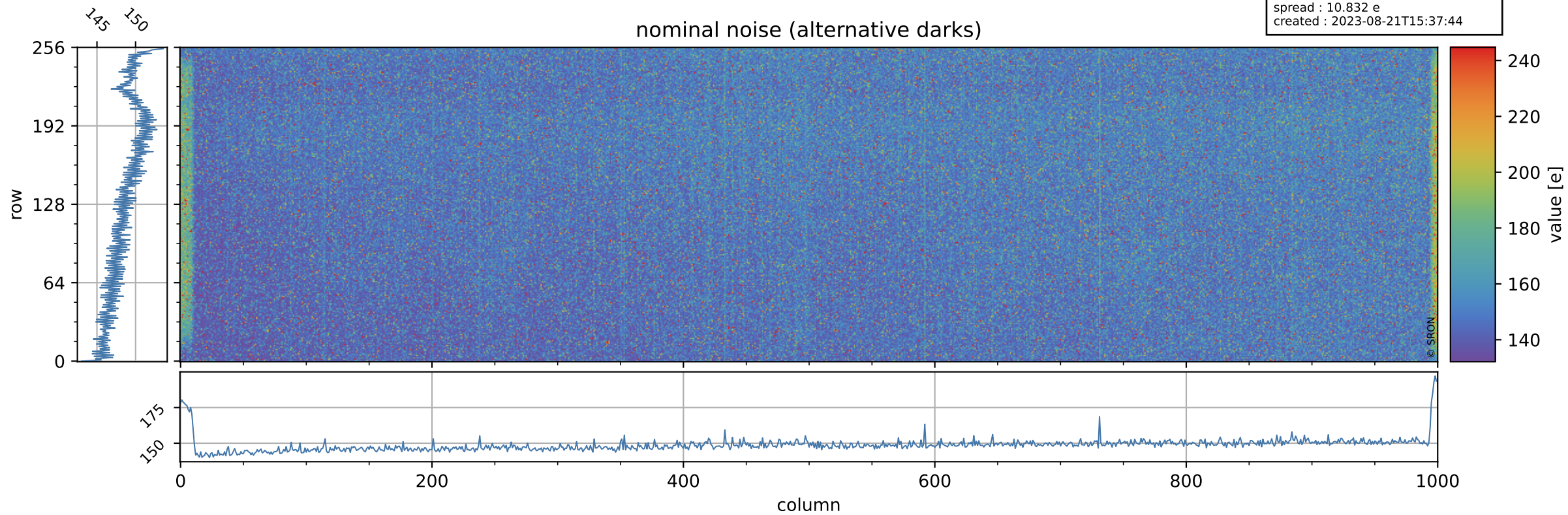


Tropomi SWIR background noise (swir)

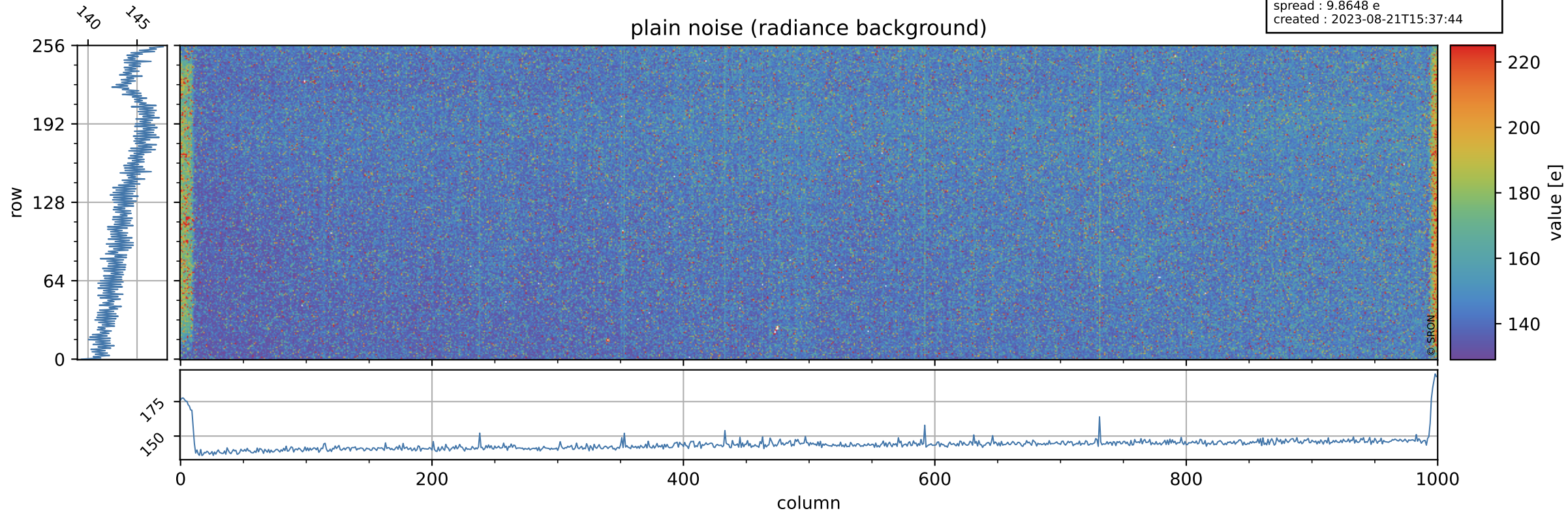
orbits : 12 in [14572, 14662]
coverage : 2020-08-05 / 2020-08-11
n_coad, t_exp : 1, 1.0783
median : 148.56 e
spread : 10.832 e
created : 2023-08-21T15:37:44



Tropomi SWIR background noise (swir)

orbits : 12 in [14572, 14662]
coverage : 2020-08-05 / 2020-08-11
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.8648 e
created : 2023-08-21T15:37:44

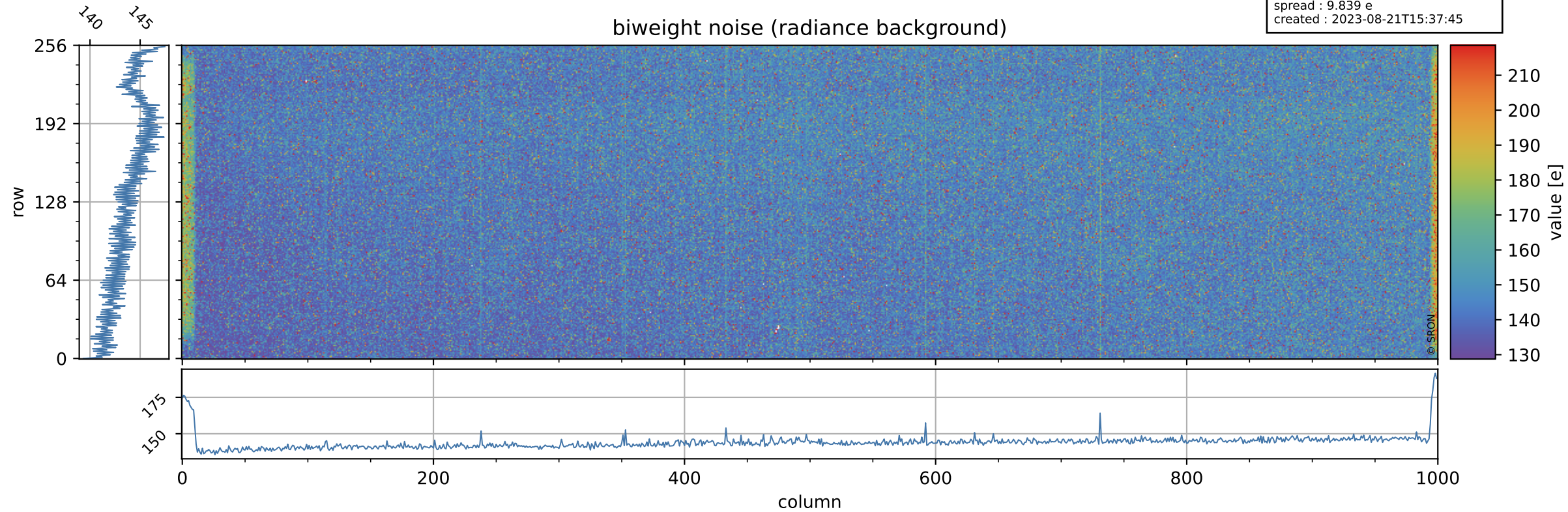
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14572, 14662]
coverage : 2020-08-05 / 2020-08-11
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.839 e
created : 2023-08-21T15:37:45

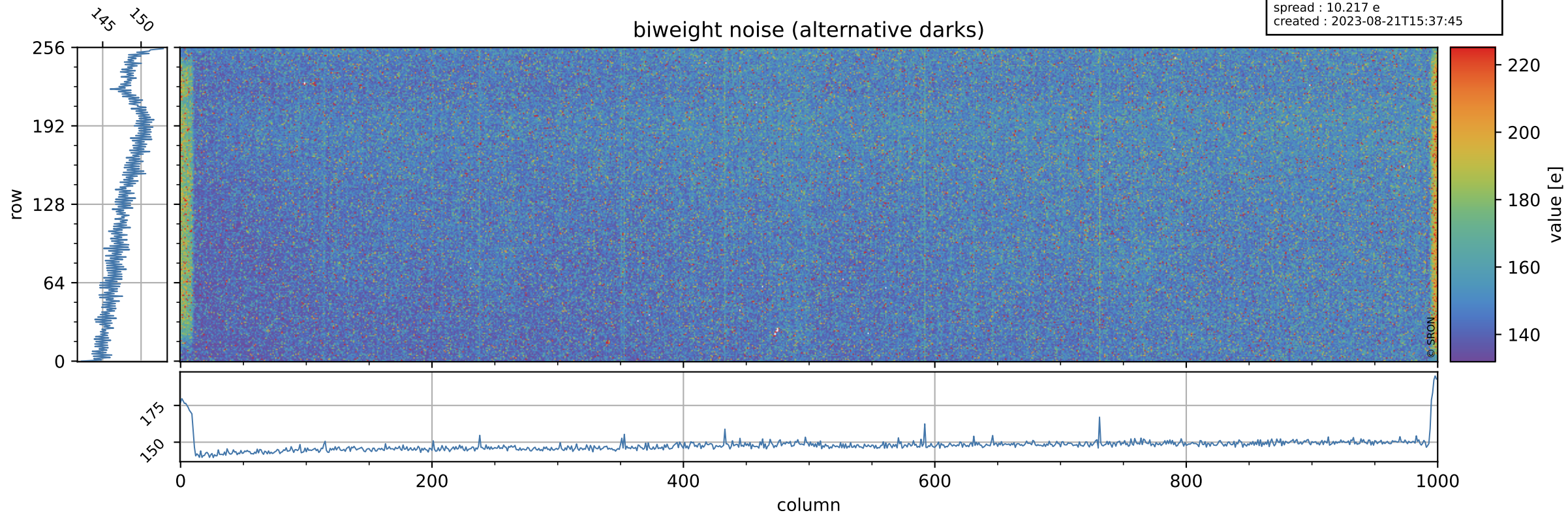
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14572, 14662]
coverage : 2020-08-05 / 2020-08-11
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.217 e
created : 2023-08-21T15:37:45

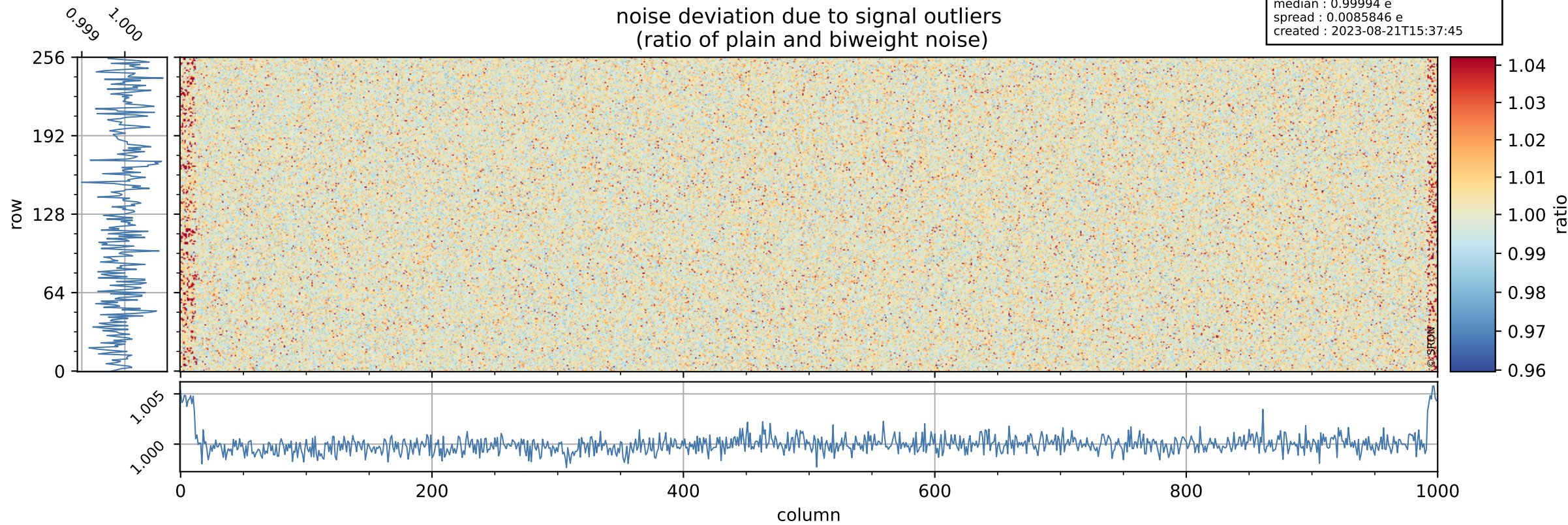
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

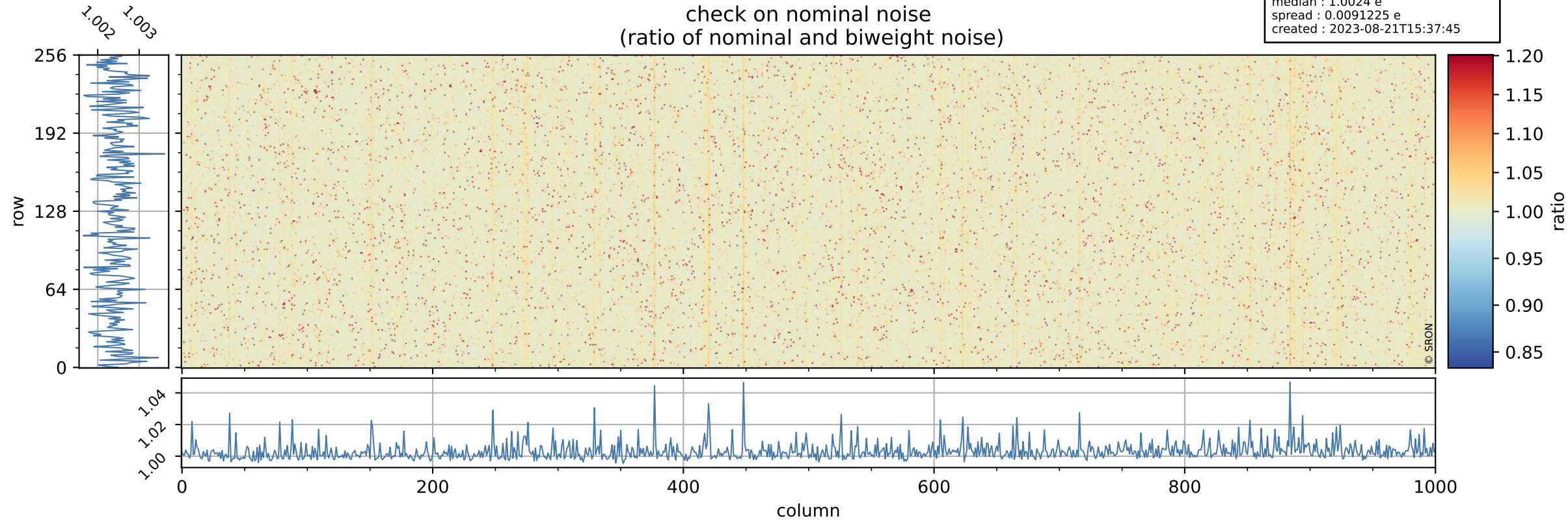
orbits : 12 in [14572, 14662]
coverage : 2020-08-05 / 2020-08-11
median : 0.99994 e
spread : 0.0085846 e
created : 2023-08-21T15:37:45



Tropomi SWIR background noise (swir)

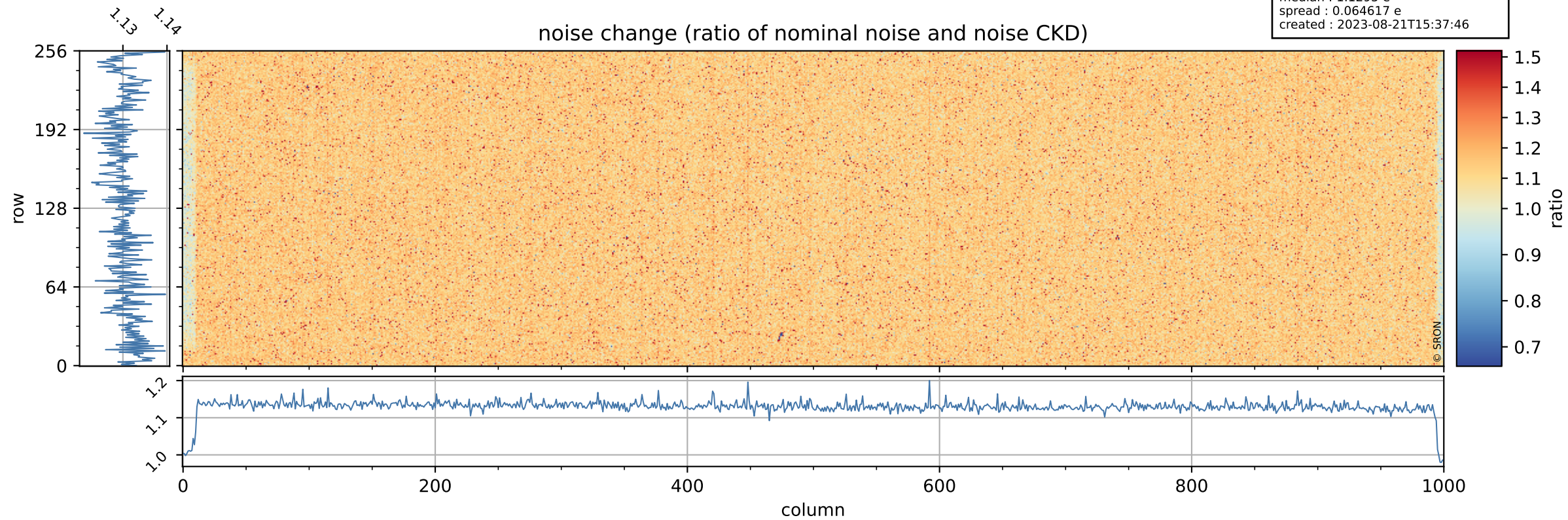
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14572, 14662]
coverage : 2020-08-05 / 2020-08-11
median : 1.0024 e
spread : 0.0091225 e
created : 2023-08-21T15:37:45



Tropomi SWIR background noise (swir)

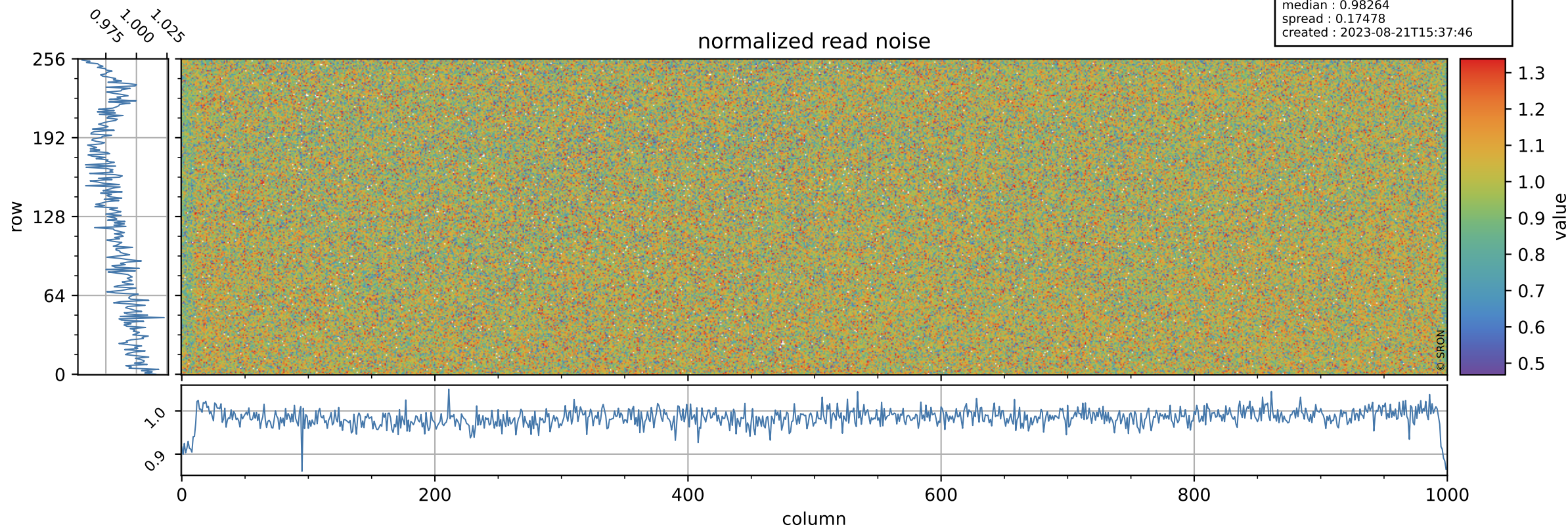
orbits : 12 in [14572, 14662]
coverage : 2020-08-05 / 2020-08-11
median : 1.1295 e
spread : 0.064617 e
created : 2023-08-21T15:37:46



Tropomi SWIR background noise (swir)

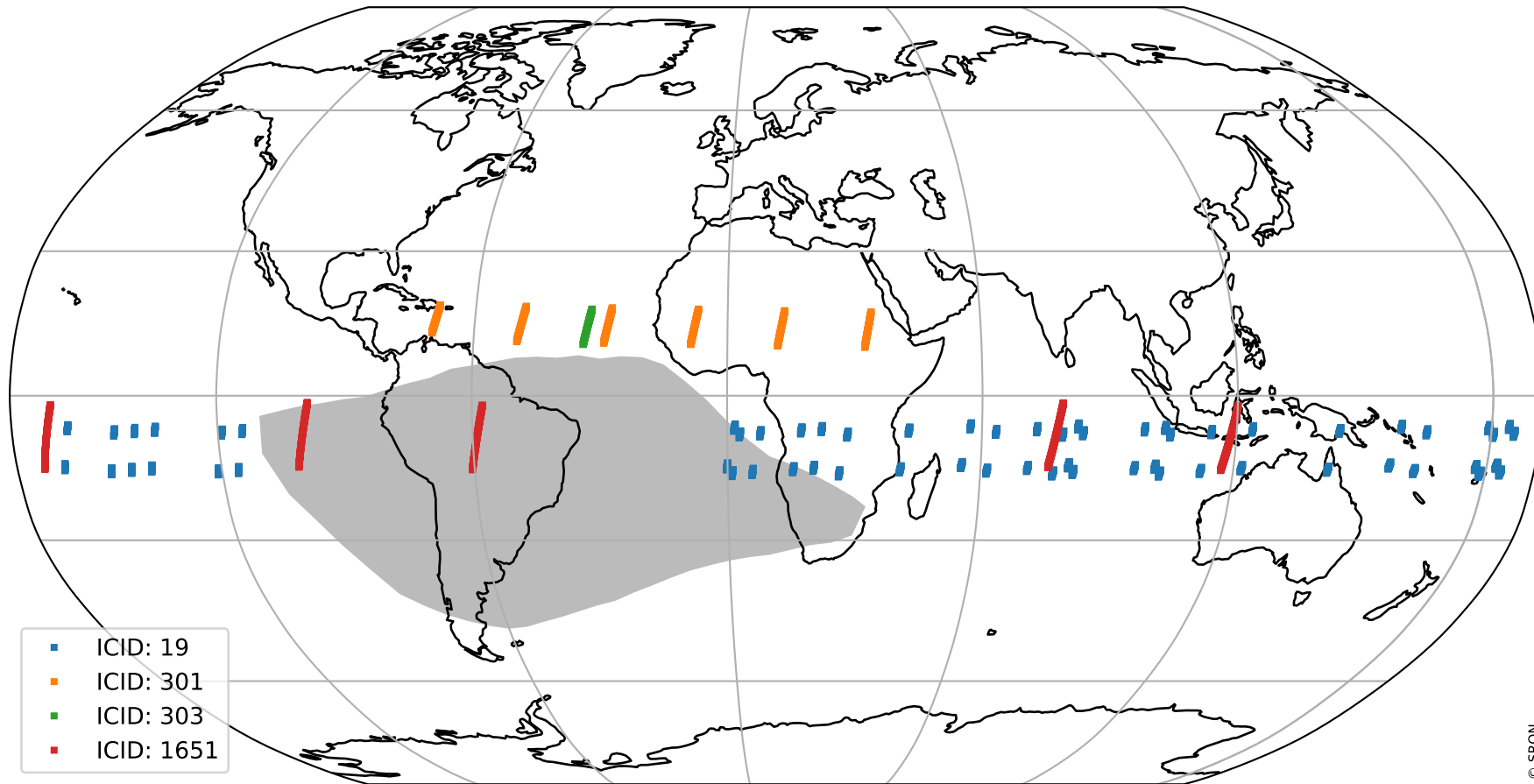
orbits : 12 in [14572, 14662]
coverage : 2020-08-05 / 2020-08-11
median : 0.98264
spread : 0.17478
created : 2023-08-21T15:37:46

normalized read noise



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

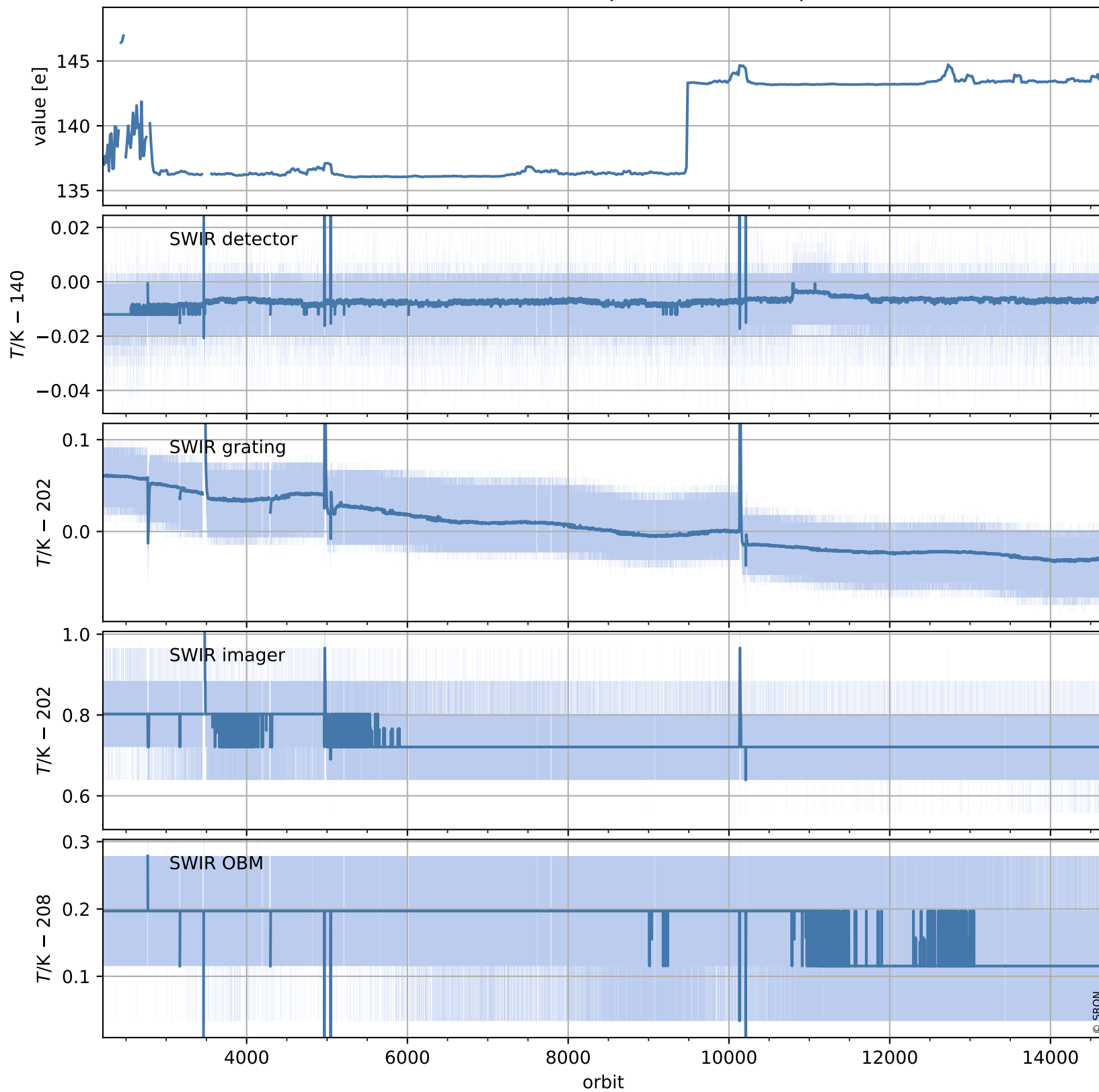
orbits : 12 in [14572, 14662]
coverage : 2020-08-05 / 2020-08-11
created : 2023-08-21T15:37:46



Tropomi SWIR background noise (swir)

orbits : [2212, 14662]
coverage : 2018-03-18 / 2020-08-11
created : 2023-08-21T15:37:47

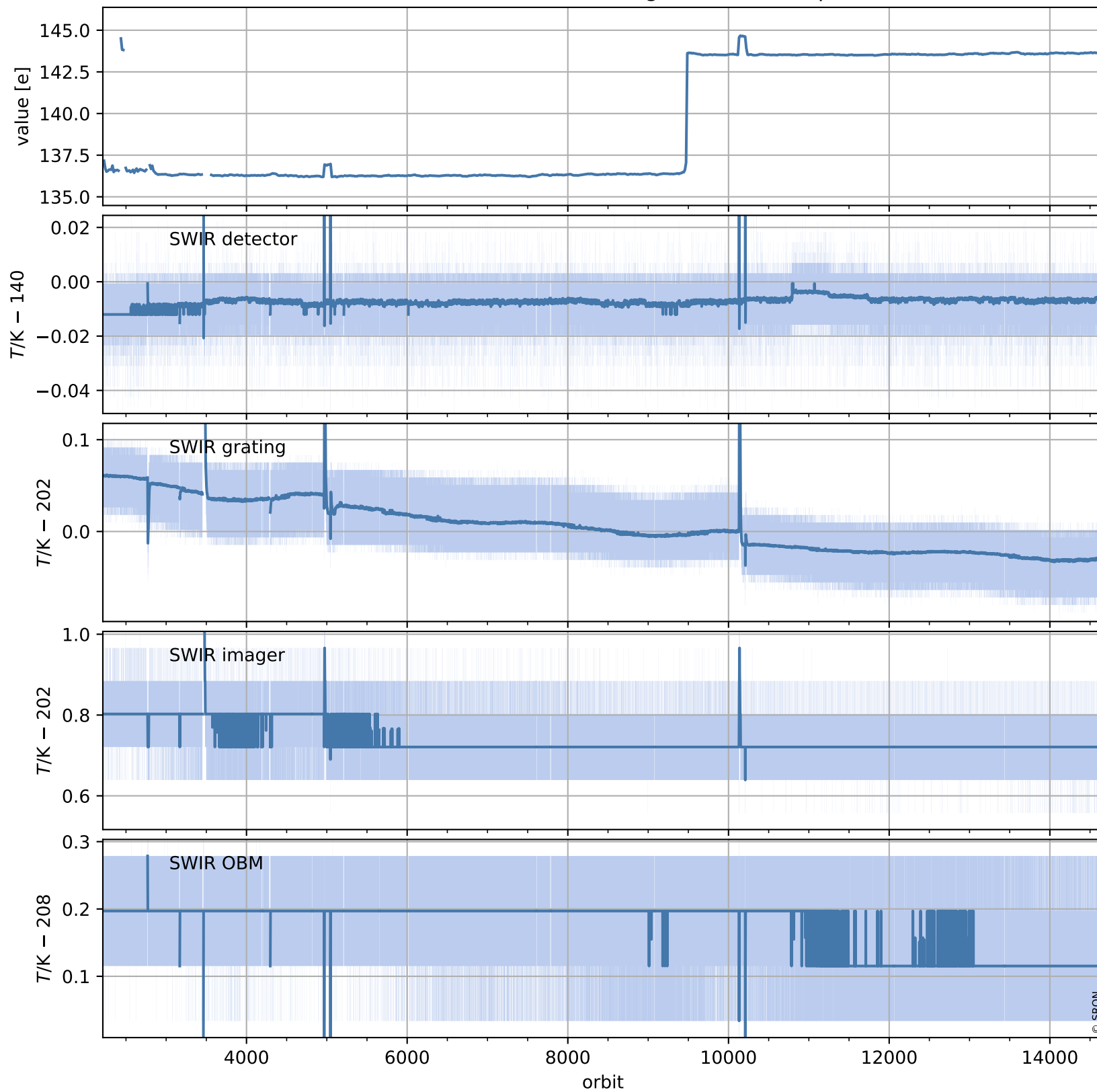
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14662]
coverage : 2018-03-18 / 2020-08-11
created : 2023-08-21T15:37:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14662]
coverage : 2018-03-18 / 2020-08-11
created : 2023-08-21T15:37:48

trend of normalized read-noise & temperatures

