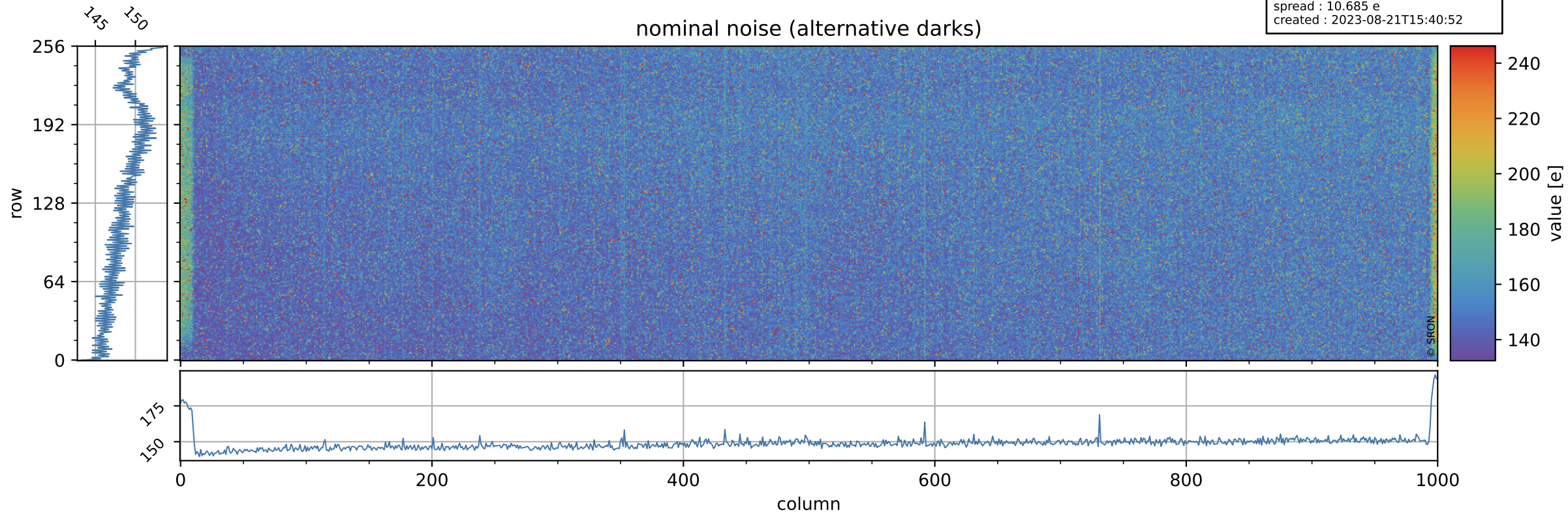


Tropomi SWIR background noise (swir)

orbits : 12 in [15157, 15232]
coverage : 2020-09-15 / 2020-09-20
n_coad, t_exp : 1, 1.0783
median : 148.49 e
spread : 10.685 e
created : 2023-08-21T15:40:52

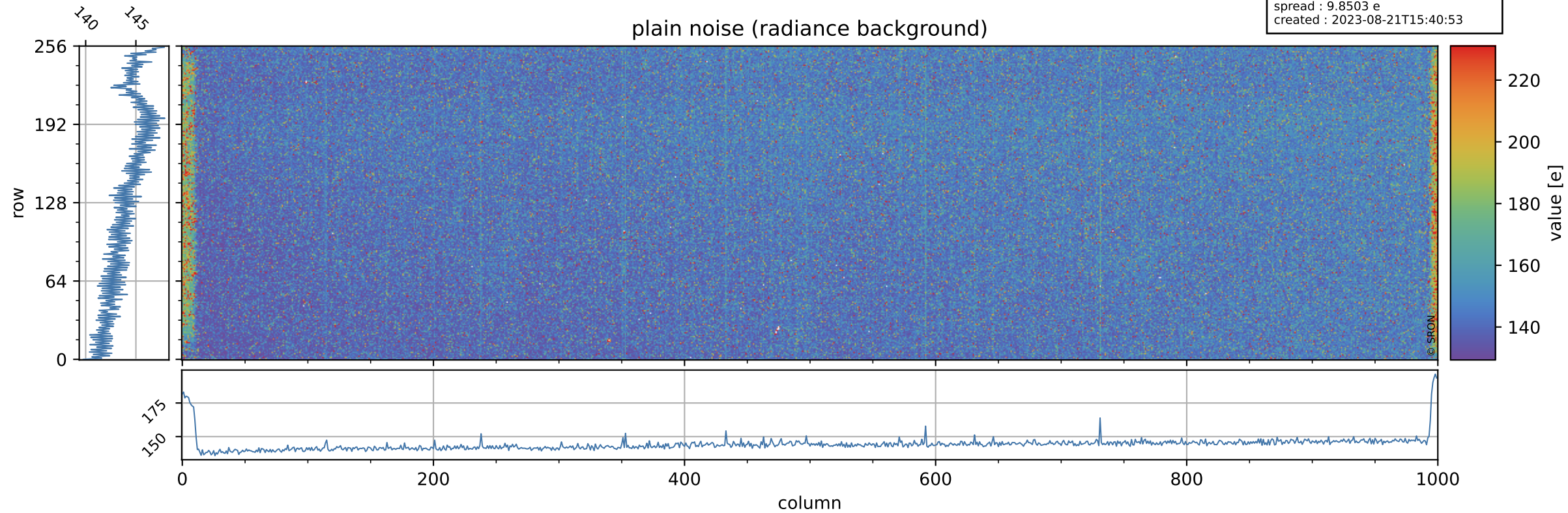
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15157, 15232]
coverage : 2020-09-15 / 2020-09-20
n_coad, t_exp : 1, 0.8383
median : 143.97 e
spread : 9.8503 e
created : 2023-08-21T15:40:53

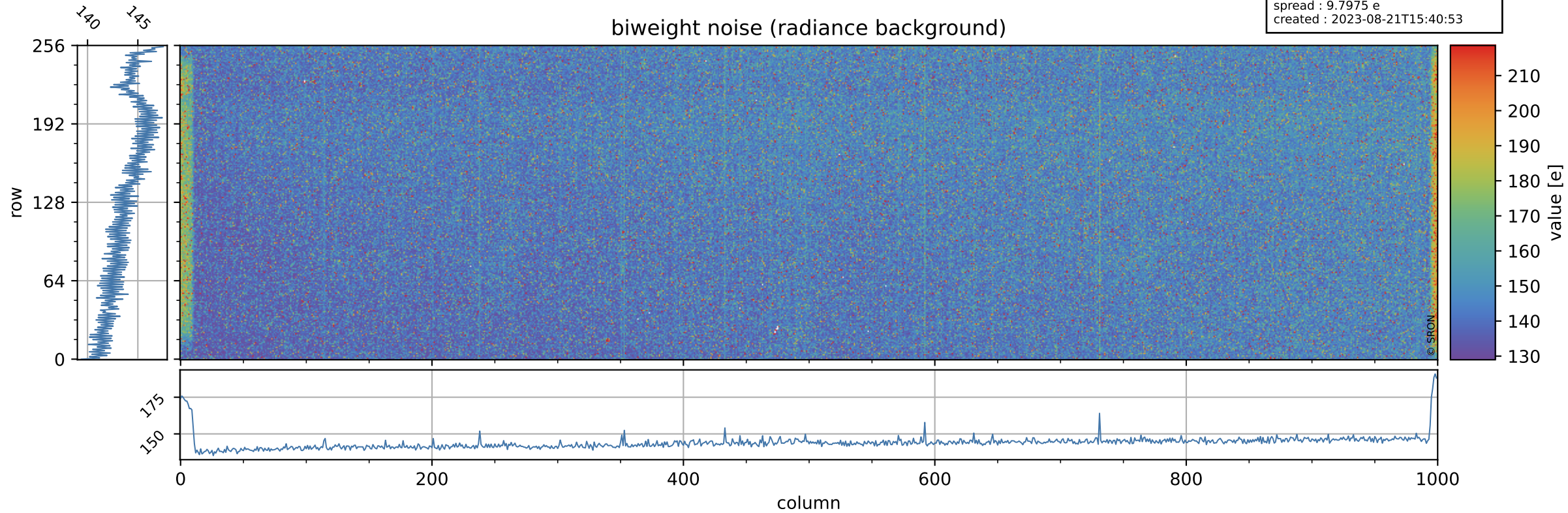
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15157, 15232]
coverage : 2020-09-15 / 2020-09-20
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.7975 e
created : 2023-08-21T15:40:53

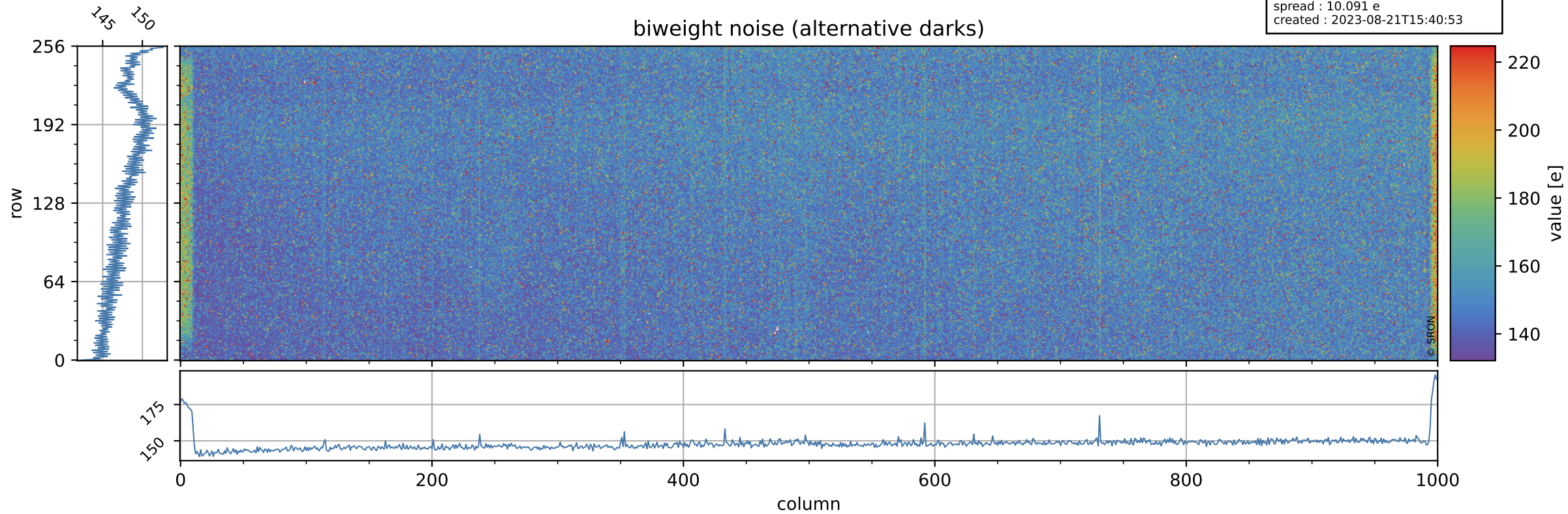
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15157, 15232]
coverage : 2020-09-15 / 2020-09-20
n_coad, t_exp : 1, 1.0783
median : 147.66 e
spread : 10.091 e
created : 2023-08-21T15:40:53

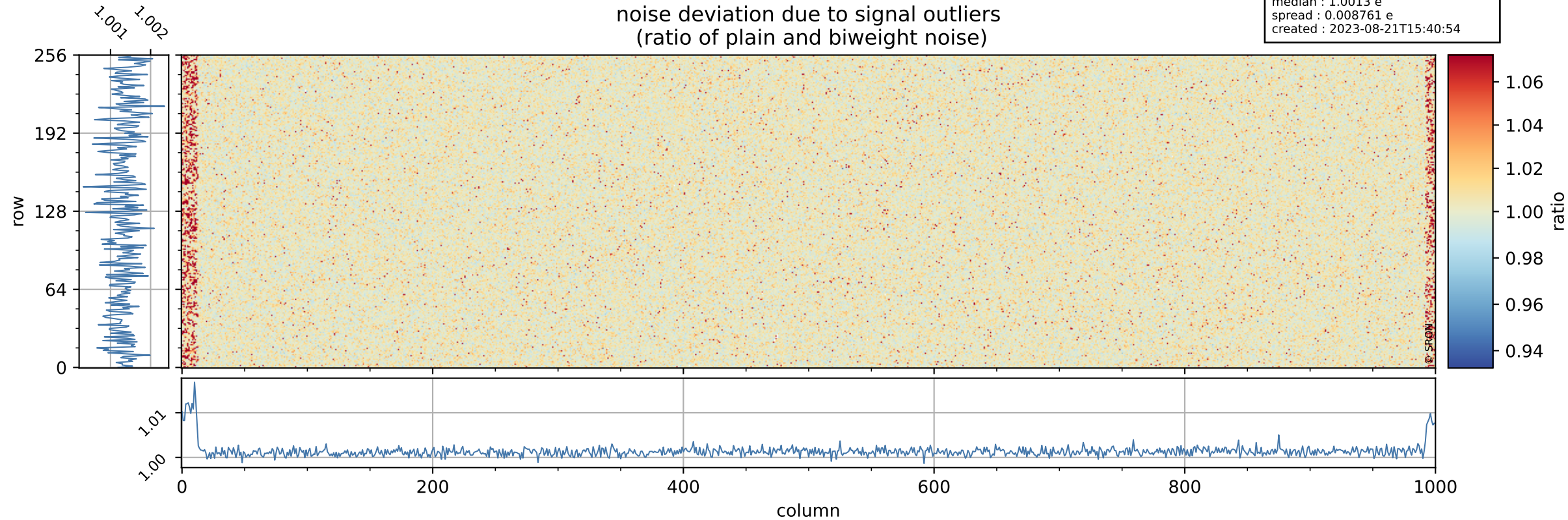
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

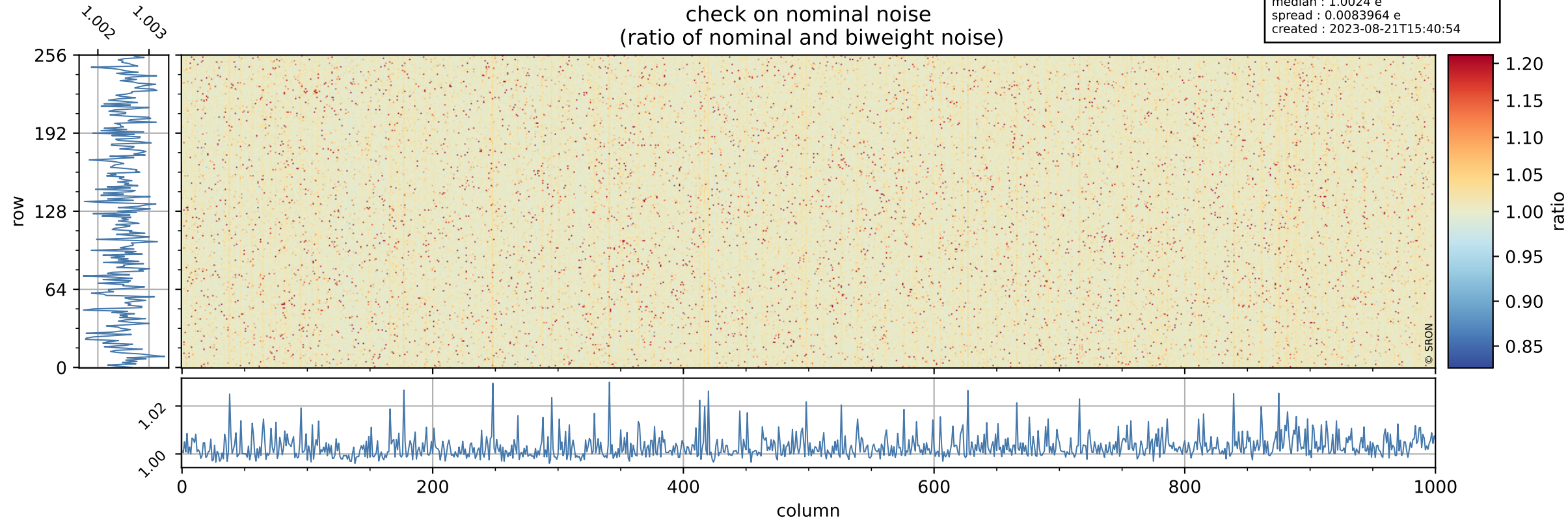
orbits : 12 in [15157, 15232]
coverage : 2020-09-15 / 2020-09-20
median : 1.0013 e
spread : 0.008761 e
created : 2023-08-21T15:40:54



Tropomi SWIR background noise (swir)

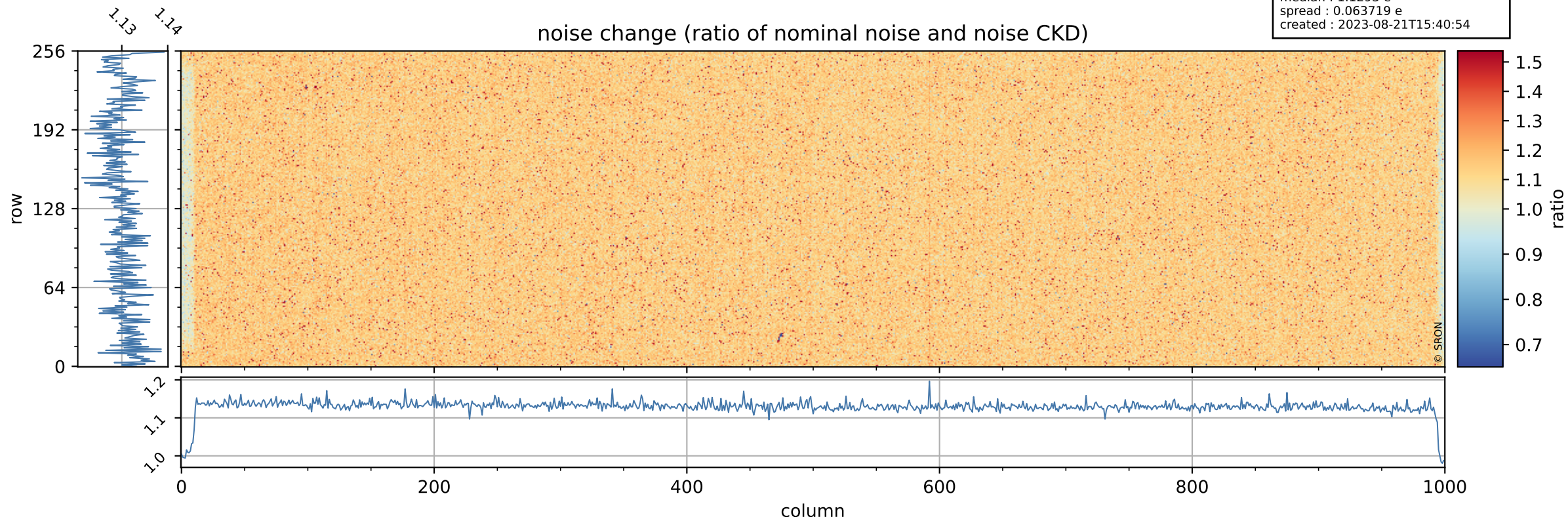
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15157, 15232]
coverage : 2020-09-15 / 2020-09-20
median : 1.0024 e
spread : 0.0083964 e
created : 2023-08-21T15:40:54



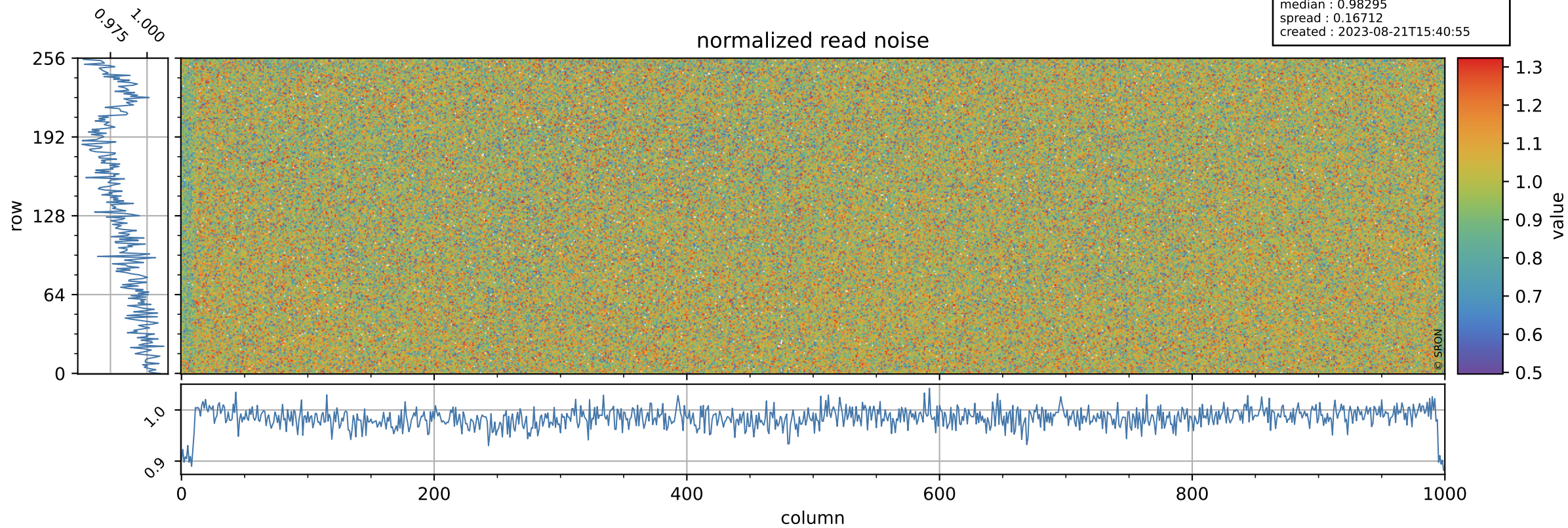
Tropomi SWIR background noise (swir)

orbits : 12 in [15157, 15232]
coverage : 2020-09-15 / 2020-09-20
median : 1.1293 e
spread : 0.063719 e
created : 2023-08-21T15:40:54



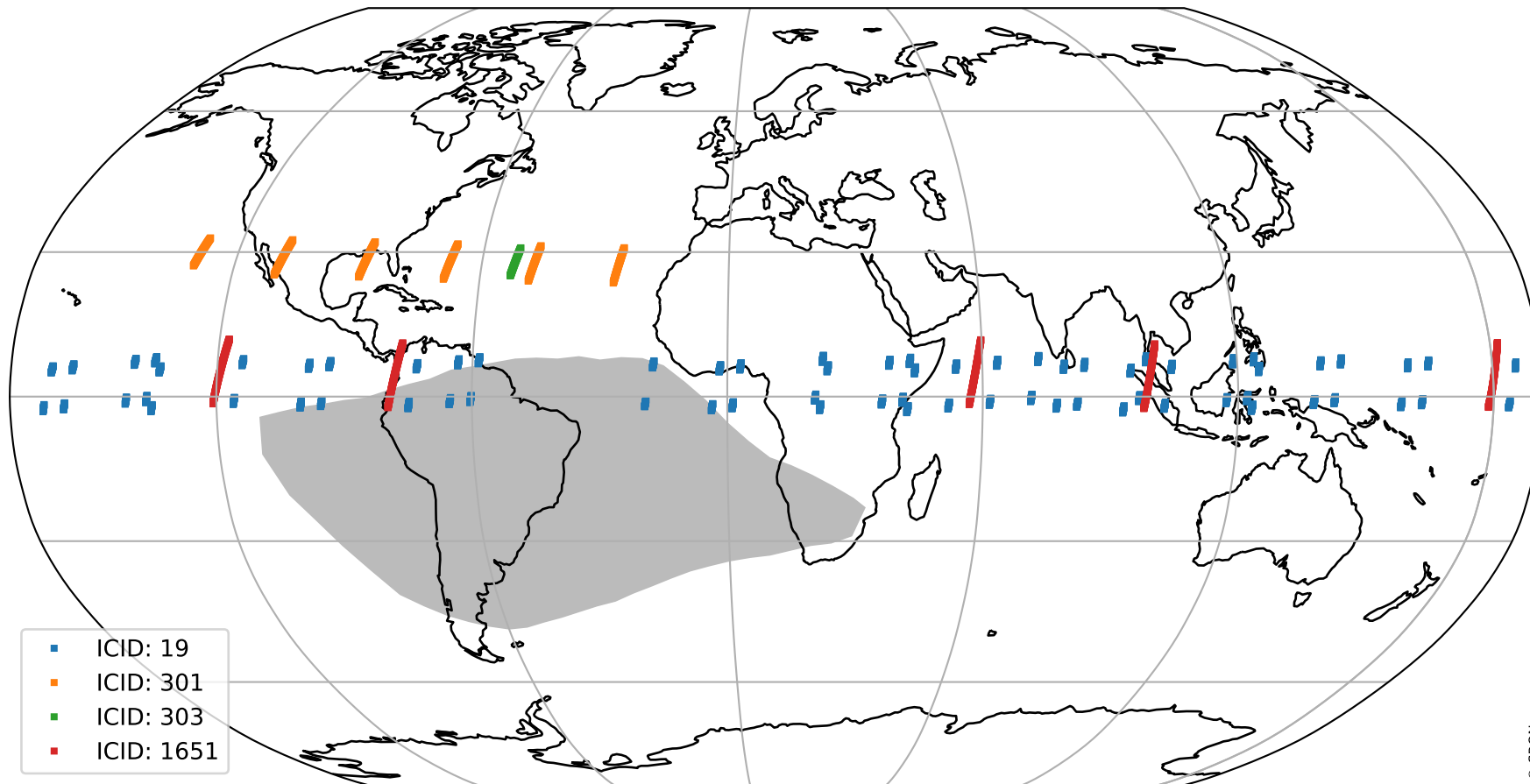
Tropomi SWIR background noise (swir)

orbits : 12 in [15157, 15232]
coverage : 2020-09-15 / 2020-09-20
median : 0.98295
spread : 0.16712
created : 2023-08-21T15:40:55



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

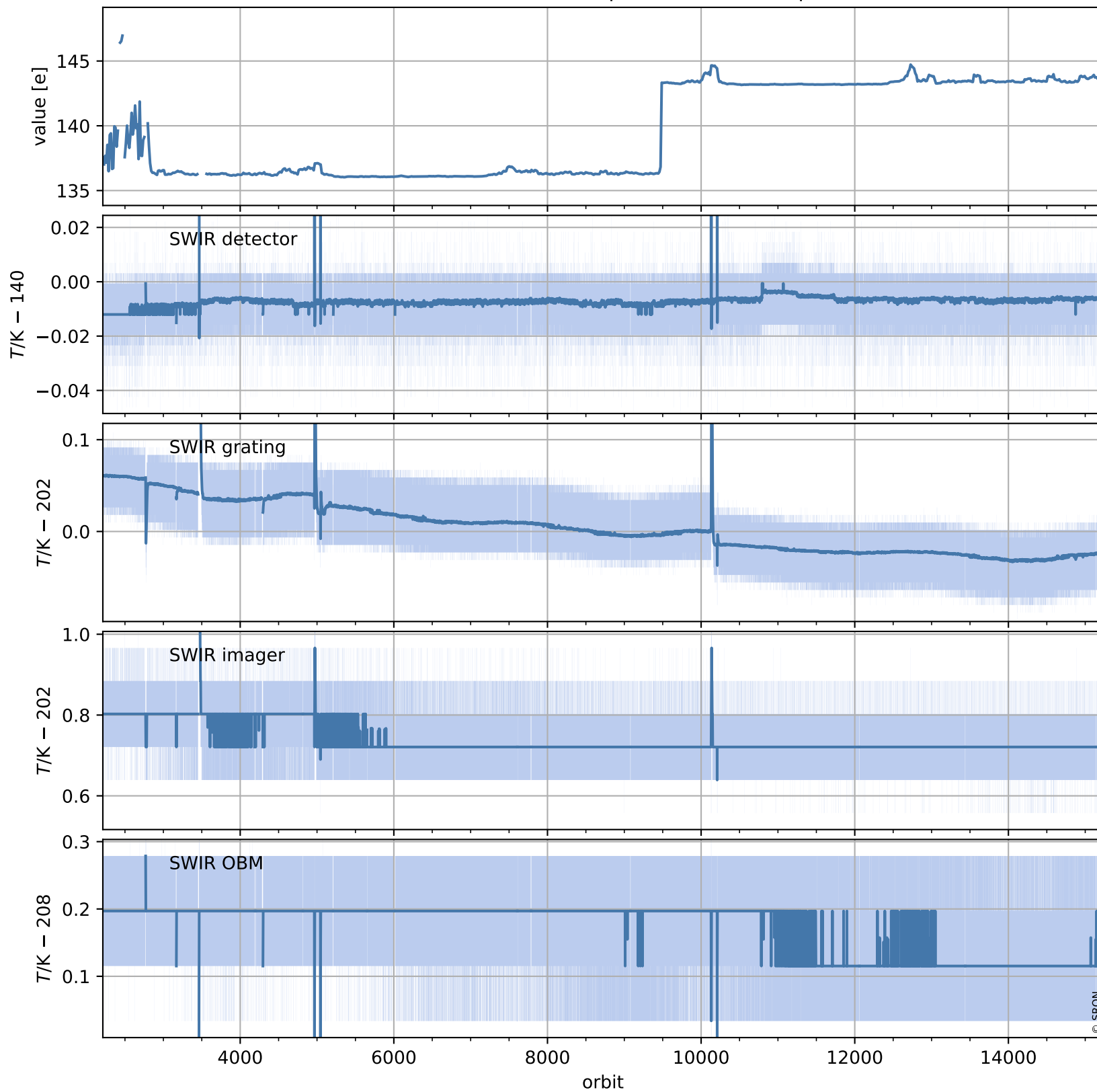
orbits : 12 in [15157, 15232]
coverage : 2020-09-15 / 2020-09-20
created : 2023-08-21T15:40:55



Tropomi SWIR background noise (swir)

orbits : [2212, 15232]
coverage : 2018-03-18 / 2020-09-20
created : 2023-08-21T15:40:55

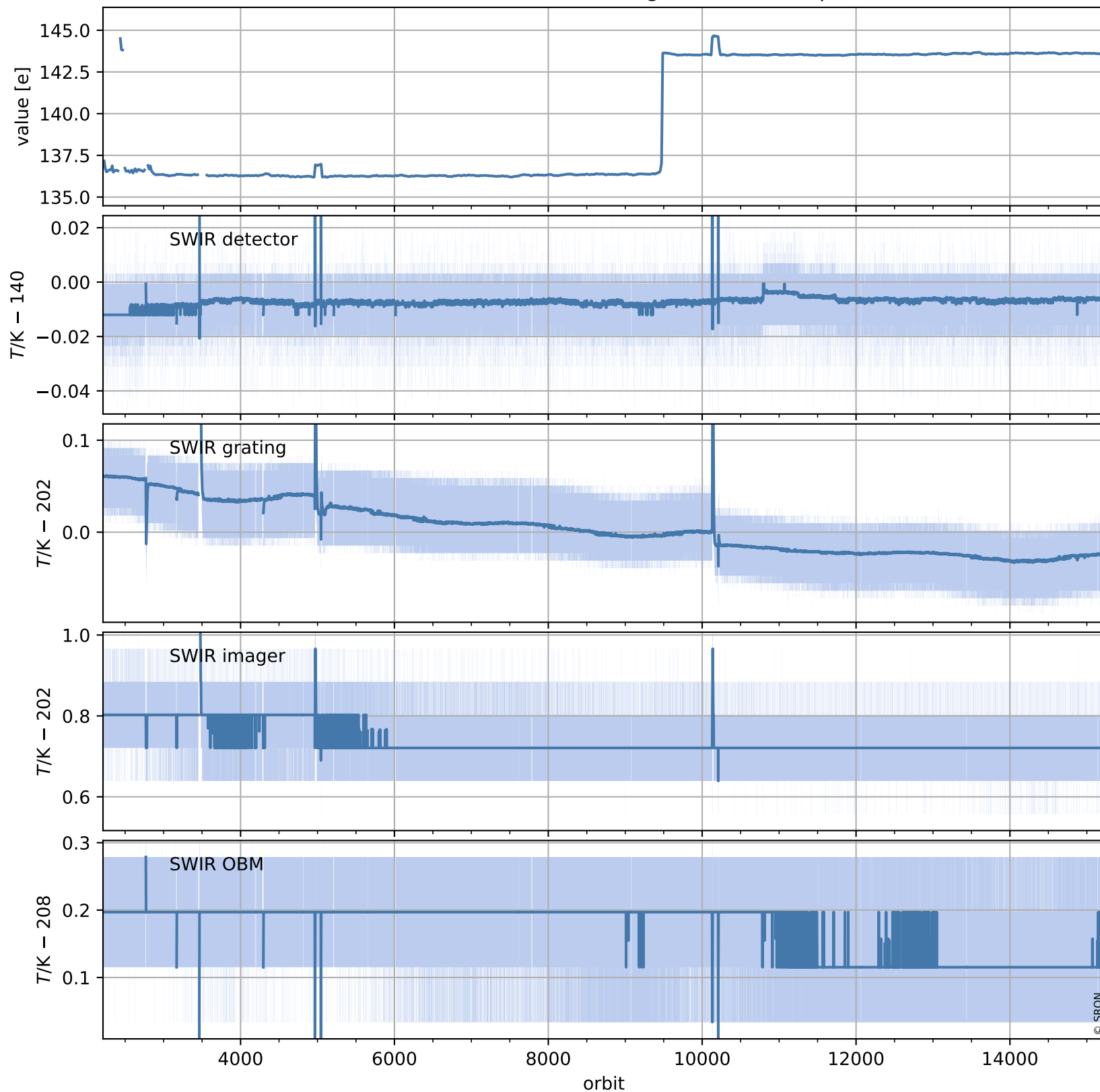
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15232]
coverage : 2018-03-18 / 2020-09-20
created : 2023-08-21T15:40:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15232]
coverage : 2018-03-18 / 2020-09-20
created : 2023-08-21T15:40:56

trend of normalized read-noise & temperatures

