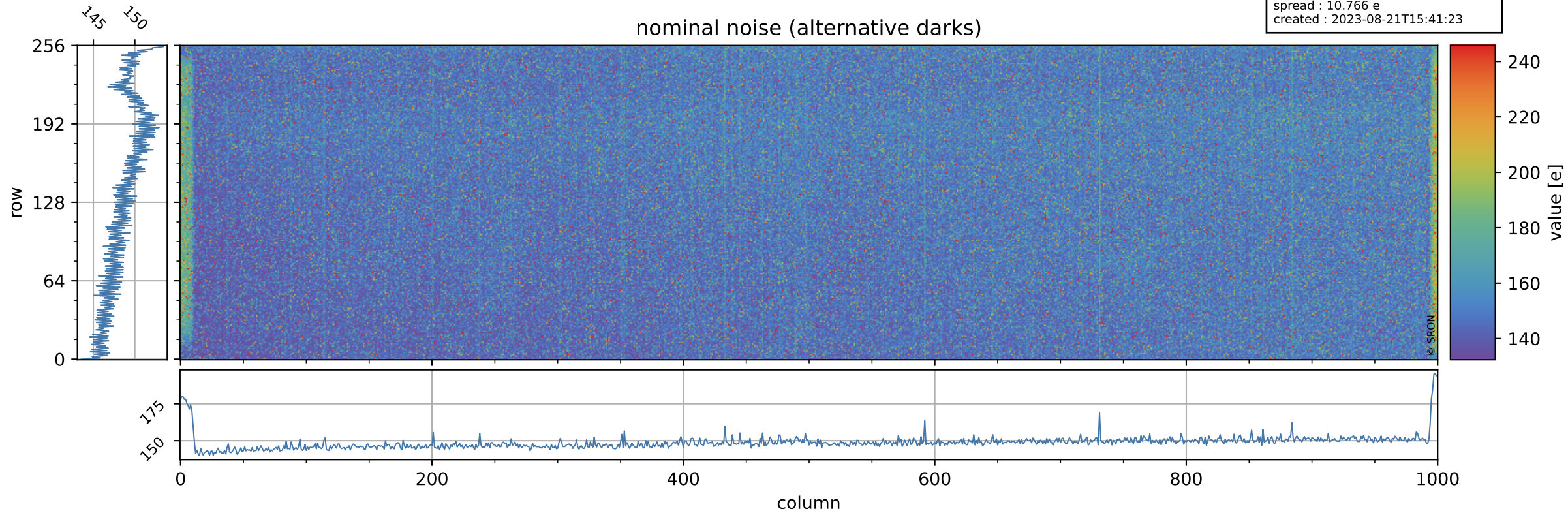


Tropomi SWIR background noise (swir)

orbits : 12 in [15247, 15322]
coverage : 2020-09-21 / 2020-09-26
n_coad, t_exp : 1, 1.0783
median : 148.57 e
spread : 10.766 e
created : 2023-08-21T15:41:23

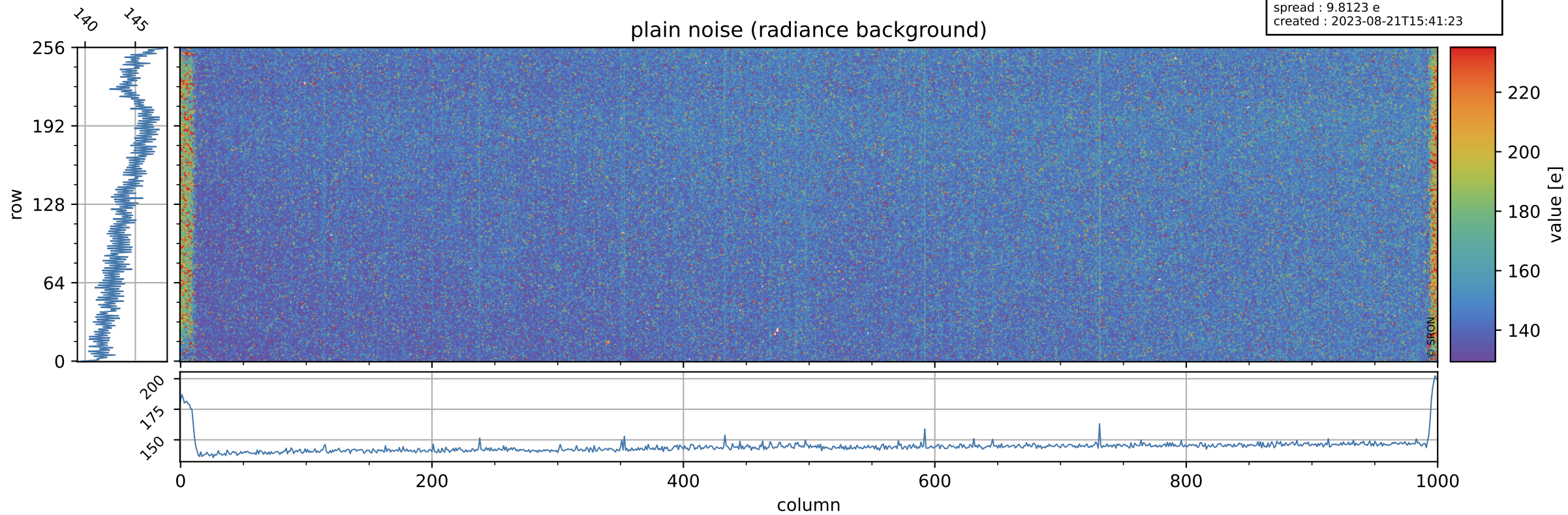
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15247, 15322]
coverage : 2020-09-21 / 2020-09-26
n_coad, t_exp : 1, 0.8383
median : 143.94 e
spread : 9.8123 e
created : 2023-08-21T15:41:23

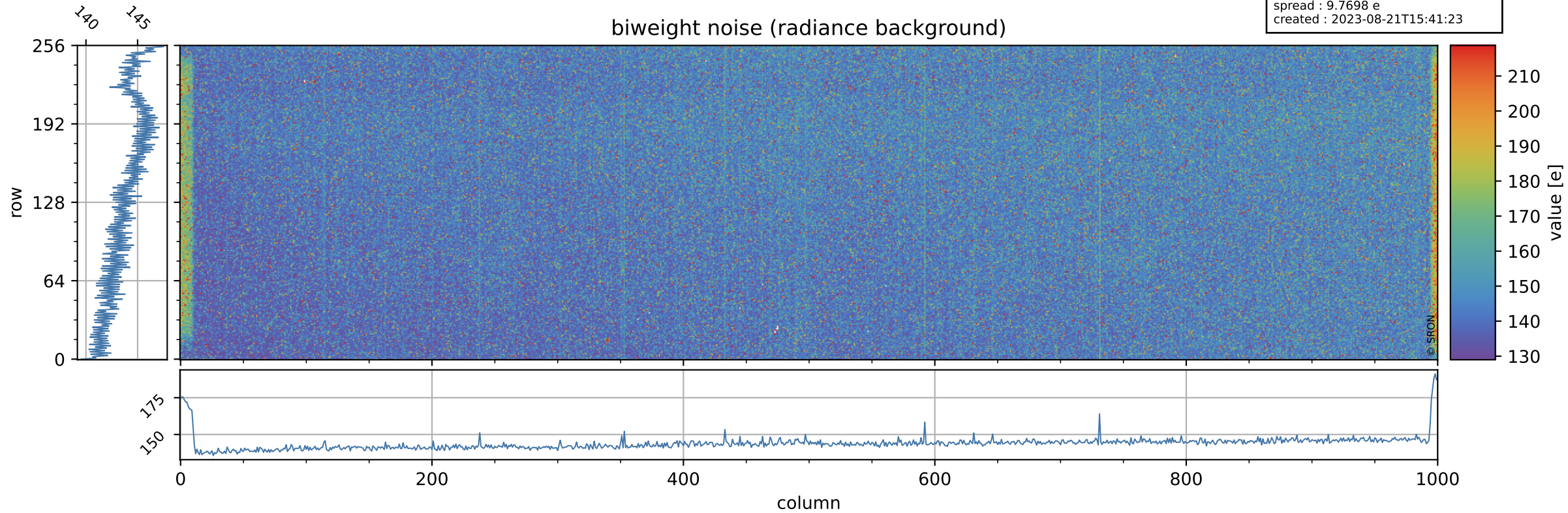
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15247, 15322]
coverage : 2020-09-21 / 2020-09-26
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 9.7698 e
created : 2023-08-21T15:41:23

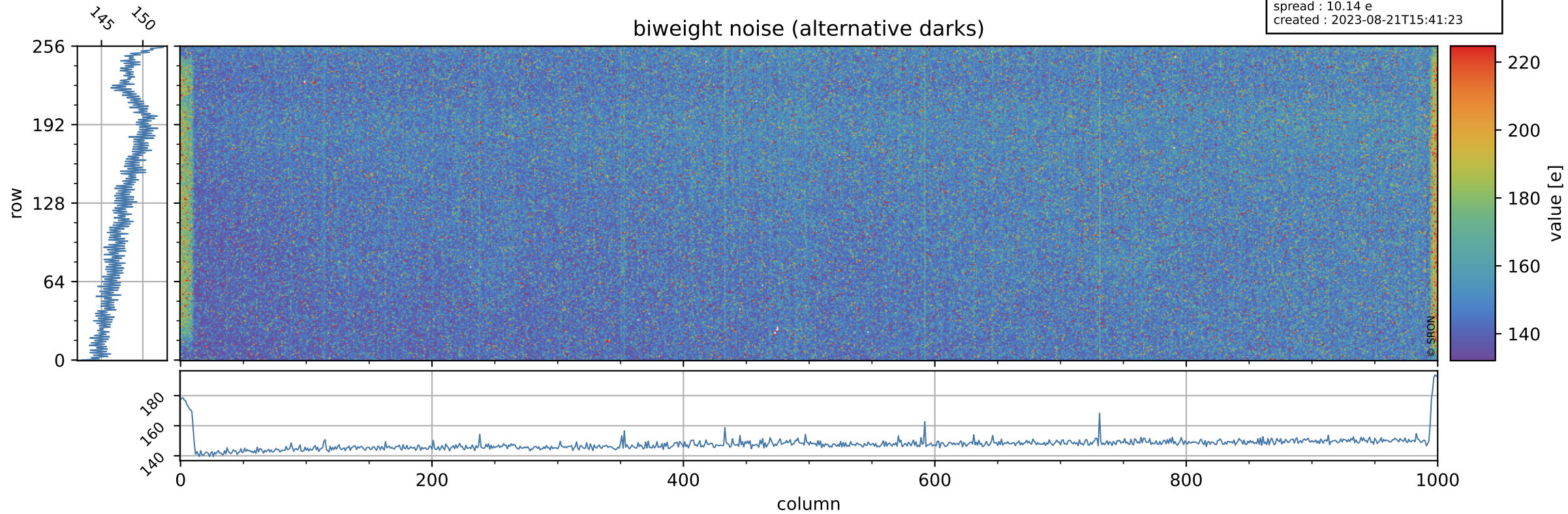
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15247, 15322]
coverage : 2020-09-21 / 2020-09-26
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.14 e
created : 2023-08-21T15:41:23

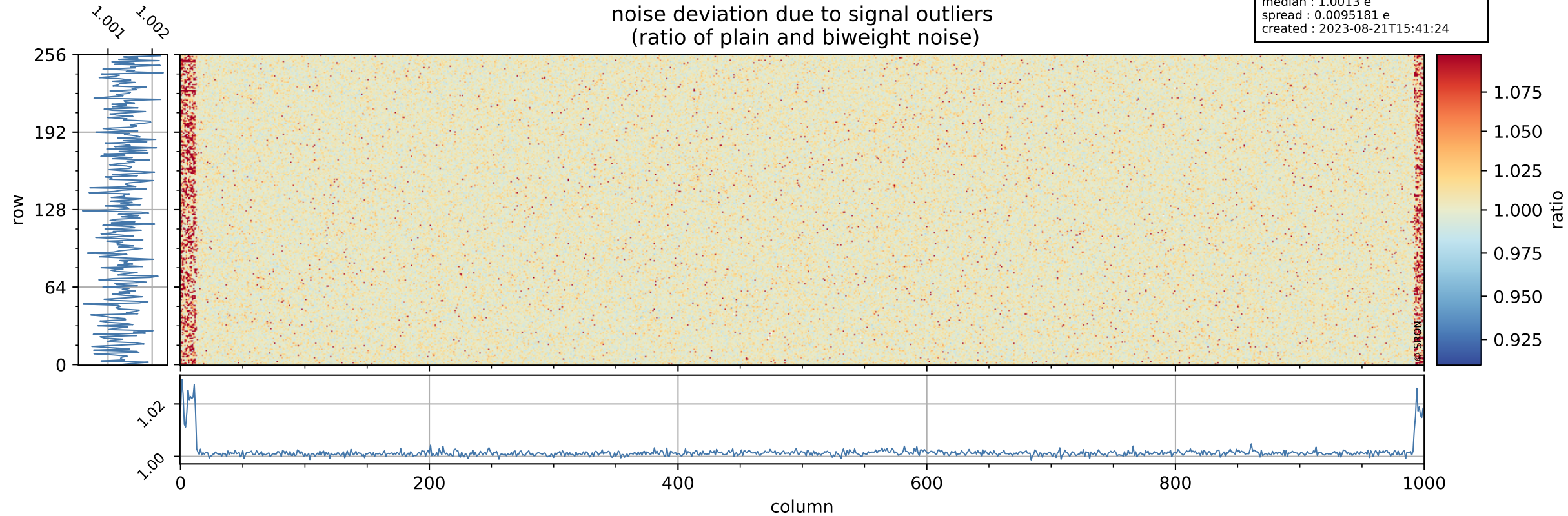
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

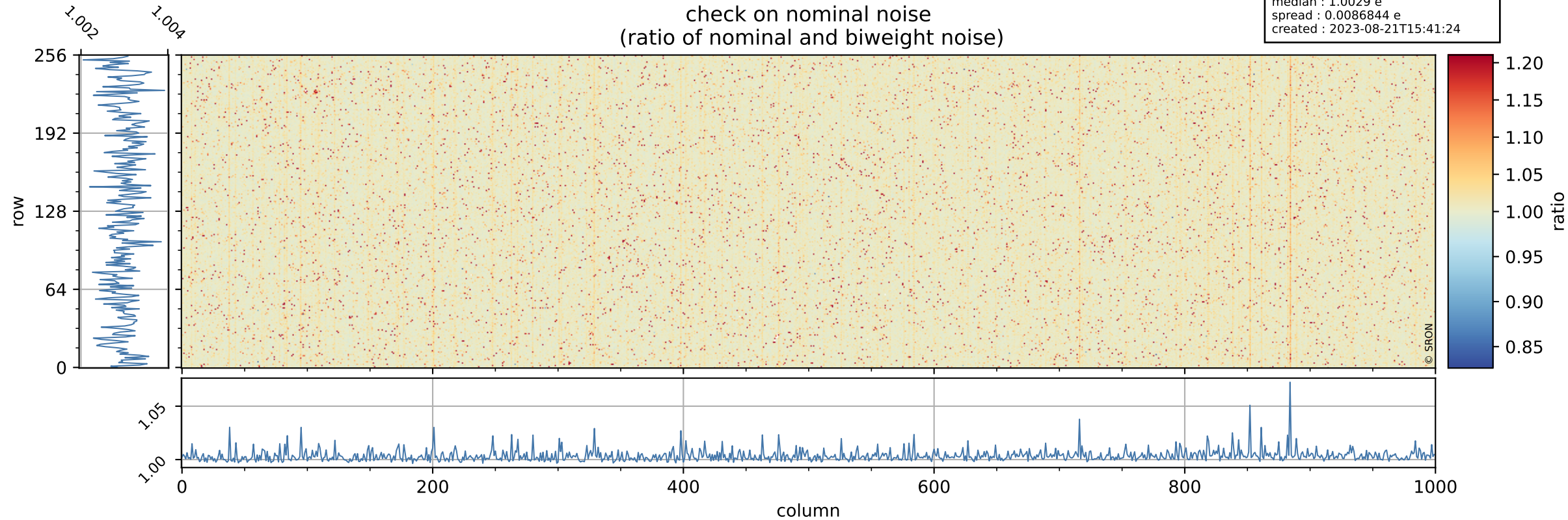
orbits : 12 in [15247, 15322]
coverage : 2020-09-21 / 2020-09-26
median : 1.0013 e
spread : 0.0095181 e
created : 2023-08-21T15:41:24



Tropomi SWIR background noise (swir)

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

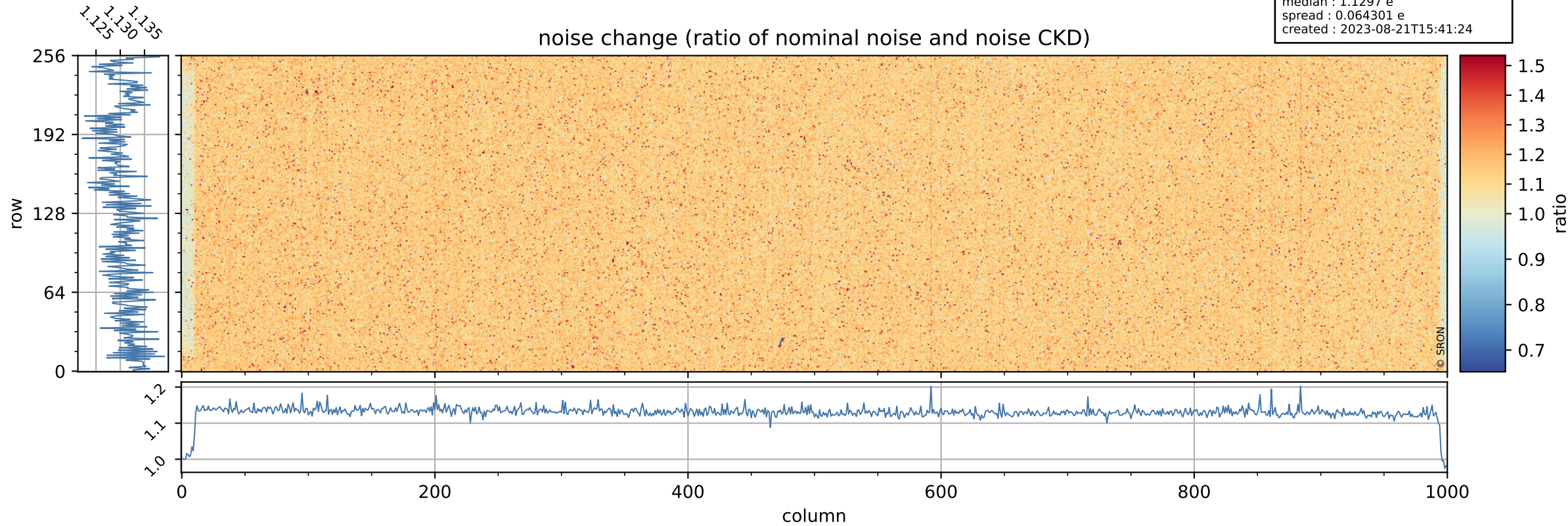
orbits : 12 in [15247, 15322]
coverage : 2020-09-21 / 2020-09-26
median : 1.0029 e
spread : 0.0086844 e
created : 2023-08-21T15:41:24



Tropomi SWIR background noise (swir)

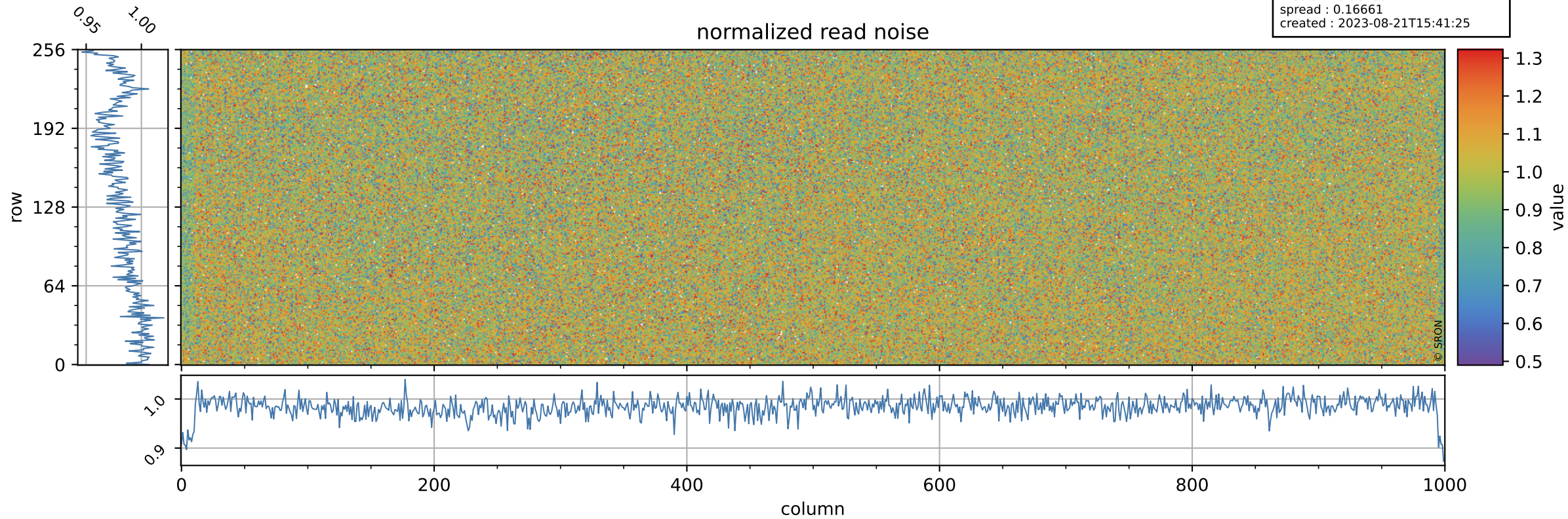
orbits : 12 in [15247, 15322]
coverage : 2020-09-21 / 2020-09-26
median : 1.1297 e
spread : 0.064301 e
created : 2023-08-21T15:41:24

noise change (ratio of nominal noise and noise CKD)



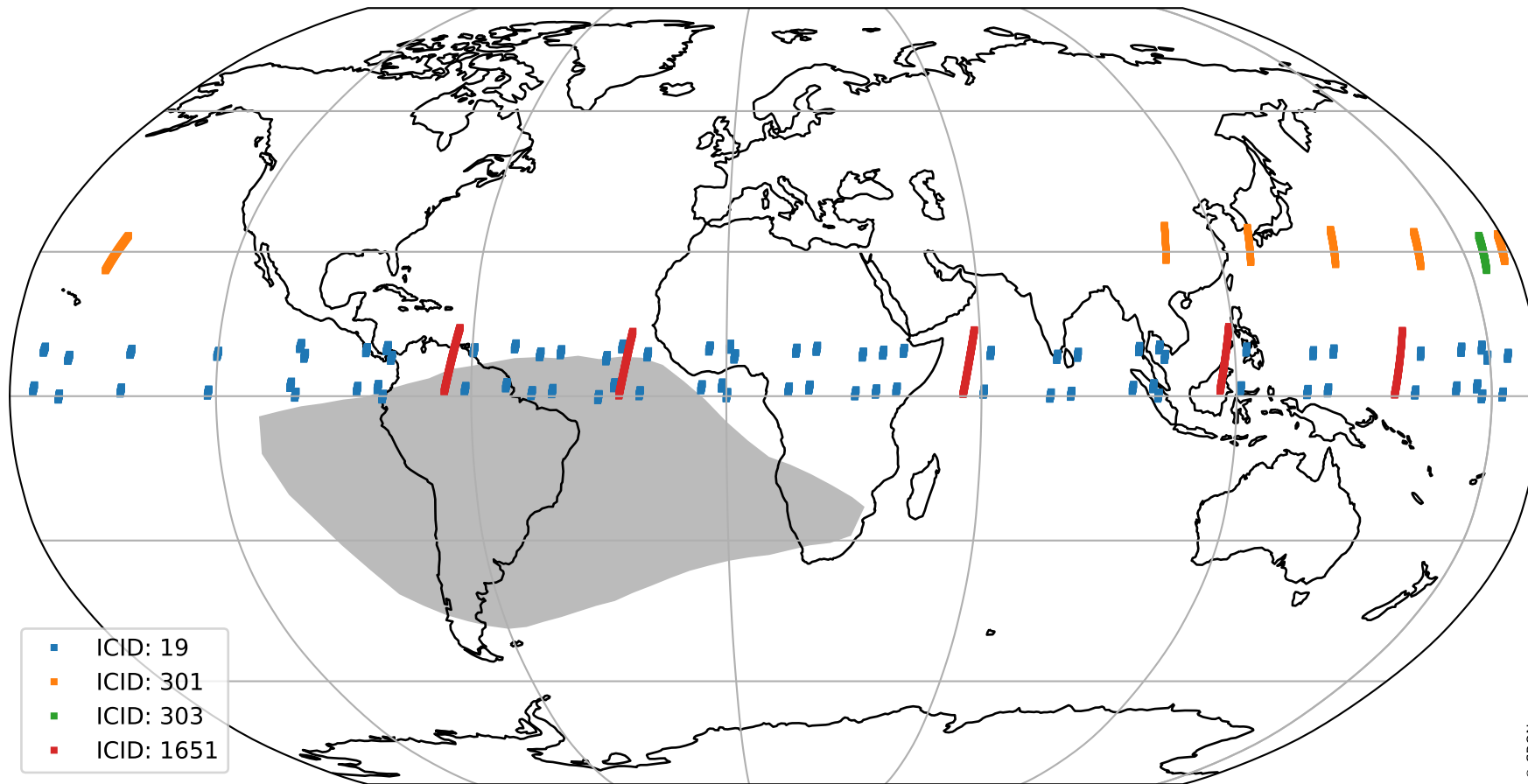
Tropomi SWIR background noise (swir)

orbits : 12 in [15247, 15322]
coverage : 2020-09-21 / 2020-09-26
median : 0.98289
spread : 0.16661
created : 2023-08-21T15:41:25



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

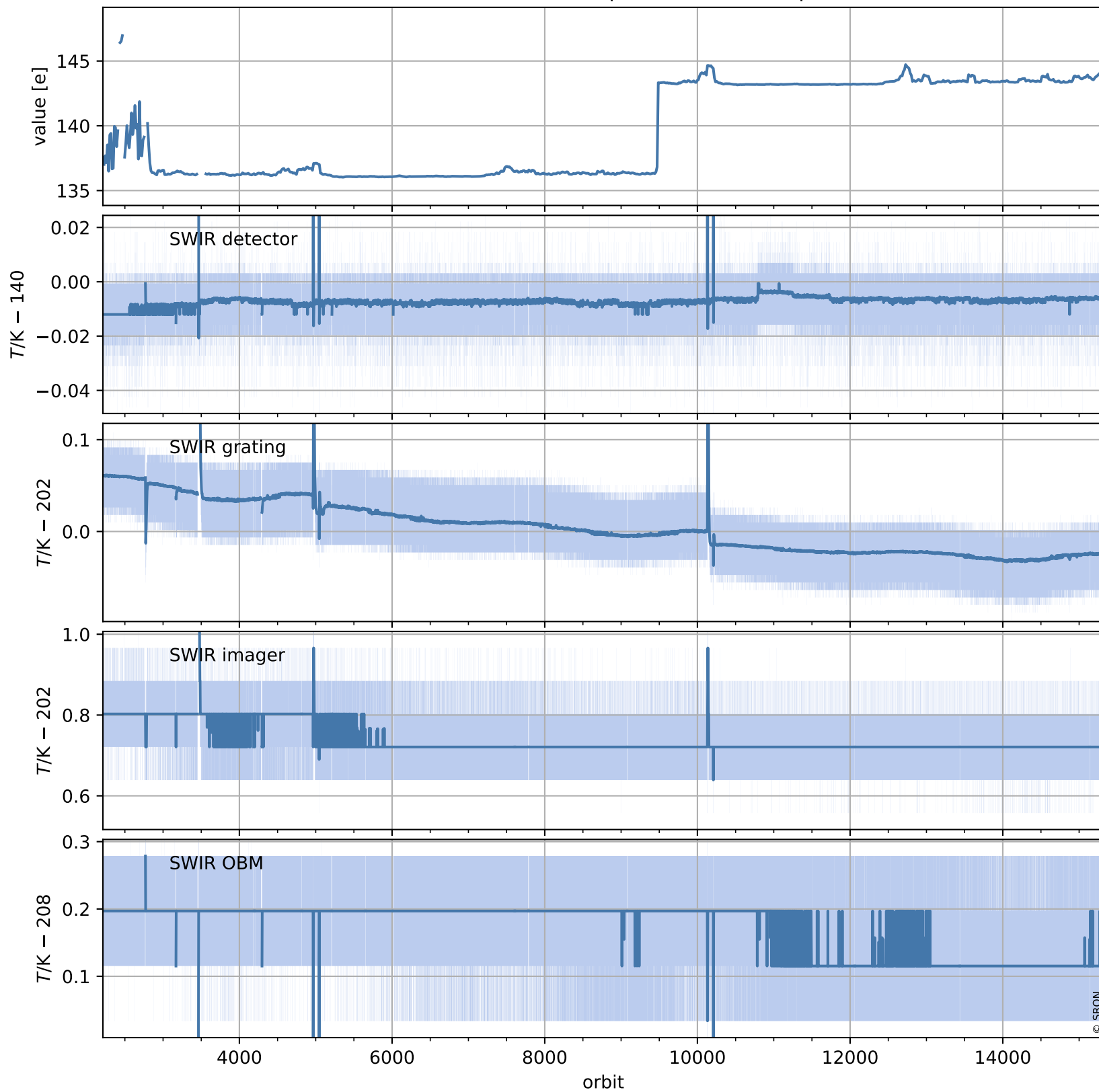
orbits : 12 in [15247, 15322]
coverage : 2020-09-21 / 2020-09-26
created : 2023-08-21T15:41:25



Tropomi SWIR background noise (swir)

orbits : [2212, 15322]
coverage : 2018-03-18 / 2020-09-26
created : 2023-08-21T15:41:25

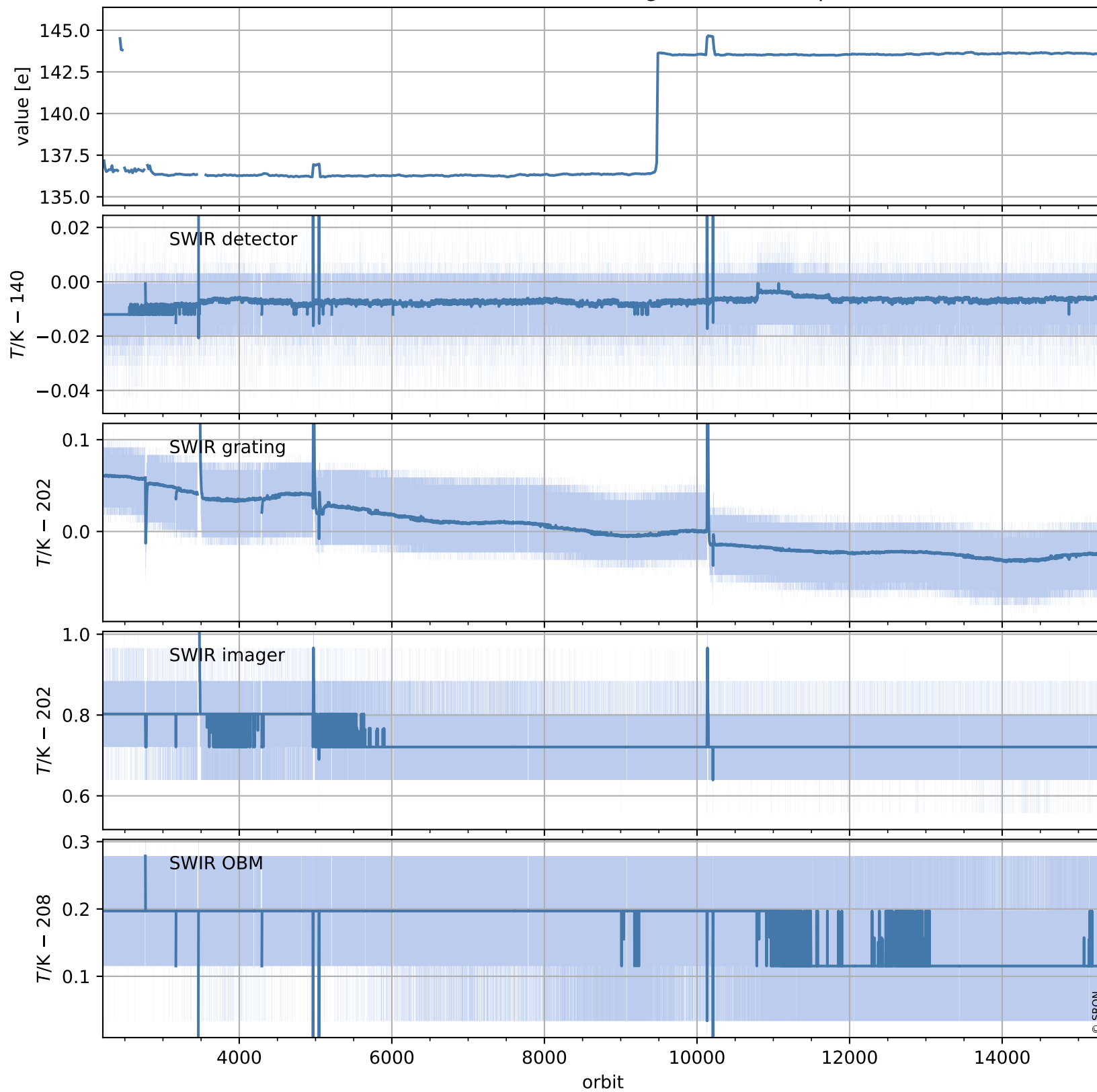
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15322]
coverage : 2018-03-18 / 2020-09-26
created : 2023-08-21T15:41:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15322]
coverage : 2018-03-18 / 2020-09-26
created : 2023-08-21T15:41:27

trend of normalized read-noise & temperatures

