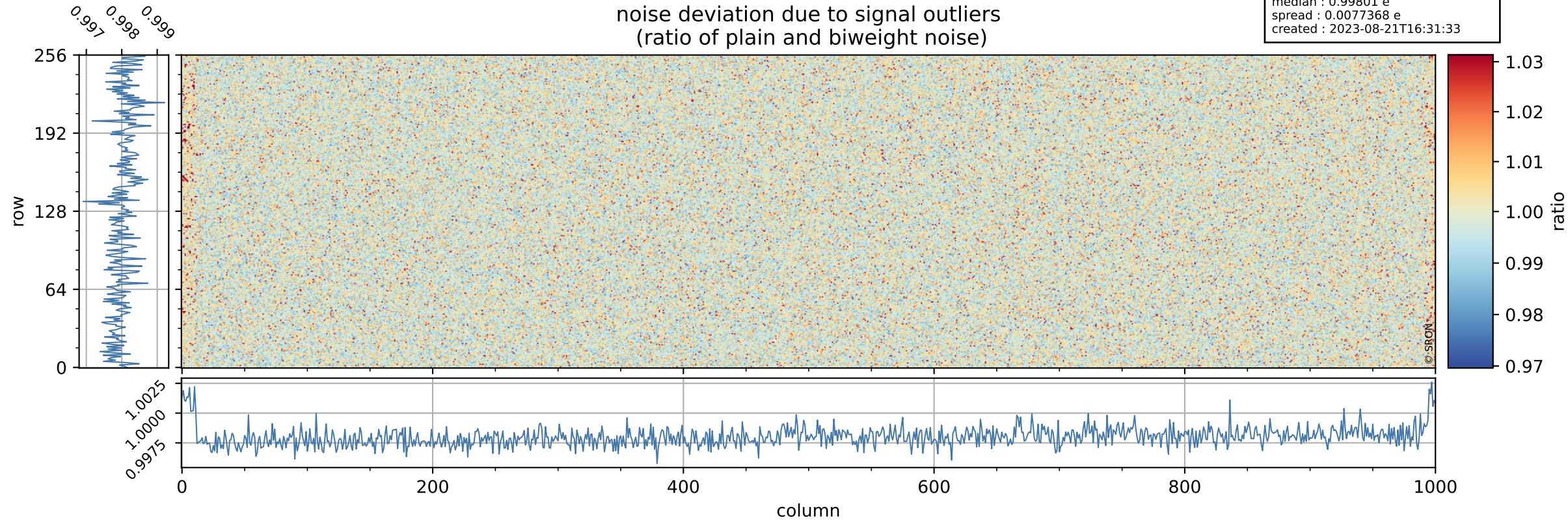
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

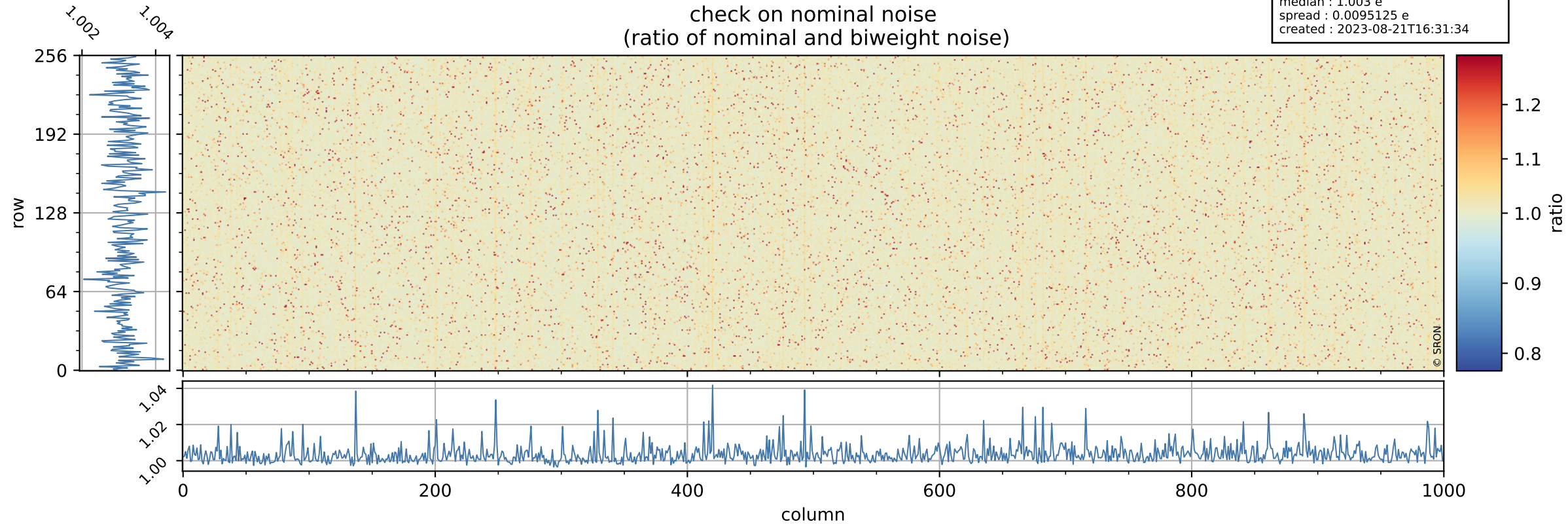
orbits : 12 in [23542, 23632]
coverage : 2022-04-30 / 2022-05-05
median : 0.99801 e
spread : 0.0077368 e
created : 2023-08-21T16:31:33



Tropomi SWIR background noise (swir)

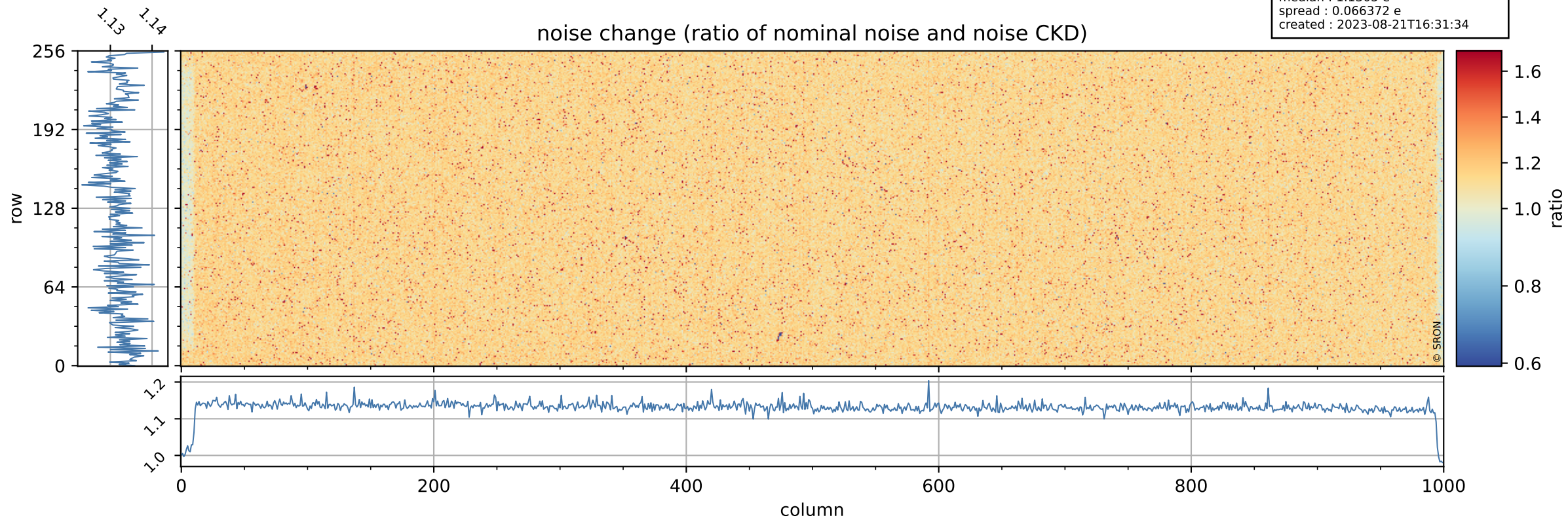
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23542, 23632]
coverage : 2022-04-30 / 2022-05-05
median : 1.003 e
spread : 0.0095125 e
created : 2023-08-21T16:31:34



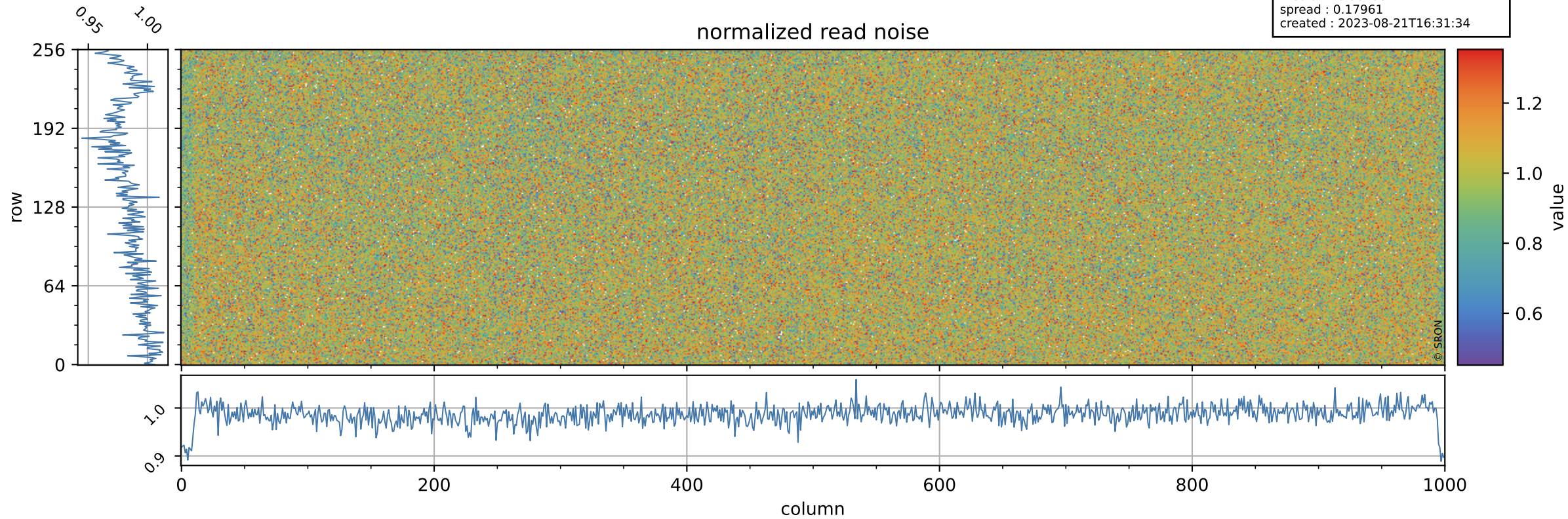
Tropomi SWIR background noise (swir)

orbits : 12 in [23542, 23632]
coverage : 2022-04-30 / 2022-05-05
median : 1.1305 e
spread : 0.066372 e
created : 2023-08-21T16:31:34



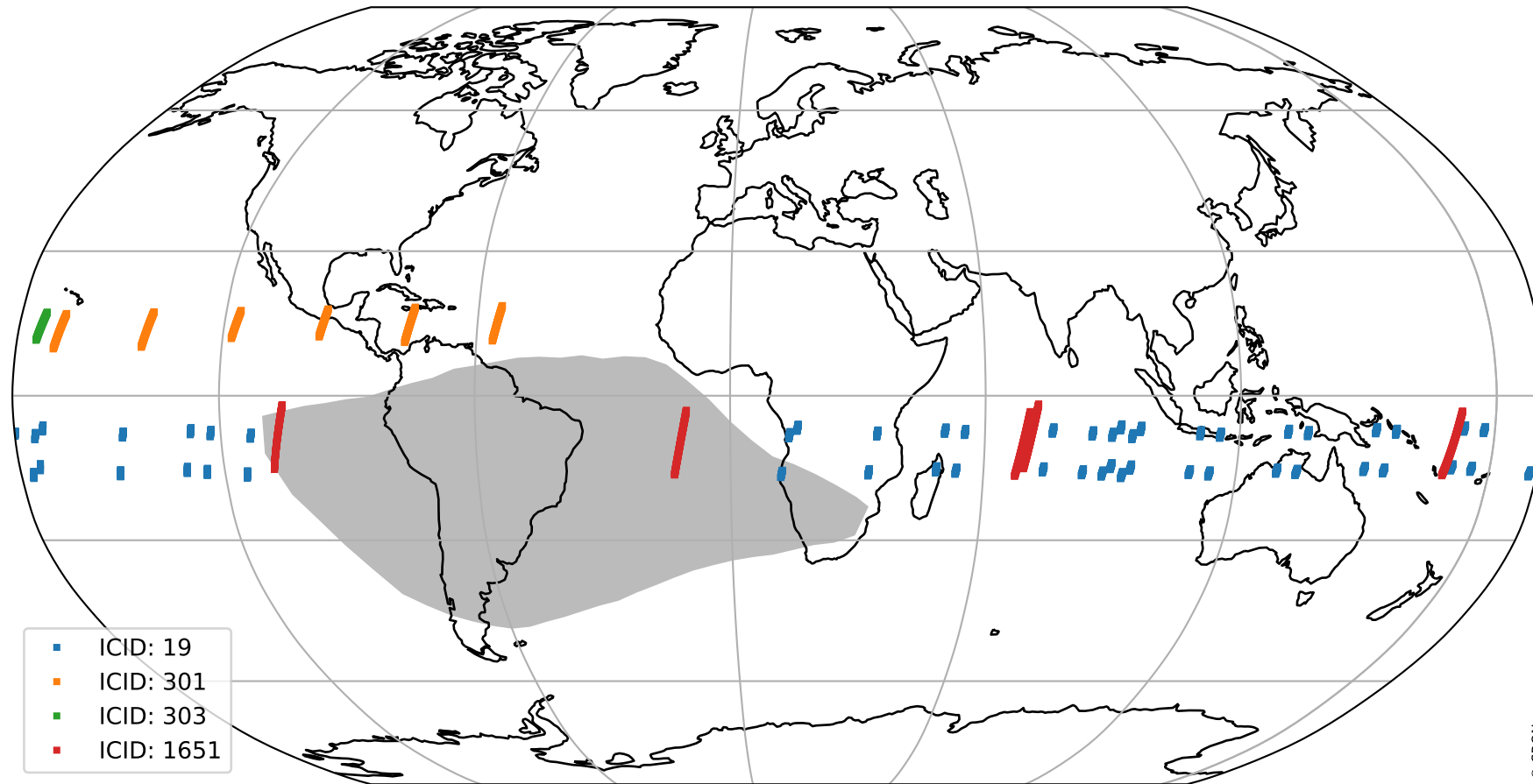
Tropomi SWIR background noise (swir)

orbits : 12 in [23542, 23632]
coverage : 2022-04-30 / 2022-05-05
median : 0.98495
spread : 0.17961
created : 2023-08-21T16:31:34



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

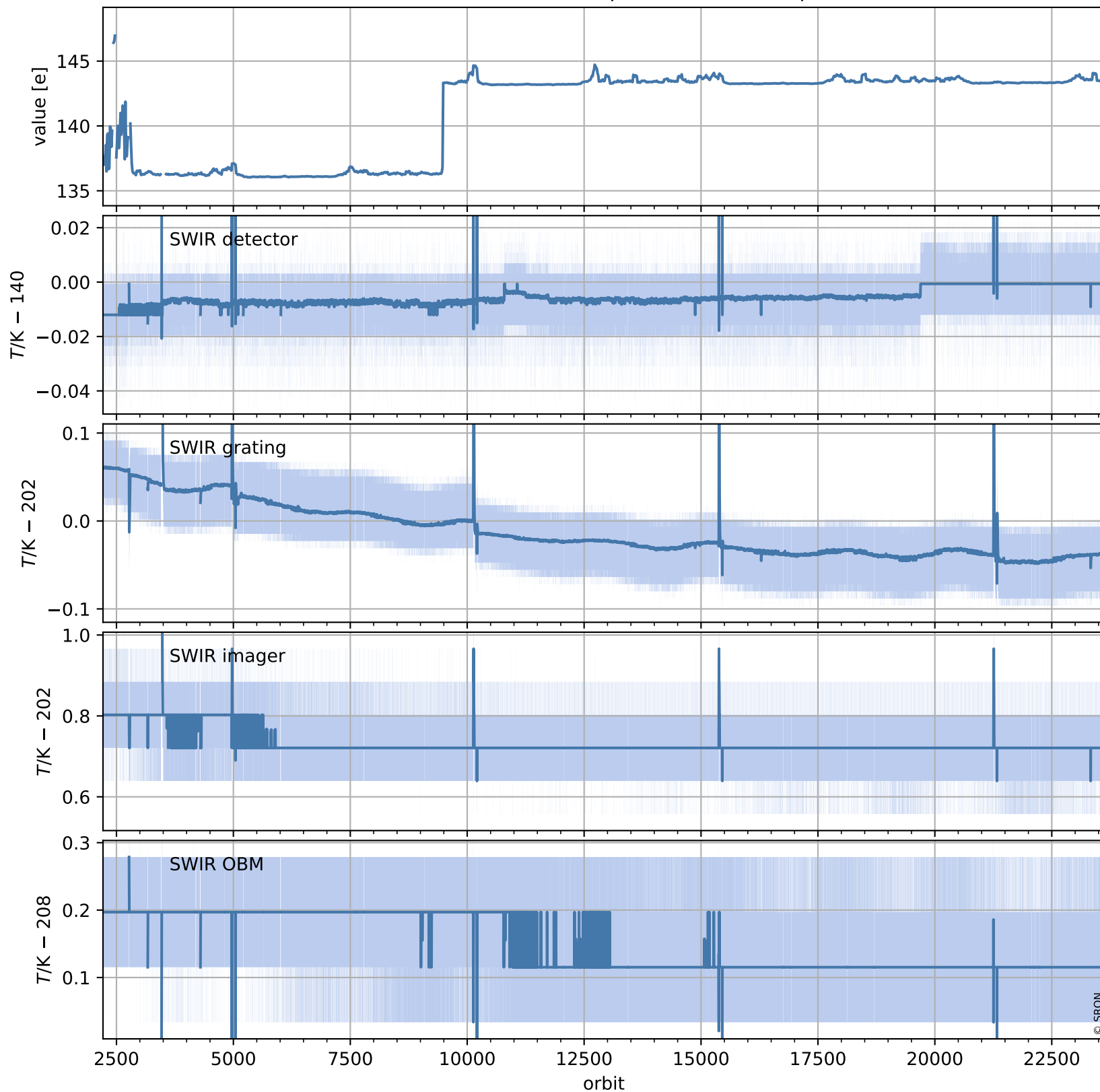
orbits : 12 in [23542, 23632]
coverage : 2022-04-30 / 2022-05-05
created : 2023-08-21T16:31:35



Tropomi SWIR background noise (swir)

orbits : [2212, 23632]
coverage : 2018-03-18 / 2022-05-05
created : 2023-08-21T16:31:35

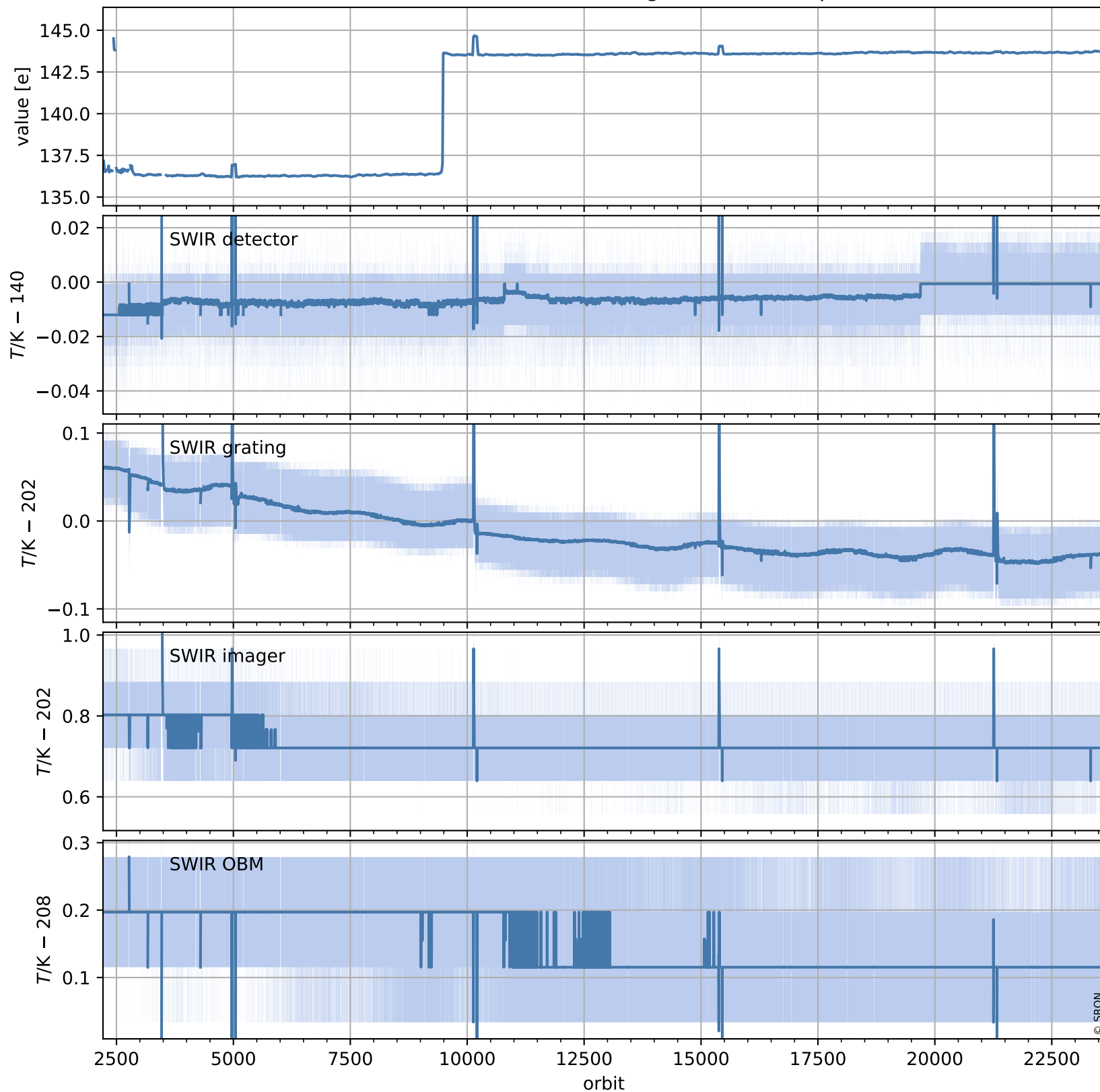
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23632]
coverage : 2018-03-18 / 2022-05-05
created : 2023-08-21T16:31:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23632]
coverage : 2018-03-18 / 2022-05-05
created : 2023-08-21T16:31:37

trend of normalized read-noise & temperatures

