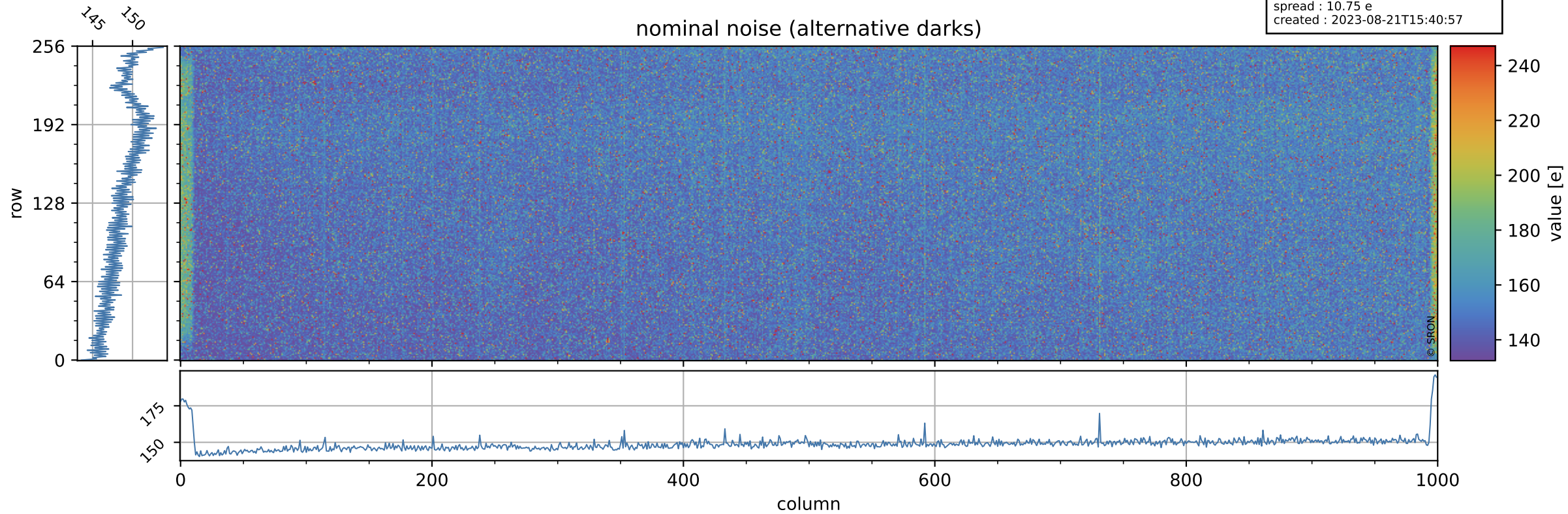


Tropomi SWIR background noise (swir)

orbits : 12 in [15157, 15247]
coverage : 2020-09-16 / 2020-09-22
n_coad, t_exp : 1, 1.0783
median : 148.6 e
spread : 10.75 e
created : 2023-08-21T15:40:57

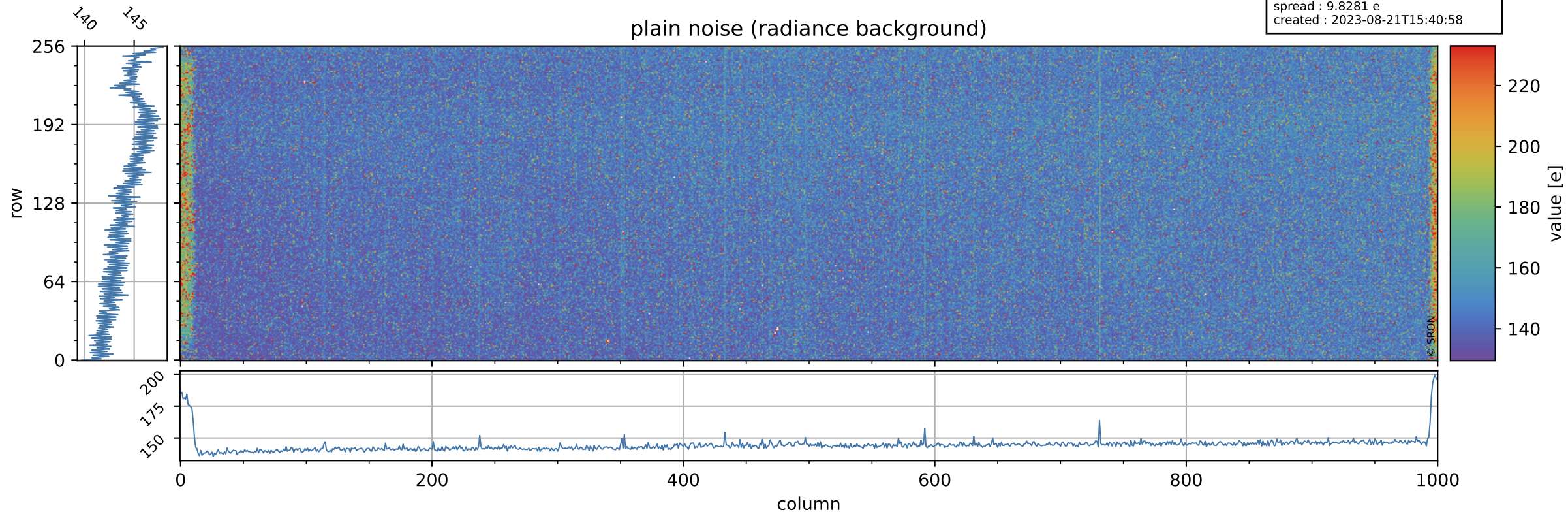
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15157, 15247]
coverage : 2020-09-16 / 2020-09-22
n_coad, t_exp : 1, 0.8383
median : 144.07 e
spread : 9.8281 e
created : 2023-08-21T15:40:58

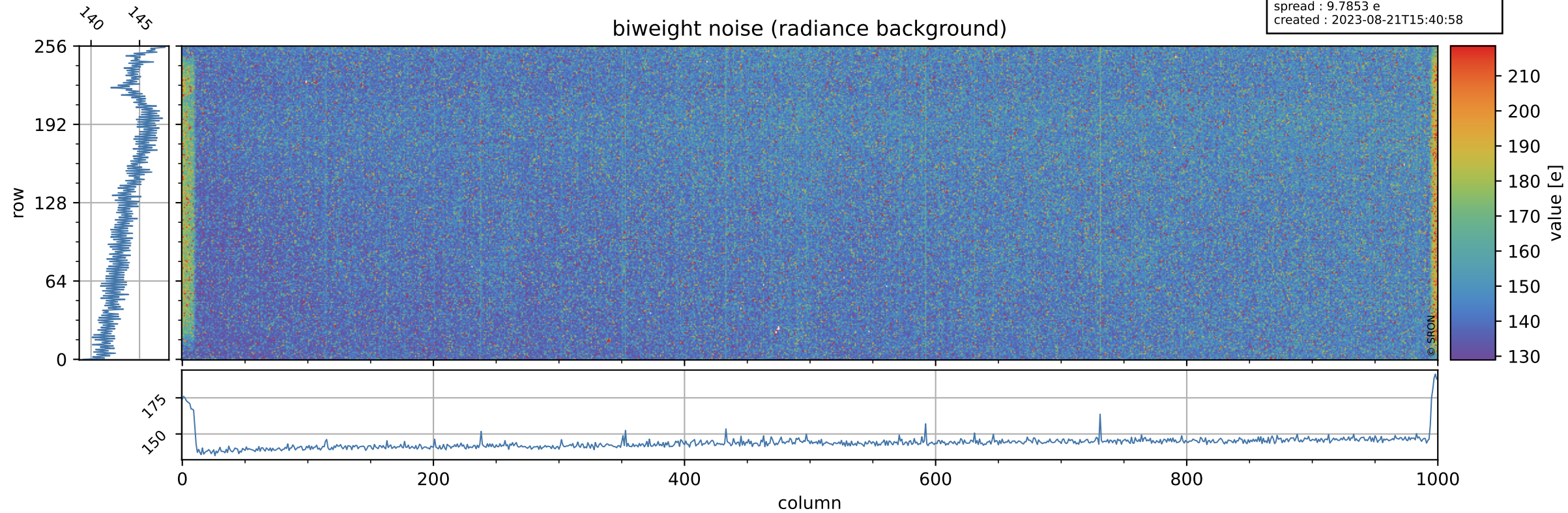
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15157, 15247]
coverage : 2020-09-16 / 2020-09-22
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.7853 e
created : 2023-08-21T15:40:58

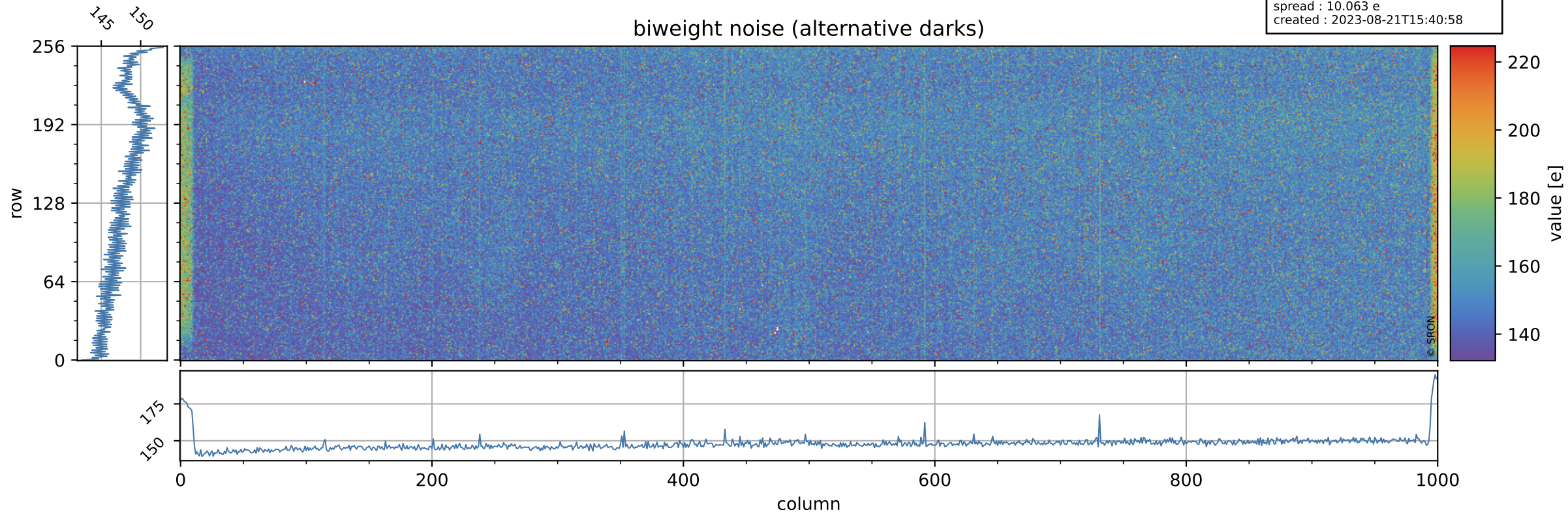
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15157, 15247]
coverage : 2020-09-16 / 2020-09-22
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.063 e
created : 2023-08-21T15:40:58

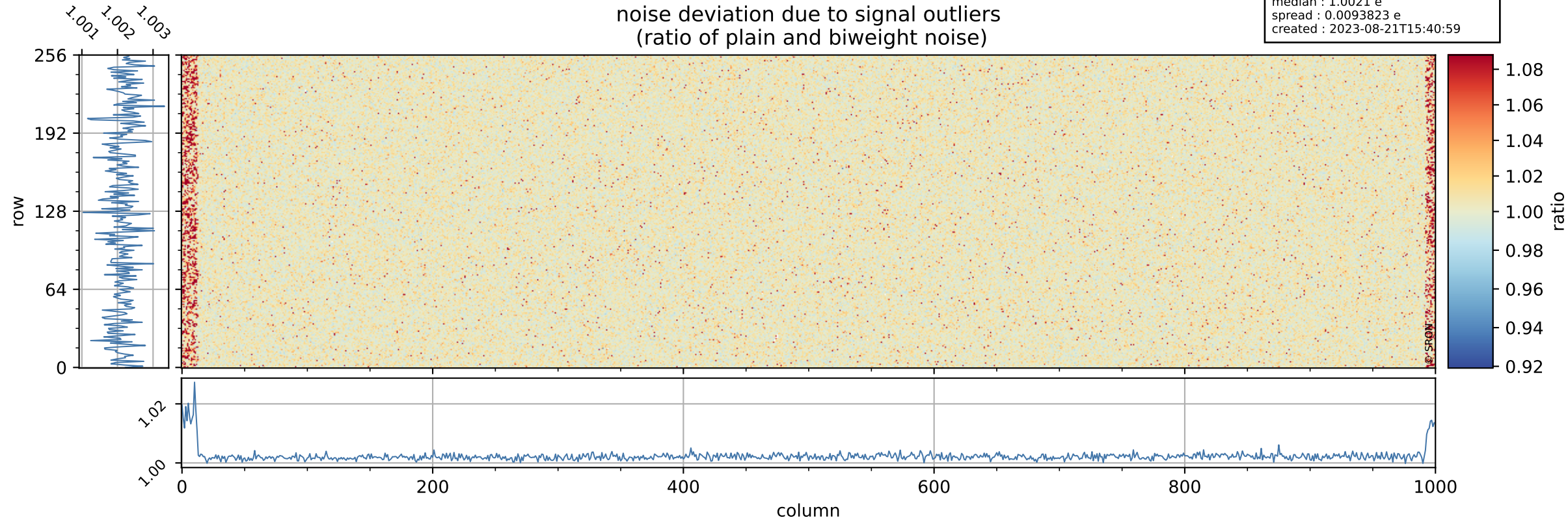
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

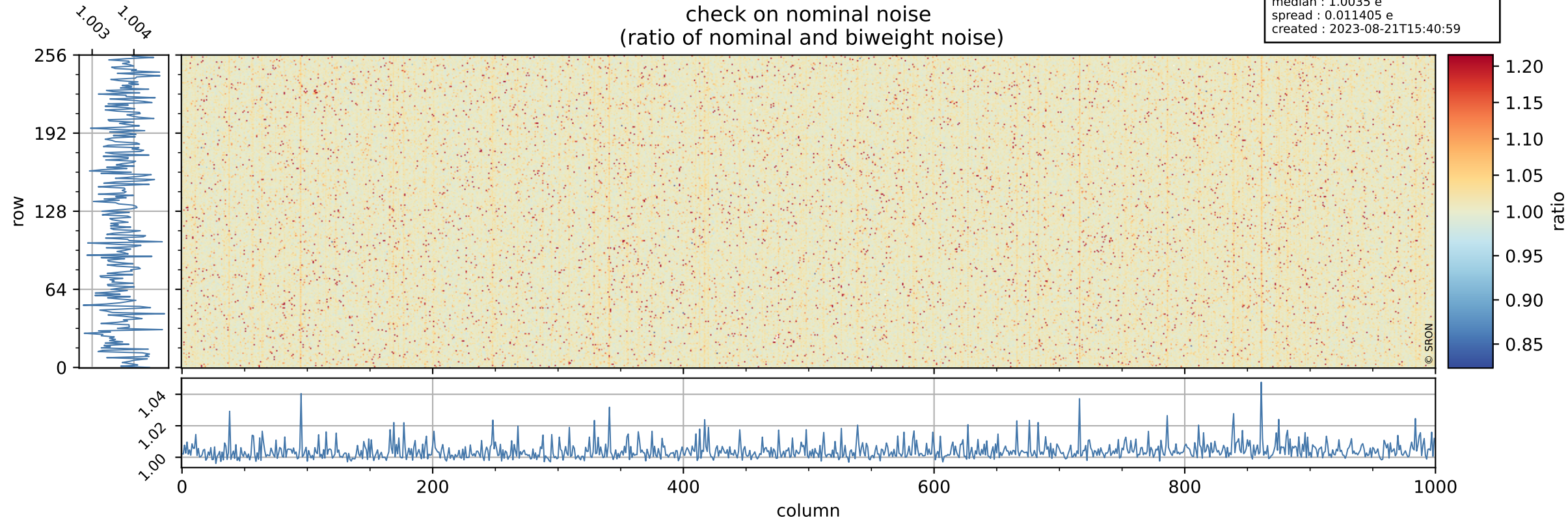
orbits : 12 in [15157, 15247]
coverage : 2020-09-16 / 2020-09-22
median : 1.0021 e
spread : 0.0093823 e
created : 2023-08-21T15:40:59



Tropomi SWIR background noise (swir)

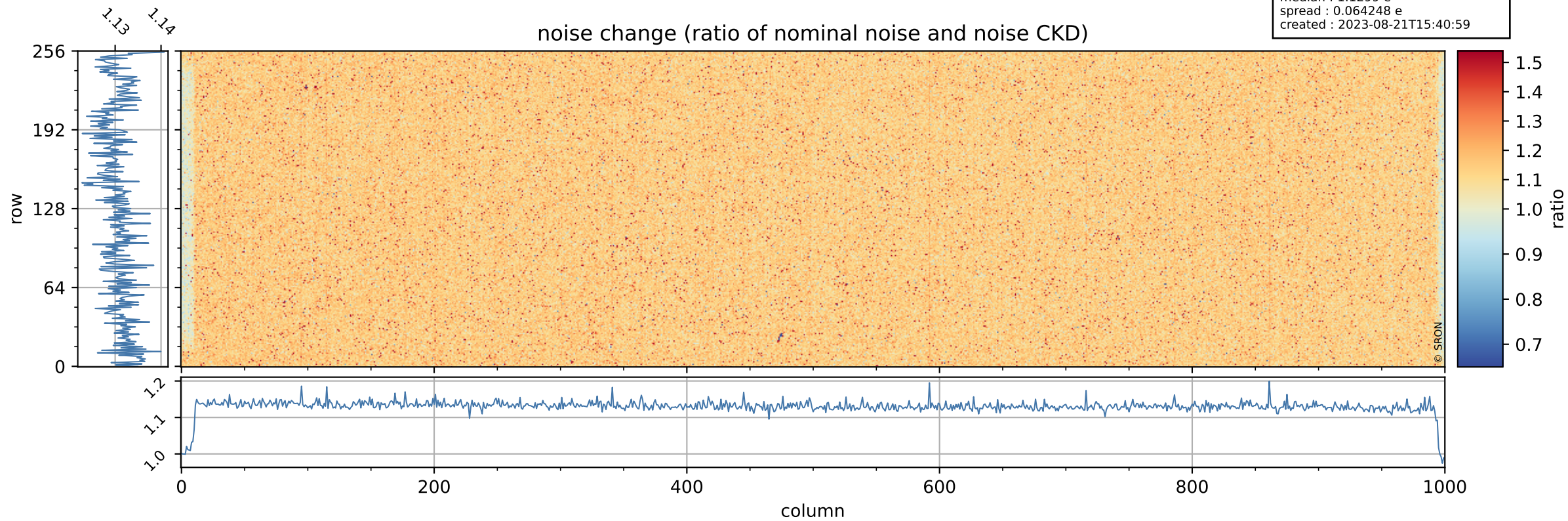
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15157, 15247]
coverage : 2020-09-16 / 2020-09-22
median : 1.0035 e
spread : 0.011405 e
created : 2023-08-21T15:40:59



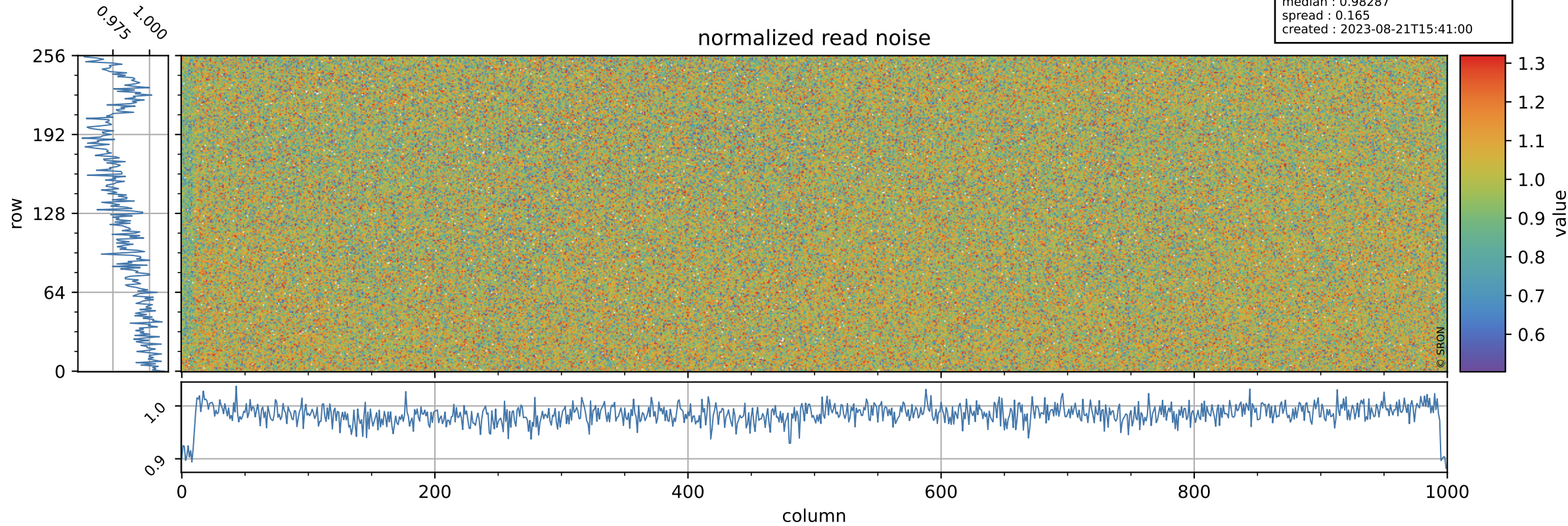
Tropomi SWIR background noise (swir)

orbits : 12 in [15157, 15247]
coverage : 2020-09-16 / 2020-09-22
median : 1.1299 e
spread : 0.064248 e
created : 2023-08-21T15:40:59



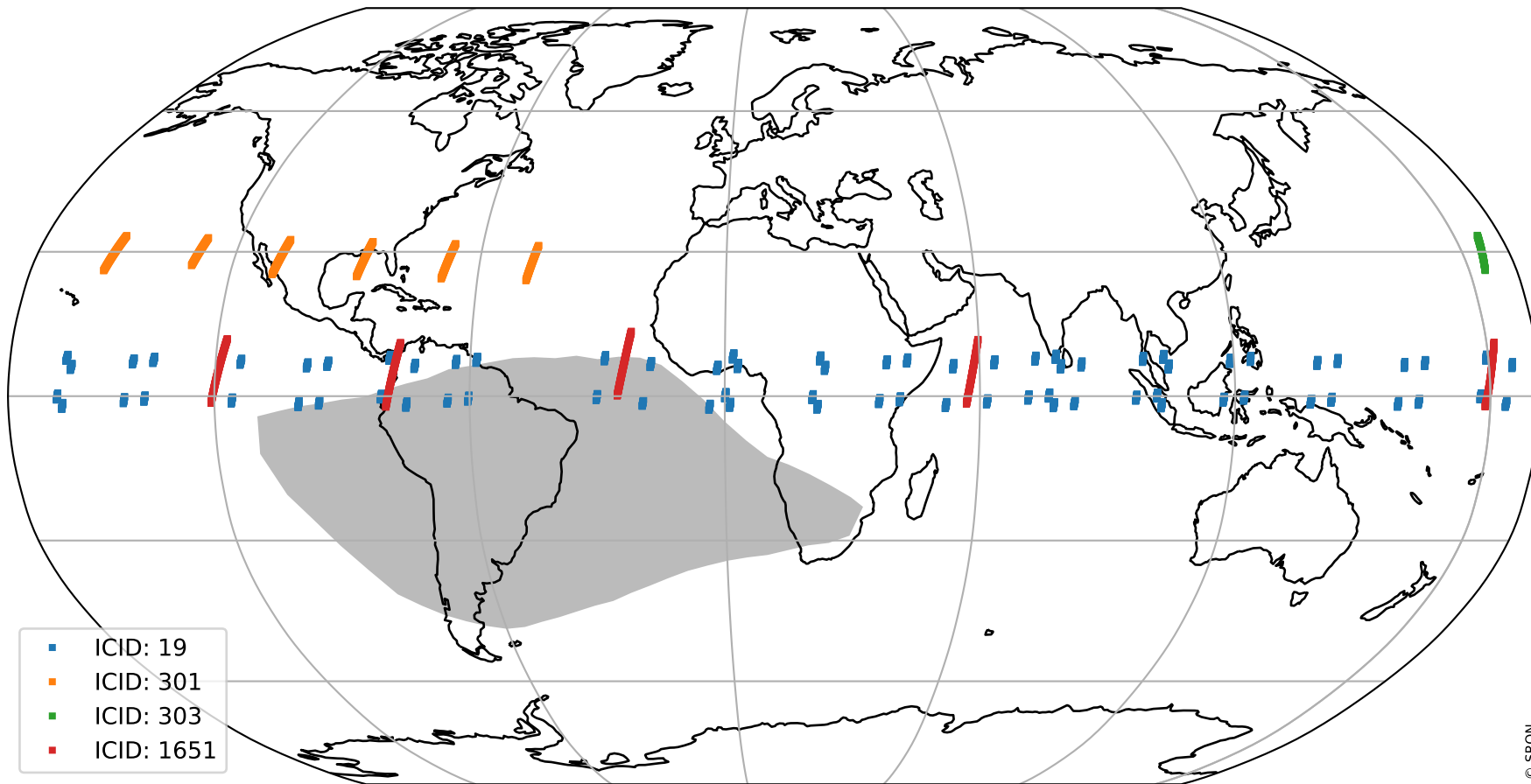
Tropomi SWIR background noise (swir)

orbits : 12 in [15157, 15247]
coverage : 2020-09-16 / 2020-09-22
median : 0.98287
spread : 0.165
created : 2023-08-21T15:41:00



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

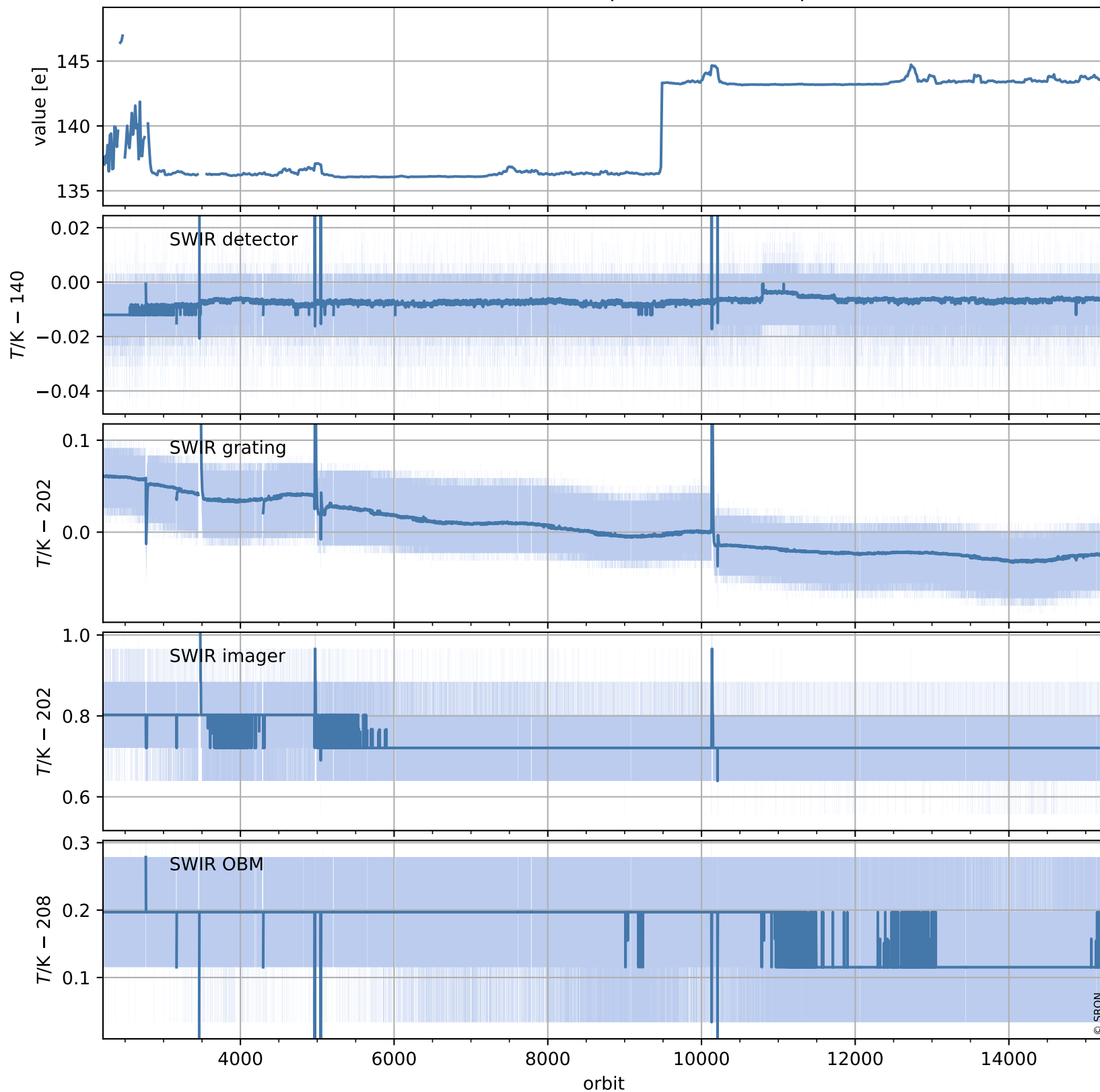
orbits : 12 in [15157, 15247]
coverage : 2020-09-16 / 2020-09-22
created : 2023-08-21T15:41:00



Tropomi SWIR background noise (swir)

orbits : [2212, 15247]
coverage : 2018-03-18 / 2020-09-22
created : 2023-08-21T15:41:00

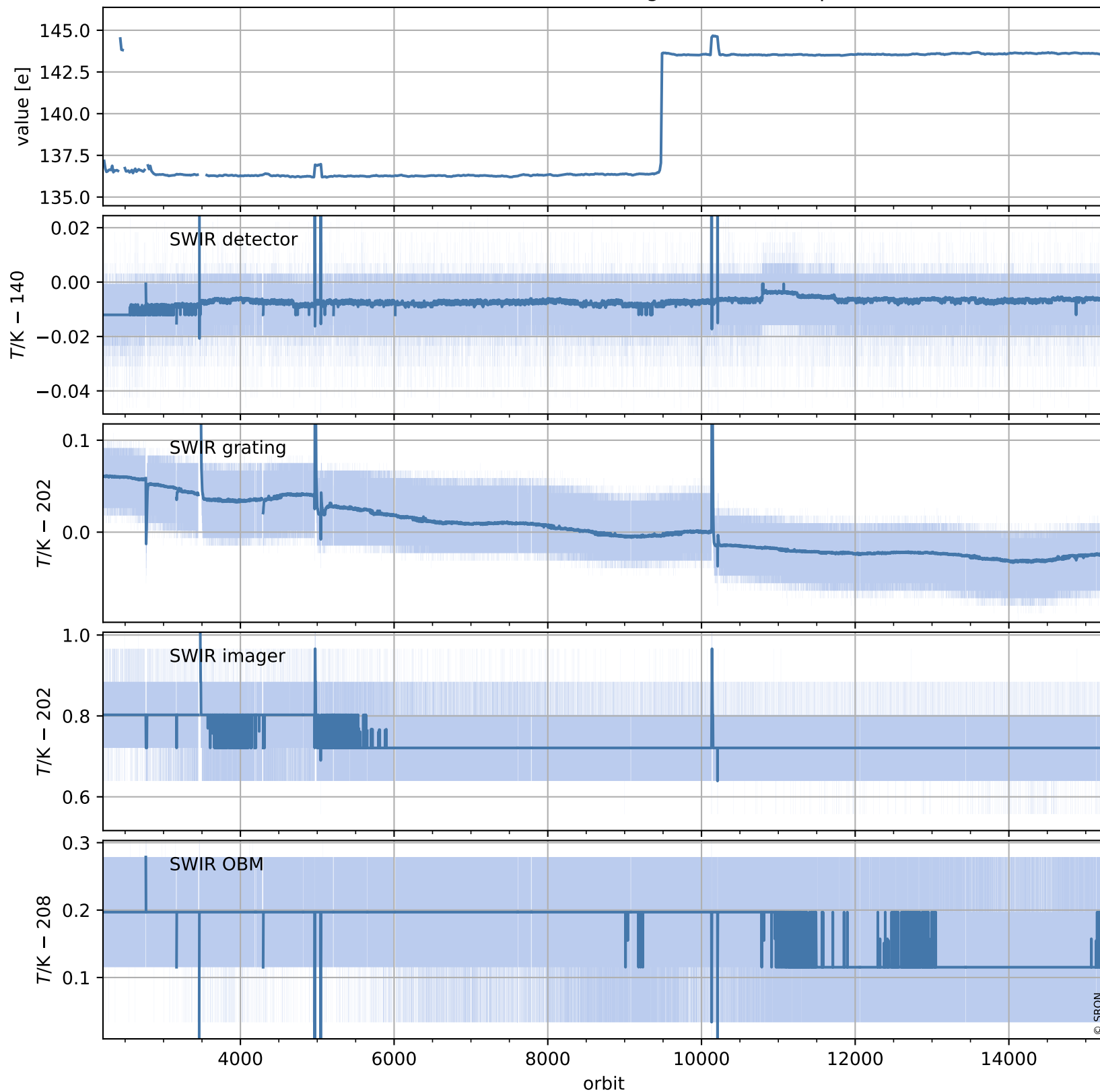
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15247]
coverage : 2018-03-18 / 2020-09-22
created : 2023-08-21T15:41:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15247]
coverage : 2018-03-18 / 2020-09-22
created : 2023-08-21T15:41:01

trend of normalized read-noise & temperatures

