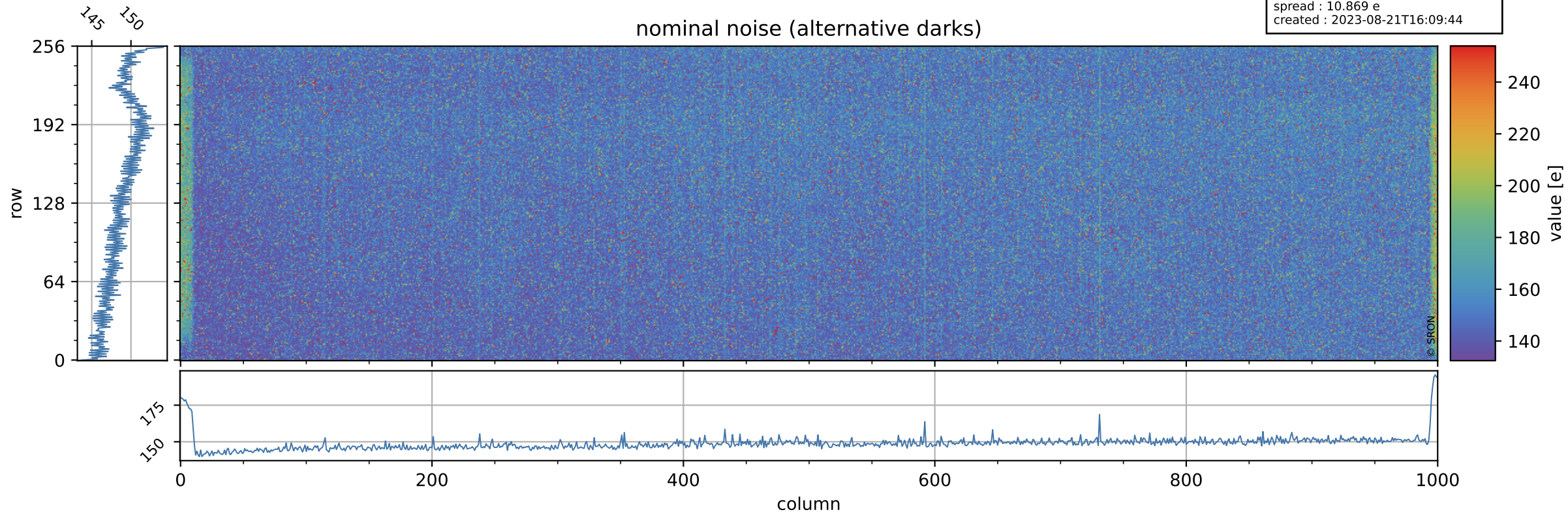


Tropomi SWIR background noise (swir)

orbits : 13 in [20092, 20167]
coverage : 2021-08-28 / 2021-09-03
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.869 e
created : 2023-08-21T16:09:44

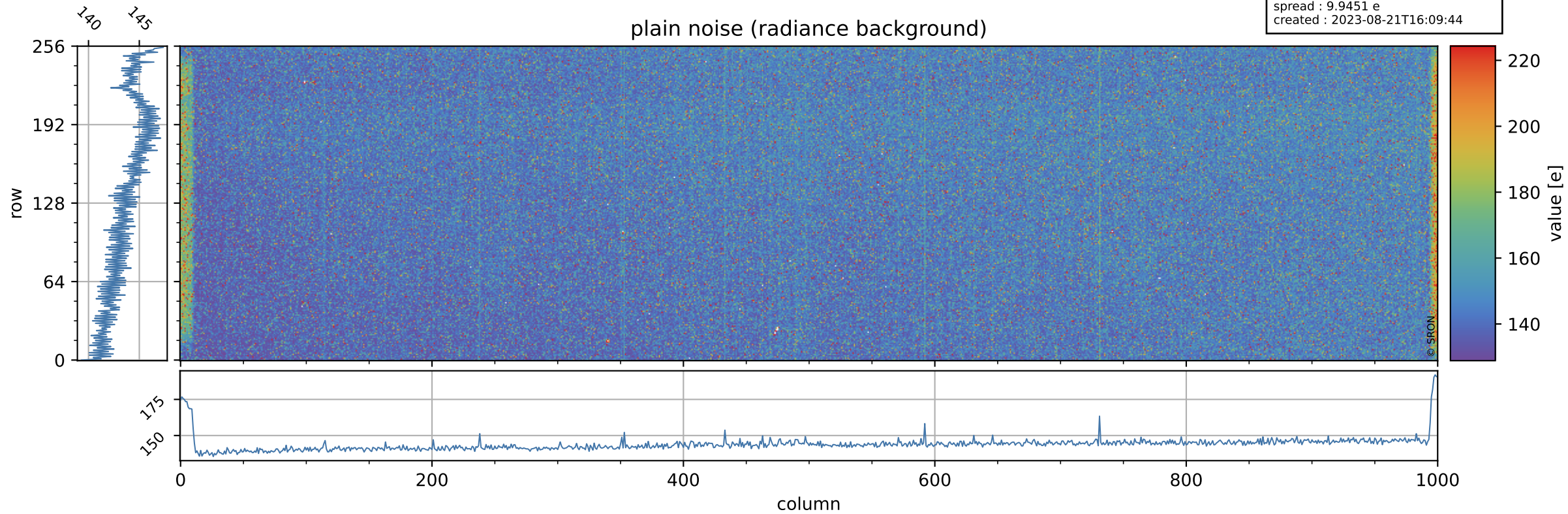
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [20092, 20167]
coverage : 2021-08-28 / 2021-09-03
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.9451 e
created : 2023-08-21T16:09:44

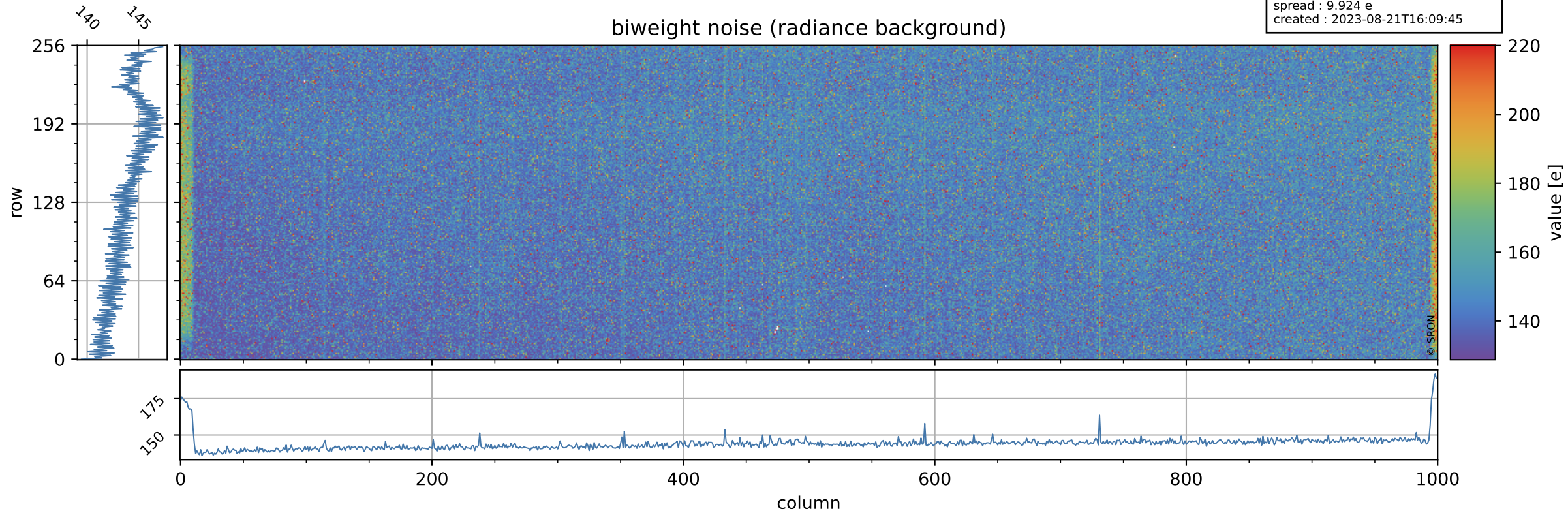
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [20092, 20167]
coverage : 2021-08-28 / 2021-09-03
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.924 e
created : 2023-08-21T16:09:45

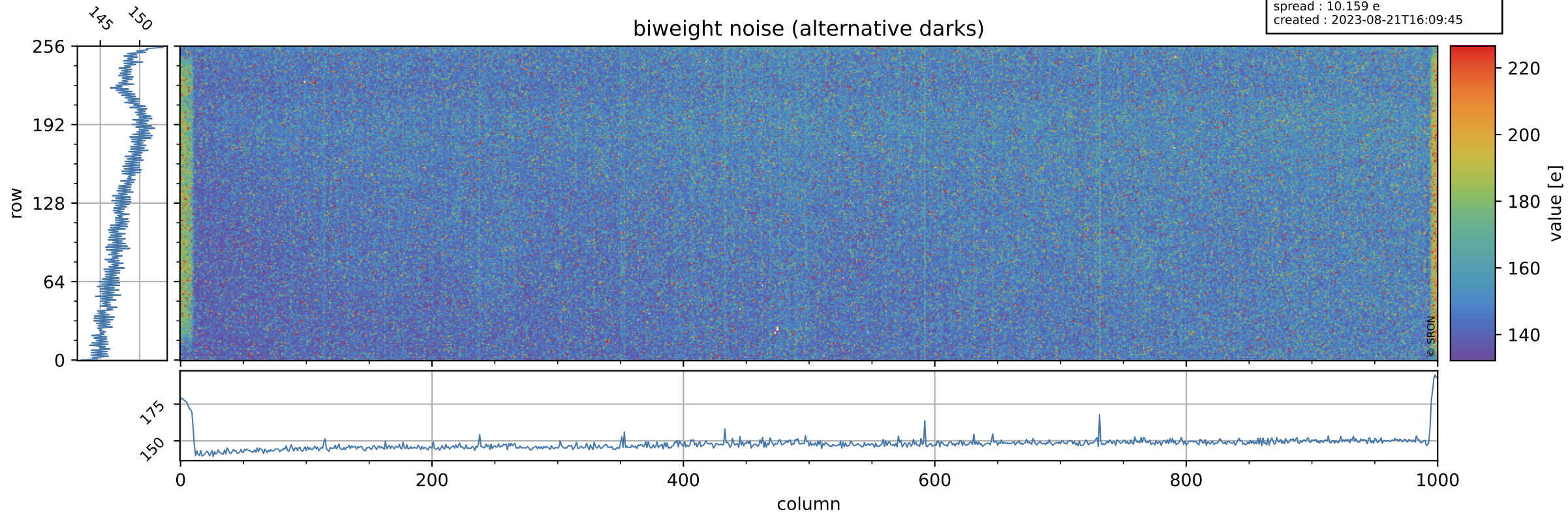
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [20092, 20167]
coverage : 2021-08-28 / 2021-09-03
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.159 e
created : 2023-08-21T16:09:45

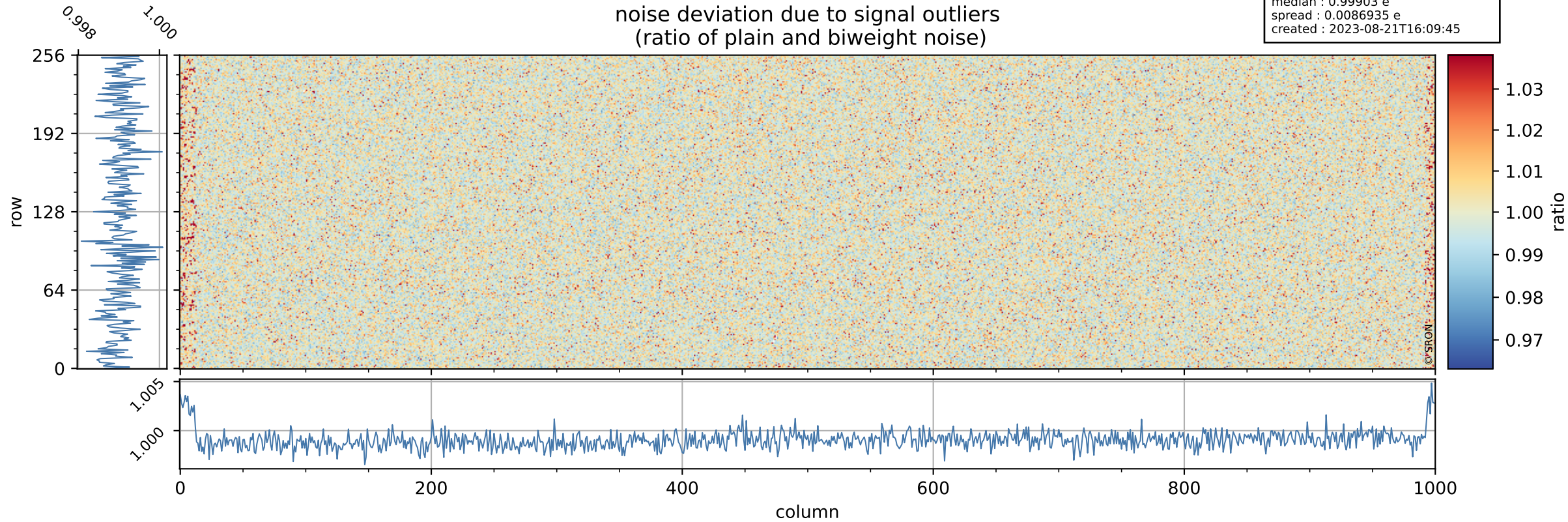
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

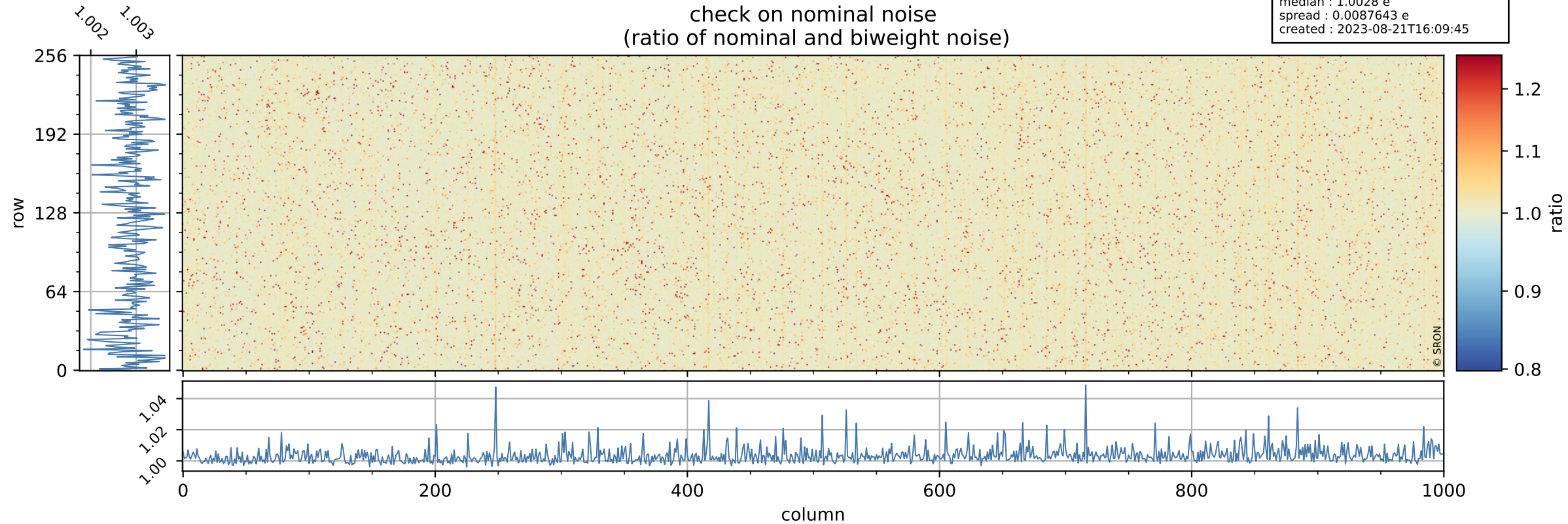
orbits : 13 in [20092, 20167]
coverage : 2021-08-28 / 2021-09-03
median : 0.99903 e
spread : 0.0086935 e
created : 2023-08-21T16:09:45



Tropomi SWIR background noise (swir)

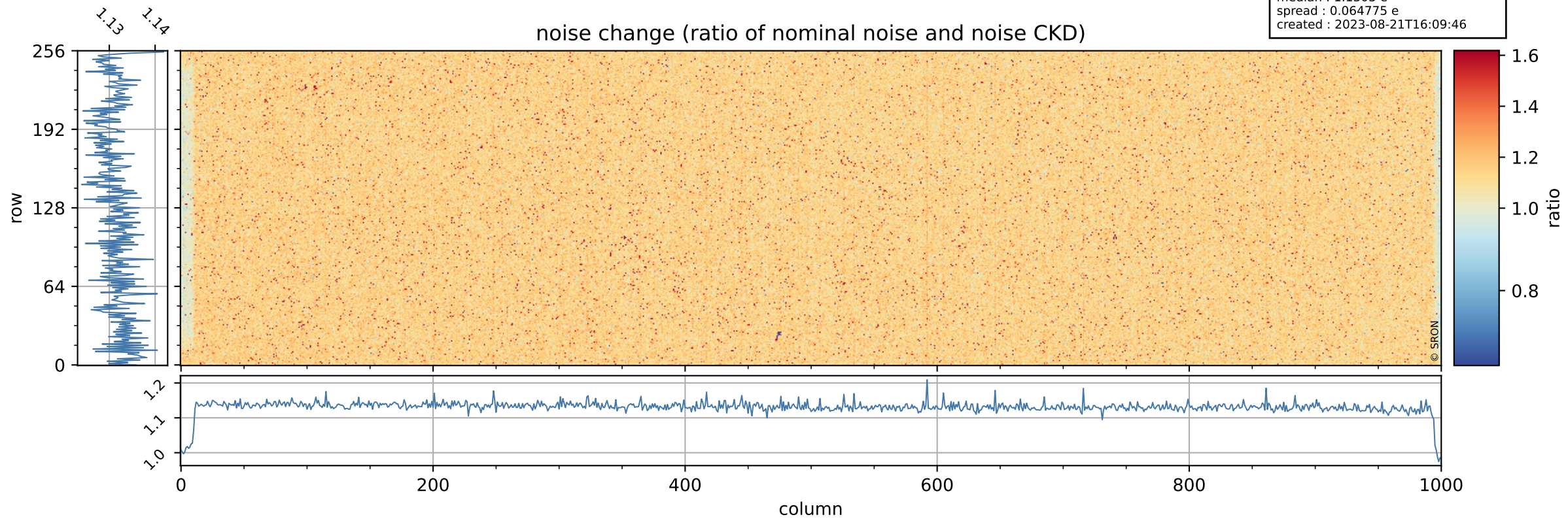
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [20092, 20167]
coverage : 2021-08-28 / 2021-09-03
median : 1.0028 e
spread : 0.0087643 e
created : 2023-08-21T16:09:45



Tropomi SWIR background noise (swir)

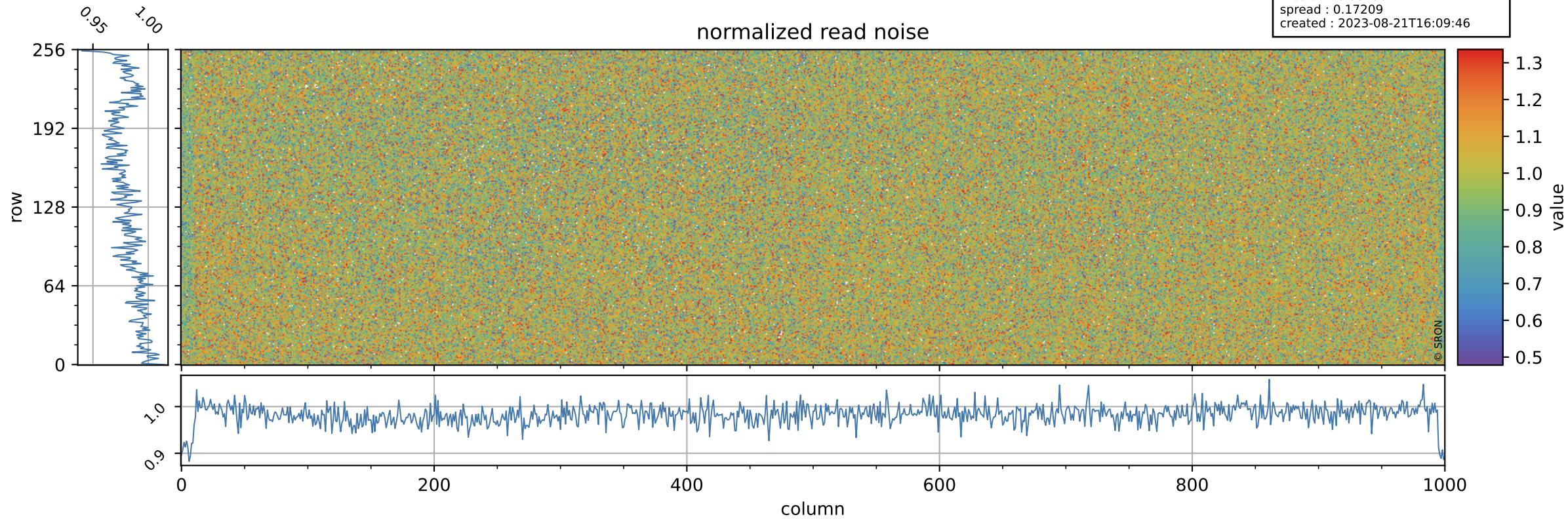
orbits : 13 in [20092, 20167]
coverage : 2021-08-28 / 2021-09-03
median : 1.1303 e
spread : 0.064775 e
created : 2023-08-21T16:09:46



Tropomi SWIR background noise (swir)

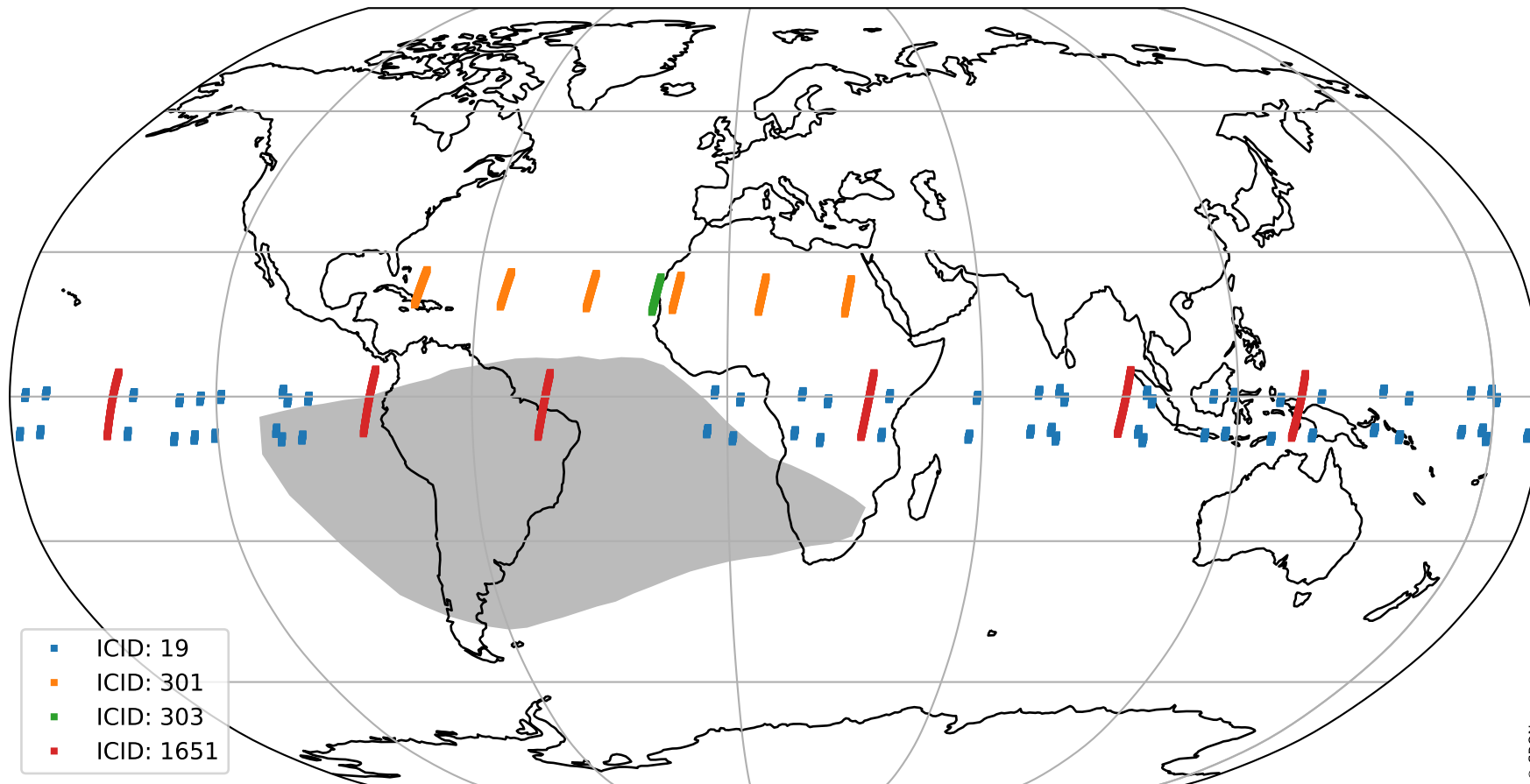
orbits : 13 in [20092, 20167]
coverage : 2021-08-28 / 2021-09-03
median : 0.98138
spread : 0.17209
created : 2023-08-21T16:09:46

normalized read noise



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

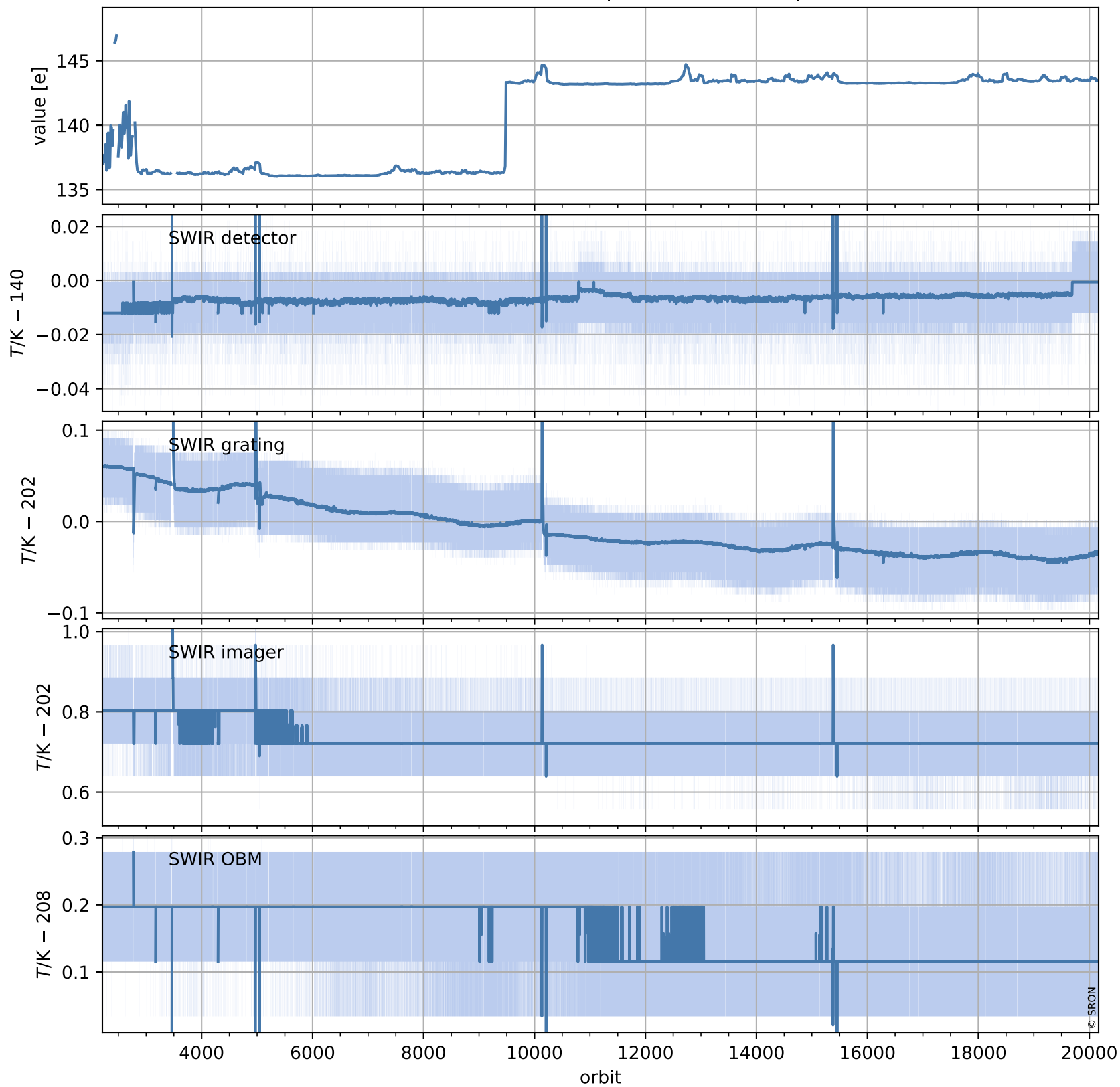
orbits : 13 in [20092, 20167]
coverage : 2021-08-28 / 2021-09-03
created : 2023-08-21T16:09:46



Tropomi SWIR background noise (swir)

orbits : [2212, 20167]
coverage : 2018-03-18 / 2021-09-03
created : 2023-08-21T16:09:47

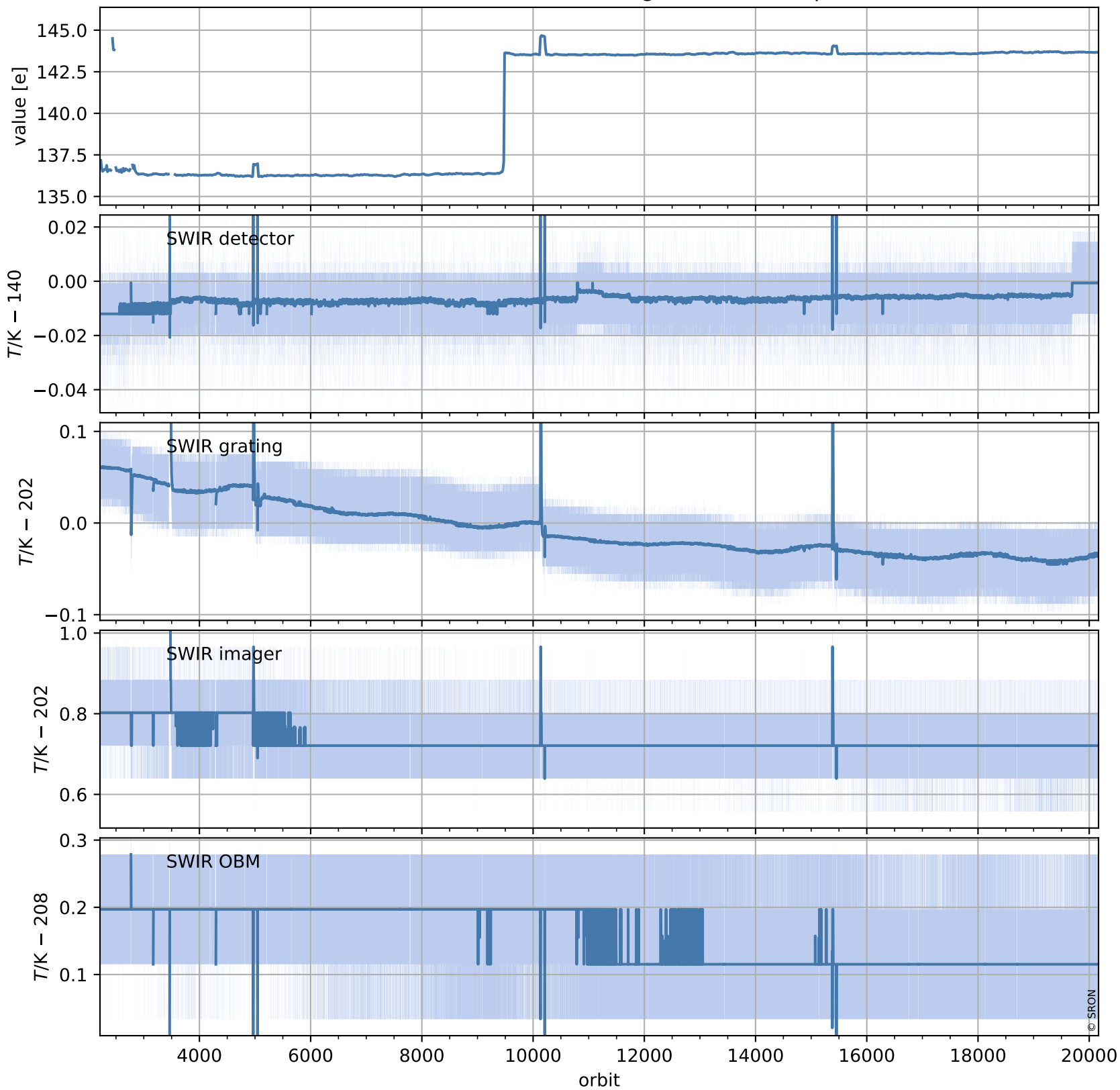
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20167]
coverage : 2018-03-18 / 2021-09-03
created : 2023-08-21T16:09:48

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20167]
coverage : 2018-03-18 / 2021-09-03
created : 2023-08-21T16:09:48

trend of normalized read-noise & temperatures

