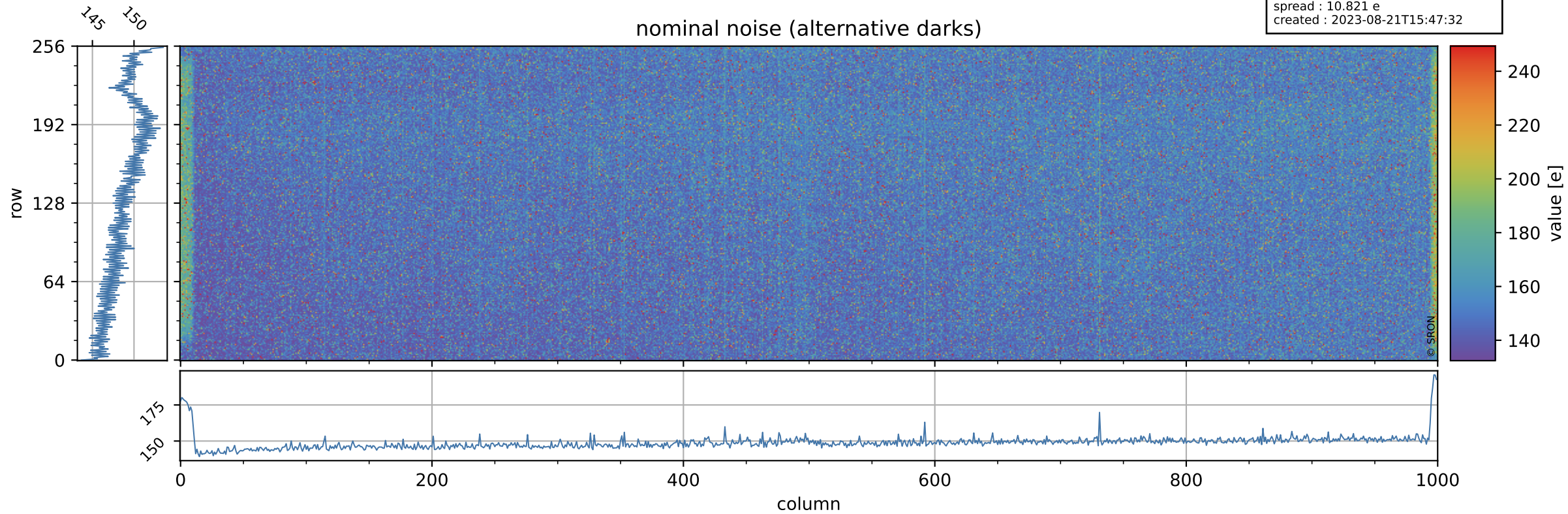


Tropomi SWIR background noise (swir)

orbits : 12 in [16327, 16417]
coverage : 2020-12-07 / 2020-12-13
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.821 e
created : 2023-08-21T15:47:32

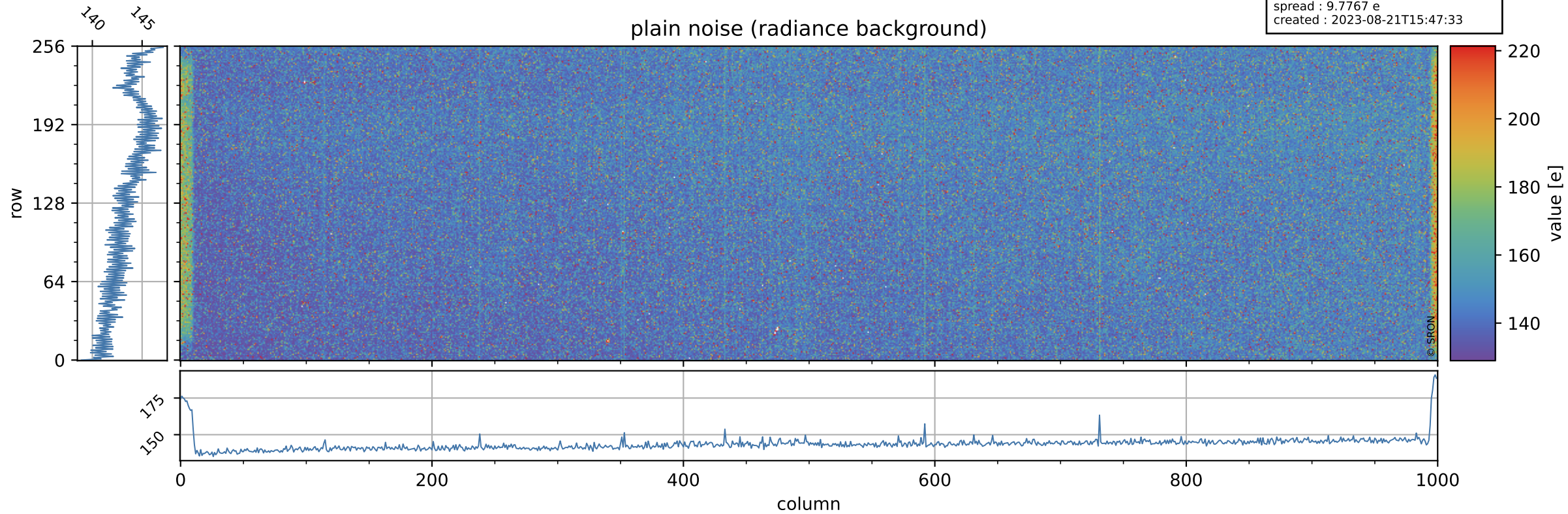
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16327, 16417]
coverage : 2020-12-07 / 2020-12-13
n_coad, t_exp : 1, 0.8383
median : 143.4 e
spread : 9.7767 e
created : 2023-08-21T15:47:33

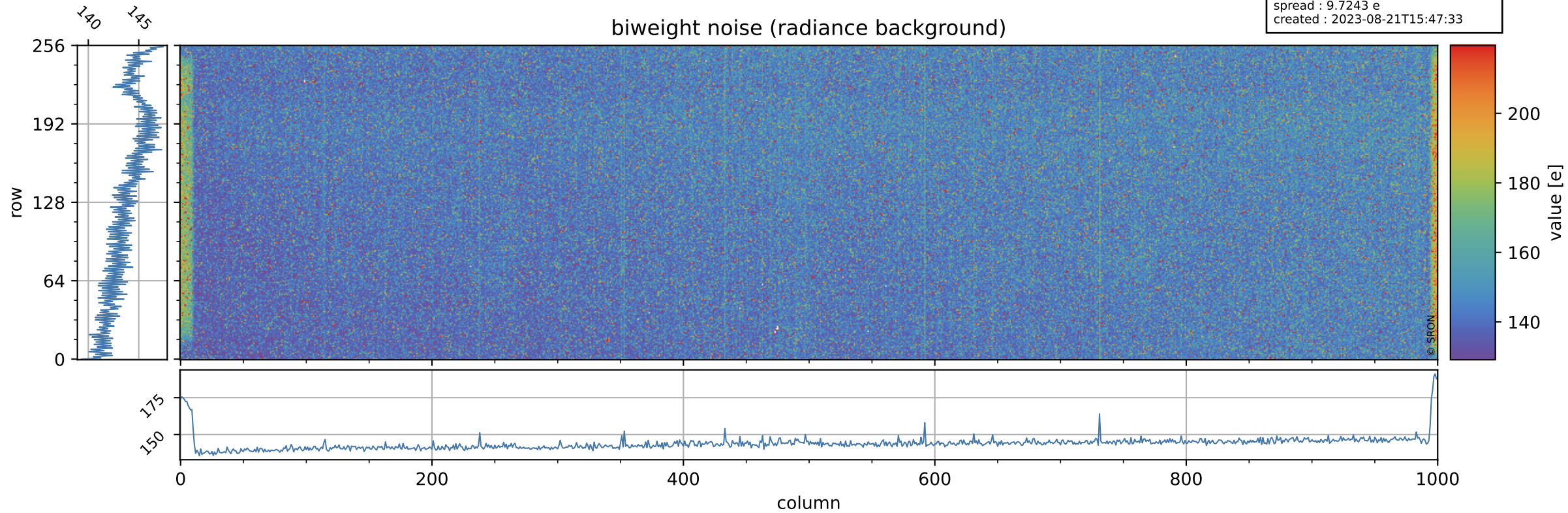
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16327, 16417]
coverage : 2020-12-07 / 2020-12-13
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.7243 e
created : 2023-08-21T15:47:33

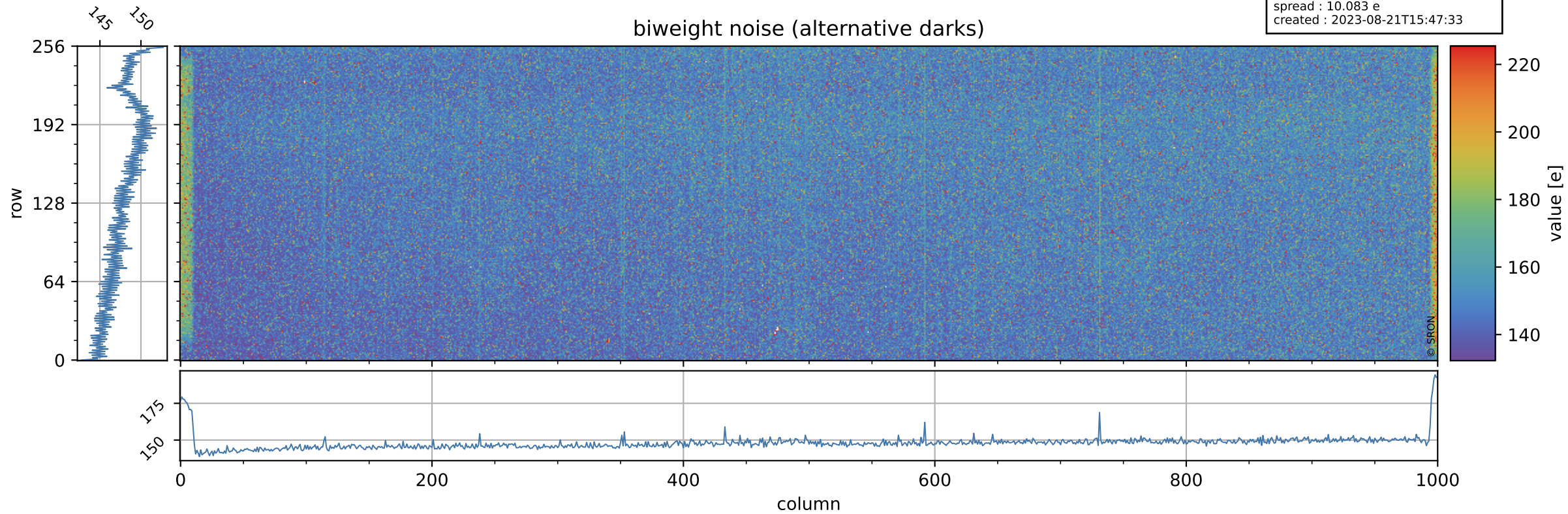
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16327, 16417]
coverage : 2020-12-07 / 2020-12-13
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.083 e
created : 2023-08-21T15:47:33

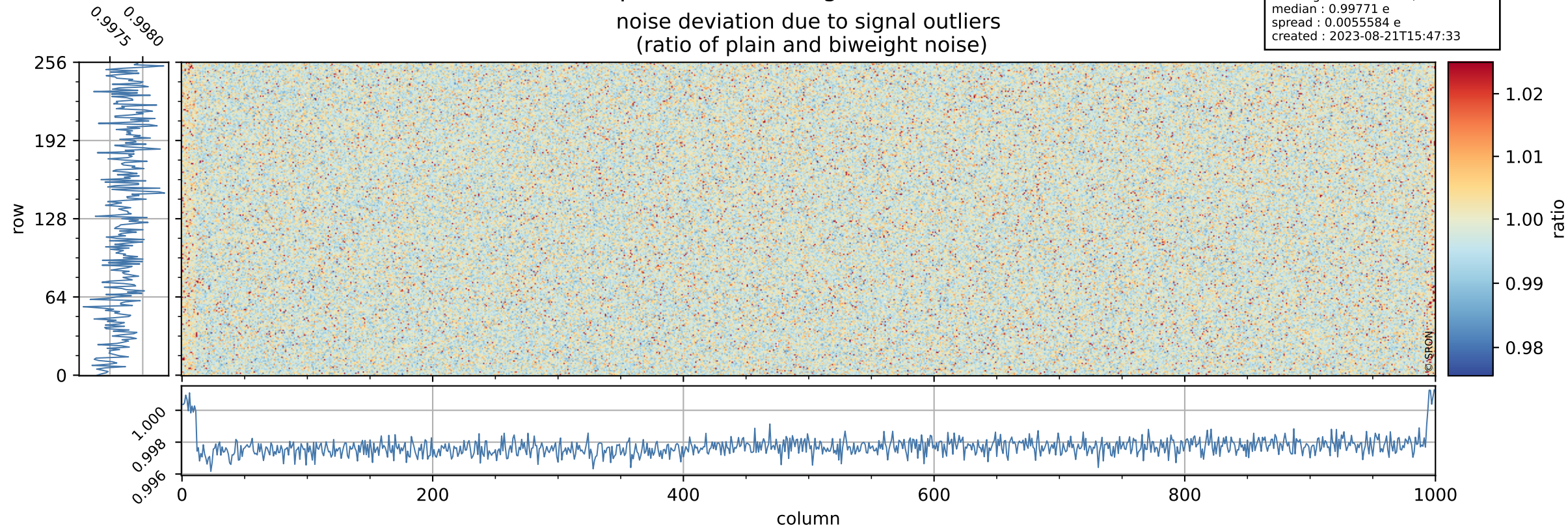
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

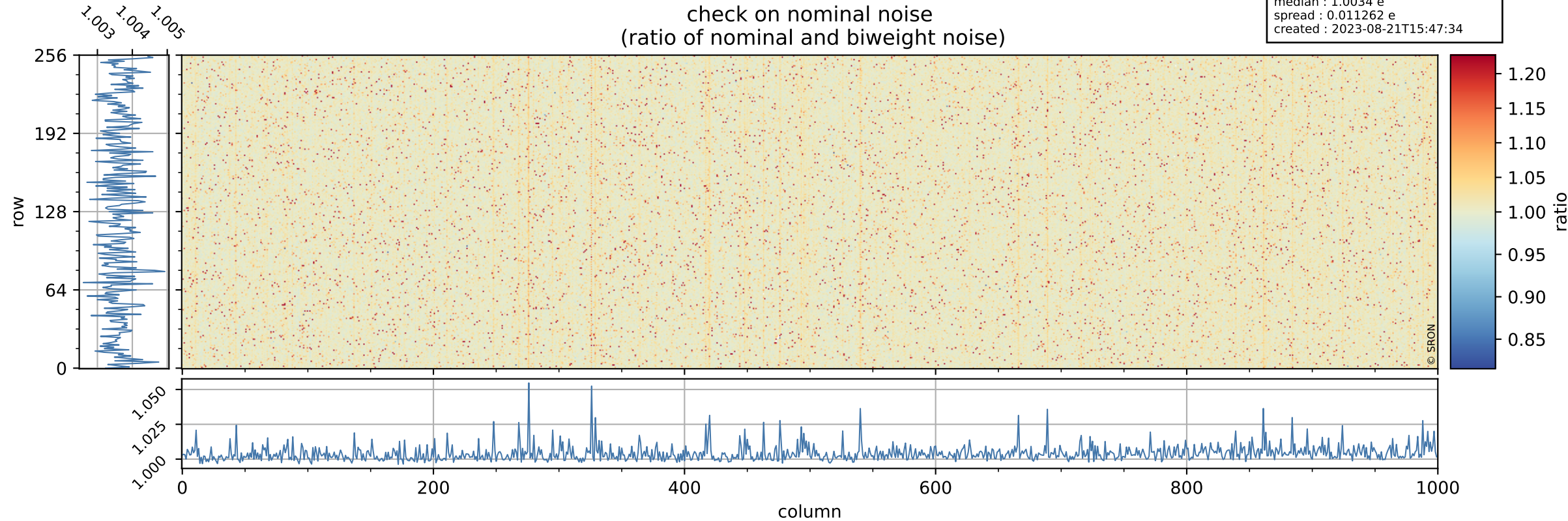
orbits : 12 in [16327, 16417]
coverage : 2020-12-07 / 2020-12-13
median : 0.99771 e
spread : 0.0055584 e
created : 2023-08-21T15:47:33



Tropomi SWIR background noise (swir)

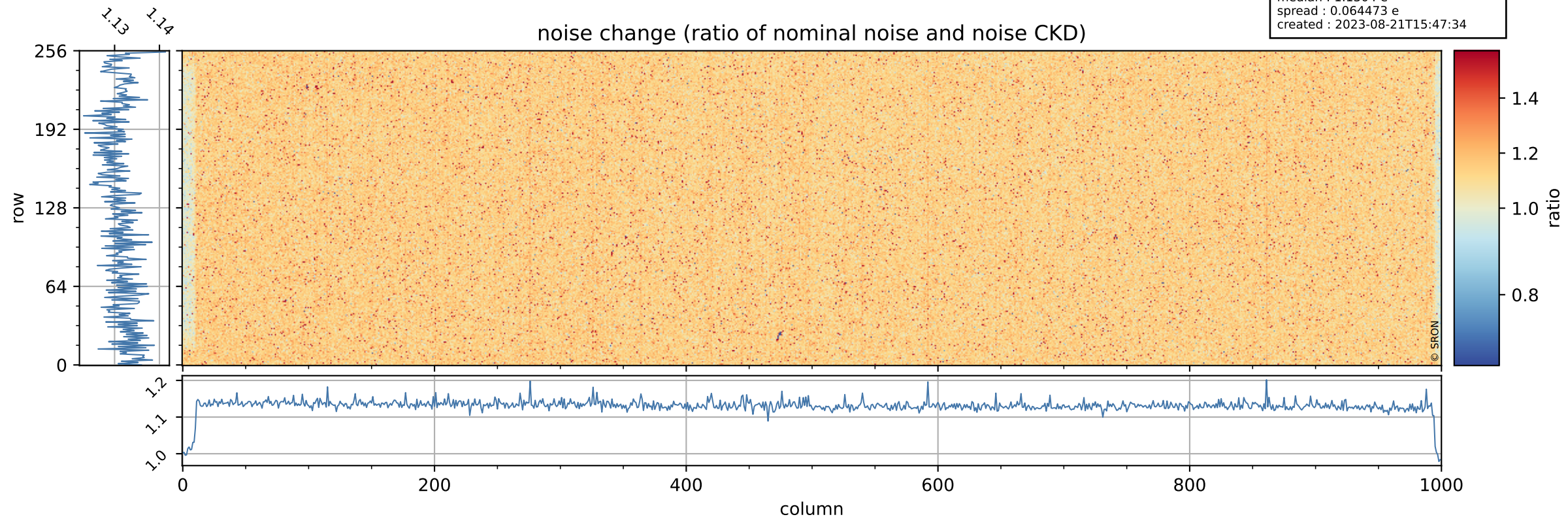
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16327, 16417]
coverage : 2020-12-07 / 2020-12-13
median : 1.0034 e
spread : 0.011262 e
created : 2023-08-21T15:47:34



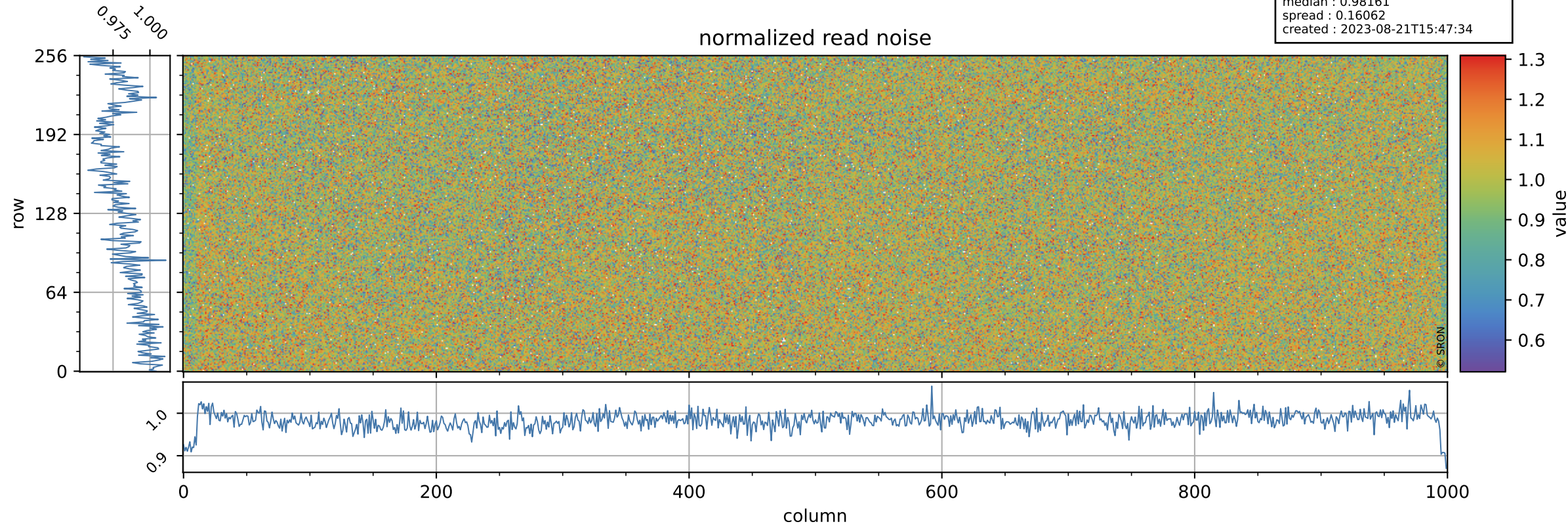
Tropomi SWIR background noise (swir)

orbits : 12 in [16327, 16417]
coverage : 2020-12-07 / 2020-12-13
median : 1.1304 e
spread : 0.064473 e
created : 2023-08-21T15:47:34



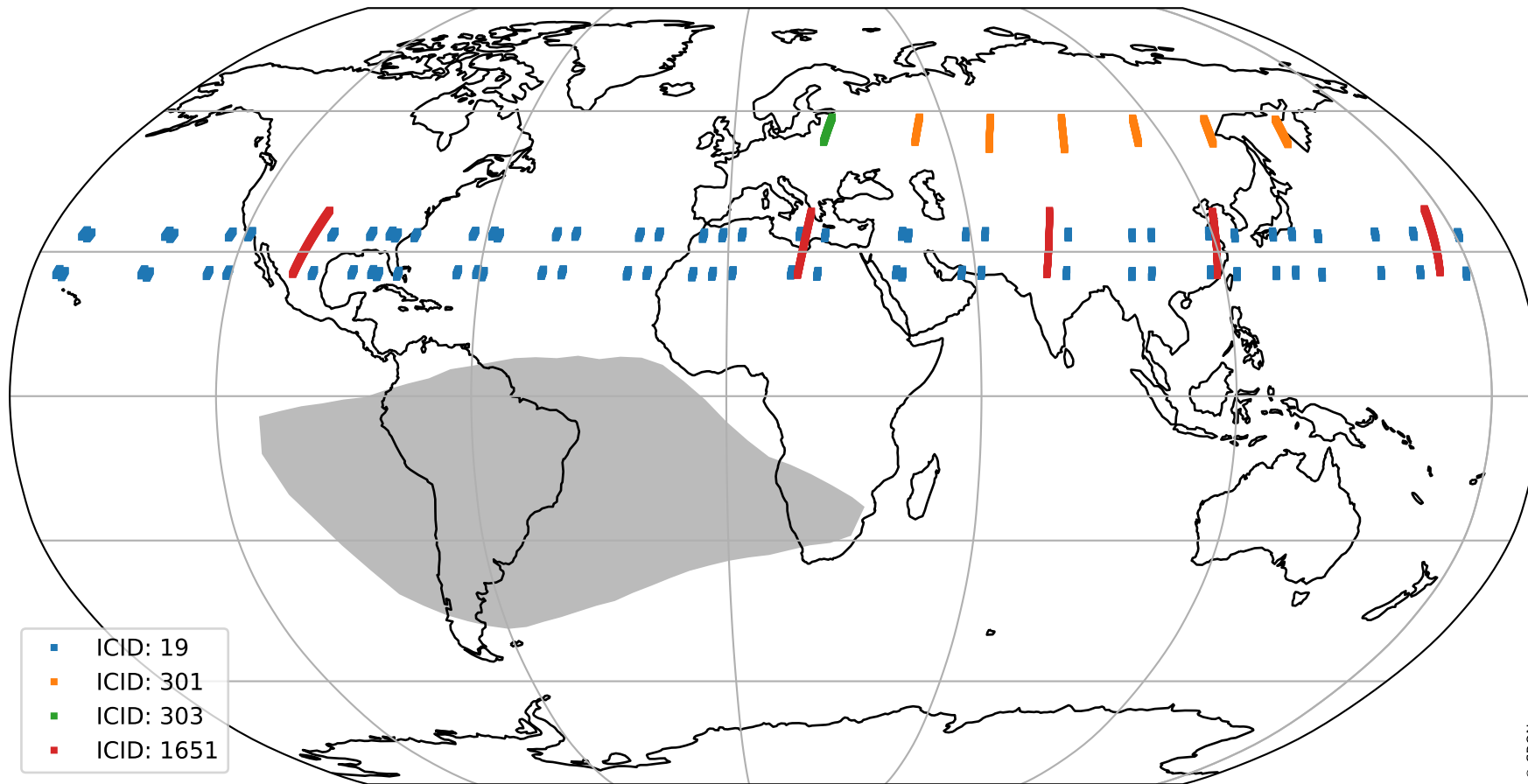
Tropomi SWIR background noise (swir)

orbits : 12 in [16327, 16417]
coverage : 2020-12-07 / 2020-12-13
median : 0.98161
spread : 0.16062
created : 2023-08-21T15:47:34



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

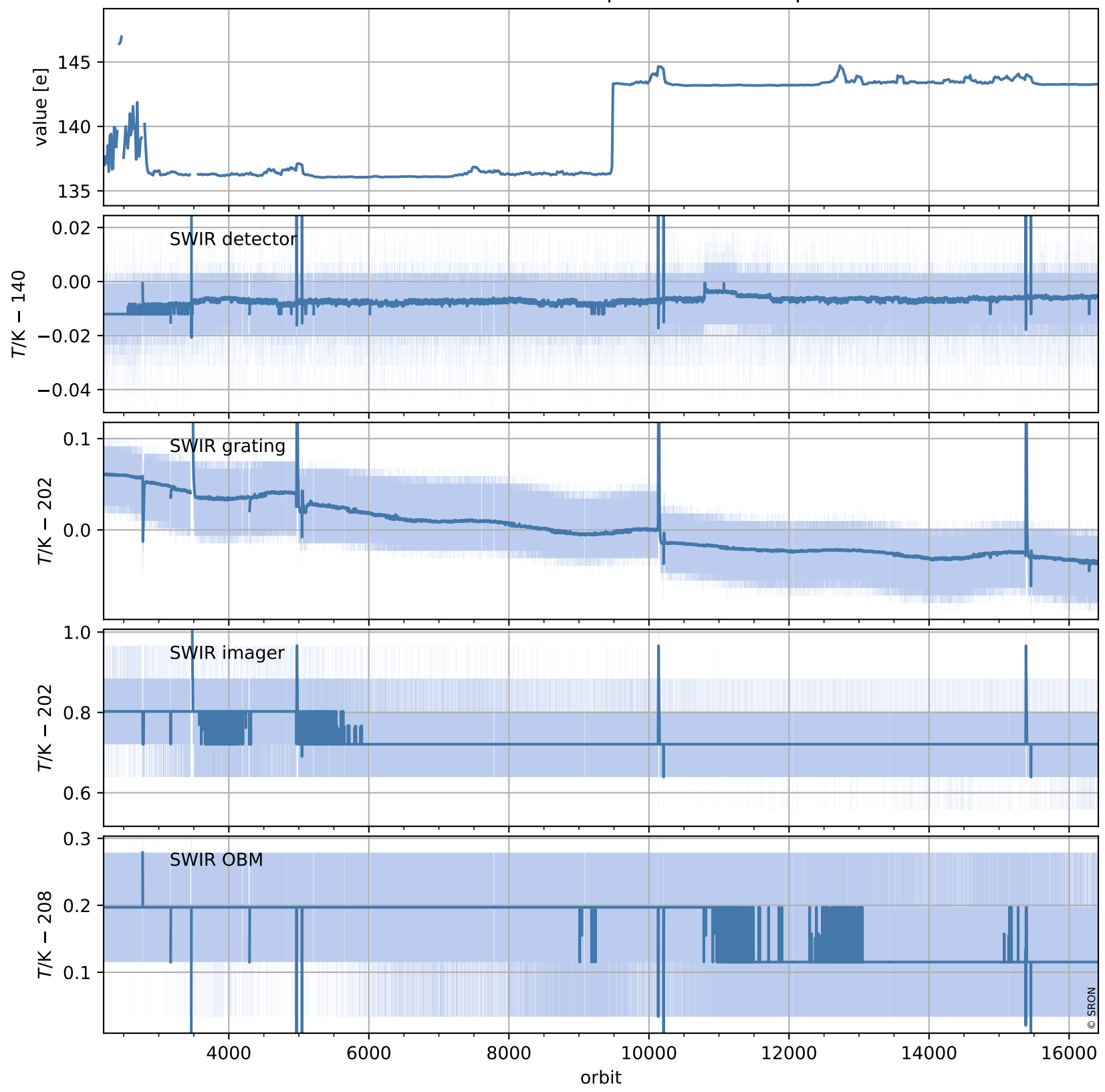
orbits : 12 in [16327, 16417]
coverage : 2020-12-07 / 2020-12-13
created : 2023-08-21T15:47:34



Tropomi SWIR background noise (swir)

orbits : [2212, 16417]
coverage : 2018-03-18 / 2020-12-13
created : 2023-08-21T15:47:35

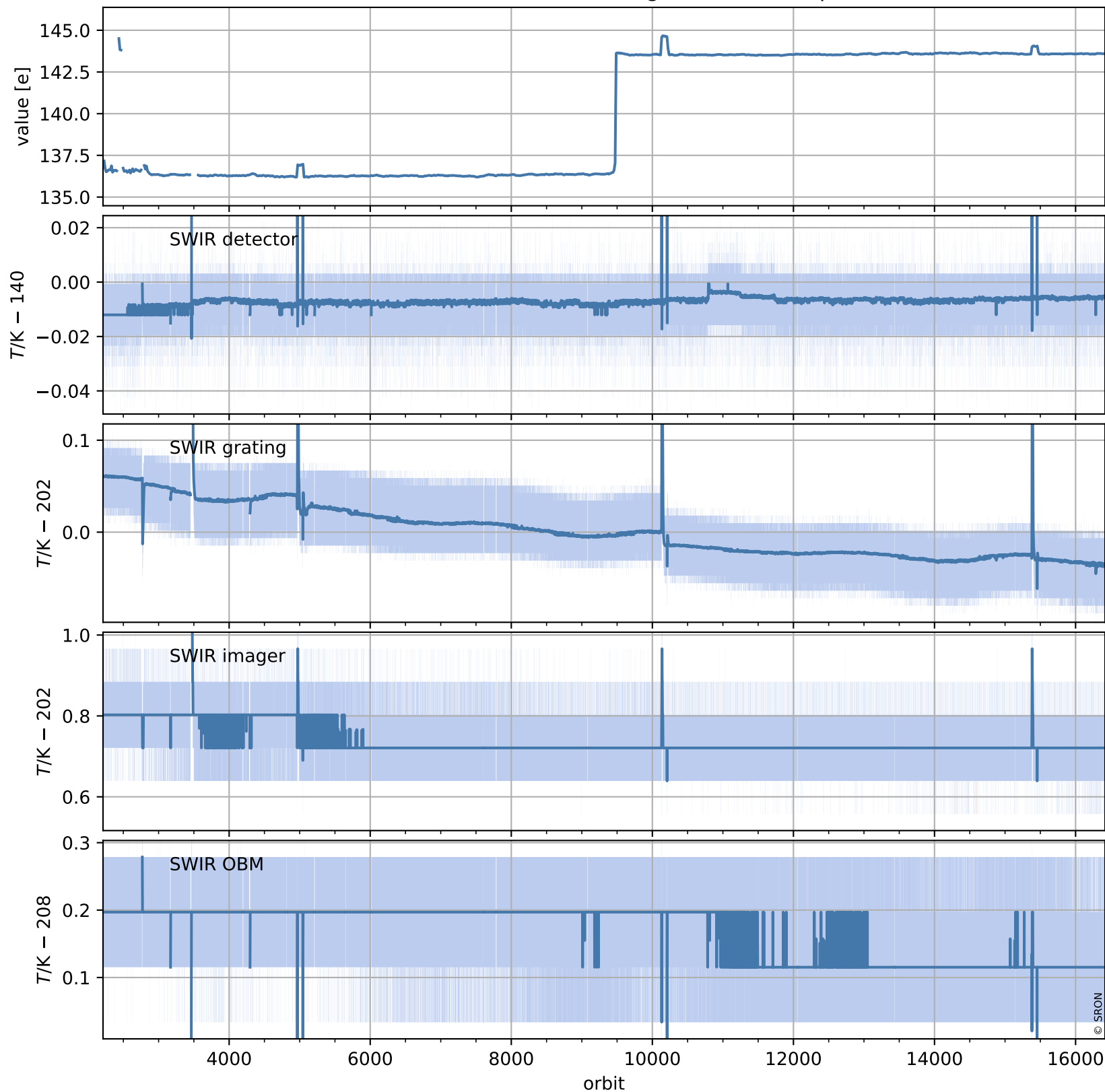
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16417]
coverage : 2018-03-18 / 2020-12-13
created : 2023-08-21T15:47:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16417]
coverage : 2018-03-18 / 2020-12-13
created : 2023-08-21T15:47:36

trend of normalized read-noise & temperatures

