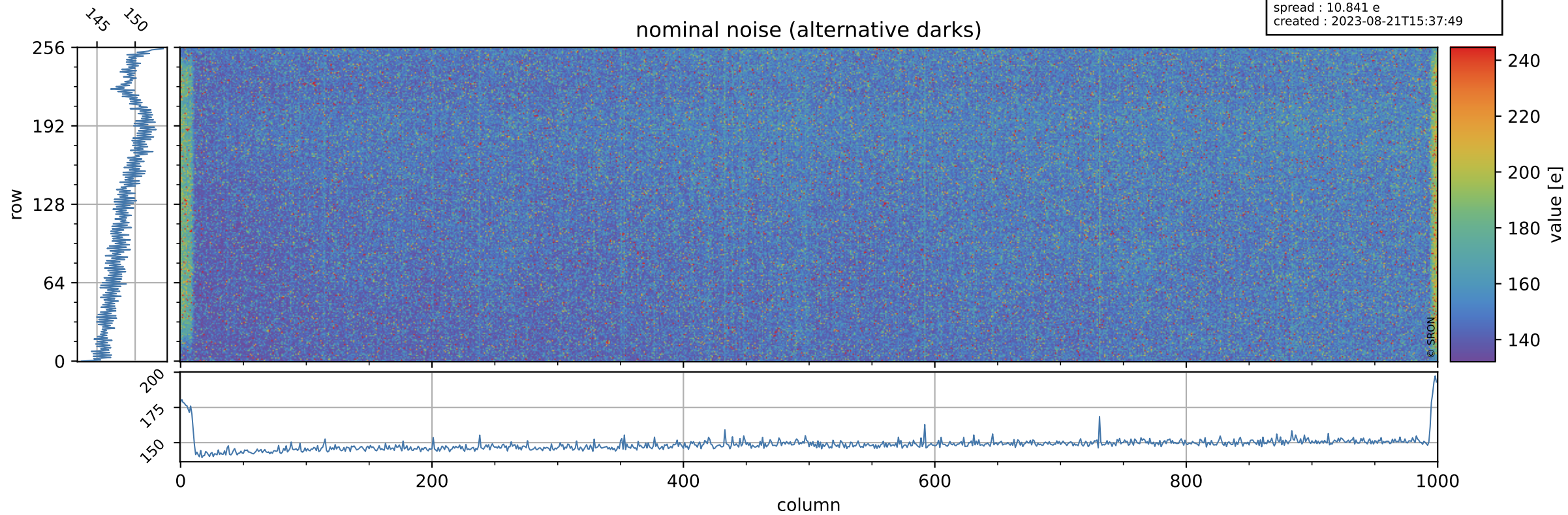


Tropomi SWIR background noise (swir)

orbits : 12 in [14602, 14677]
coverage : 2020-08-06 / 2020-08-12
n_coad, t_exp : 1, 1.0783
median : 148.54 e
spread : 10.841 e
created : 2023-08-21T15:37:49

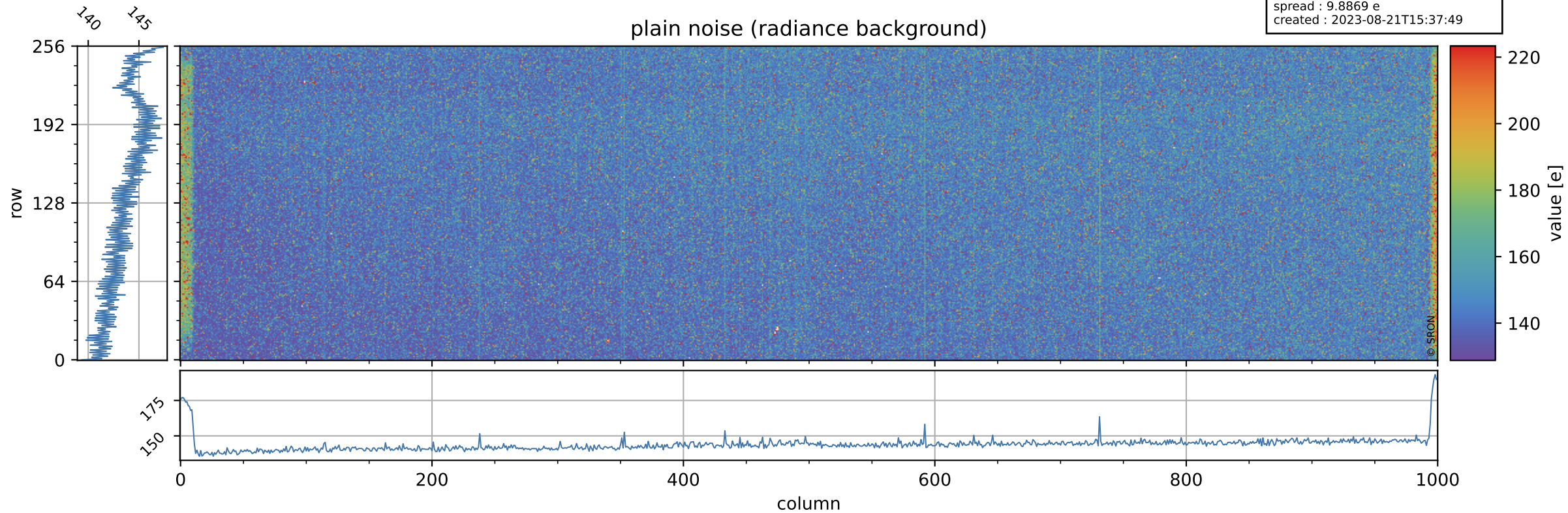
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14602, 14677]
coverage : 2020-08-06 / 2020-08-12
n_coad, t_exp : 1, 0.8383
median : 143.58 e
spread : 9.8869 e
created : 2023-08-21T15:37:49

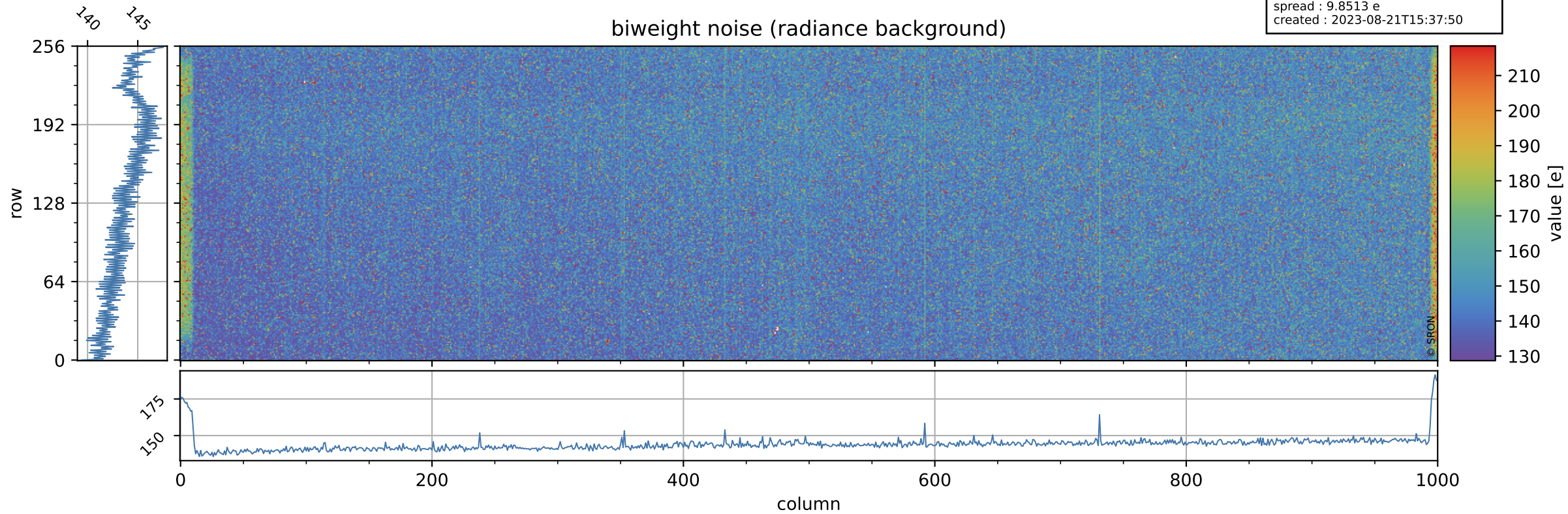
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14602, 14677]
coverage : 2020-08-06 / 2020-08-12
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.8513 e
created : 2023-08-21T15:37:50

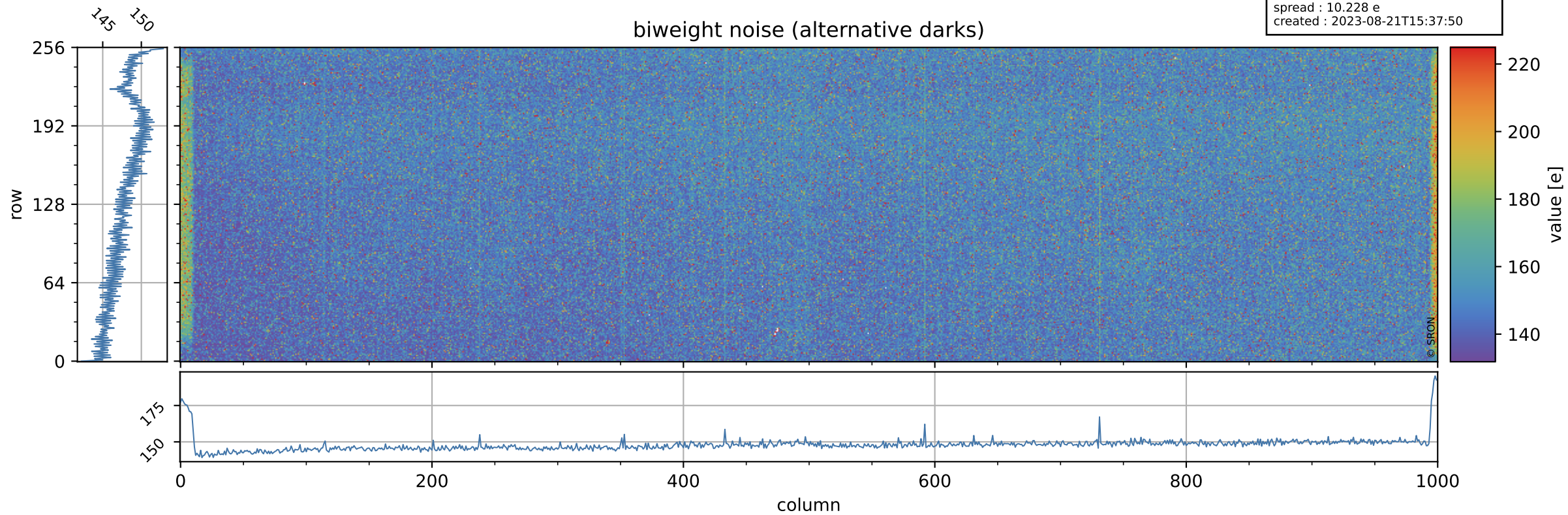
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14602, 14677]
coverage : 2020-08-06 / 2020-08-12
n_coad, t_exp : 1, 1.0783
median : 147.69 e
spread : 10.228 e
created : 2023-08-21T15:37:50

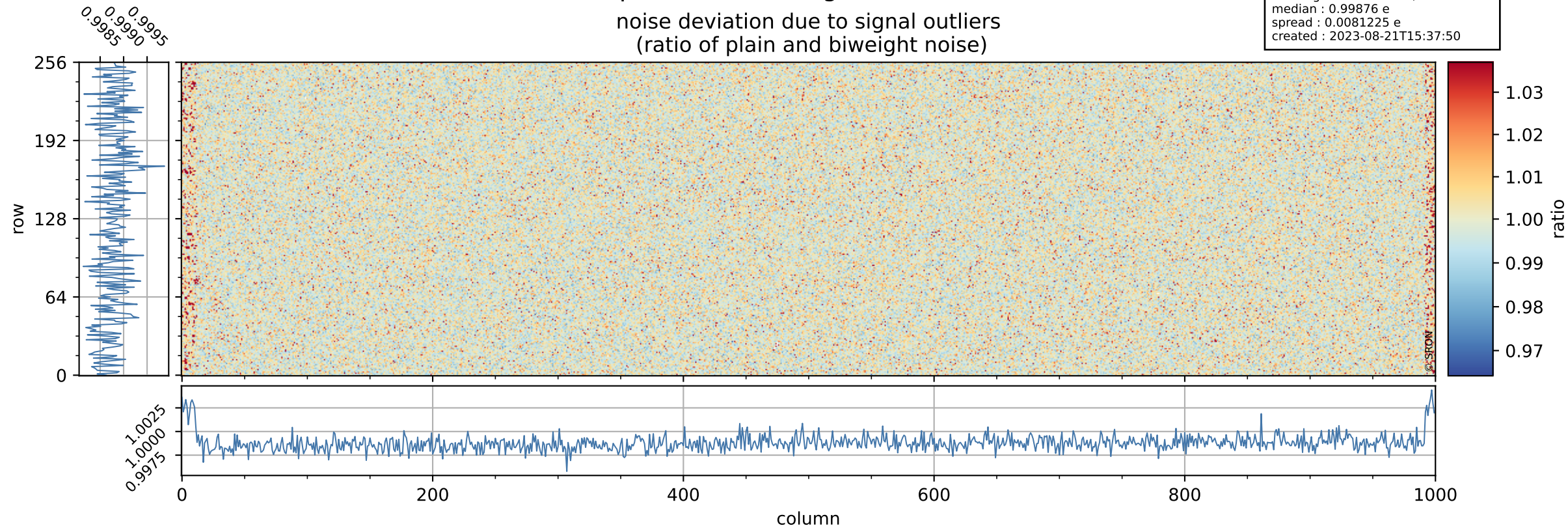
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

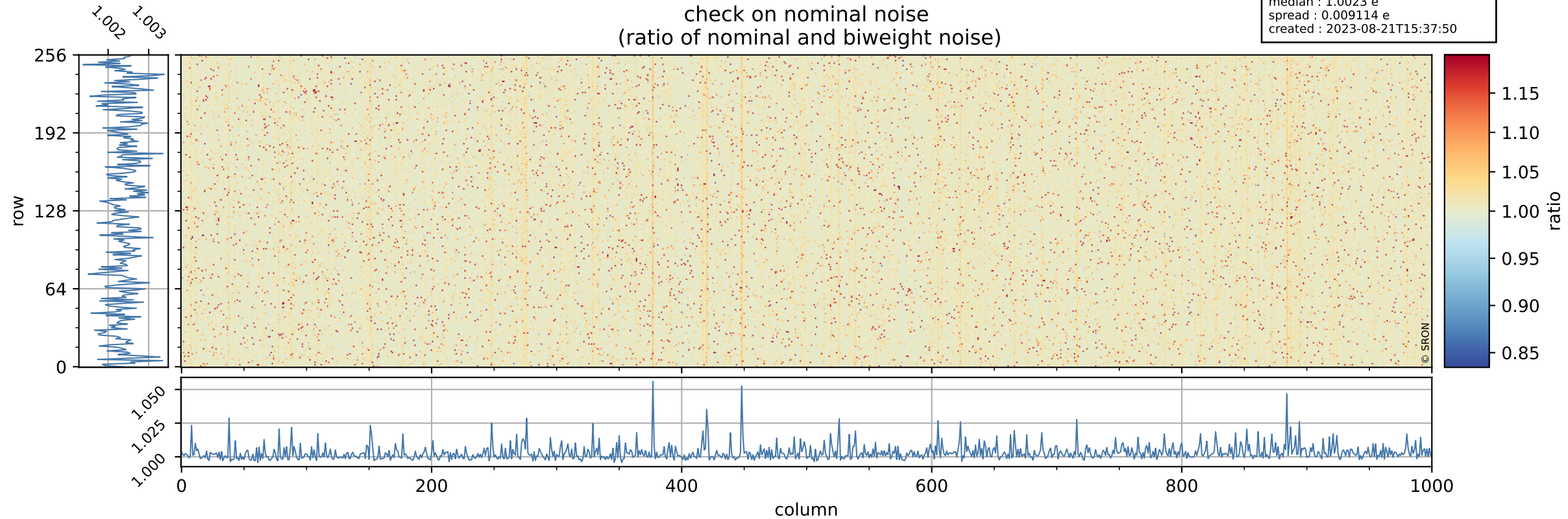
orbits : 12 in [14602, 14677]
coverage : 2020-08-06 / 2020-08-12
median : 0.99876 e
spread : 0.0081225 e
created : 2023-08-21T15:37:50



Tropomi SWIR background noise (swir)

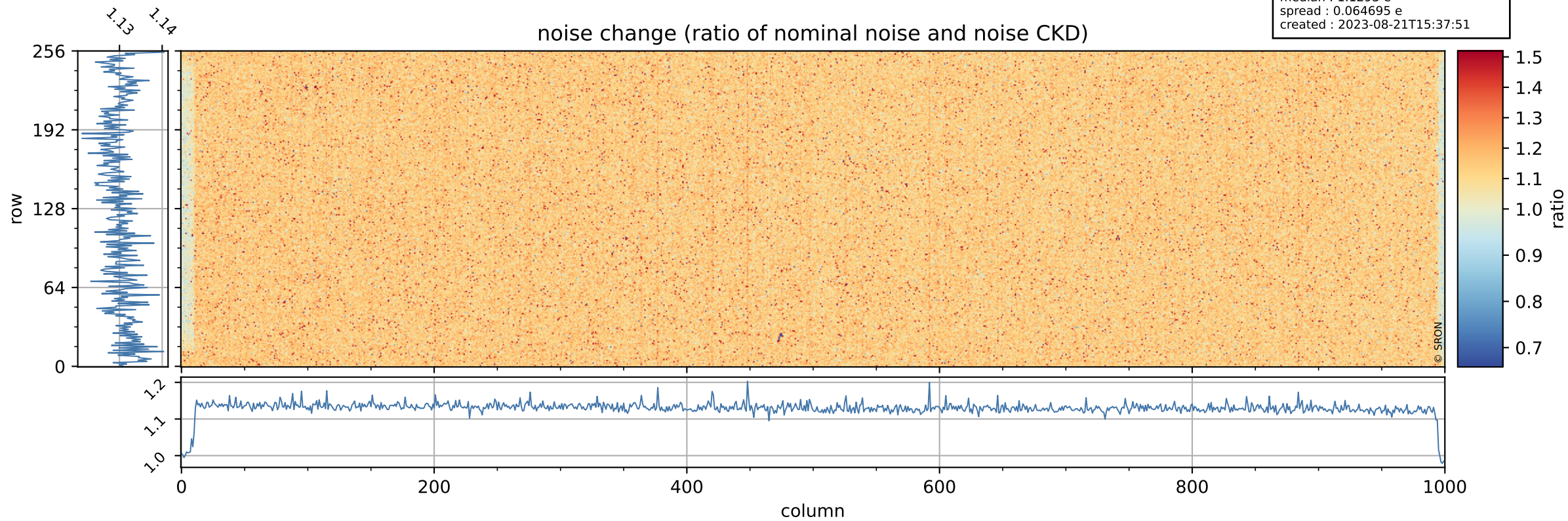
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14602, 14677]
coverage : 2020-08-06 / 2020-08-12
median : 1.0023 e
spread : 0.009114 e
created : 2023-08-21T15:37:50



Tropomi SWIR background noise (swir)

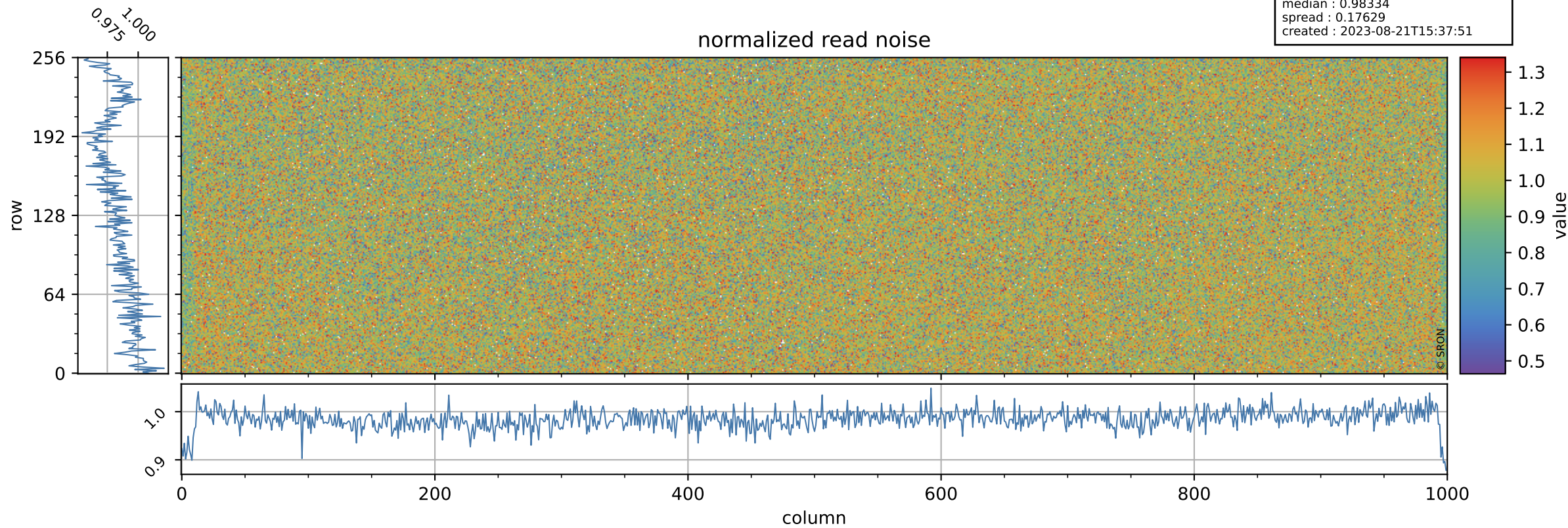
orbits : 12 in [14602, 14677]
coverage : 2020-08-06 / 2020-08-12
median : 1.1293 e
spread : 0.064695 e
created : 2023-08-21T15:37:51



Tropomi SWIR background noise (swir)

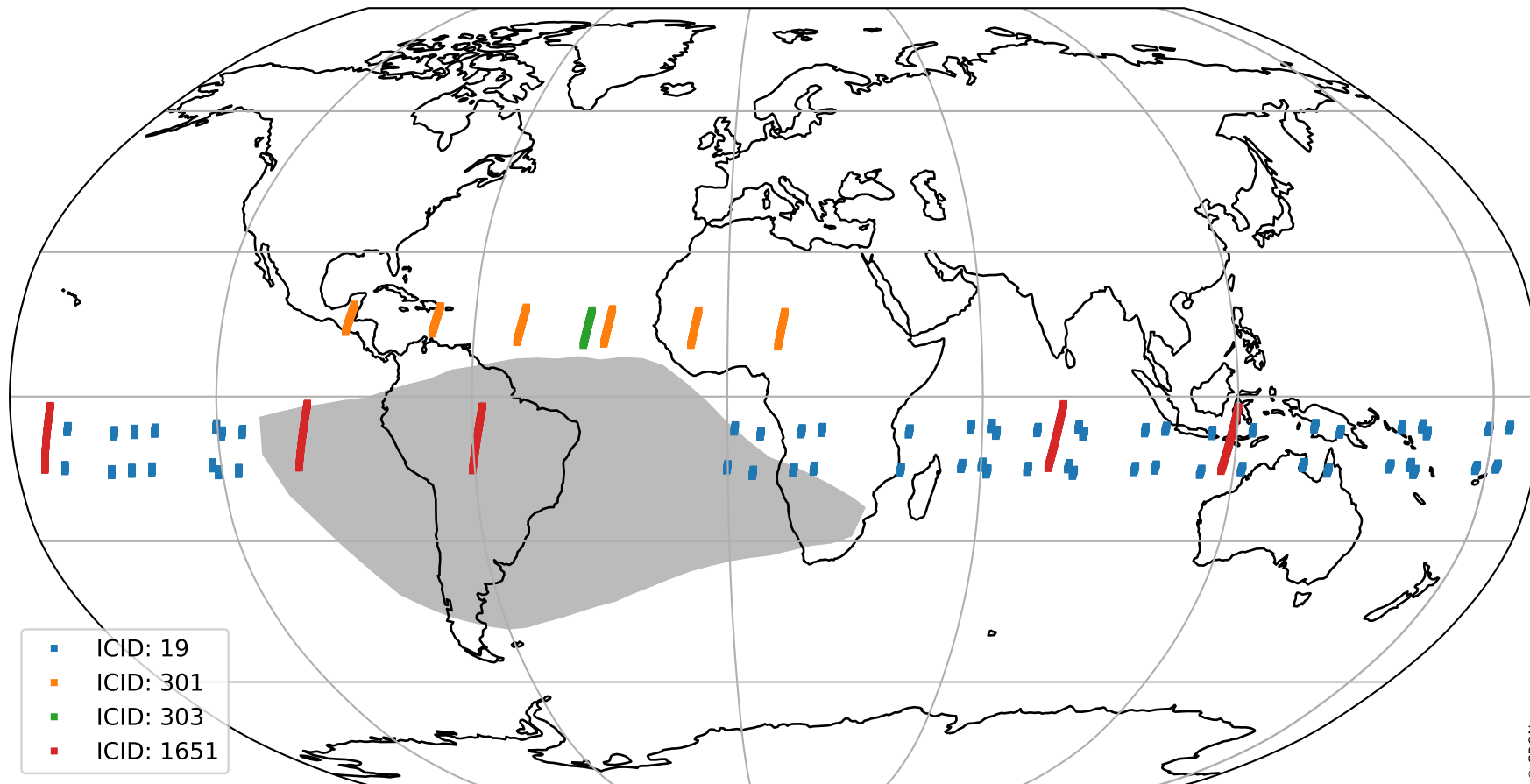
orbits : 12 in [14602, 14677]
coverage : 2020-08-06 / 2020-08-12
median : 0.98334
spread : 0.17629
created : 2023-08-21T15:37:51

normalized read noise



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

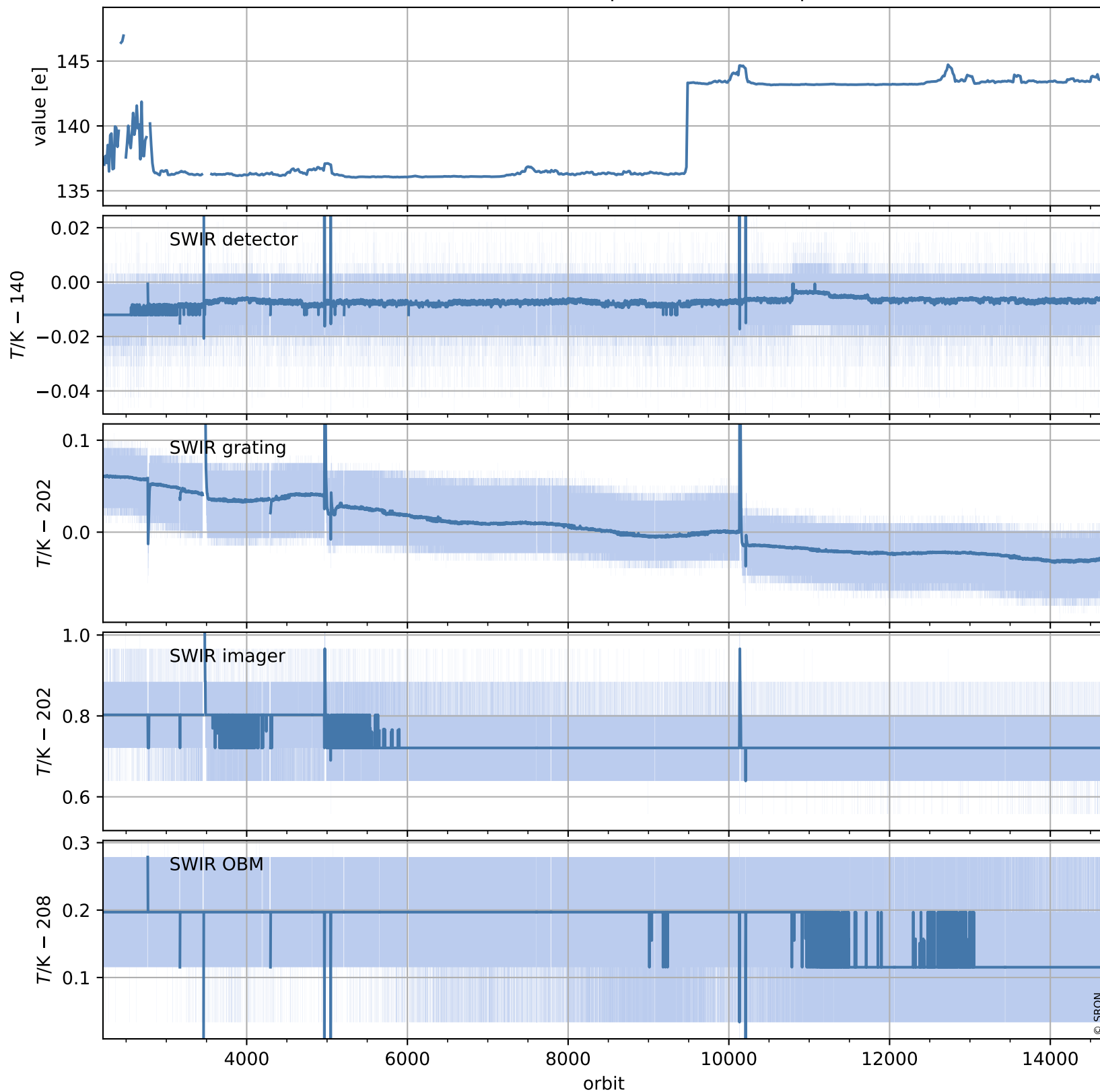
orbits : 12 in [14602, 14677]
coverage : 2020-08-06 / 2020-08-12
created : 2023-08-21T15:37:51



Tropomi SWIR background noise (swir)

orbits : [2212, 14677]
coverage : 2018-03-18 / 2020-08-12
created : 2023-08-21T15:37:52

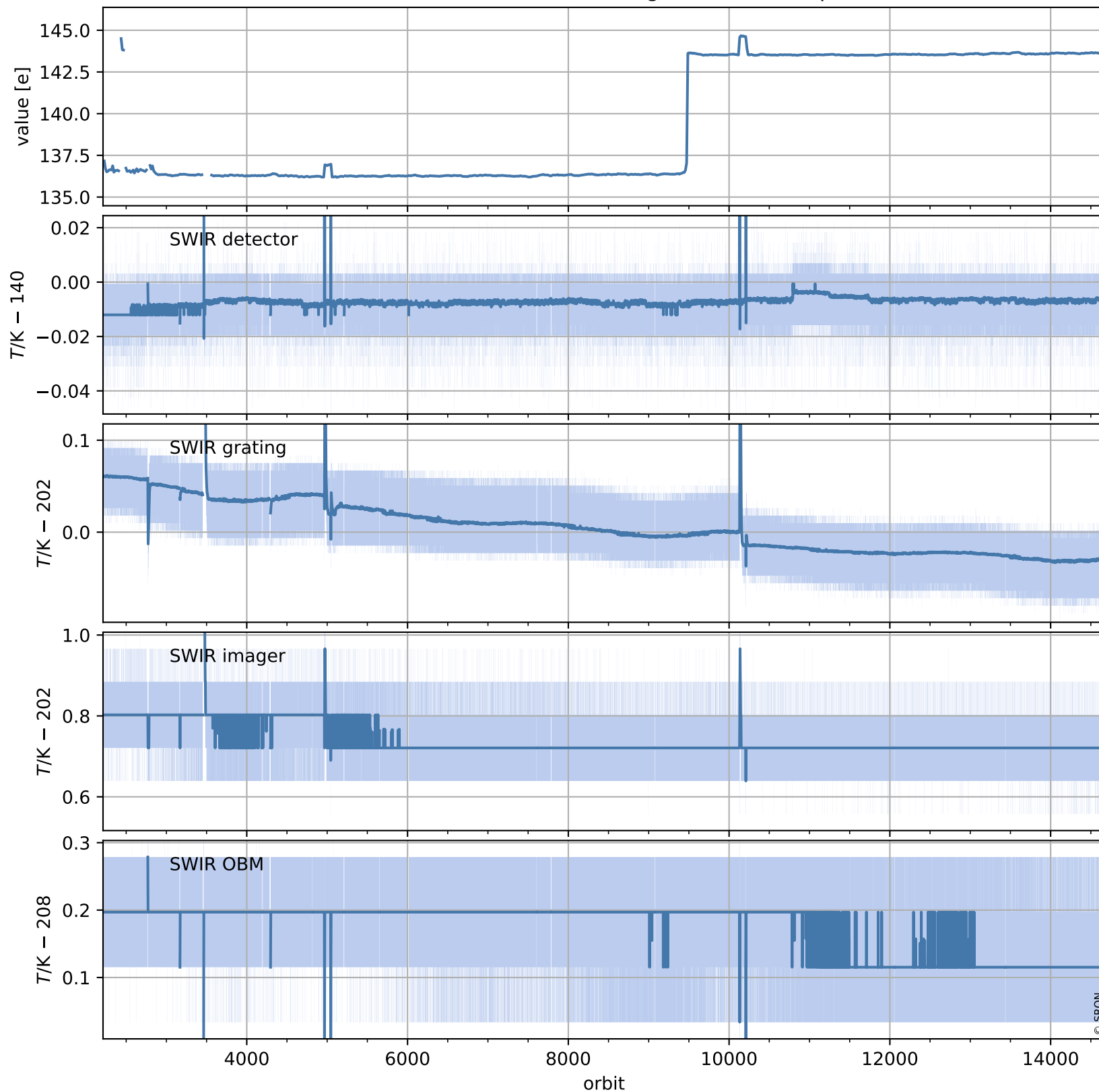
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14677]
coverage : 2018-03-18 / 2020-08-12
created : 2023-08-21T15:37:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14677]
coverage : 2018-03-18 / 2020-08-12
created : 2023-08-21T15:37:53

trend of normalized read-noise & temperatures

