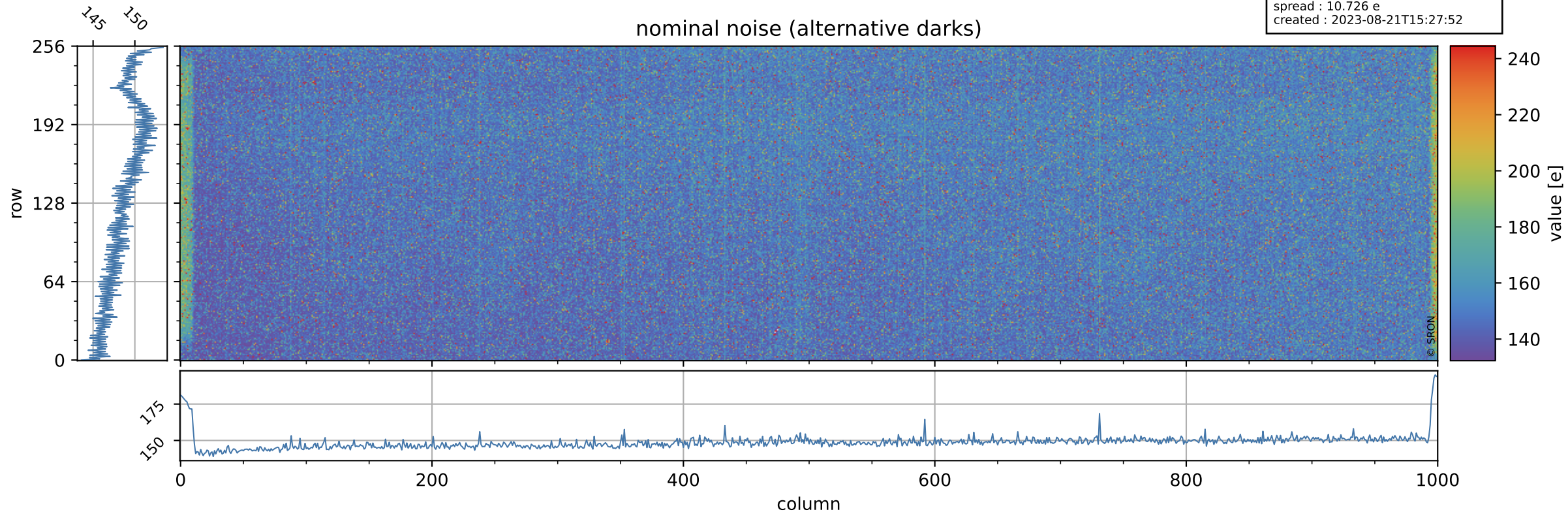


Tropomi SWIR background noise (swir)

orbits : 12 in [12742, 12832]
coverage : 2020-03-29 / 2020-04-04
n_coad, t_exp : 1, 1.0783
median : 148.57 e
spread : 10.726 e
created : 2023-08-21T15:27:52

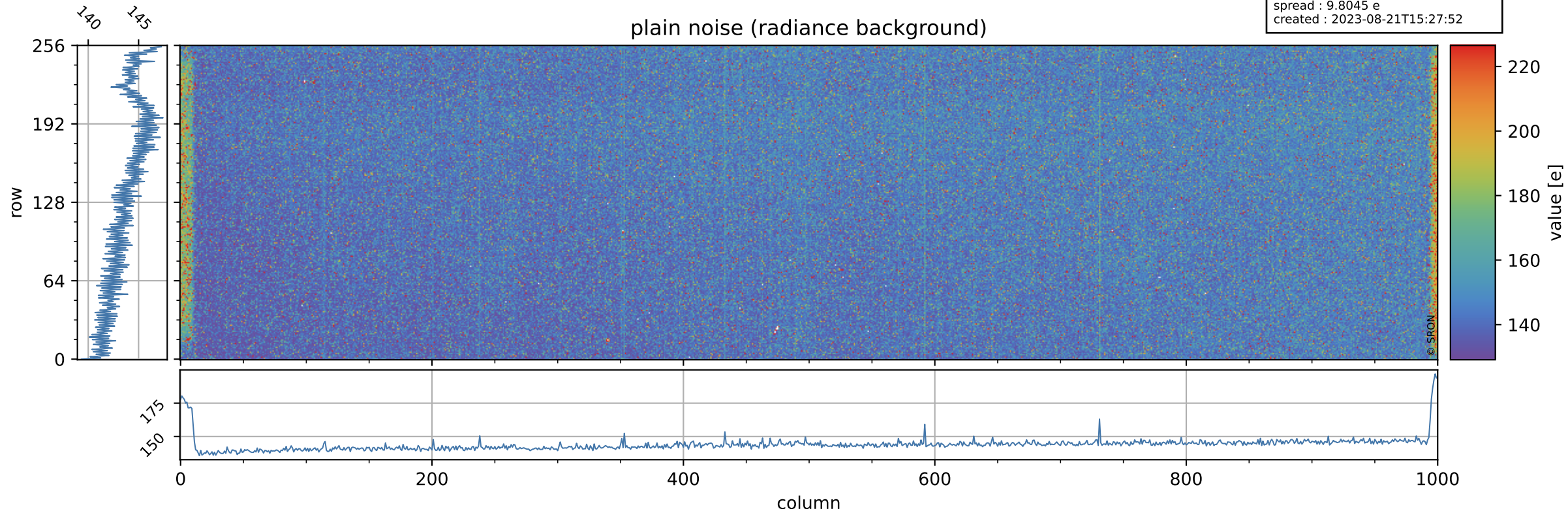
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12742, 12832]
coverage : 2020-03-29 / 2020-04-04
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.8045 e
created : 2023-08-21T15:27:52

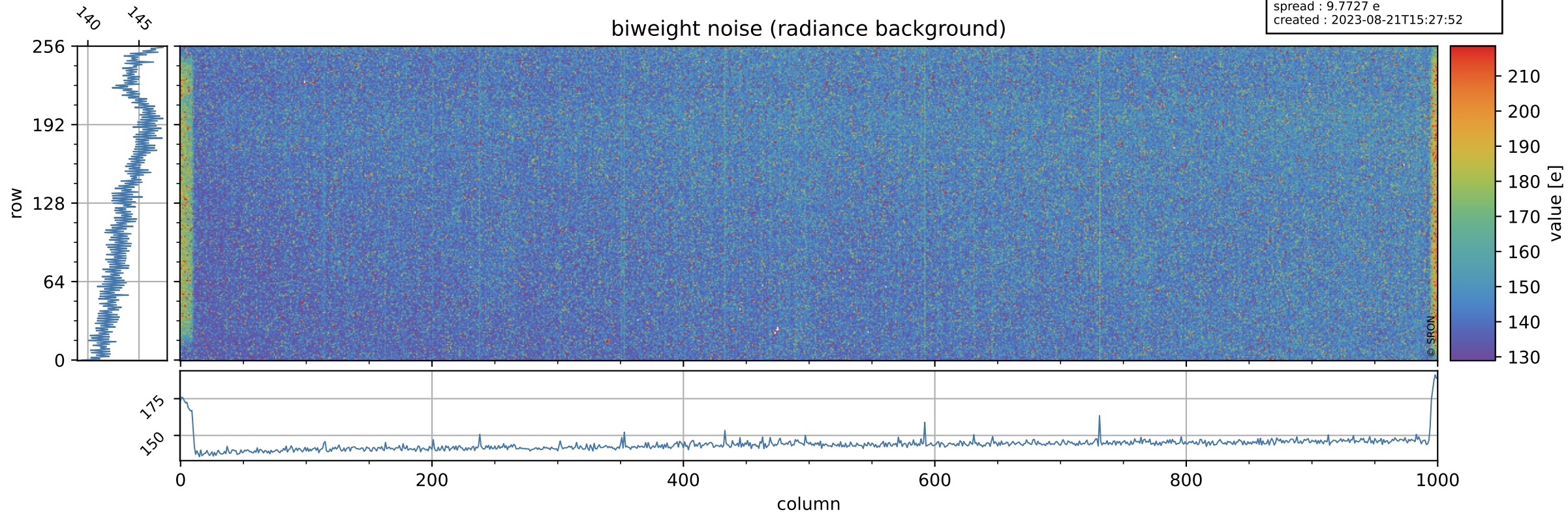
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12742, 12832]
coverage : 2020-03-29 / 2020-04-04
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.7727 e
created : 2023-08-21T15:27:52

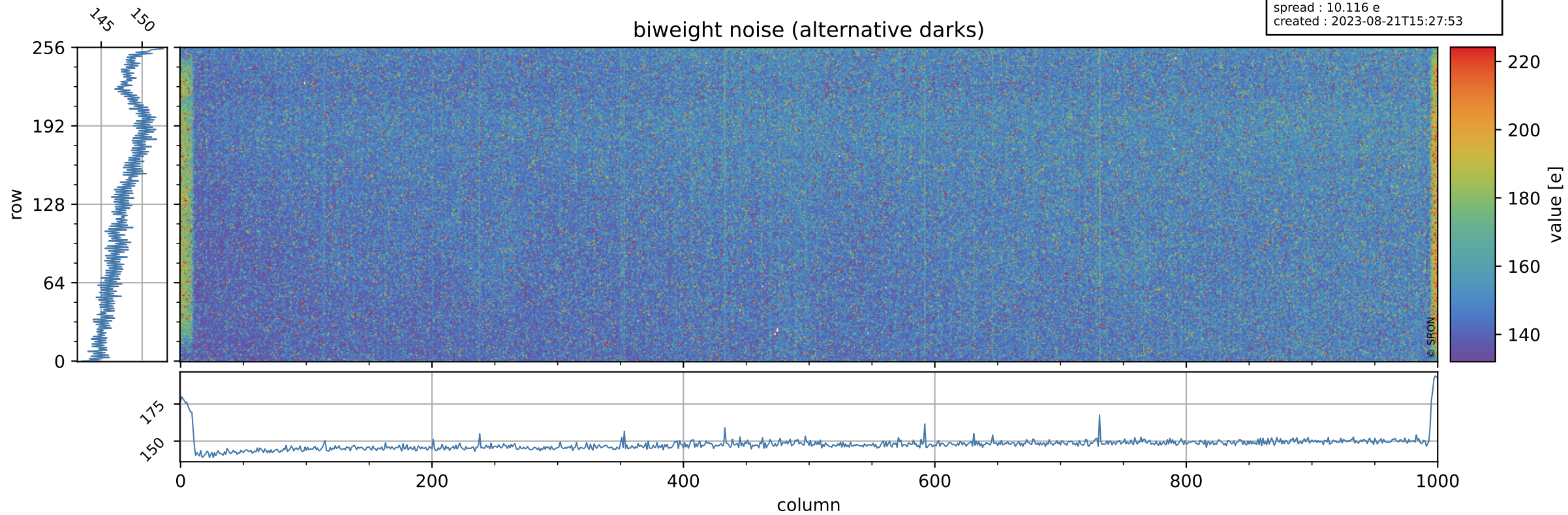
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12742, 12832]
coverage : 2020-03-29 / 2020-04-04
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 10.116 e
created : 2023-08-21T15:27:53

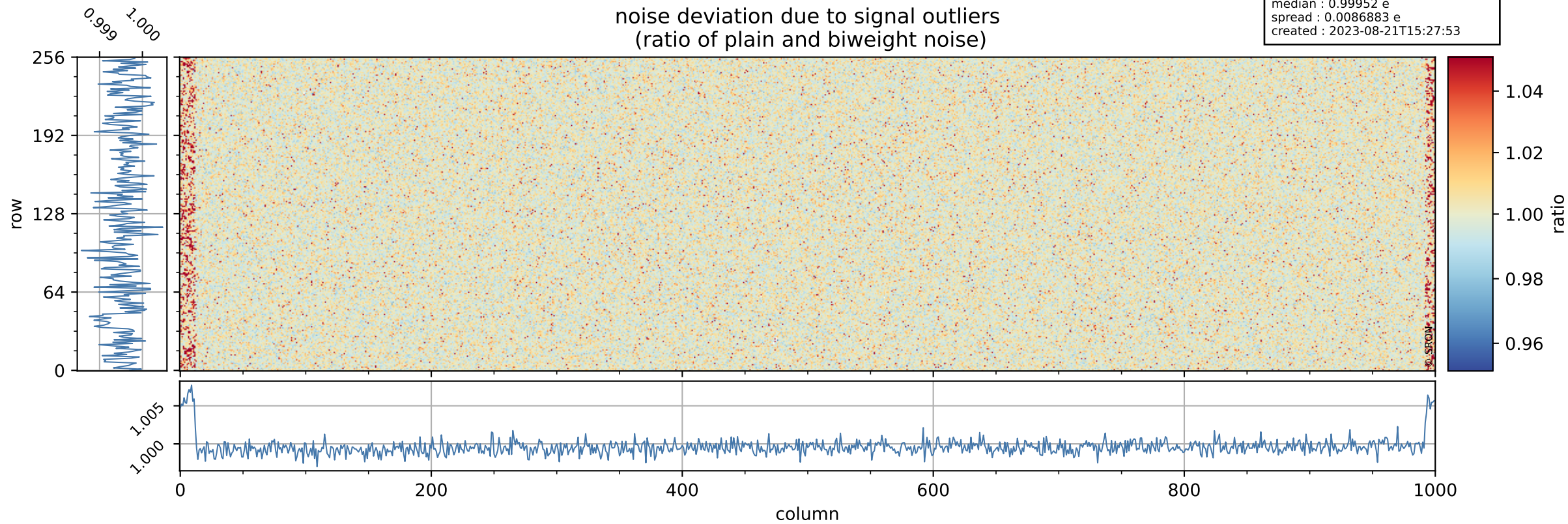
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

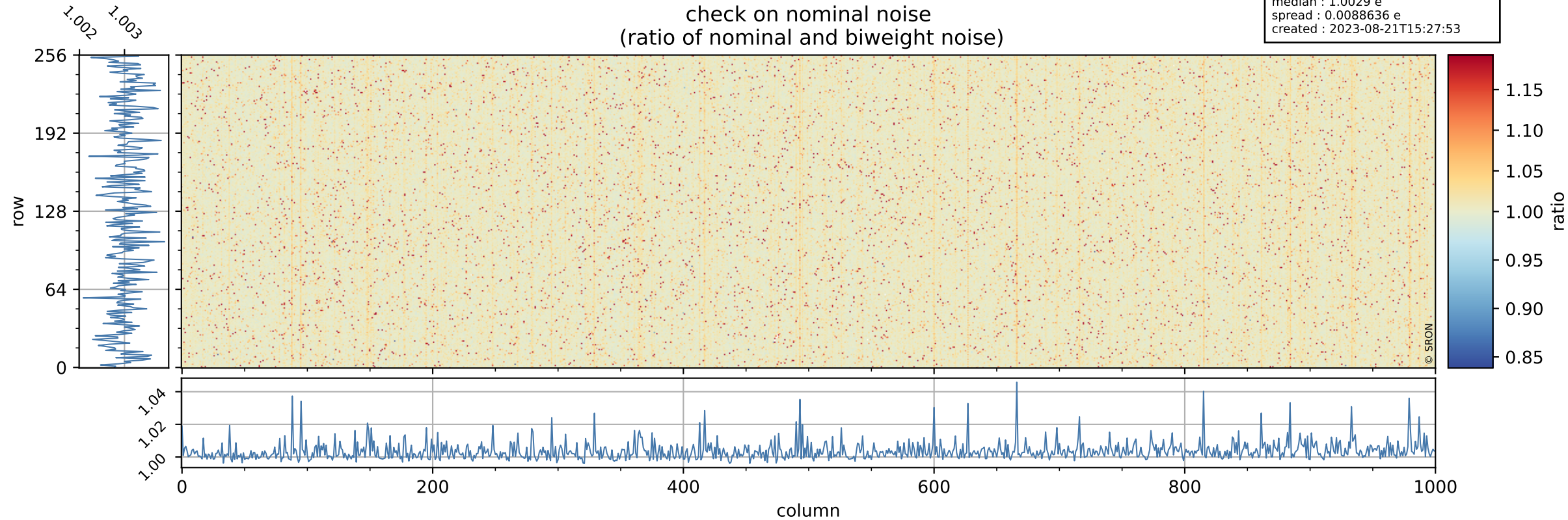
orbits : 12 in [12742, 12832]
coverage : 2020-03-29 / 2020-04-04
median : 0.99952 e
spread : 0.0086883 e
created : 2023-08-21T15:27:53



Tropomi SWIR background noise (swir)

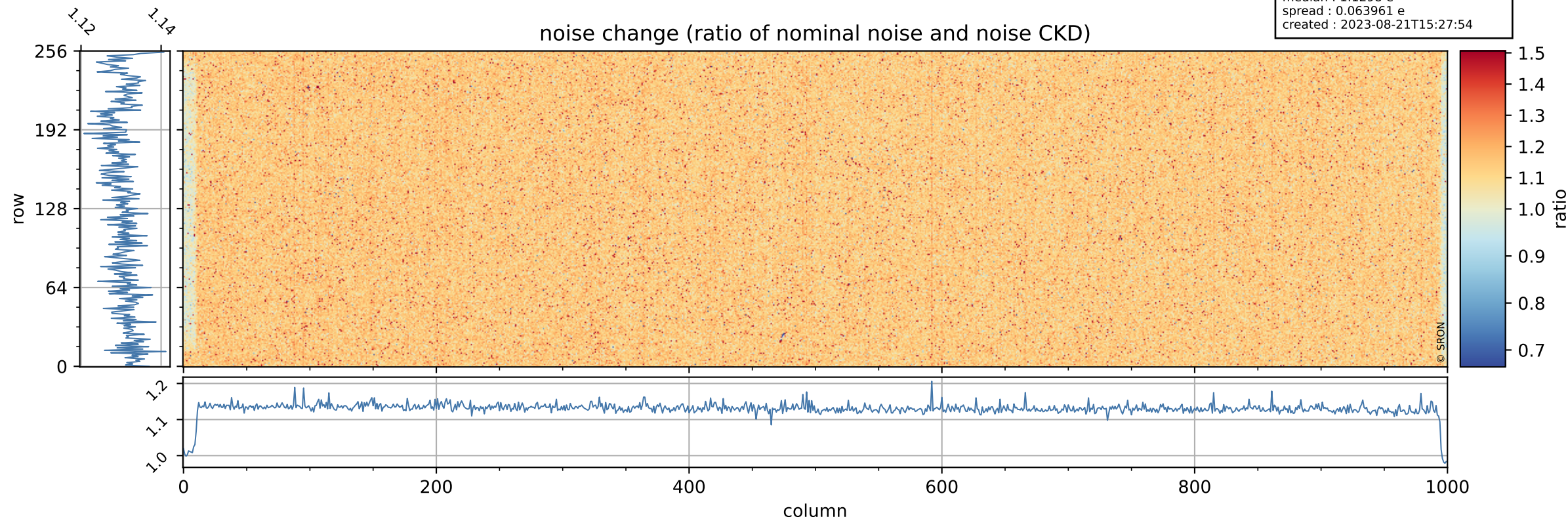
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12742, 12832]
coverage : 2020-03-29 / 2020-04-04
median : 1.0029 e
spread : 0.0088636 e
created : 2023-08-21T15:27:53



Tropomi SWIR background noise (swir)

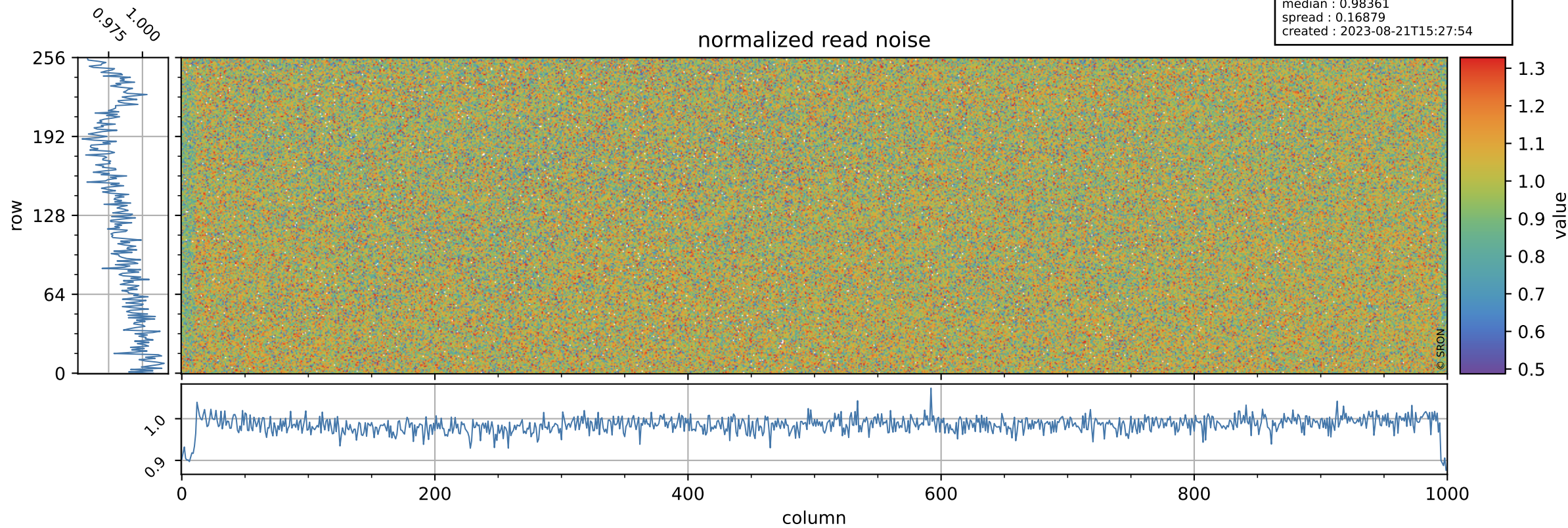
orbits : 12 in [12742, 12832]
coverage : 2020-03-29 / 2020-04-04
median : 1.1298 e
spread : 0.063961 e
created : 2023-08-21T15:27:54



Tropomi SWIR background noise (swir)

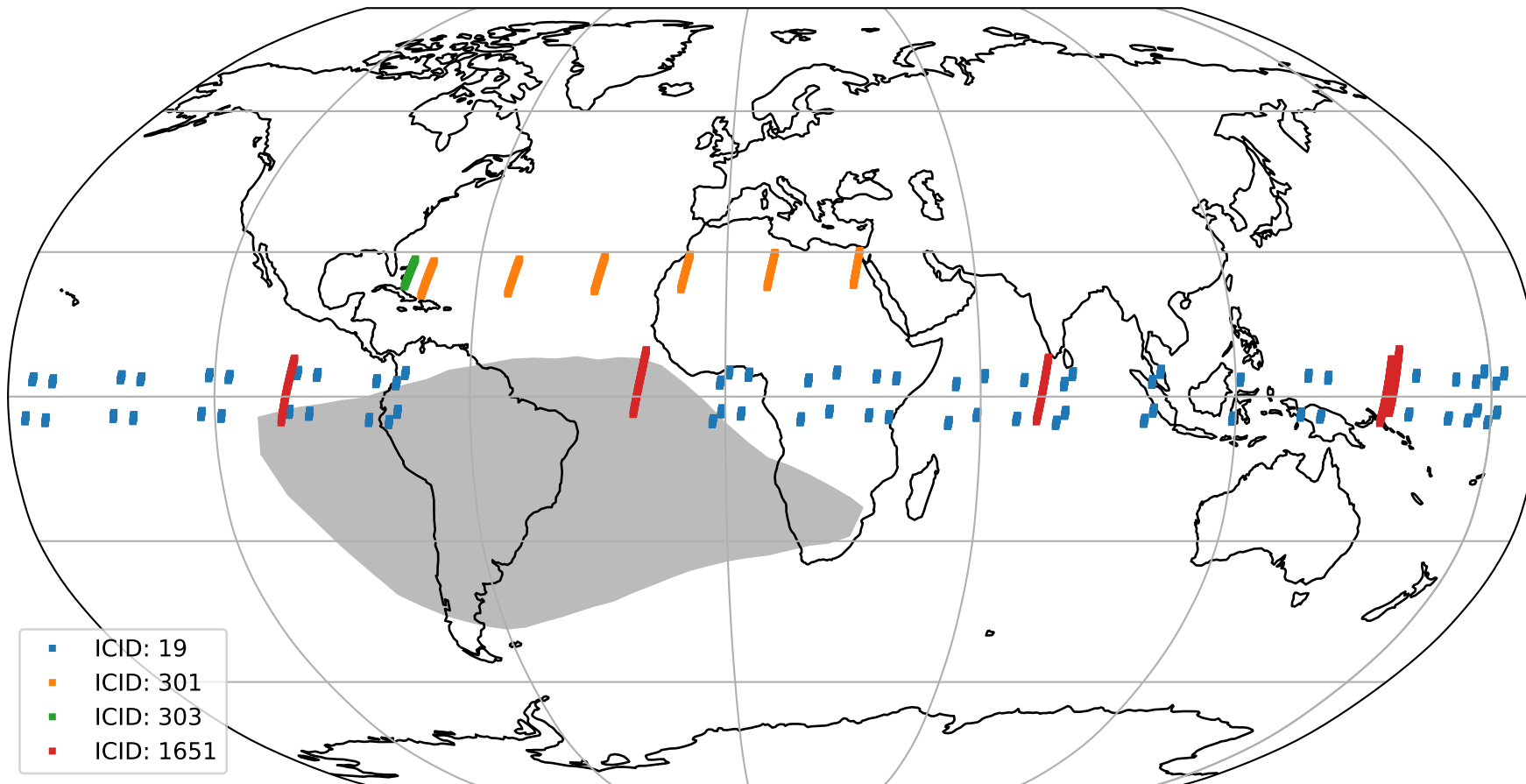
orbits : 12 in [12742, 12832]
coverage : 2020-03-29 / 2020-04-04
median : 0.98361
spread : 0.16879
created : 2023-08-21T15:27:54

normalized read noise



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

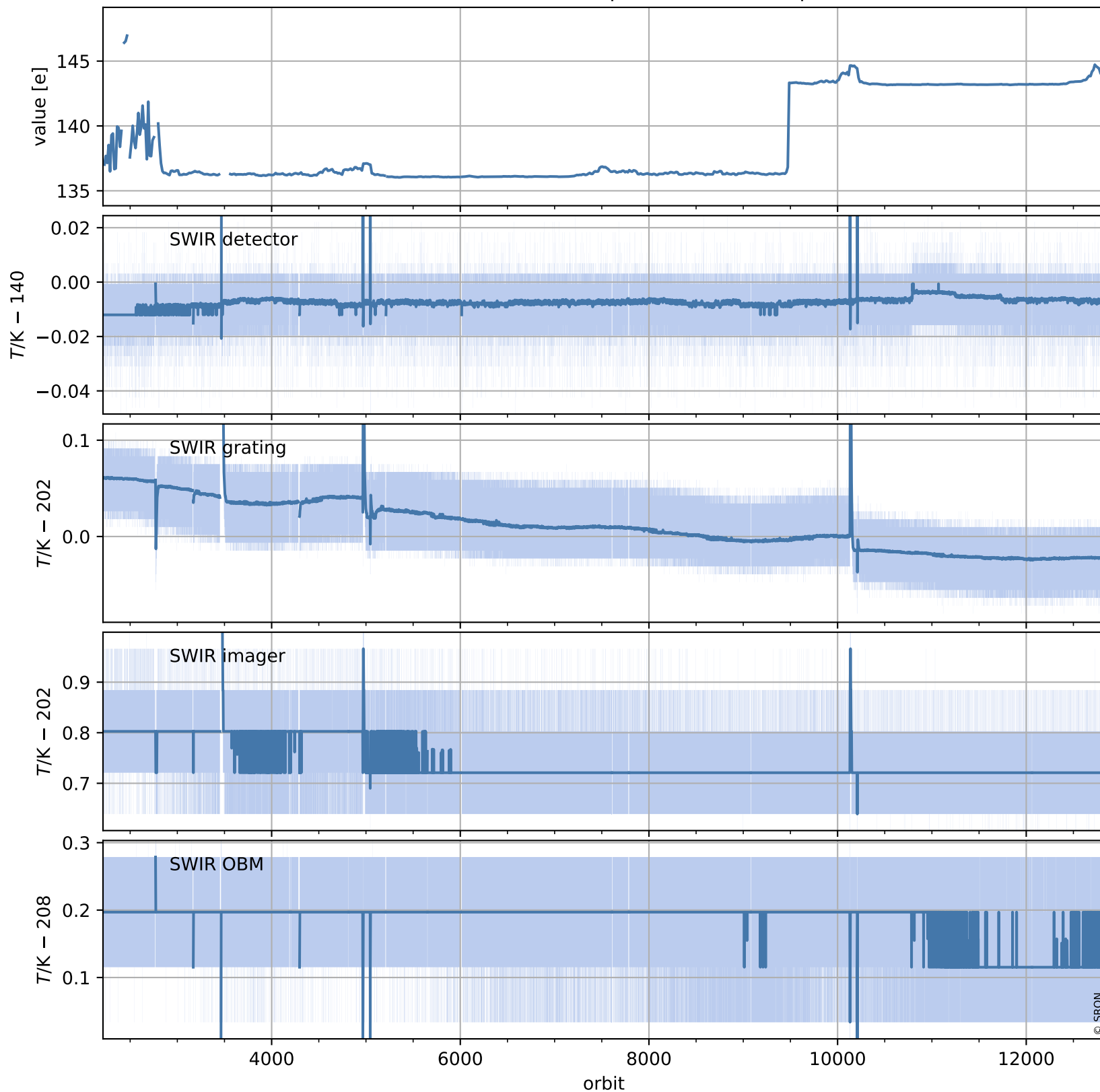
orbits : 12 in [12742, 12832]
coverage : 2020-03-29 / 2020-04-04
created : 2023-08-21T15:27:54



Tropomi SWIR background noise (swir)

orbits : [2212, 12832]
coverage : 2018-03-18 / 2020-04-04
created : 2023-08-21T15:27:54

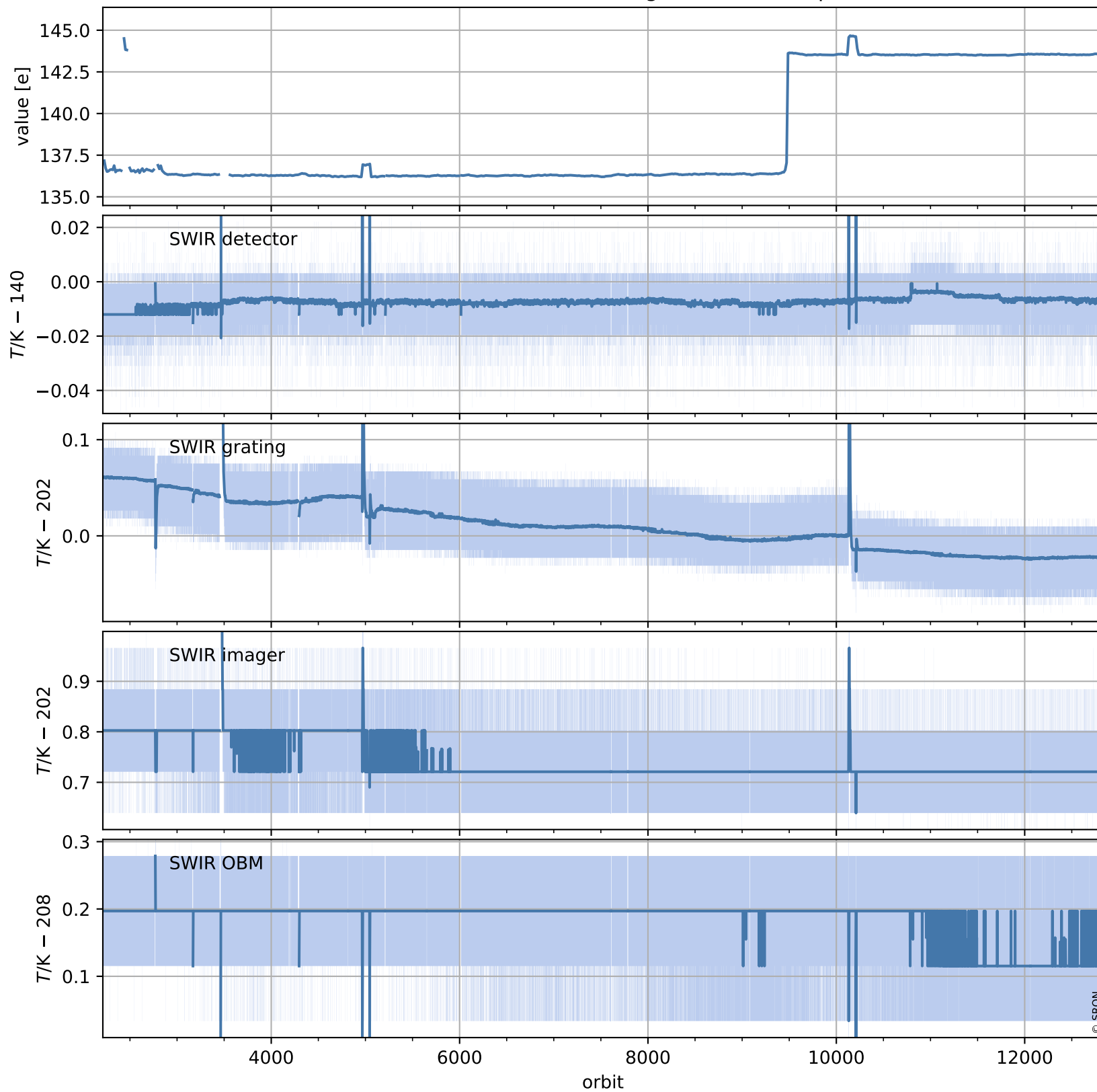
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12832]
coverage : 2018-03-18 / 2020-04-04
created : 2023-08-21T15:27:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12832]
coverage : 2018-03-18 / 2020-04-04
created : 2023-08-21T15:27:56

trend of normalized read-noise & temperatures

