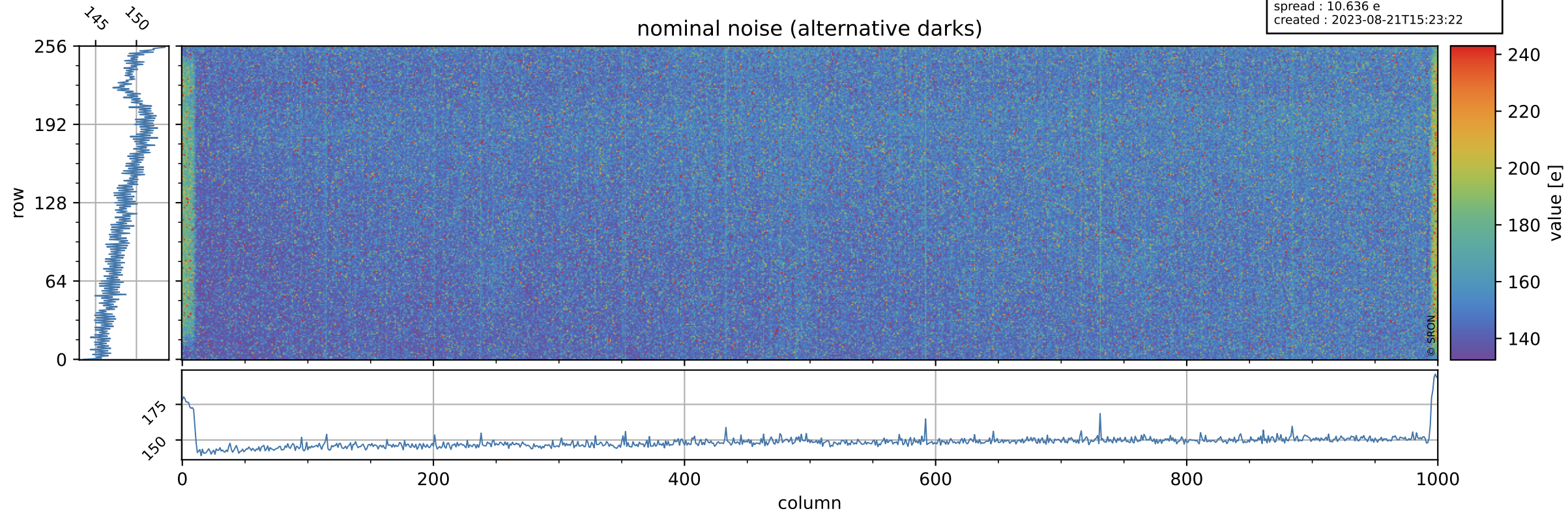


Tropomi SWIR background noise (swir)

orbits : 12 in [11917, 12007]
coverage : 2020-01-31 / 2020-02-06
n_coad, t_exp : 1, 1.0783
median : 148.52 e
spread : 10.636 e
created : 2023-08-21T15:23:22

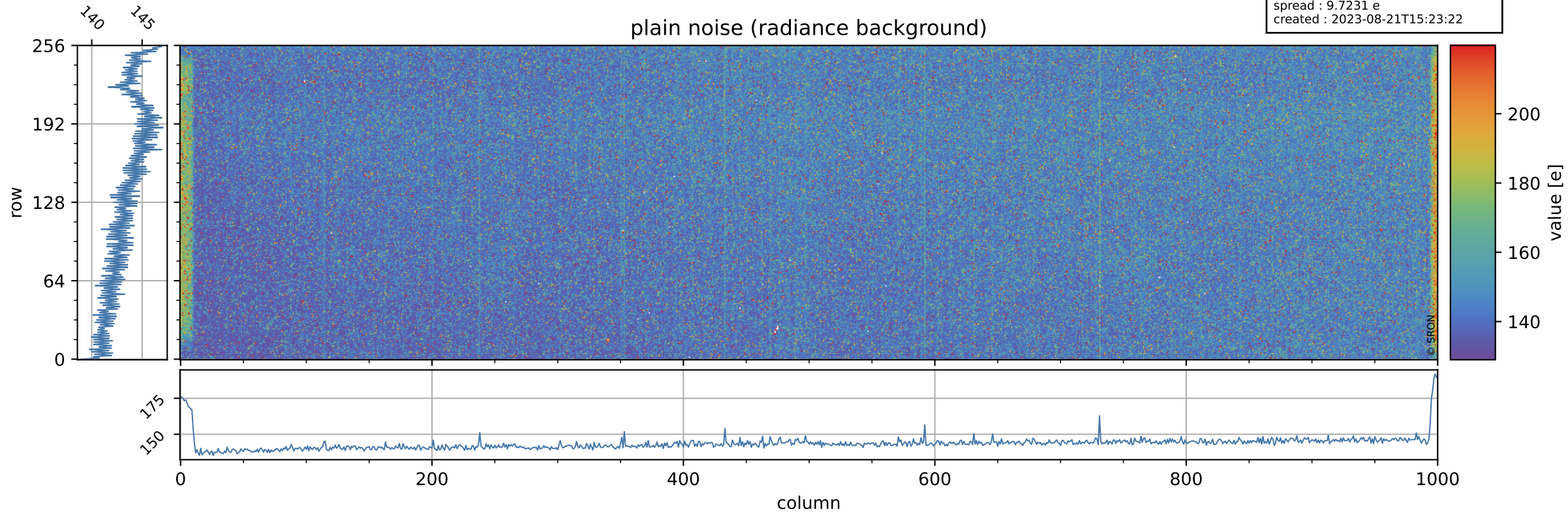
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11917, 12007]
coverage : 2020-01-31 / 2020-02-06
n_coad, t_exp : 1, 0.8383
median : 143.35 e
spread : 9.7231 e
created : 2023-08-21T15:23:22

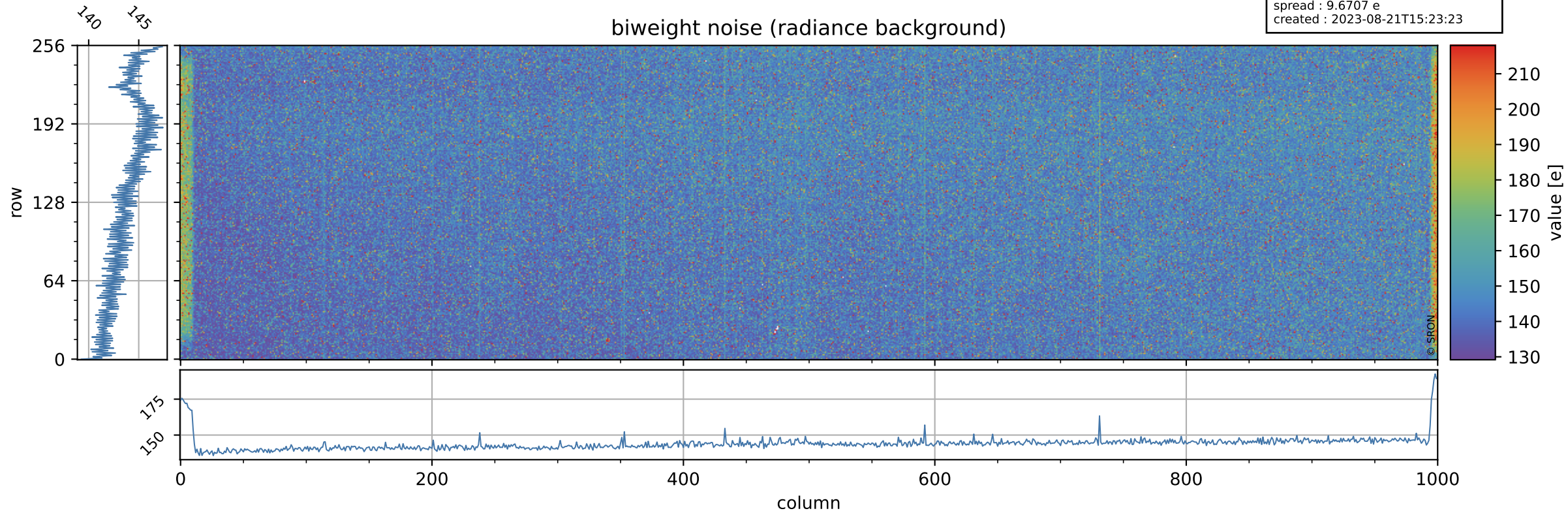
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11917, 12007]
coverage : 2020-01-31 / 2020-02-06
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.6707 e
created : 2023-08-21T15:23:23

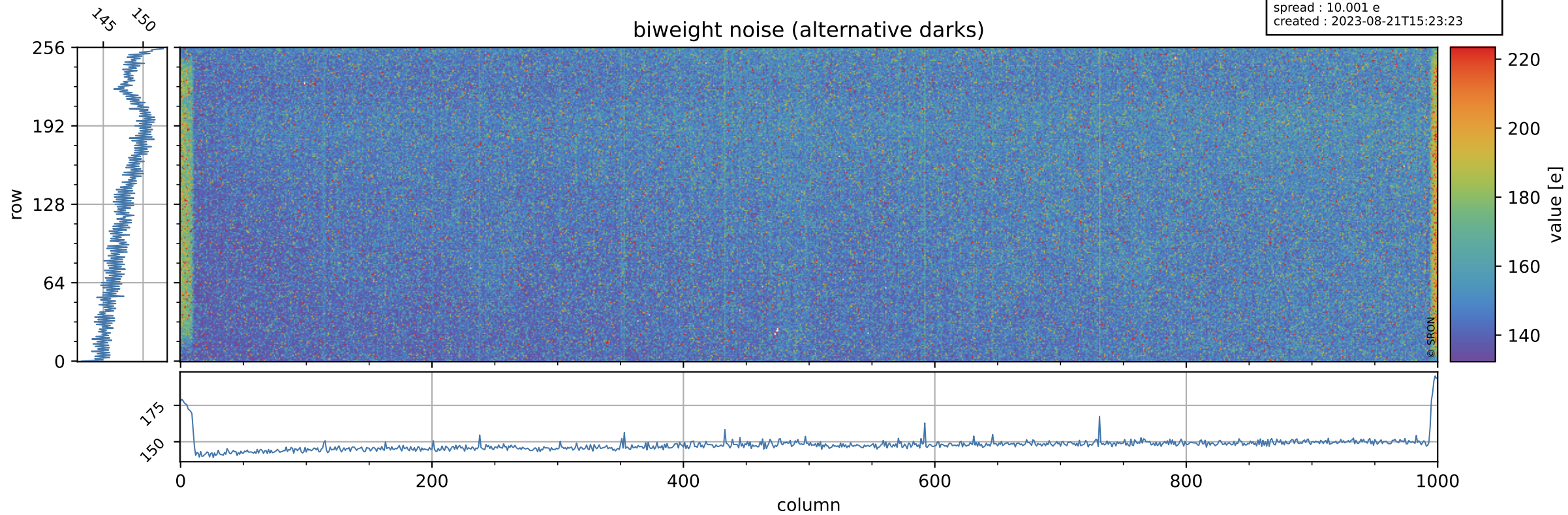
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11917, 12007]
coverage : 2020-01-31 / 2020-02-06
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.001 e
created : 2023-08-21T15:23:23

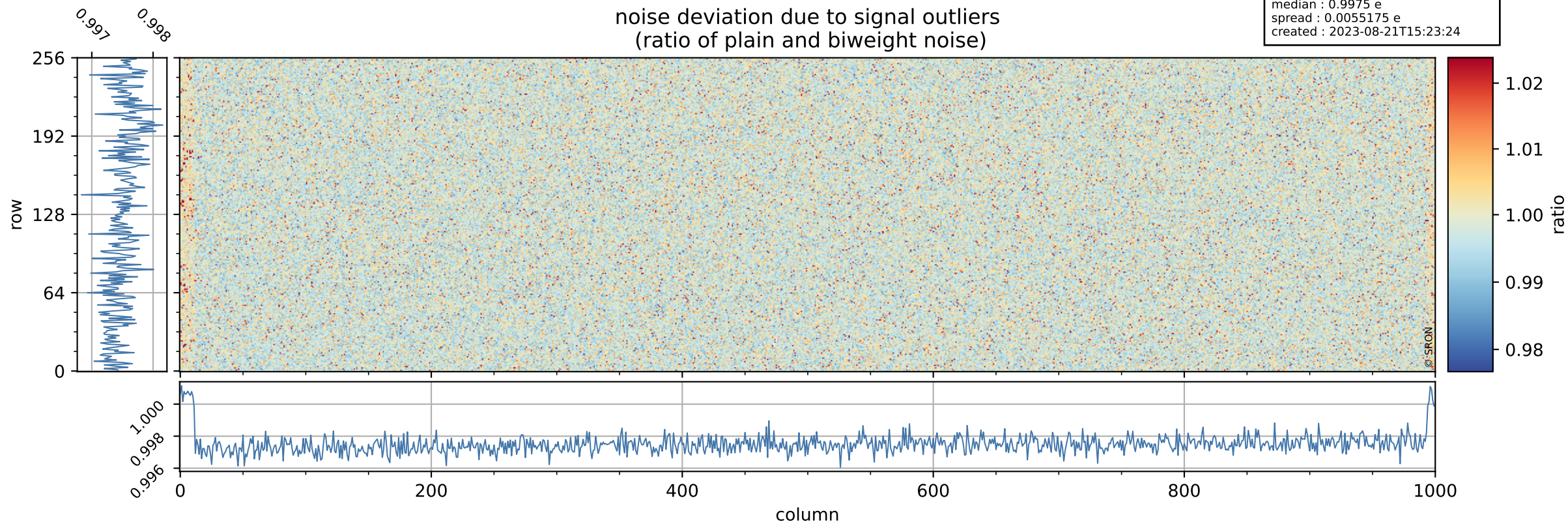
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

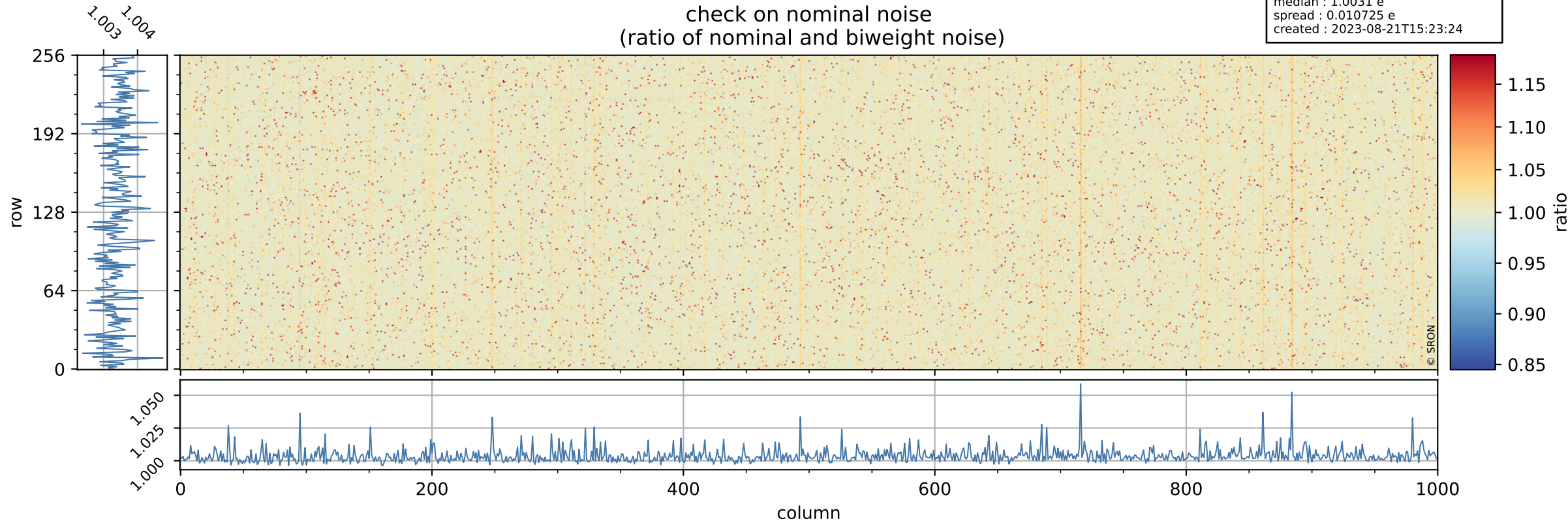
orbits : 12 in [11917, 12007]
coverage : 2020-01-31 / 2020-02-06
median : 0.9975 e
spread : 0.0055175 e
created : 2023-08-21T15:23:24



Tropomi SWIR background noise (swir)

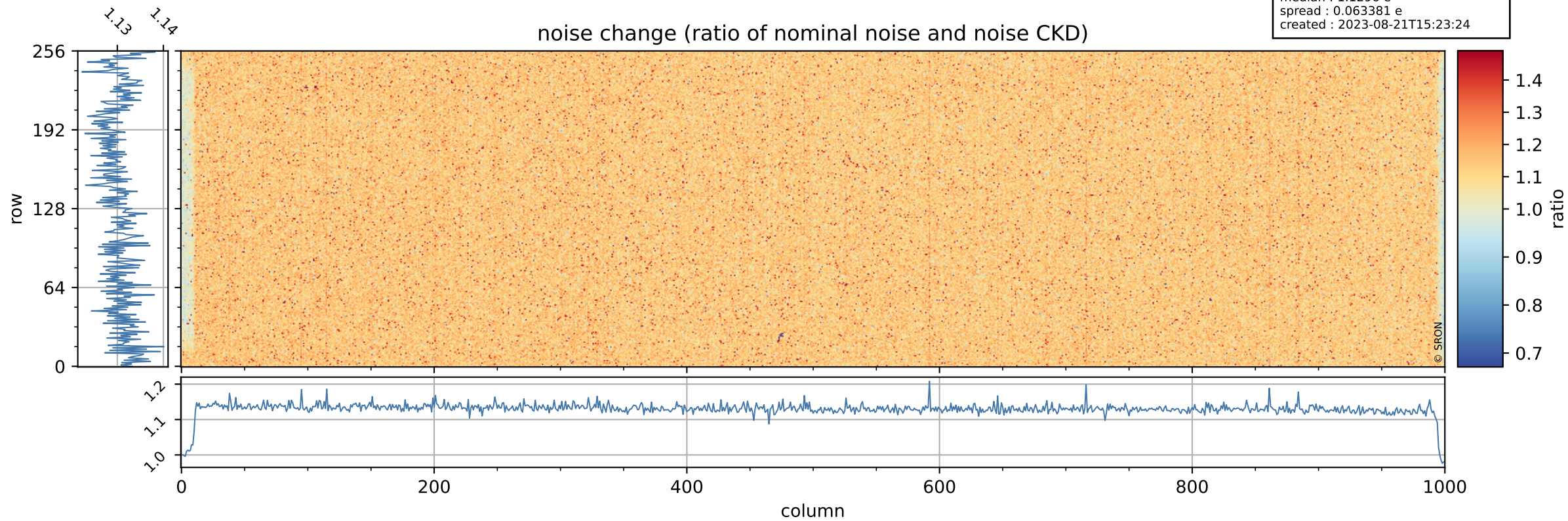
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [11917, 12007]
coverage : 2020-01-31 / 2020-02-06
median : 1.0031 e
spread : 0.010725 e
created : 2023-08-21T15:23:24



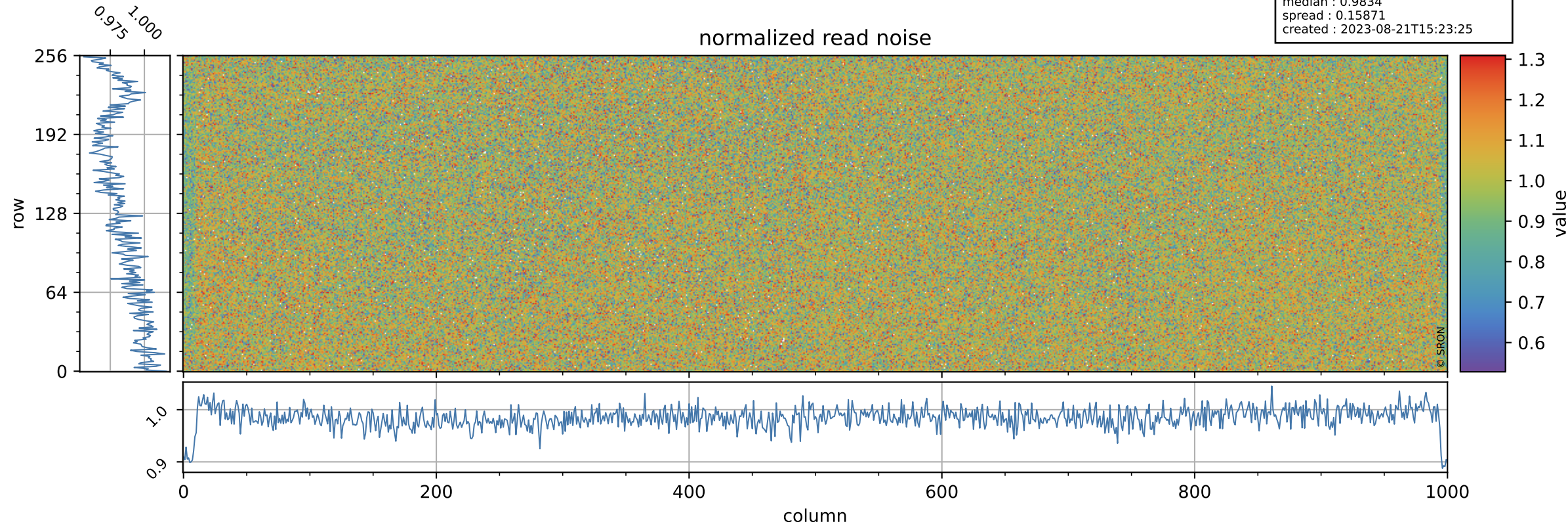
Tropomi SWIR background noise (swir)

orbits : 12 in [11917, 12007]
coverage : 2020-01-31 / 2020-02-06
median : 1.1296 e
spread : 0.063381 e
created : 2023-08-21T15:23:24



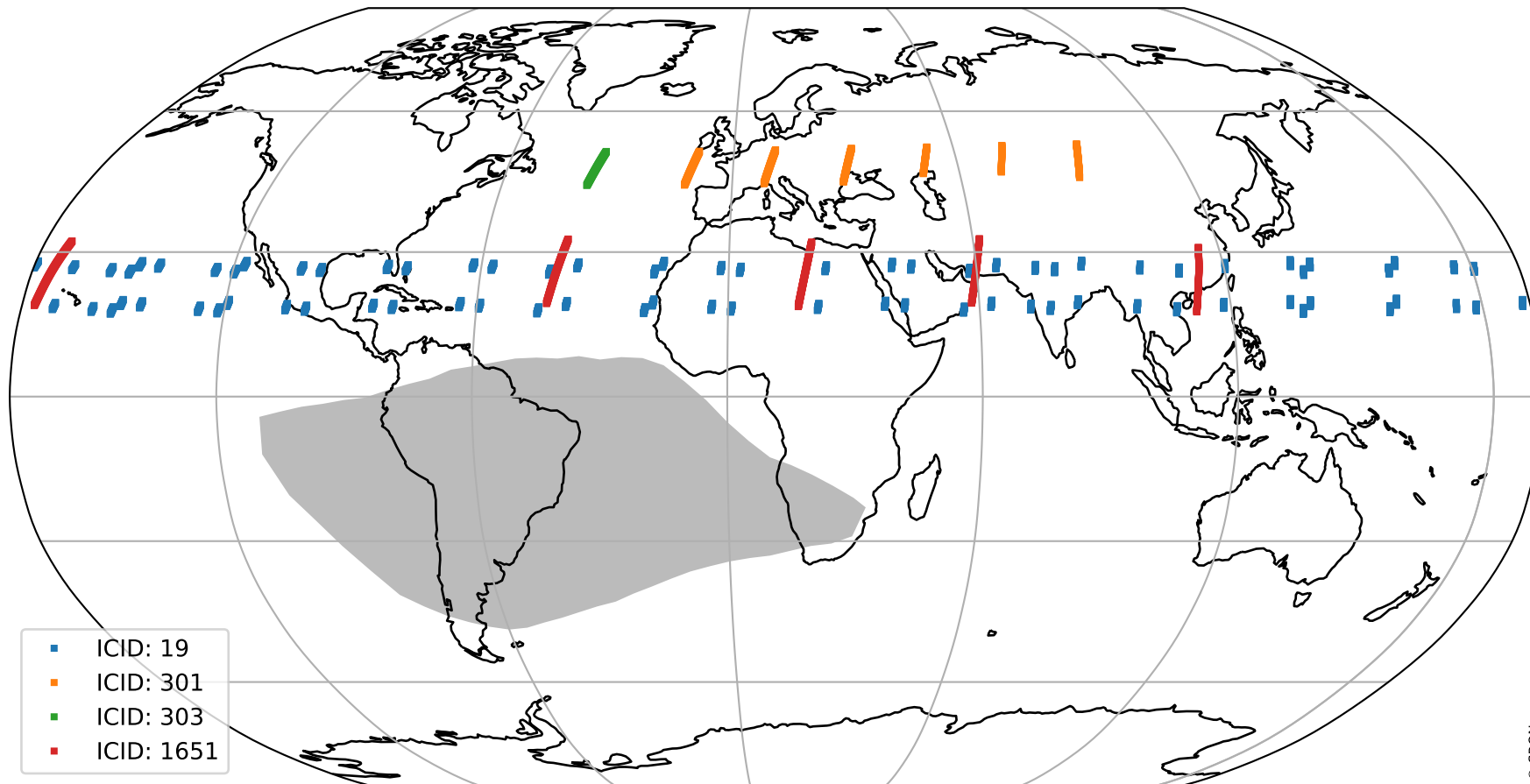
Tropomi SWIR background noise (swir)

orbits : 12 in [11917, 12007]
coverage : 2020-01-31 / 2020-02-06
median : 0.9834
spread : 0.15871
created : 2023-08-21T15:23:25



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

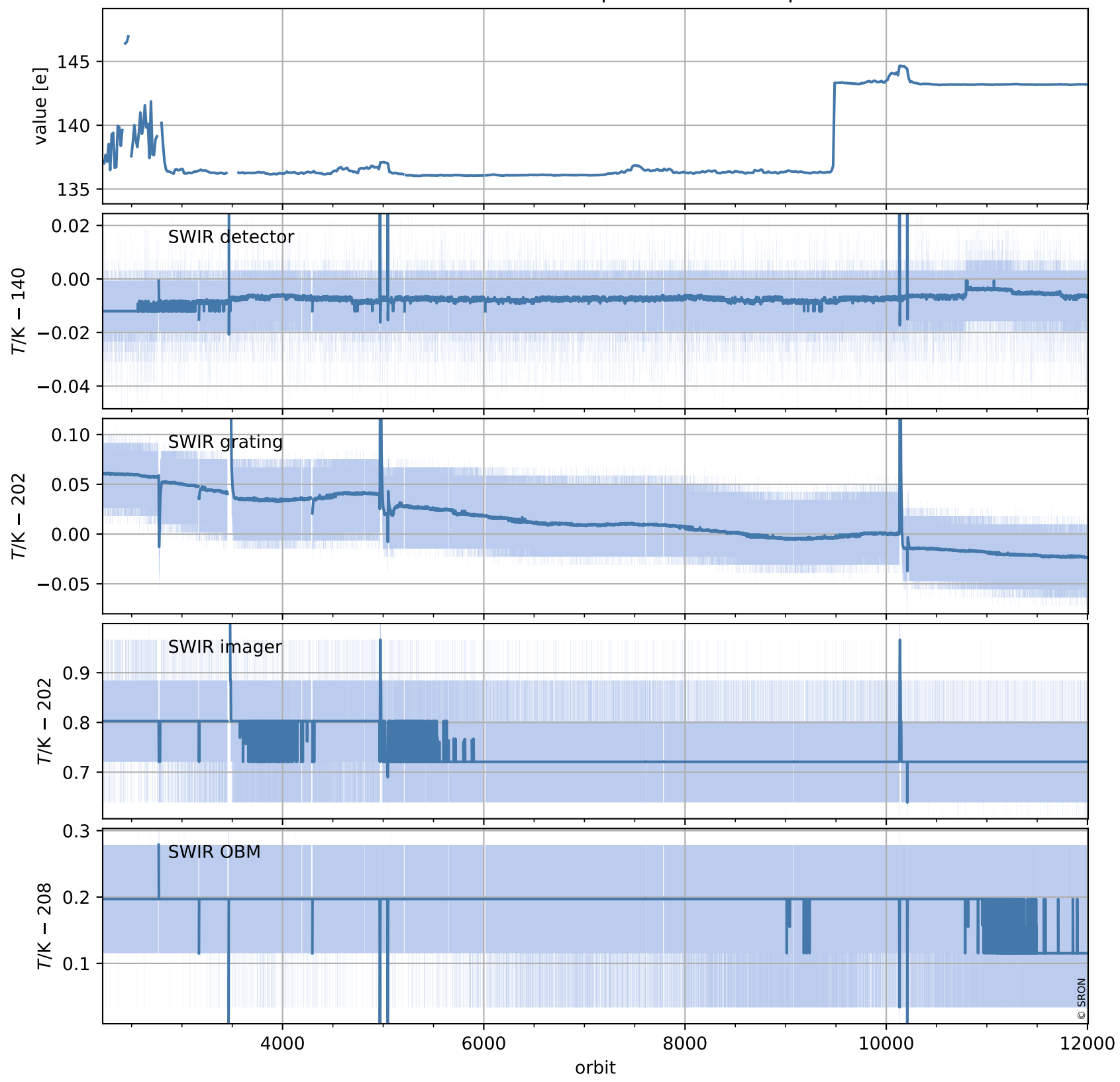
orbits : 12 in [11917, 12007]
coverage : 2020-01-31 / 2020-02-06
created : 2023-08-21T15:23:25



Tropomi SWIR background noise (swir)

orbits : [2212, 12007]
coverage : 2018-03-18 / 2020-02-06
created : 2023-08-21T15:23:25

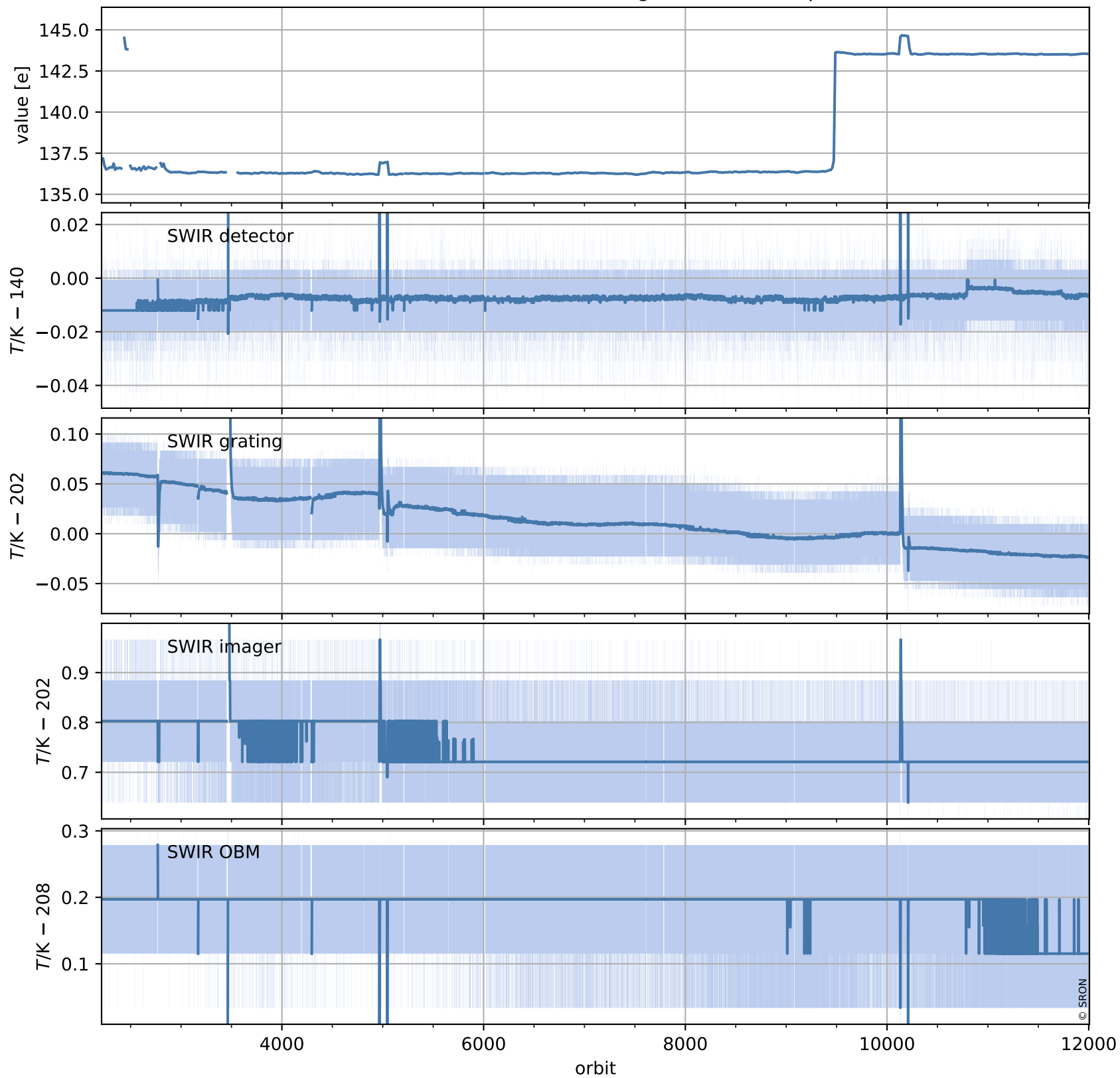
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12007]
coverage : 2018-03-18 / 2020-02-06
created : 2023-08-21T15:23:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12007]
coverage : 2018-03-18 / 2020-02-06
created : 2023-08-21T15:23:26

trend of normalized read-noise & temperatures

