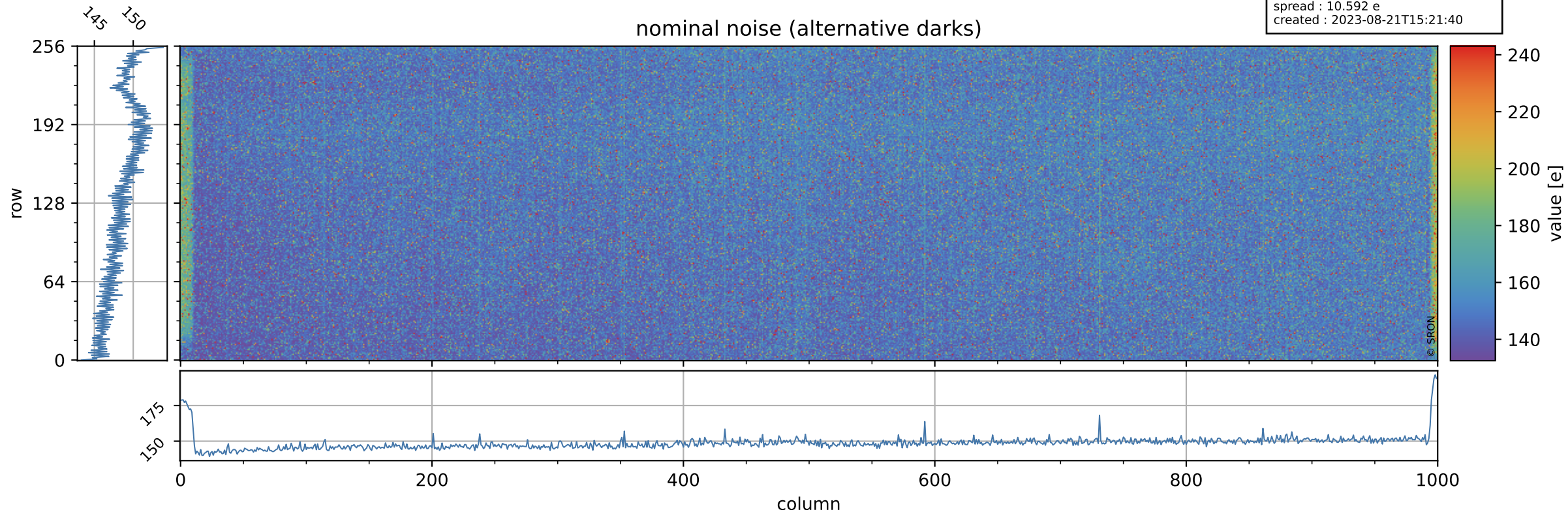


Tropomi SWIR background noise (swir)

orbits : 12 in [11647, 11737]
coverage : 2020-01-12 / 2020-01-18
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.592 e
created : 2023-08-21T15:21:40

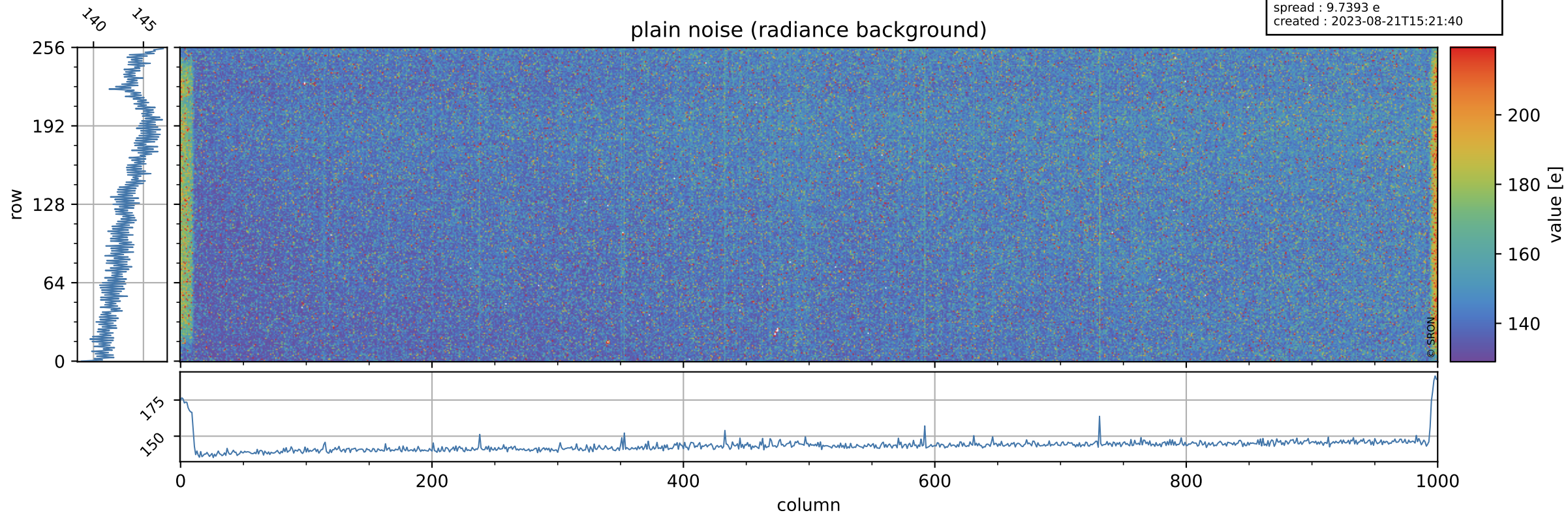
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11647, 11737]
coverage : 2020-01-12 / 2020-01-18
n_coad, t_exp : 1, 0.8383
median : 143.35 e
spread : 9.7393 e
created : 2023-08-21T15:21:40

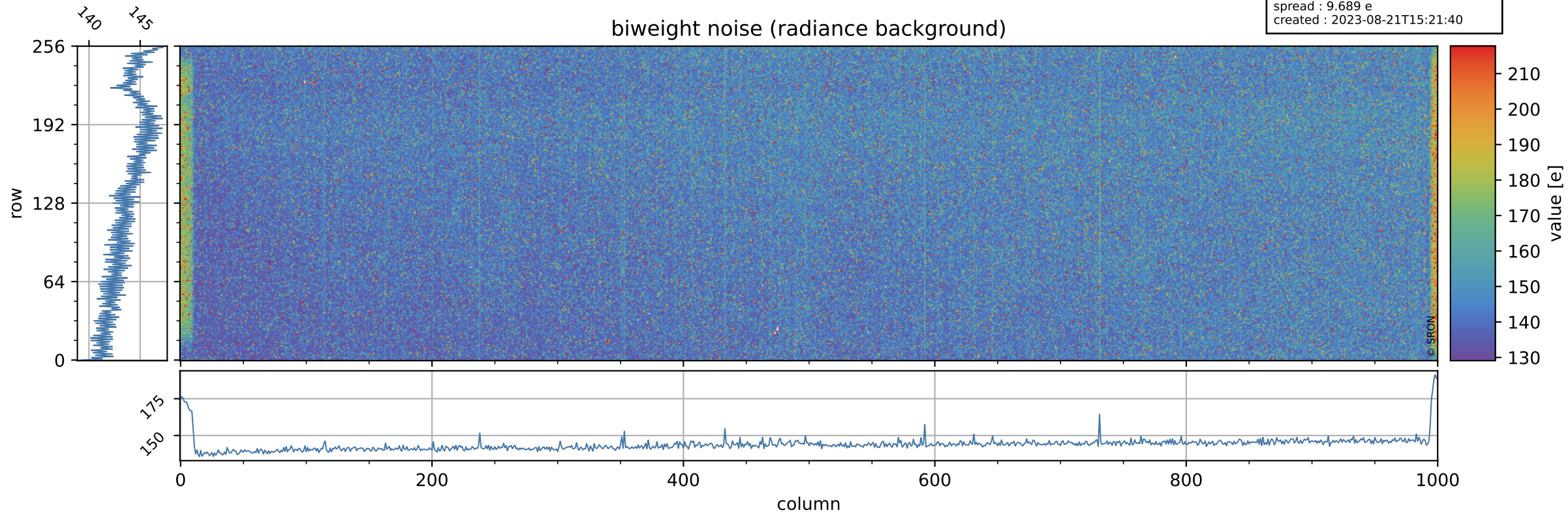
plain noise (radiance background)



Tropomi SWIR background noise (swir)

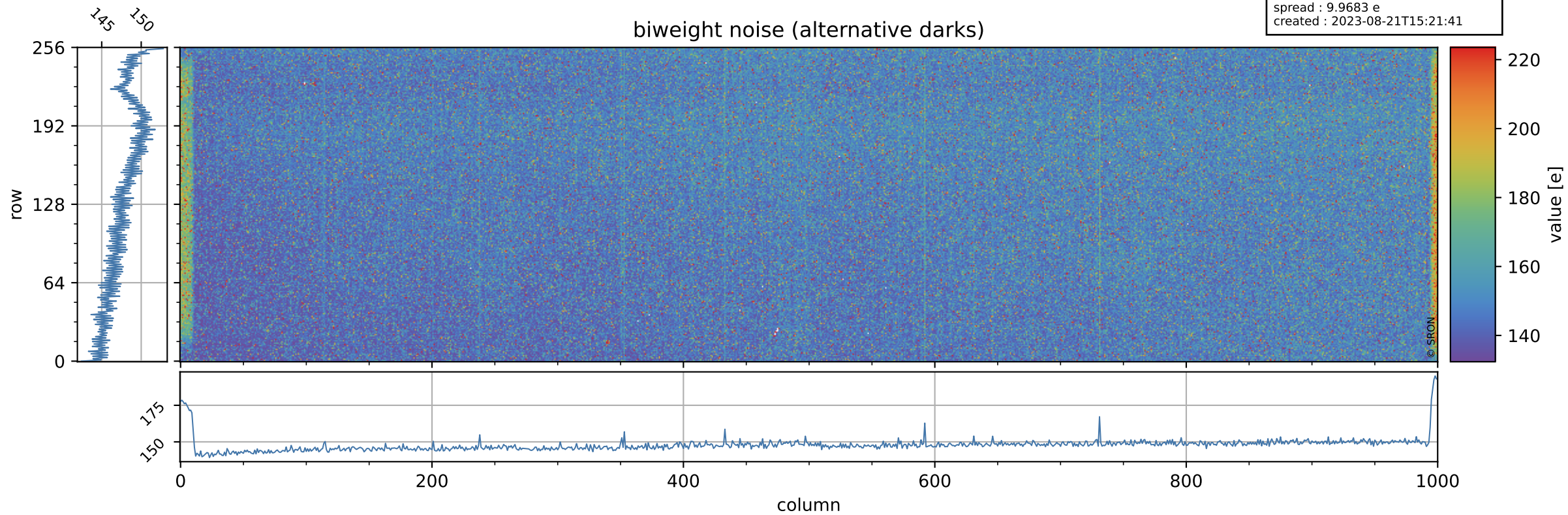
orbits : 12 in [11647, 11737]
coverage : 2020-01-12 / 2020-01-18
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.689 e
created : 2023-08-21T15:21:40

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

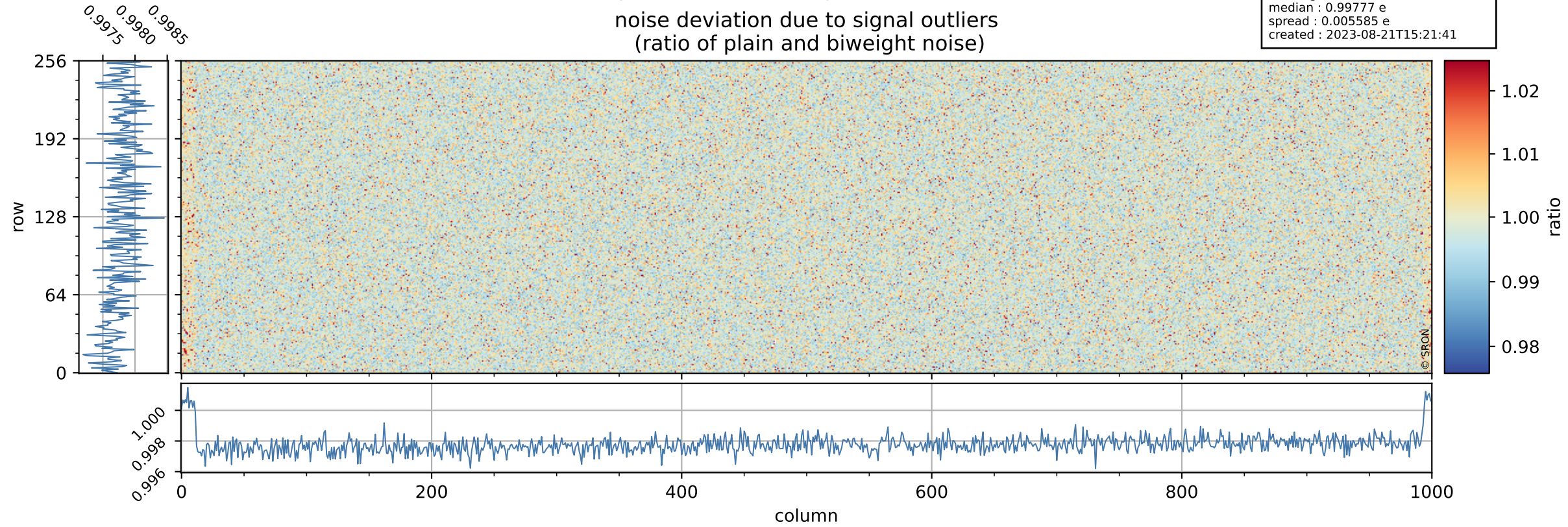
orbits : 12 in [11647, 11737]
coverage : 2020-01-12 / 2020-01-18
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 9.9683 e
created : 2023-08-21T15:21:41



Tropomi SWIR background noise (swir)

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

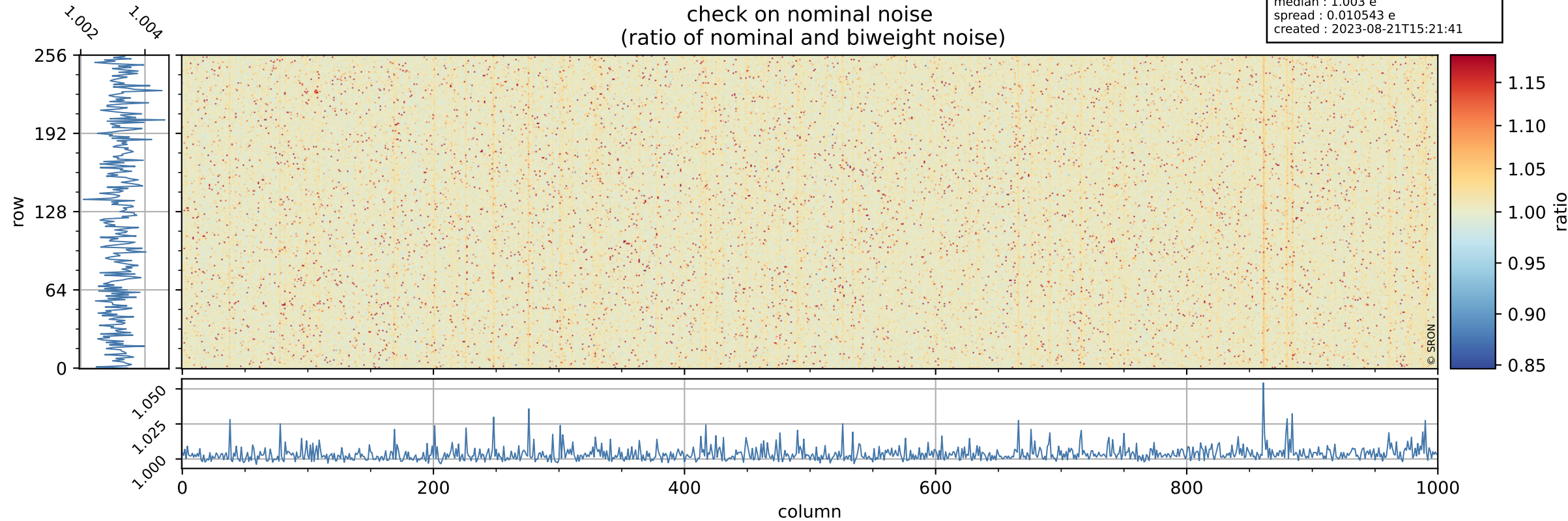
orbits : 12 in [11647, 11737]
coverage : 2020-01-12 / 2020-01-18
median : 0.99777 e
spread : 0.005585 e
created : 2023-08-21T15:21:41



Tropomi SWIR background noise (swir)

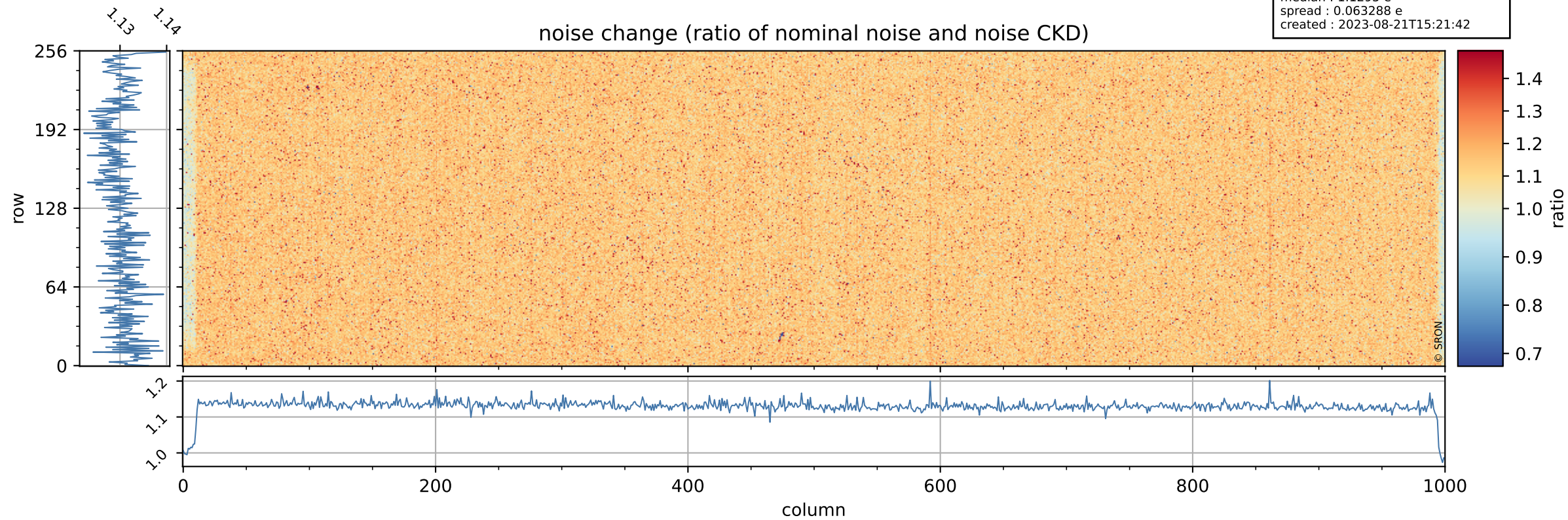
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [11647, 11737]
coverage : 2020-01-12 / 2020-01-18
median : 1.003 e
spread : 0.010543 e
created : 2023-08-21T15:21:41



Tropomi SWIR background noise (swir)

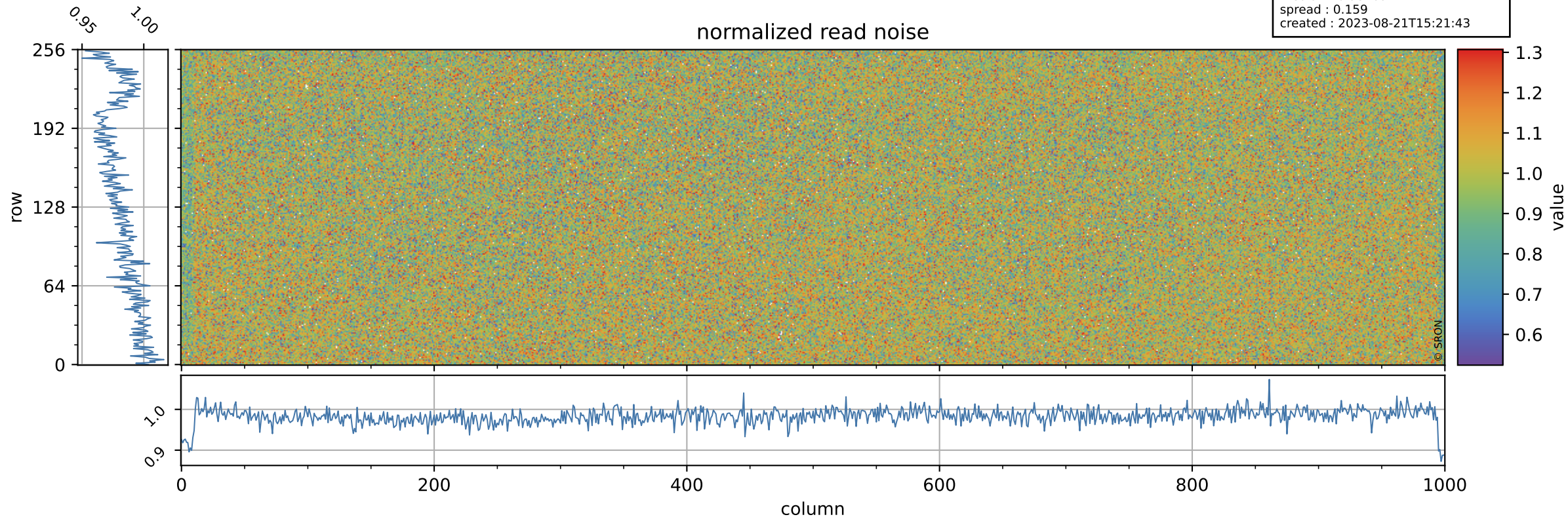
orbits : 12 in [11647, 11737]
coverage : 2020-01-12 / 2020-01-18
median : 1.1295 e
spread : 0.063288 e
created : 2023-08-21T15:21:42



Tropomi SWIR background noise (swir)

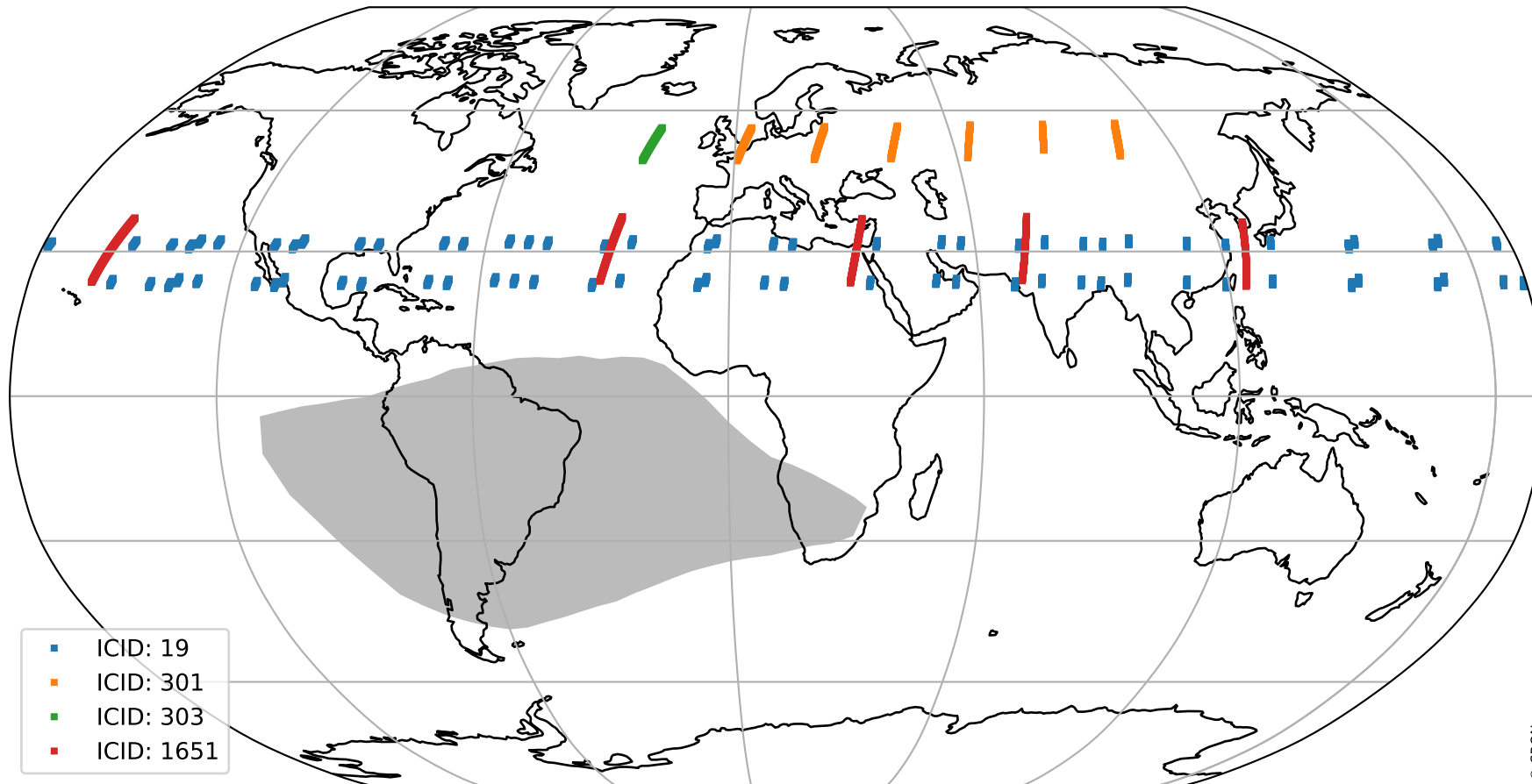
orbits : 12 in [11647, 11737]
coverage : 2020-01-12 / 2020-01-18
median : 0.98169
spread : 0.159
created : 2023-08-21T15:21:43

normalized read noise



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

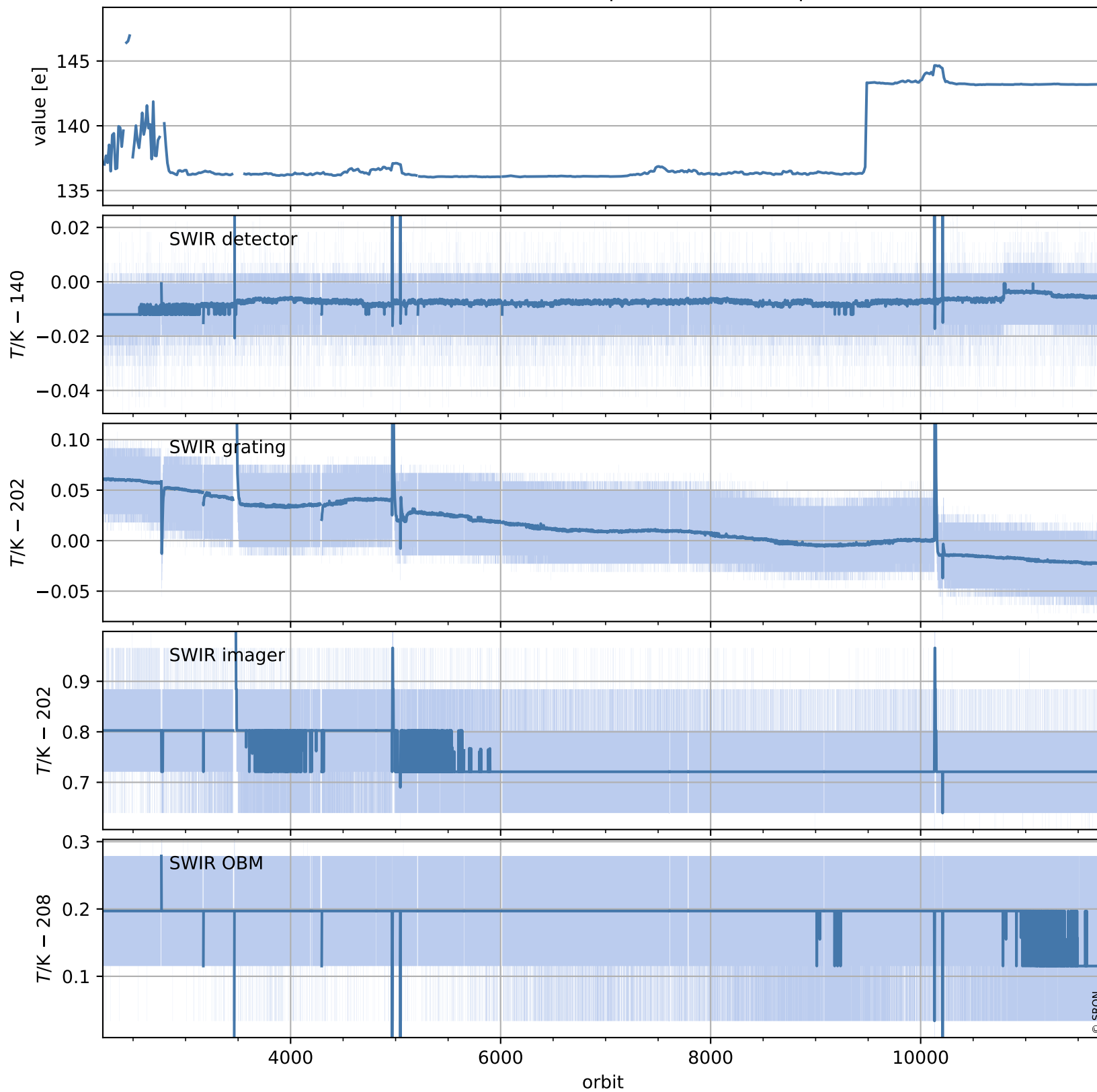
orbits : 12 in [11647, 11737]
coverage : 2020-01-12 / 2020-01-18
created : 2023-08-21T15:21:43



Tropomi SWIR background noise (swir)

orbits : [2212, 11737]
coverage : 2018-03-18 / 2020-01-18
created : 2023-08-21T15:21:43

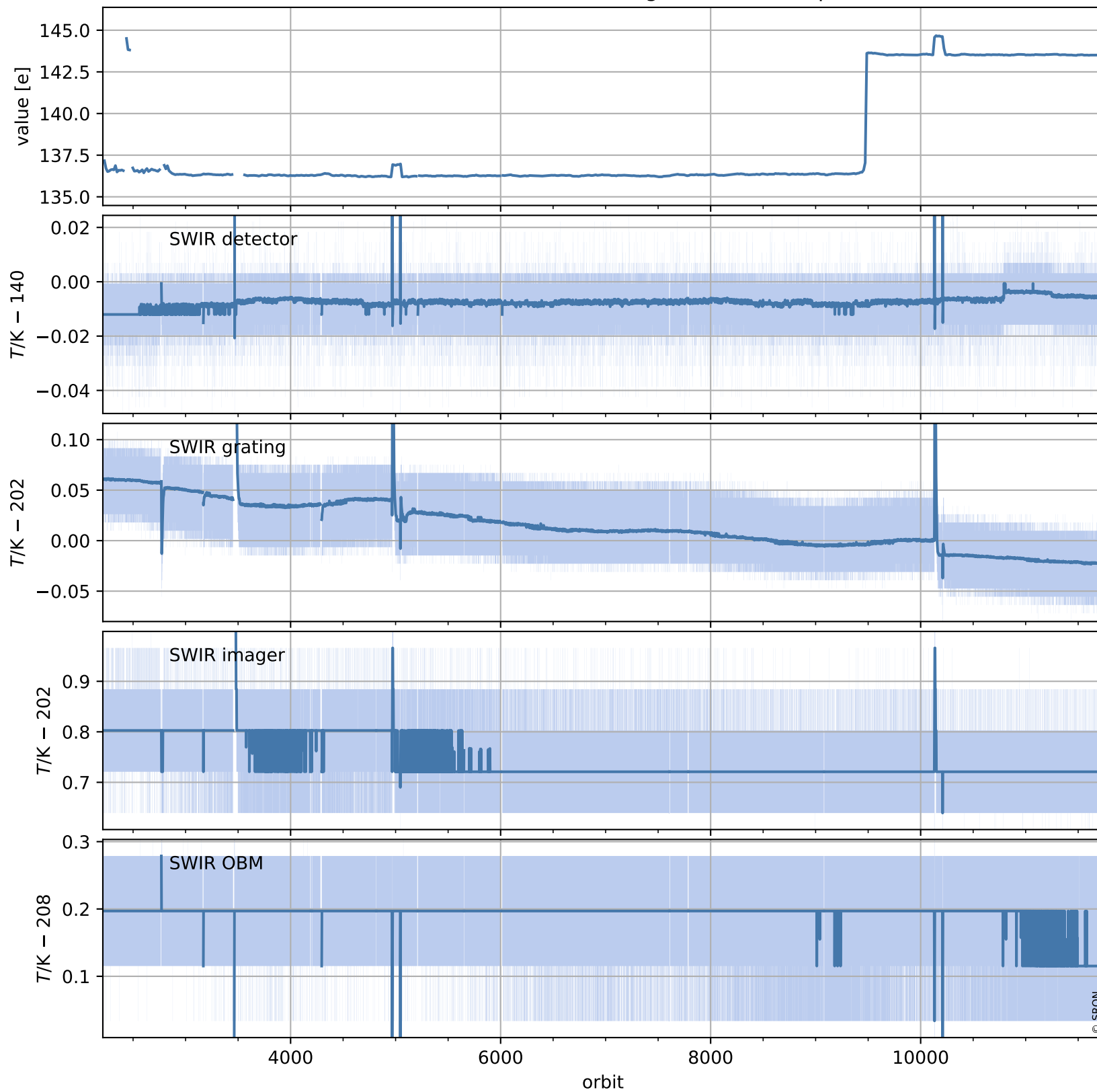
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11737]
coverage : 2018-03-18 / 2020-01-18
created : 2023-08-21T15:21:44

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11737]
coverage : 2018-03-18 / 2020-01-18
created : 2023-08-21T15:21:44

trend of normalized read-noise & temperatures

