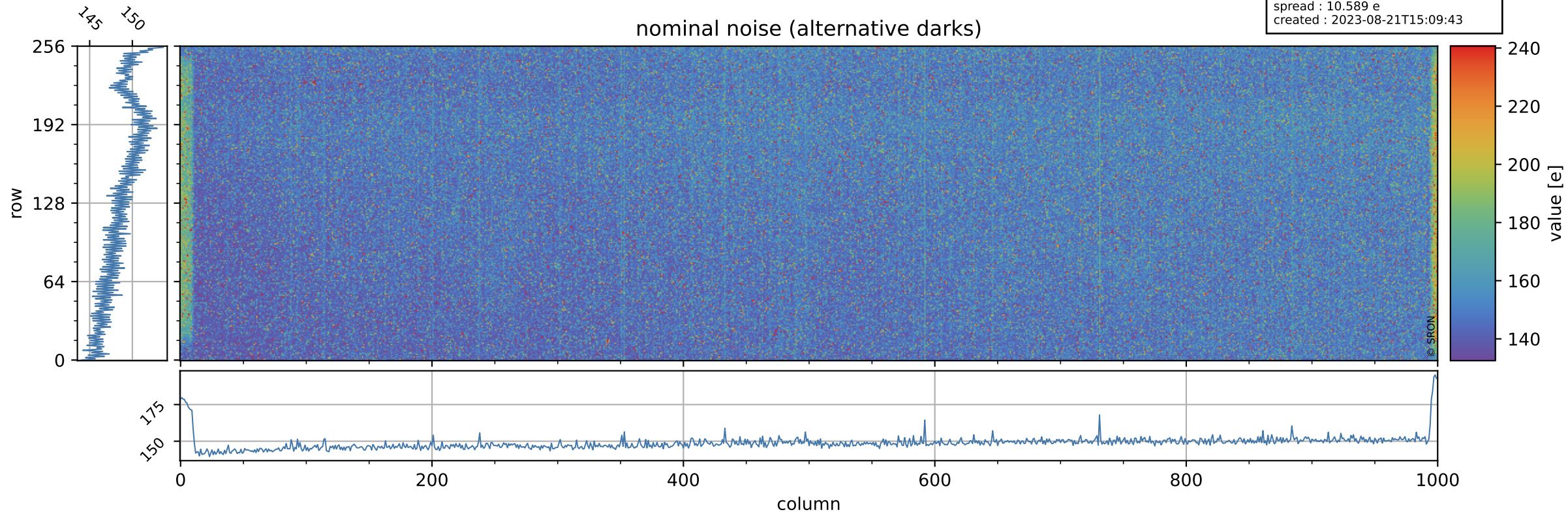


Tropomi SWIR background noise (swir)

orbits : 12 in [10057, 10147]
coverage : 2019-09-22 / 2019-09-28
n_coad, t_exp : 1, 1.0783
median : 148.6 e
spread : 10.589 e
created : 2023-08-21T15:09:43

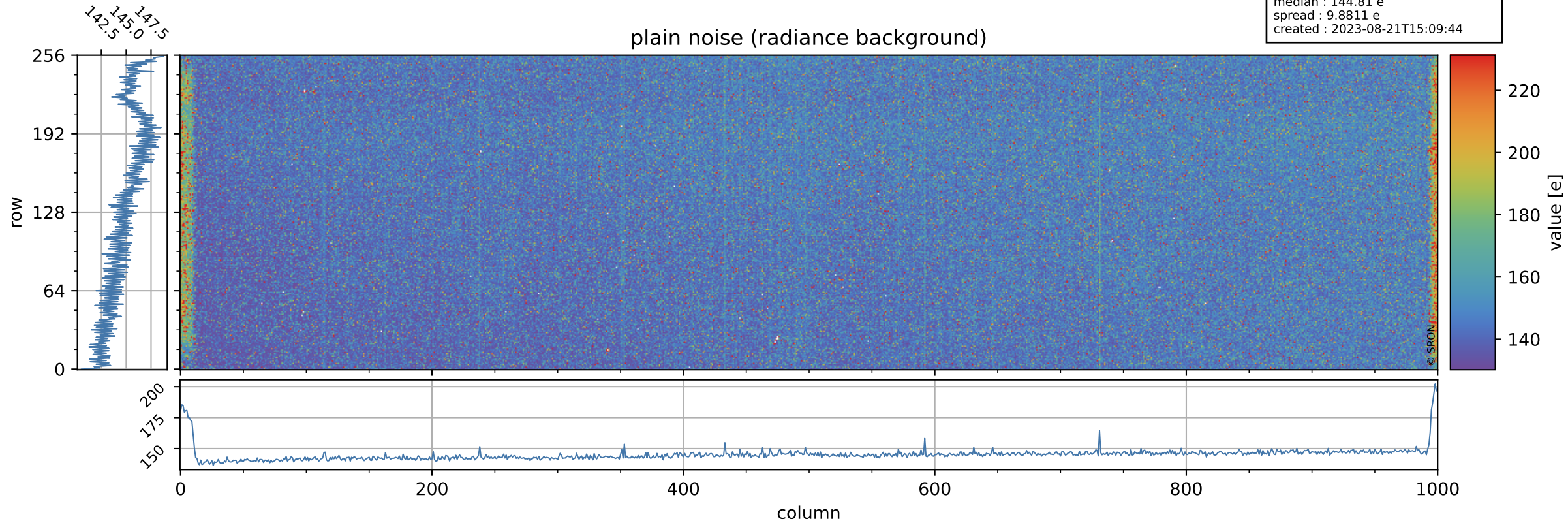
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

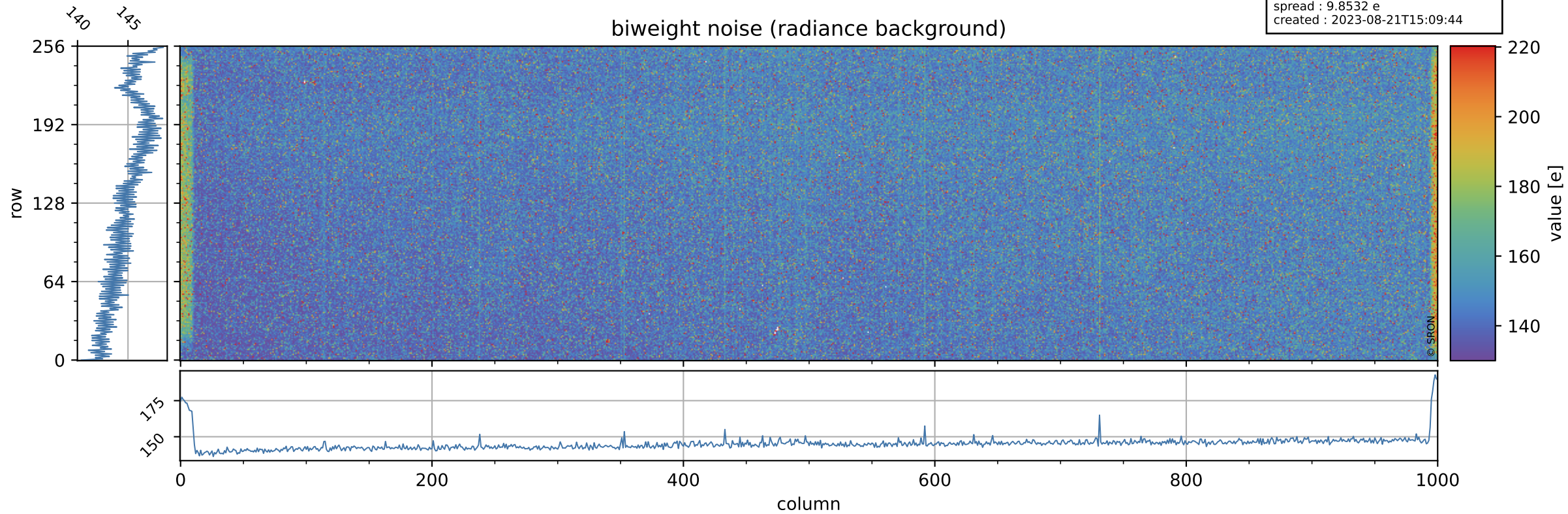
orbits : 12 in [10057, 10147]
coverage : 2019-09-22 / 2019-09-28
n_coad, t_exp : 1, 0.8383
median : 144.81 e
spread : 9.8811 e
created : 2023-08-21T15:09:44

plain noise (radiance background)



Tropomi SWIR background noise (swir)

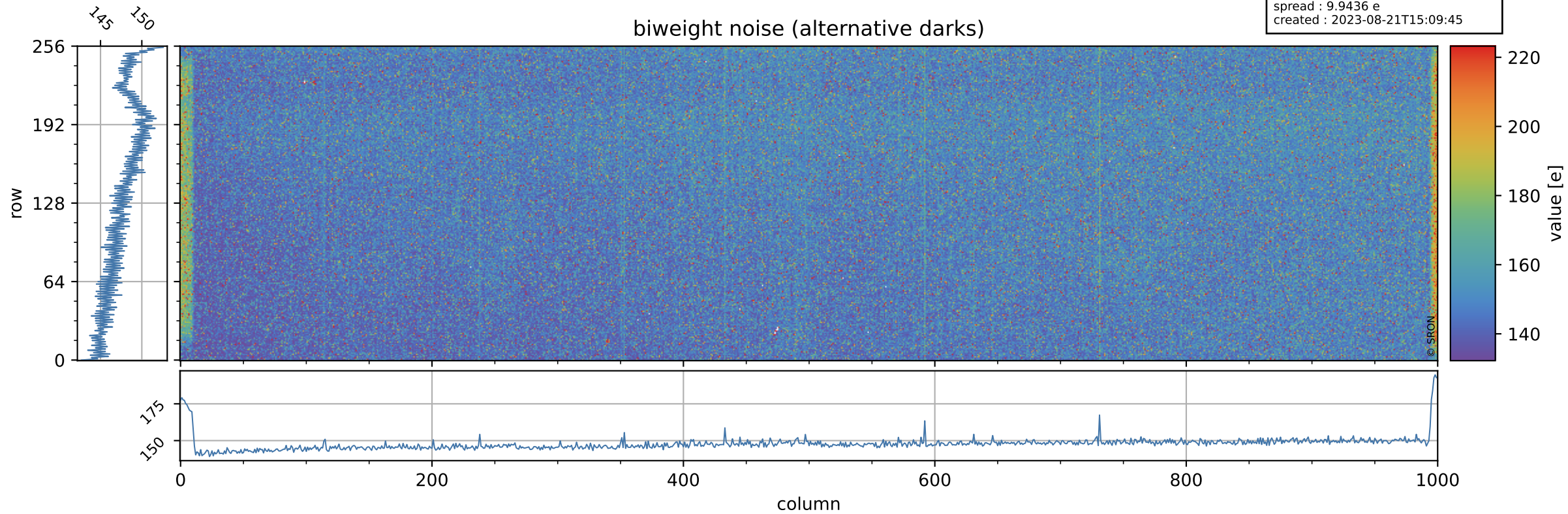
orbits : 12 in [10057, 10147]
coverage : 2019-09-22 / 2019-09-28
n_coad, t_exp : 1, 0.8383
median : 144.82 e
spread : 9.8532 e
created : 2023-08-21T15:09:44



Tropomi SWIR background noise (swir)

orbits : 12 in [10057, 10147]
coverage : 2019-09-22 / 2019-09-28
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.9436 e
created : 2023-08-21T15:09:45

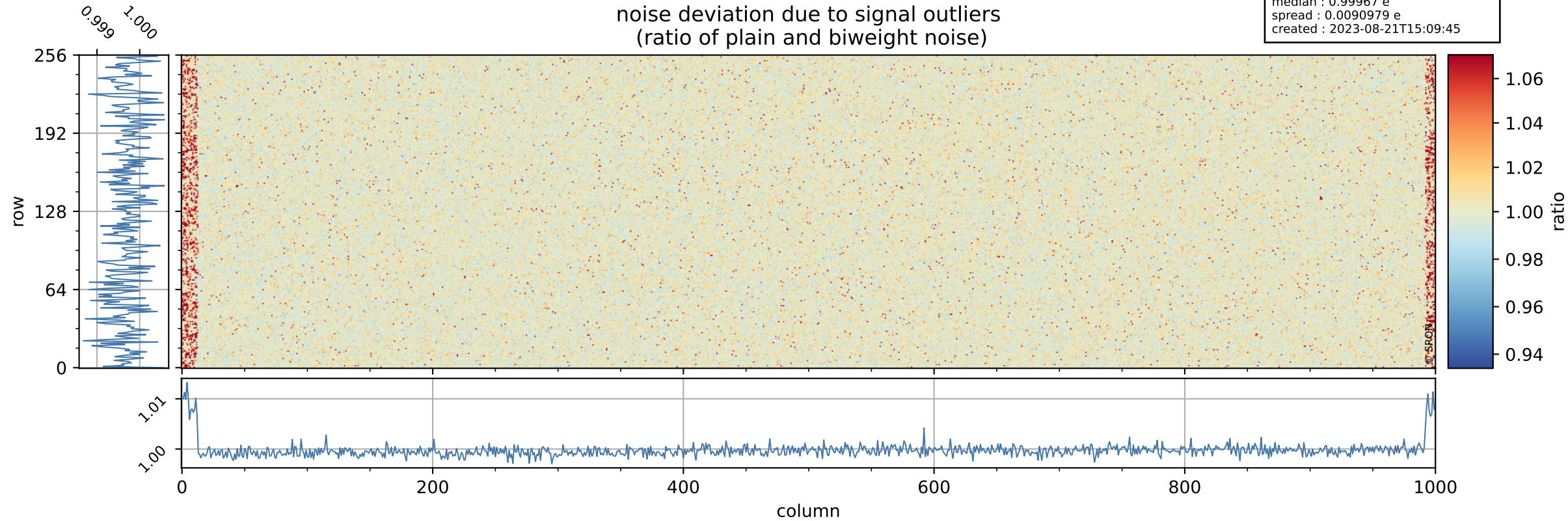
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

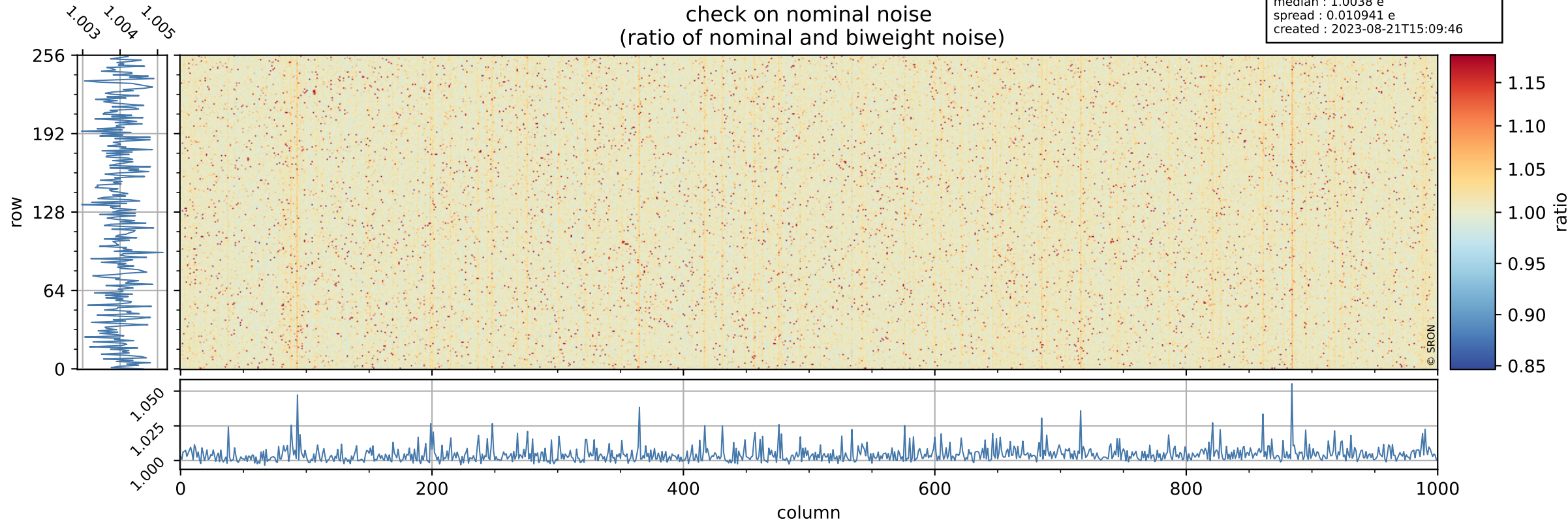
orbits : 12 in [10057, 10147]
coverage : 2019-09-22 / 2019-09-28
median : 0.99967 e
spread : 0.0090979 e
created : 2023-08-21T15:09:45



Tropomi SWIR background noise (swir)

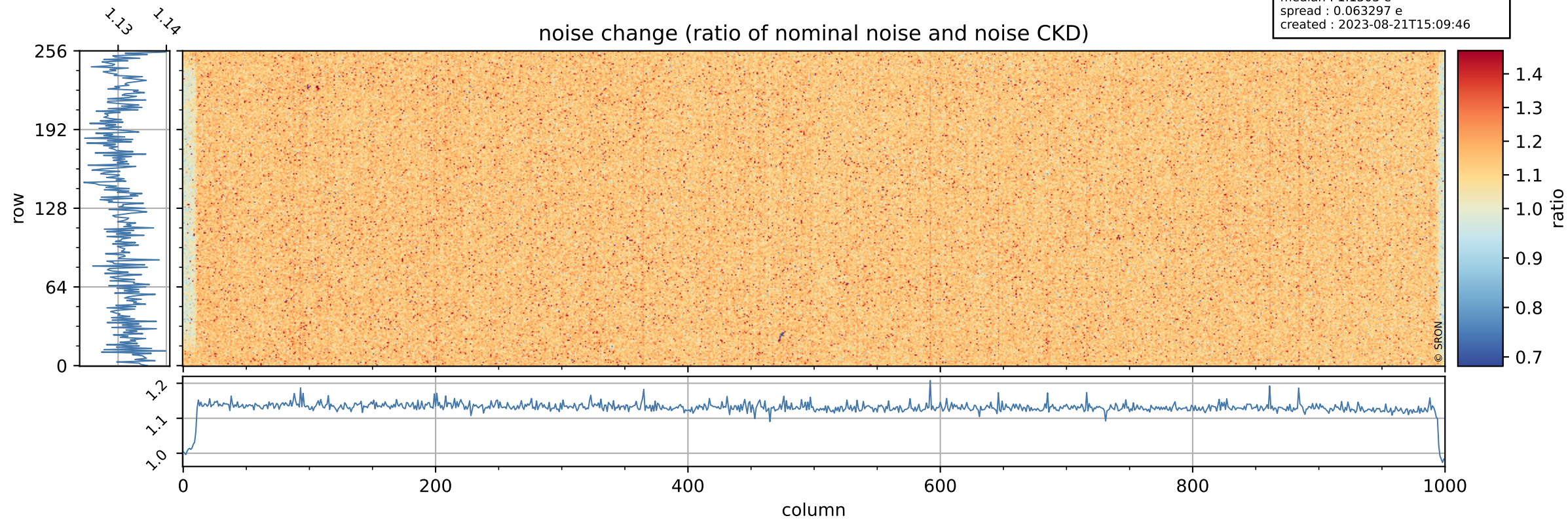
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10057, 10147]
coverage : 2019-09-22 / 2019-09-28
median : 1.0038 e
spread : 0.010941 e
created : 2023-08-21T15:09:46



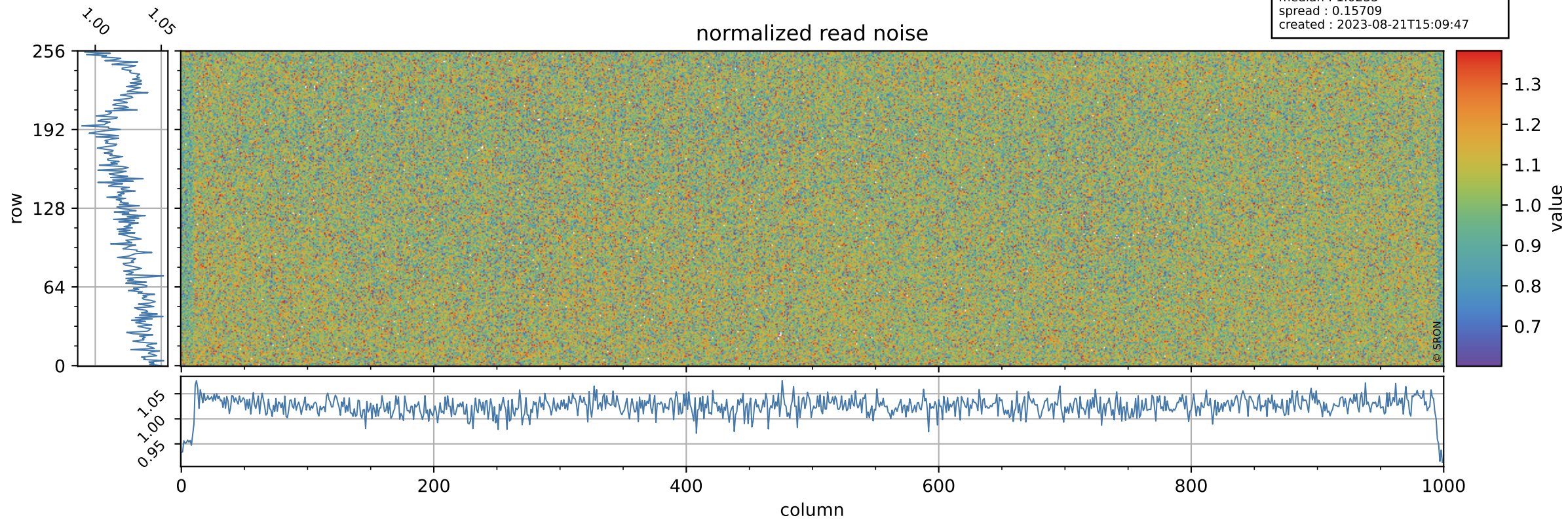
Tropomi SWIR background noise (swir)

orbits : 12 in [10057, 10147]
coverage : 2019-09-22 / 2019-09-28
median : 1.1303 e
spread : 0.063297 e
created : 2023-08-21T15:09:46



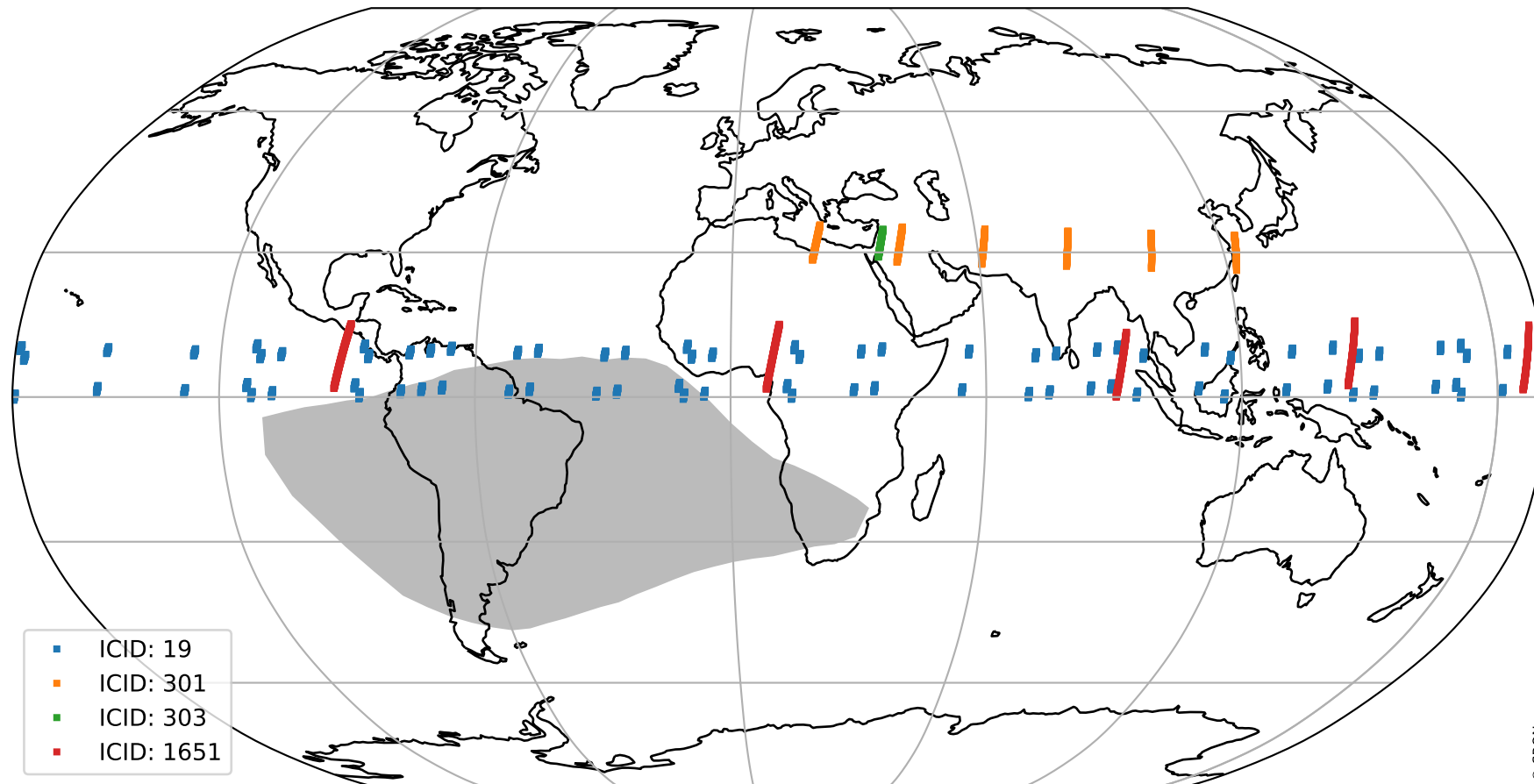
Tropomi SWIR background noise (swir)

orbits : 12 in [10057, 10147]
coverage : 2019-09-22 / 2019-09-28
median : 1.0233
spread : 0.15709
created : 2023-08-21T15:09:47



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

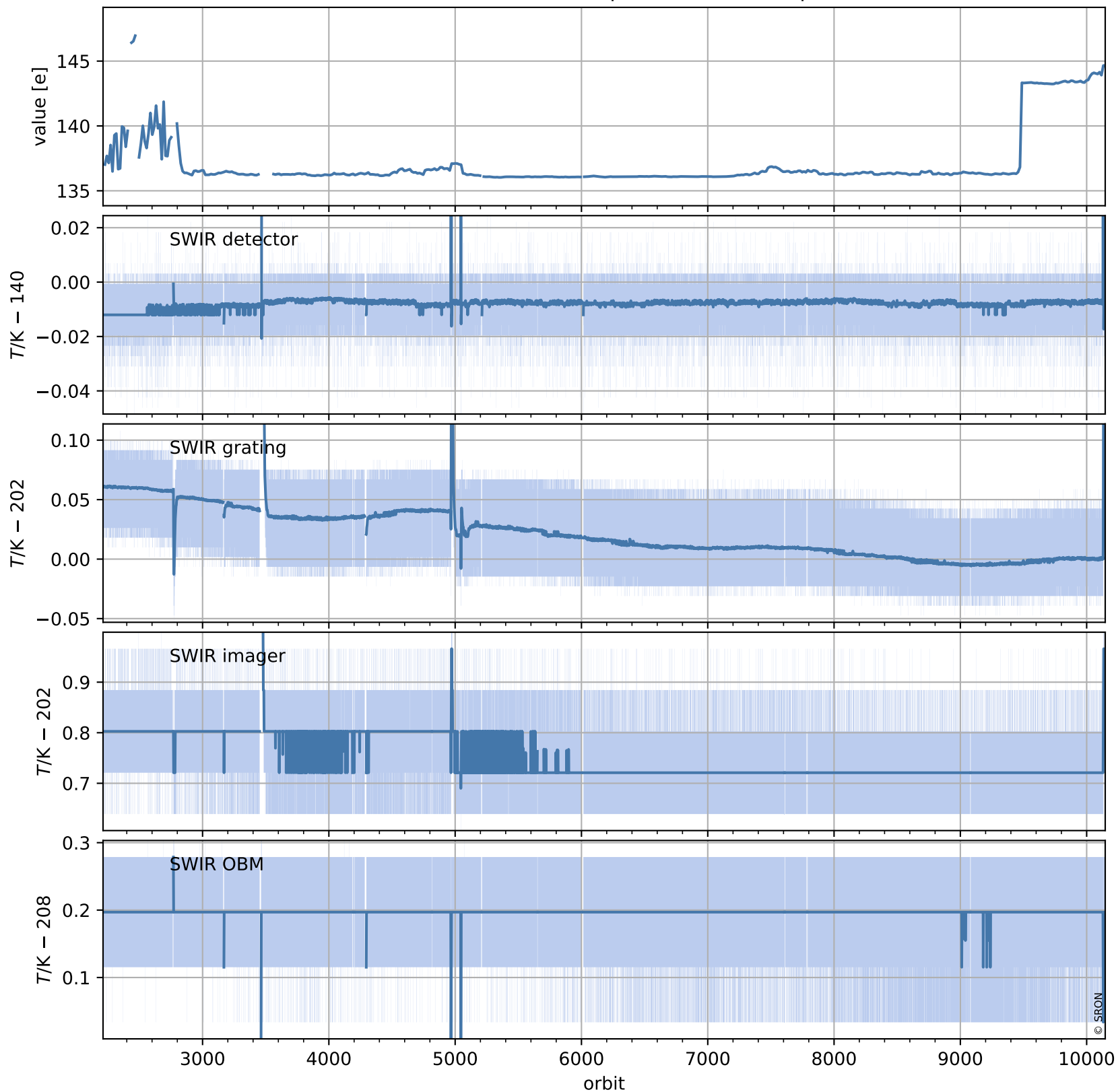
orbits : 12 in [10057, 10147]
coverage : 2019-09-22 / 2019-09-28
created : 2023-08-21T15:09:47



Tropomi SWIR background noise (swir)

orbits : [2212, 10147]
coverage : 2018-03-18 / 2019-09-28
created : 2023-08-21T15:09:48

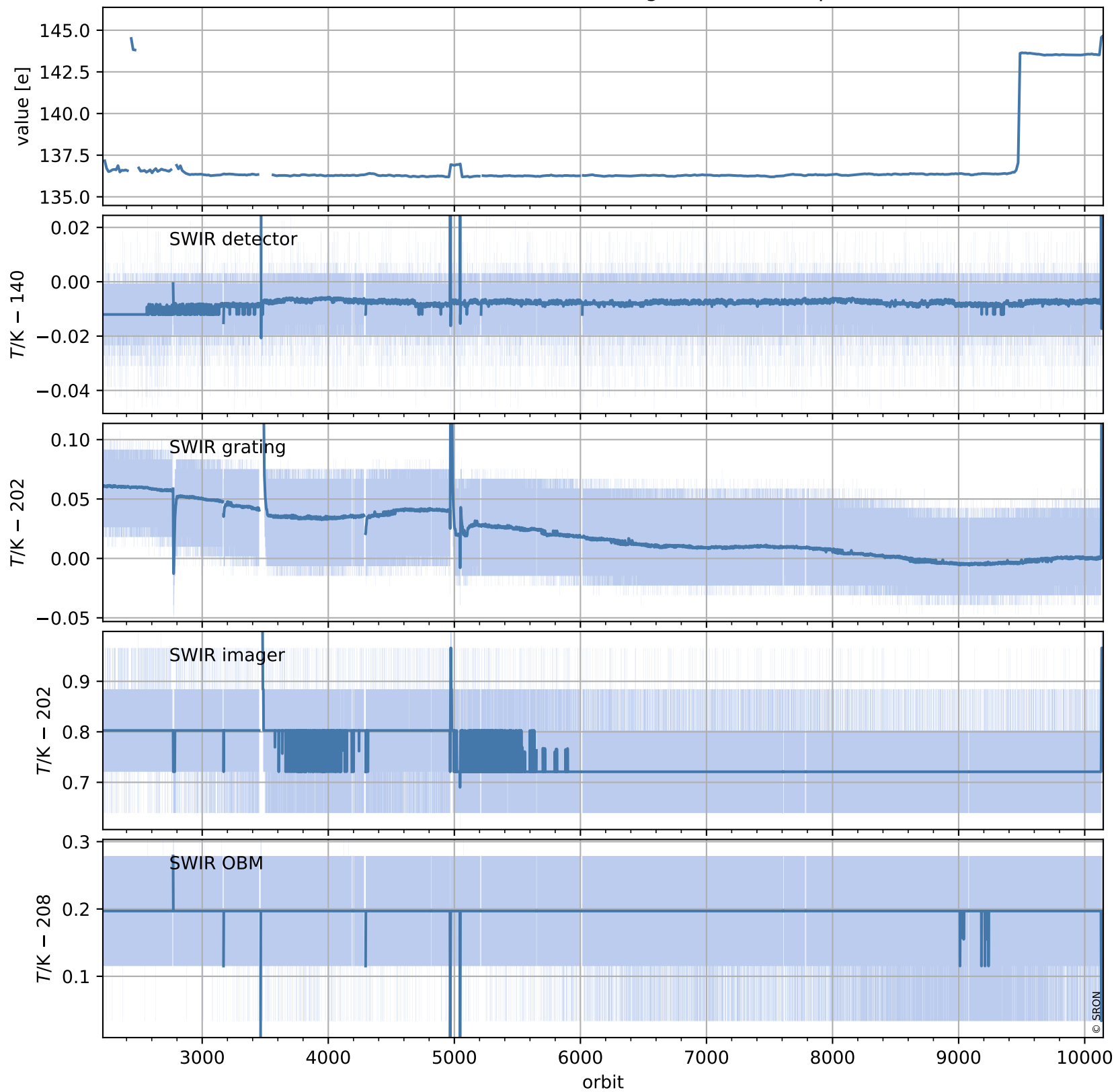
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10147]
coverage : 2018-03-18 / 2019-09-28
created : 2023-08-21T15:09:49

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10147]
coverage : 2018-03-18 / 2019-09-28
created : 2023-08-21T15:09:50

trend of normalized read-noise & temperatures

