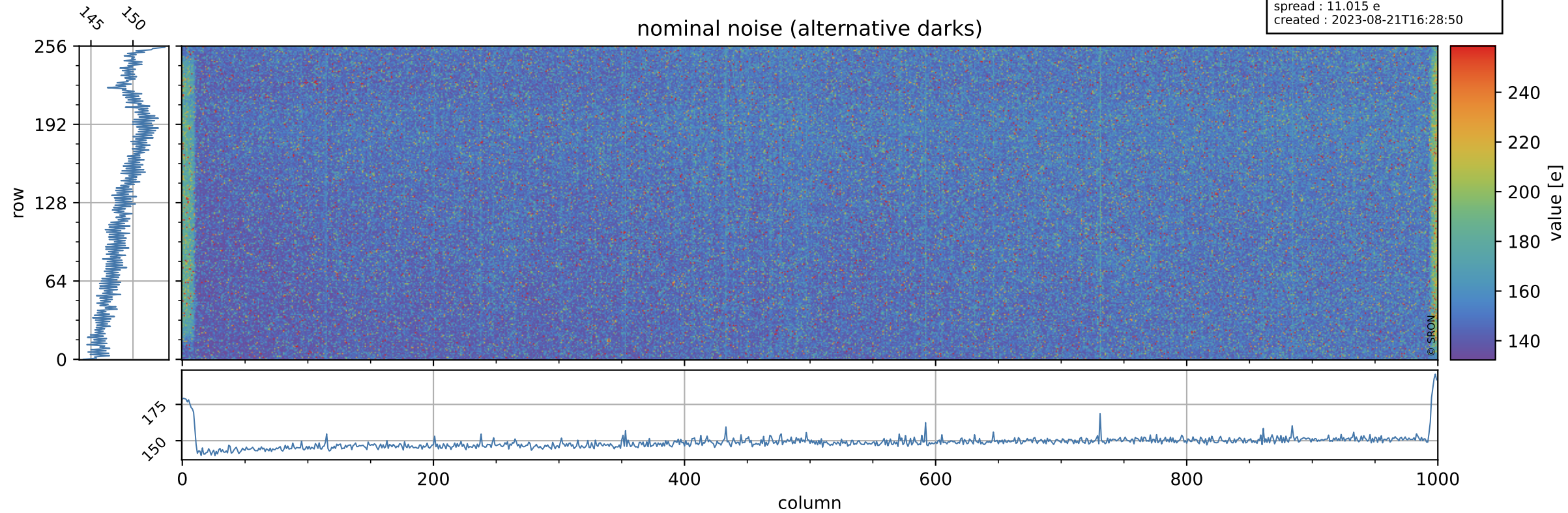


Tropomi SWIR background noise (swir)

orbits : 12 in [23122, 23212]
coverage : 2022-03-31 / 2022-04-05
n_coad, t_exp : 1, 1.0783
median : 148.76 e
spread : 11.015 e
created : 2023-08-21T16:28:50

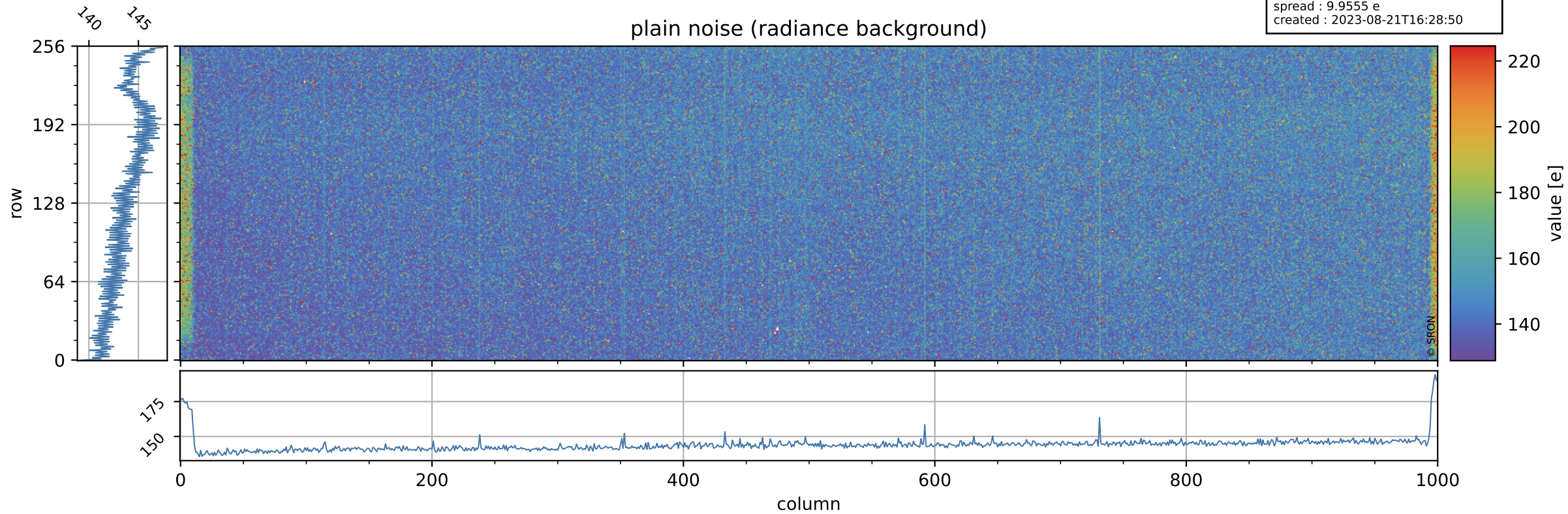
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23122, 23212]
coverage : 2022-03-31 / 2022-04-05
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.9555 e
created : 2023-08-21T16:28:50

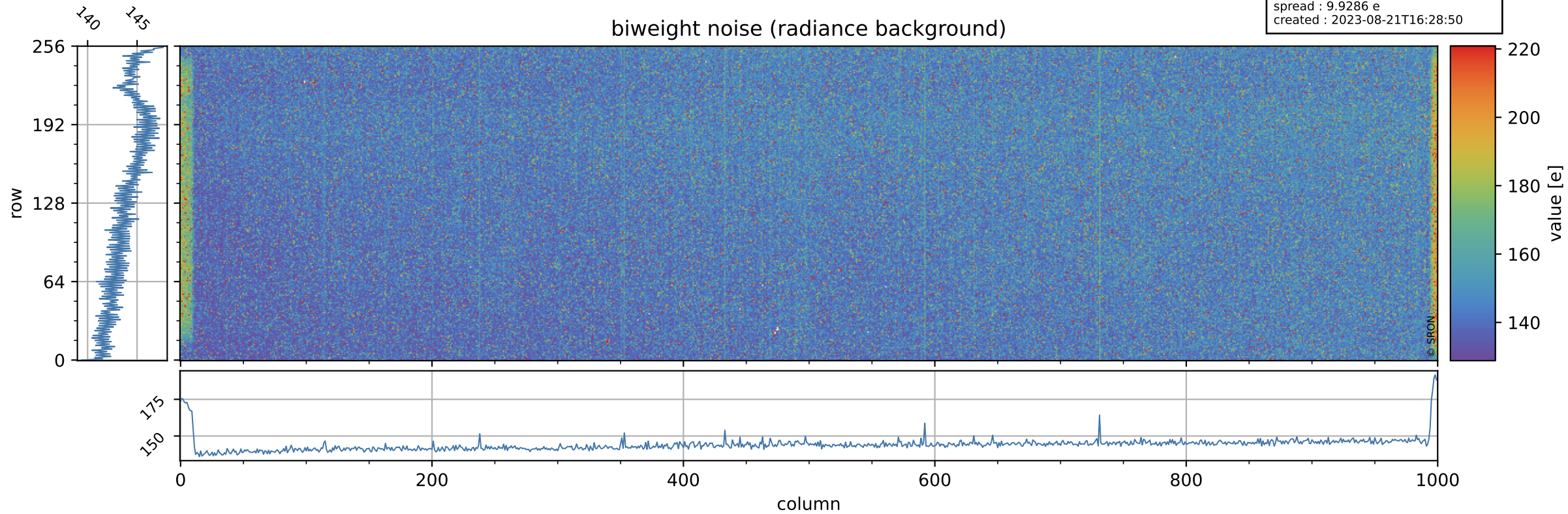
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23122, 23212]
coverage : 2022-03-31 / 2022-04-05
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.9286 e
created : 2023-08-21T16:28:50

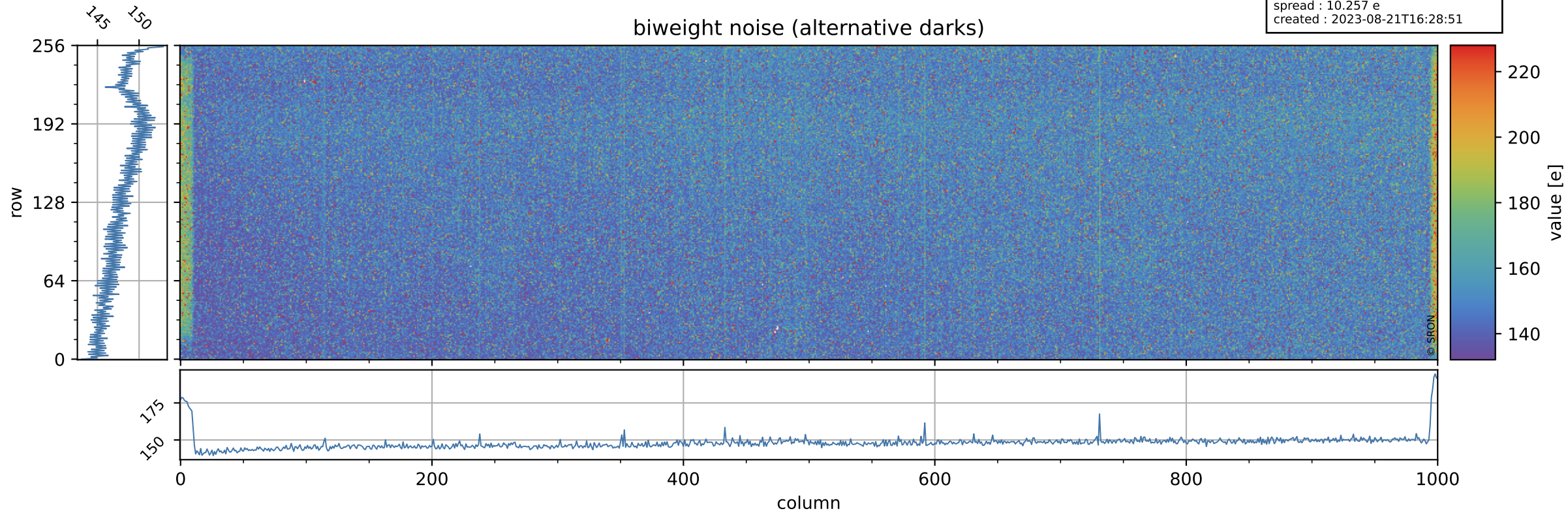
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23122, 23212]
coverage : 2022-03-31 / 2022-04-05
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.257 e
created : 2023-08-21T16:28:51

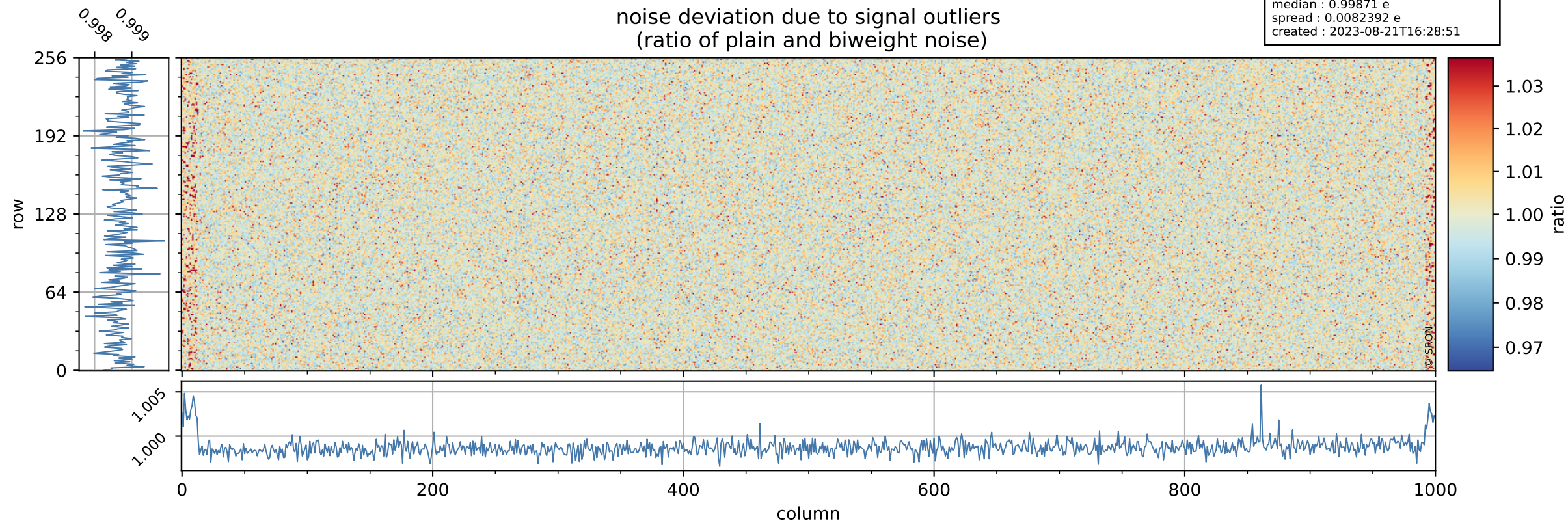
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

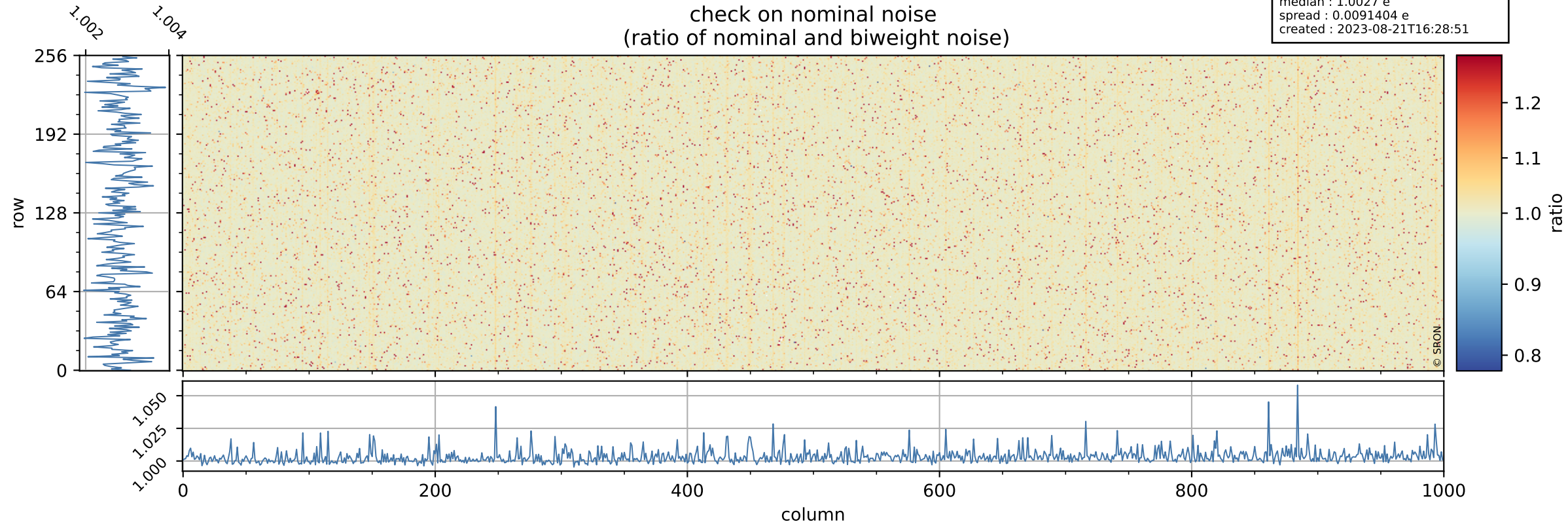
orbits : 12 in [23122, 23212]
coverage : 2022-03-31 / 2022-04-05
median : 0.99871 e
spread : 0.0082392 e
created : 2023-08-21T16:28:51



Tropomi SWIR background noise (swir)

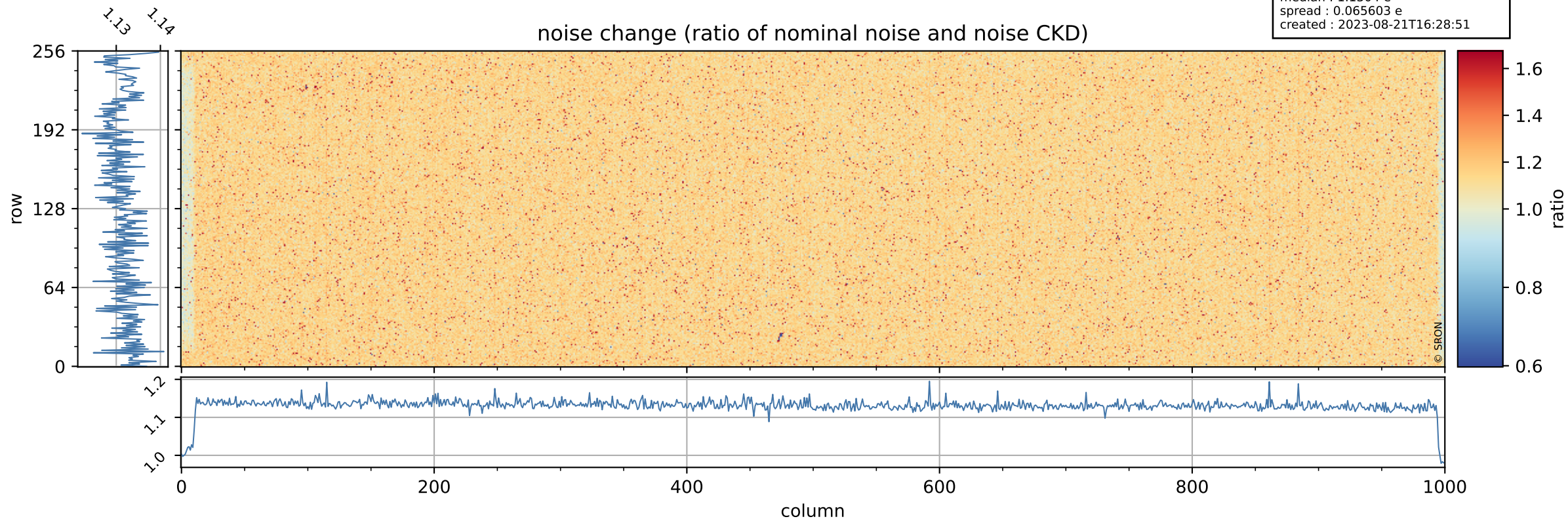
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23122, 23212]
coverage : 2022-03-31 / 2022-04-05
median : 1.0027 e
spread : 0.0091404 e
created : 2023-08-21T16:28:51



Tropomi SWIR background noise (swir)

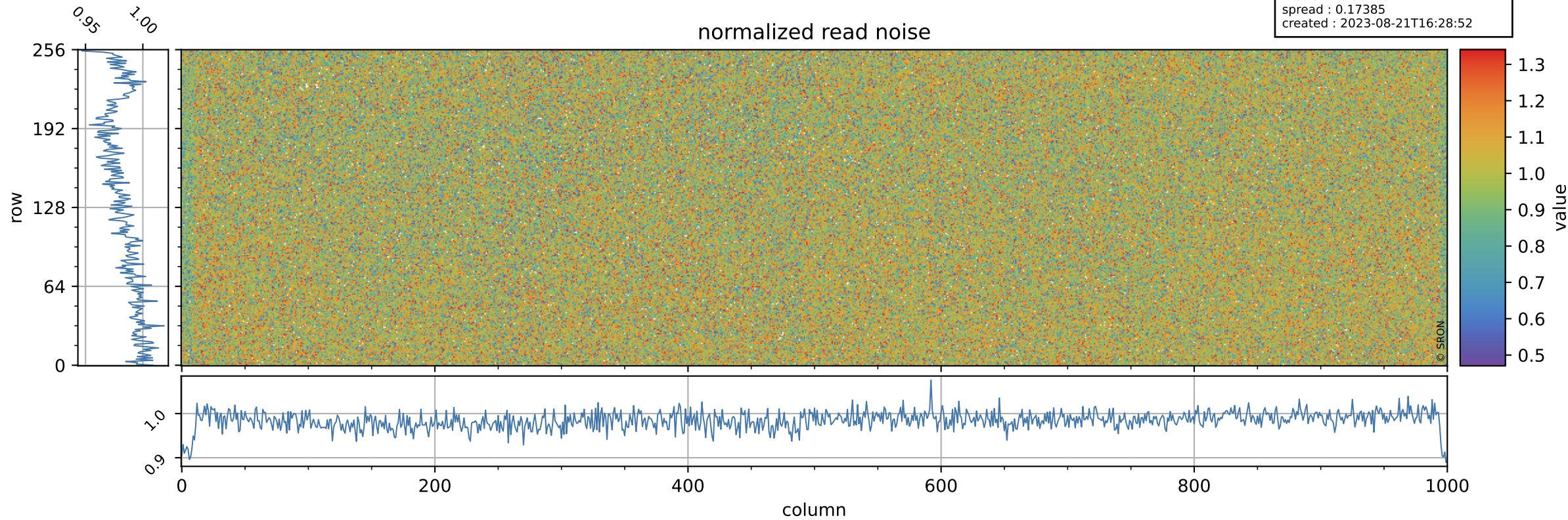
orbits : 12 in [23122, 23212]
coverage : 2022-03-31 / 2022-04-05
median : 1.1304 e
spread : 0.065603 e
created : 2023-08-21T16:28:51



Tropomi SWIR background noise (swir)

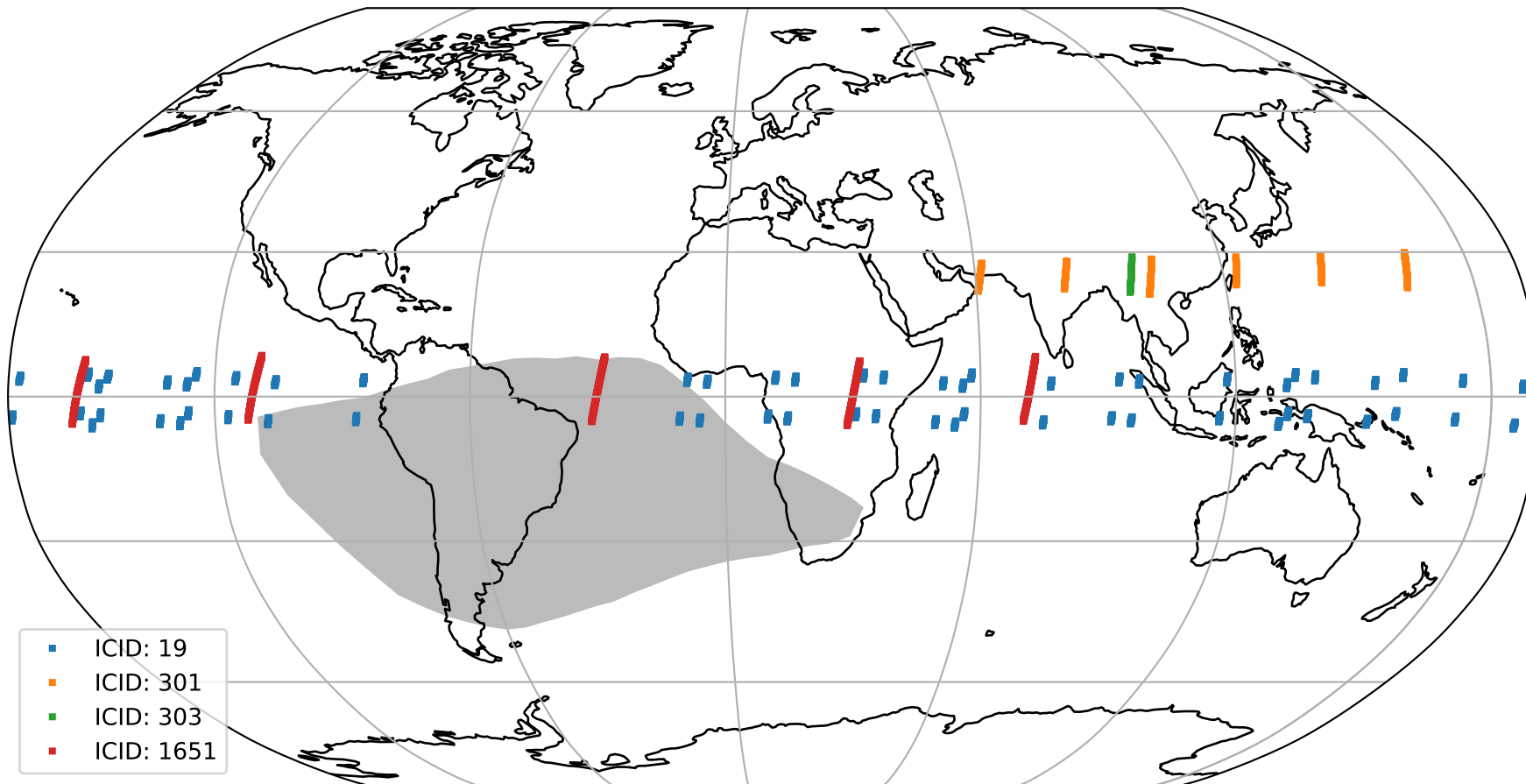
orbits : 12 in [23122, 23212]
coverage : 2022-03-31 / 2022-04-05
median : 0.98278
spread : 0.17385
created : 2023-08-21T16:28:52

normalized read noise



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

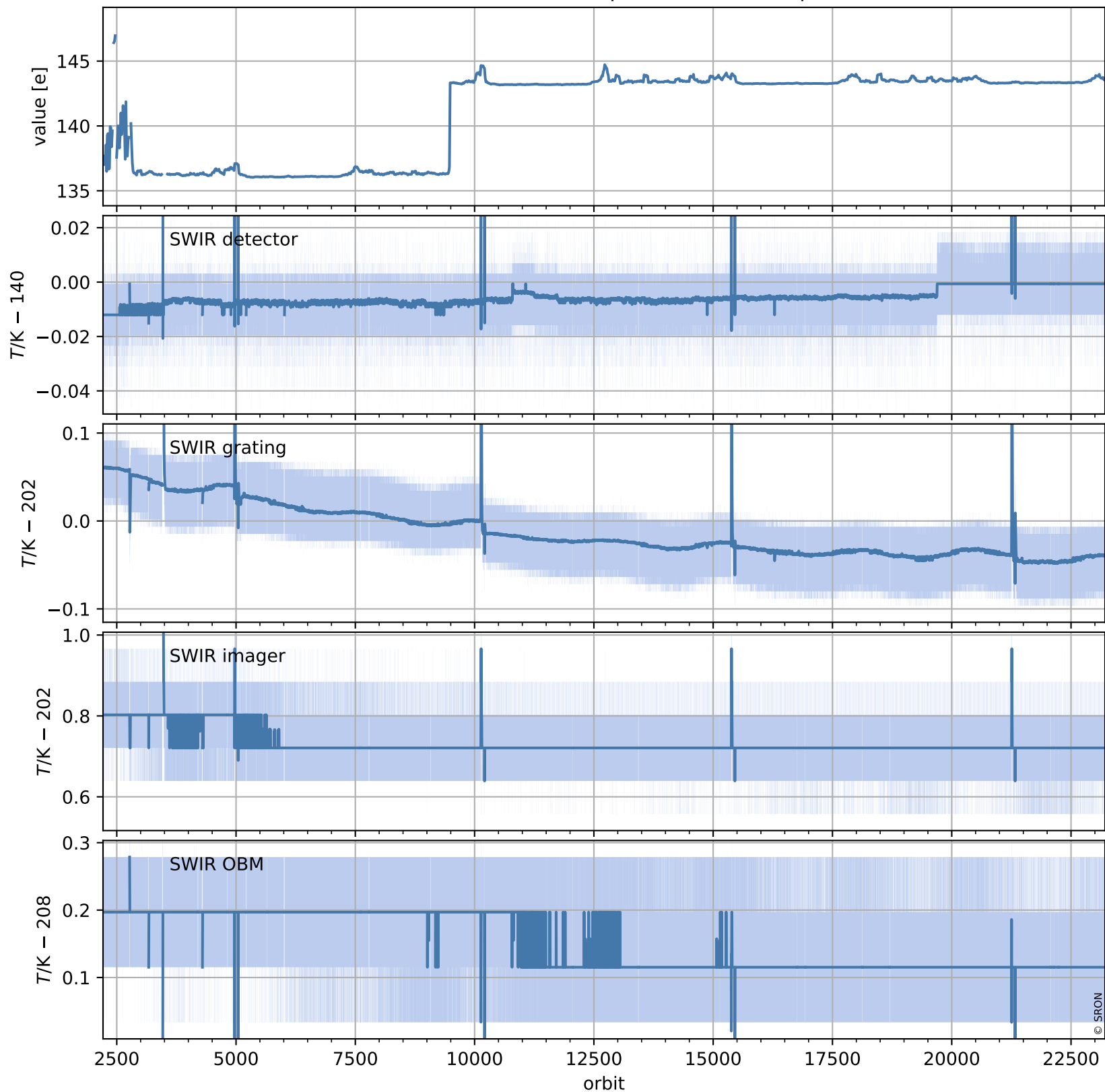
orbits : 12 in [23122, 23212]
coverage : 2022-03-31 / 2022-04-05
created : 2023-08-21T16:28:52



Tropomi SWIR background noise (swir)

orbits : [2212, 23212]
coverage : 2018-03-18 / 2022-04-05
created : 2023-08-21T16:28:52

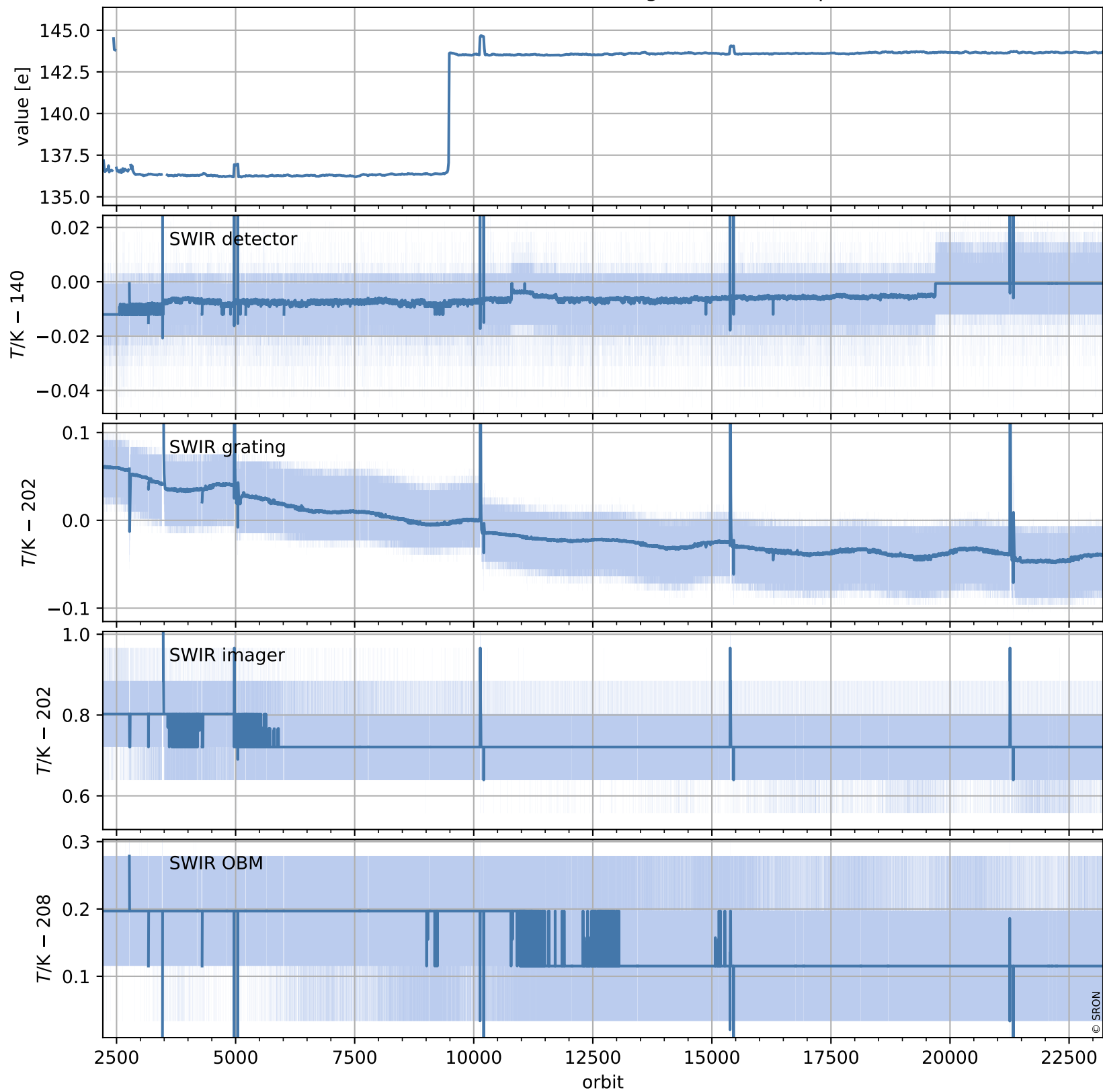
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23212]
coverage : 2018-03-18 / 2022-04-05
created : 2023-08-21T16:28:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23212]
coverage : 2018-03-18 / 2022-04-05
created : 2023-08-21T16:28:54

trend of normalized read-noise & temperatures

