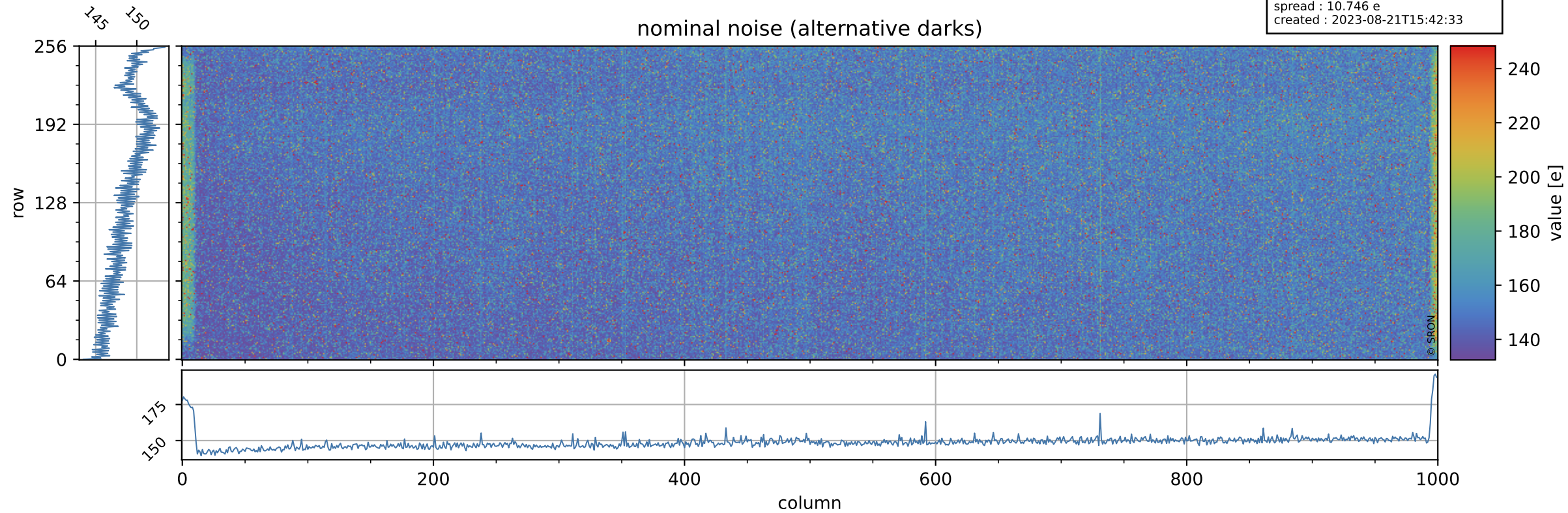


Tropomi SWIR background noise (swir)

orbits : 12 in [15442, 15532]
coverage : 2020-10-06 / 2020-10-11
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.746 e
created : 2023-08-21T15:42:33

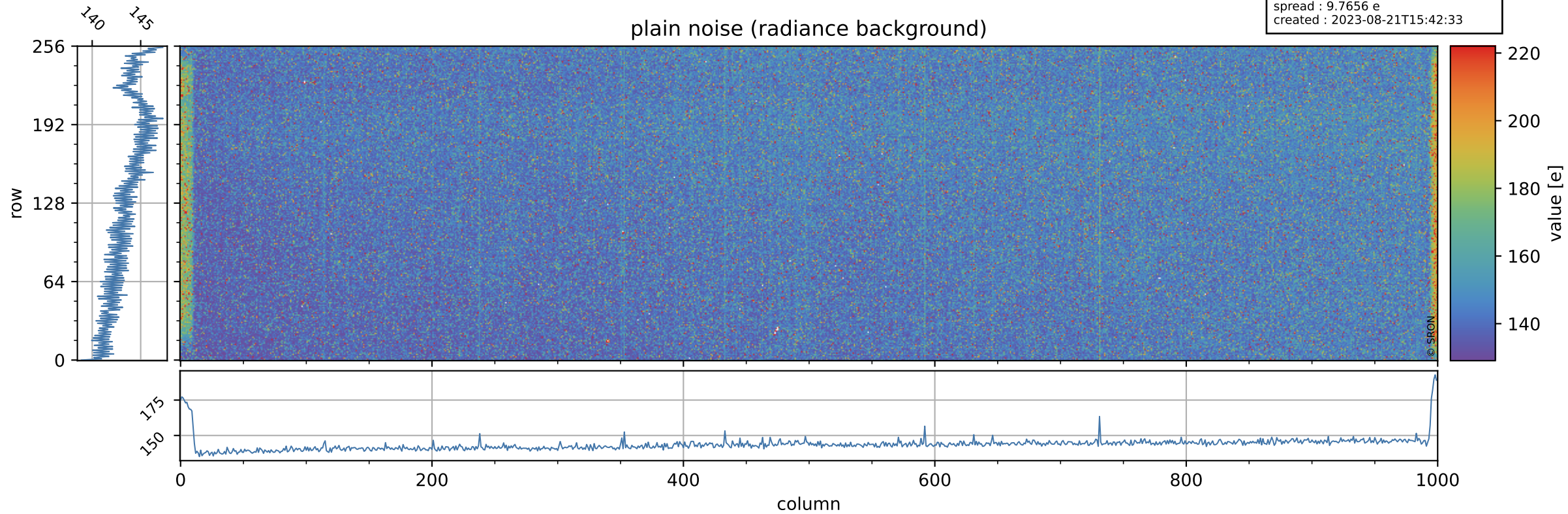
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15442, 15532]
coverage : 2020-10-06 / 2020-10-11
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.7656 e
created : 2023-08-21T15:42:33

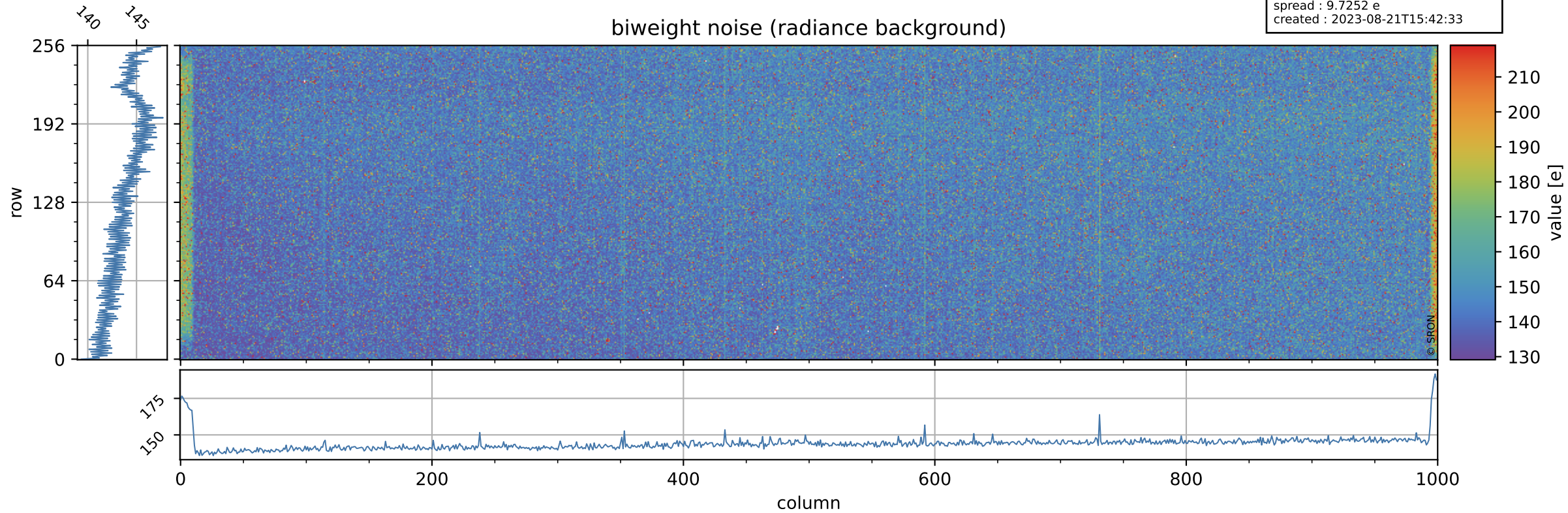
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15442, 15532]
coverage : 2020-10-06 / 2020-10-11
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.7252 e
created : 2023-08-21T15:42:33

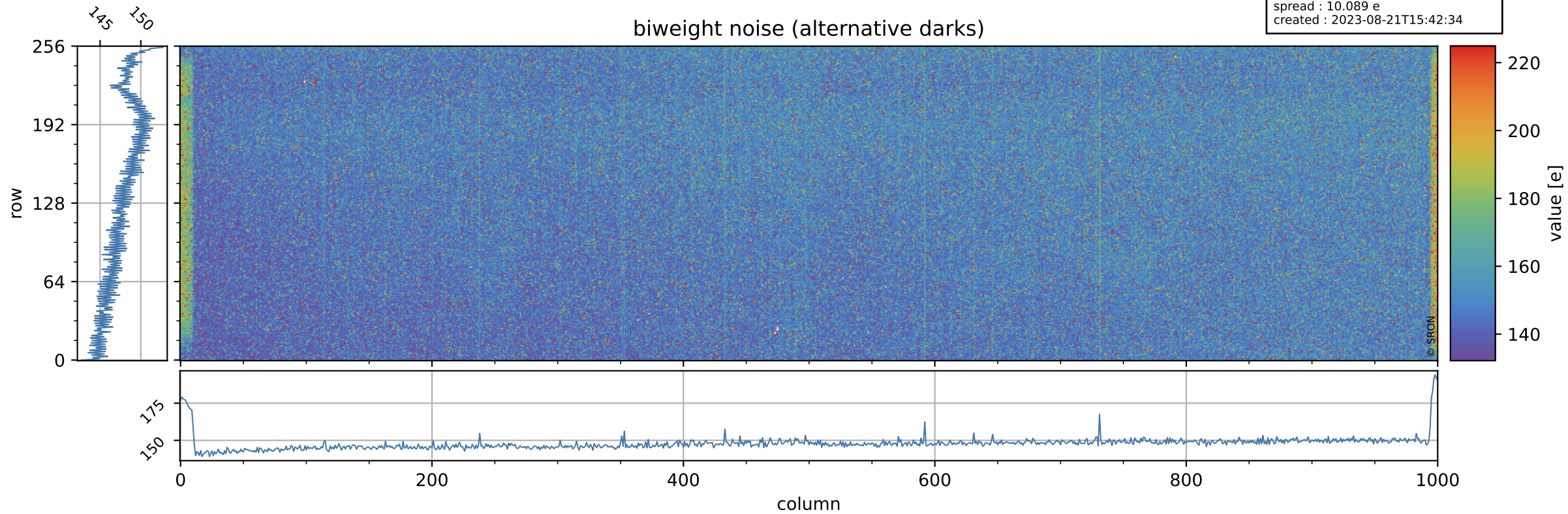
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15442, 15532]
coverage : 2020-10-06 / 2020-10-11
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.089 e
created : 2023-08-21T15:42:34

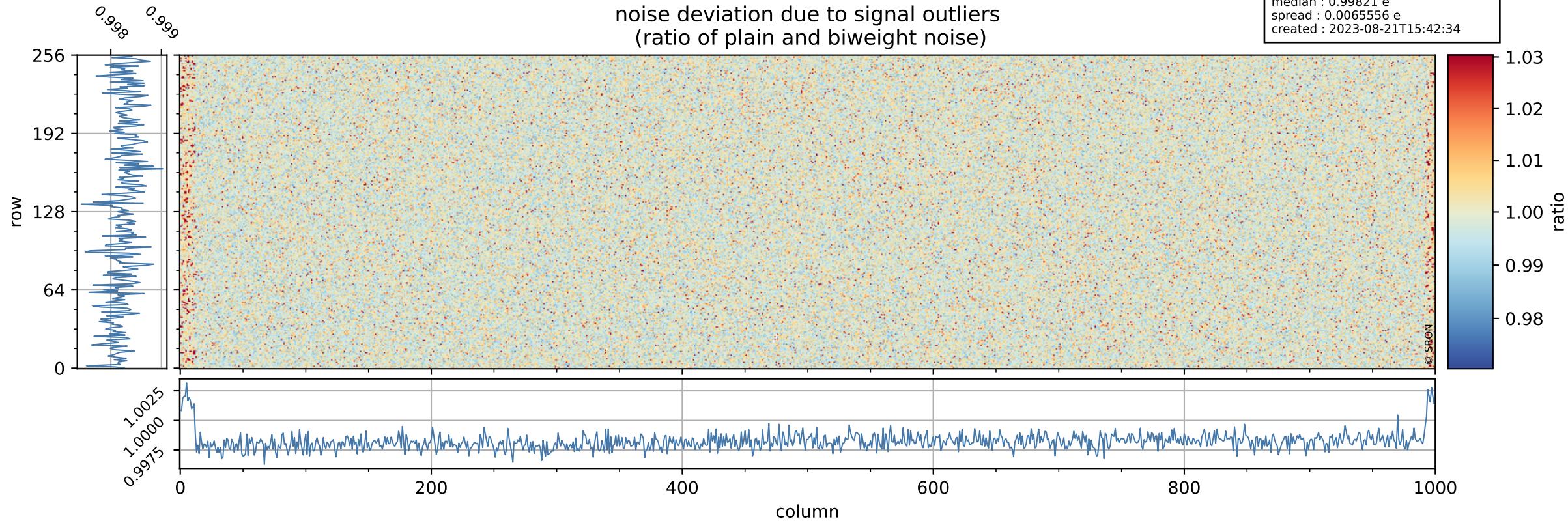
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

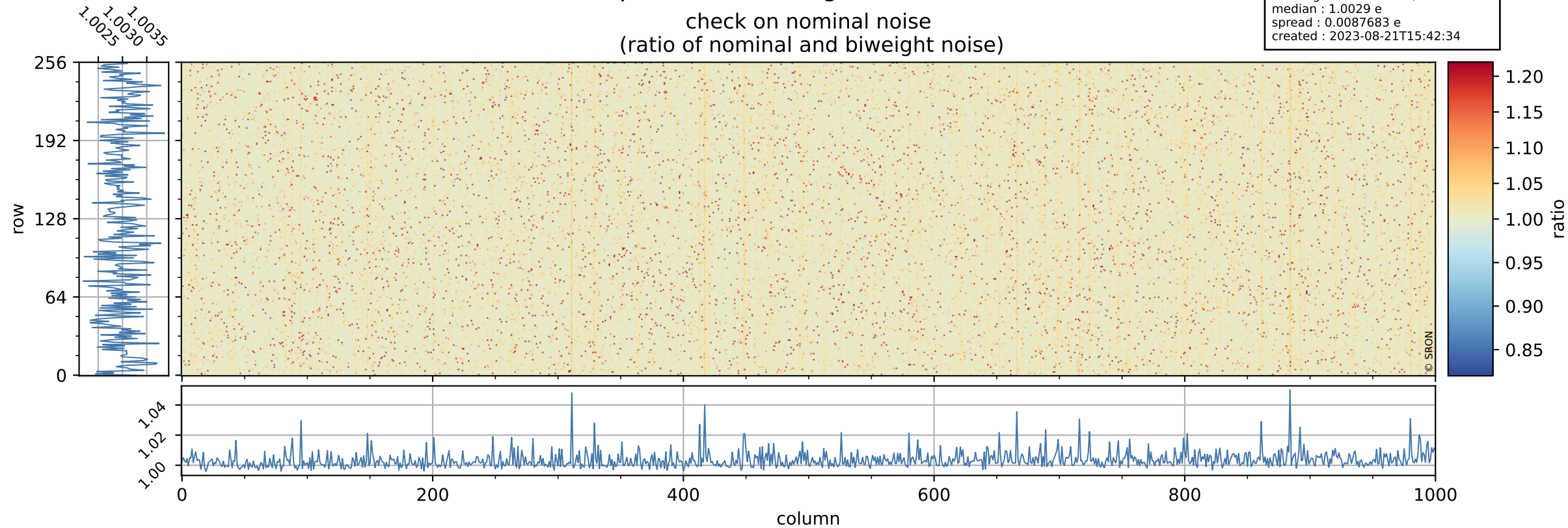
orbits : 12 in [15442, 15532]
coverage : 2020-10-06 / 2020-10-11
median : 0.99821 e
spread : 0.0065556 e
created : 2023-08-21T15:42:34



Tropomi SWIR background noise (swir)

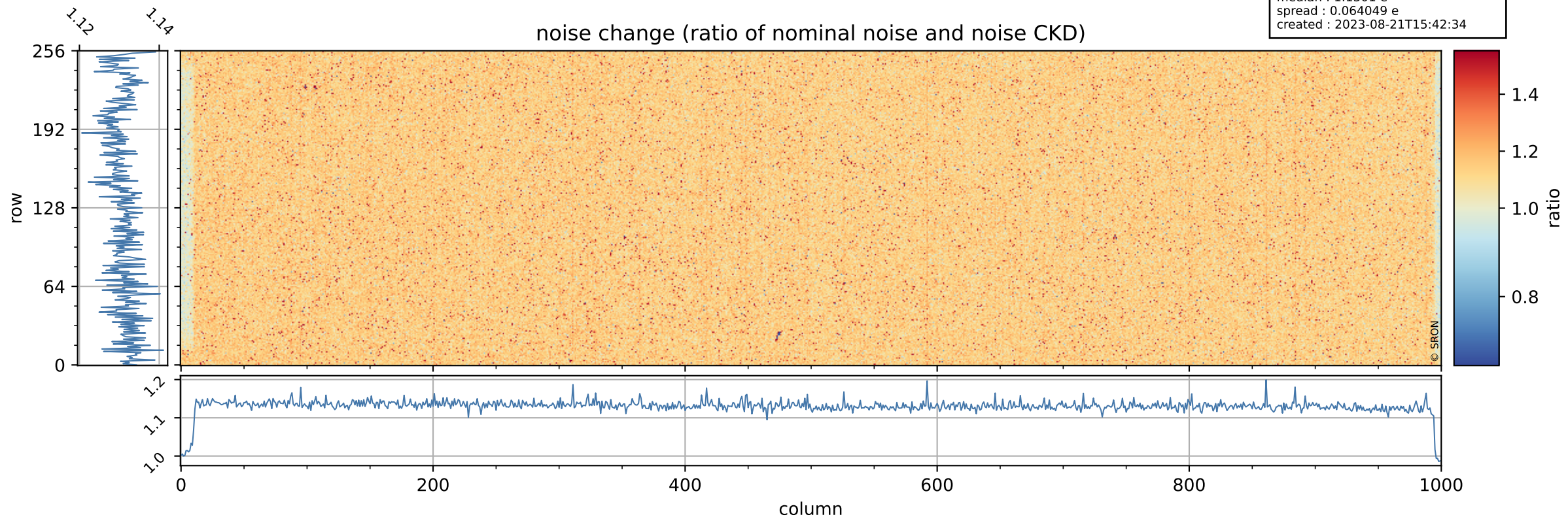
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15442, 15532]
coverage : 2020-10-06 / 2020-10-11
median : 1.0029 e
spread : 0.0087683 e
created : 2023-08-21T15:42:34



Tropomi SWIR background noise (swir)

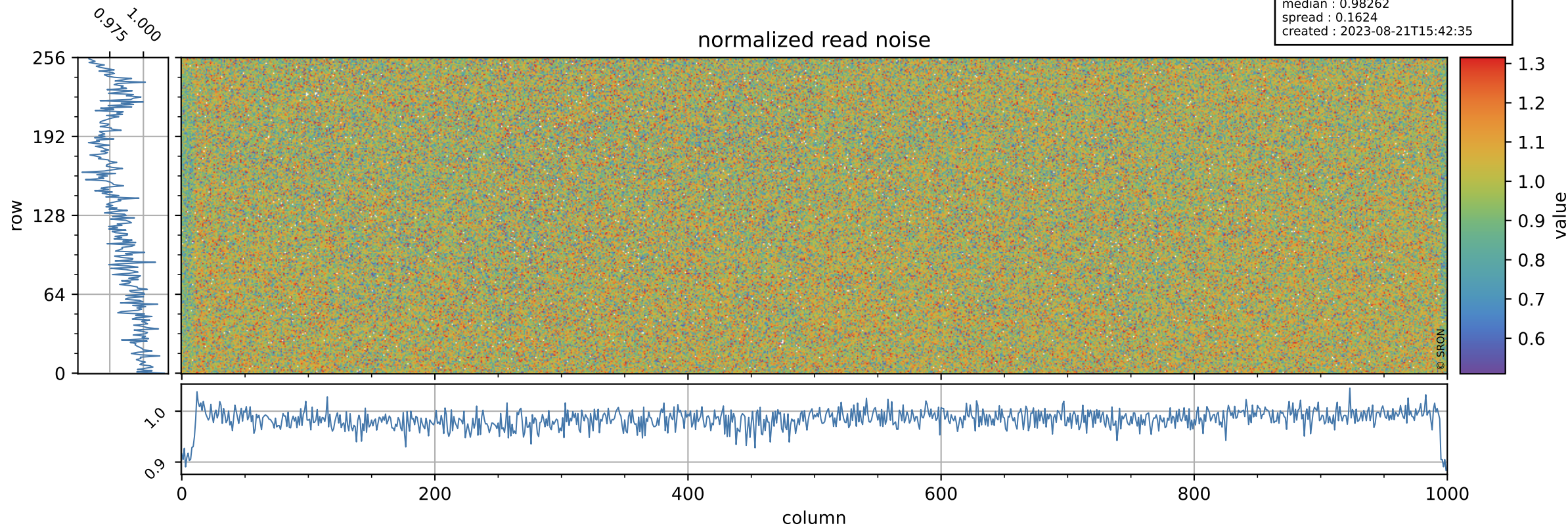
orbits : 12 in [15442, 15532]
coverage : 2020-10-06 / 2020-10-11
median : 1.1301 e
spread : 0.064049 e
created : 2023-08-21T15:42:34



Tropomi SWIR background noise (swir)

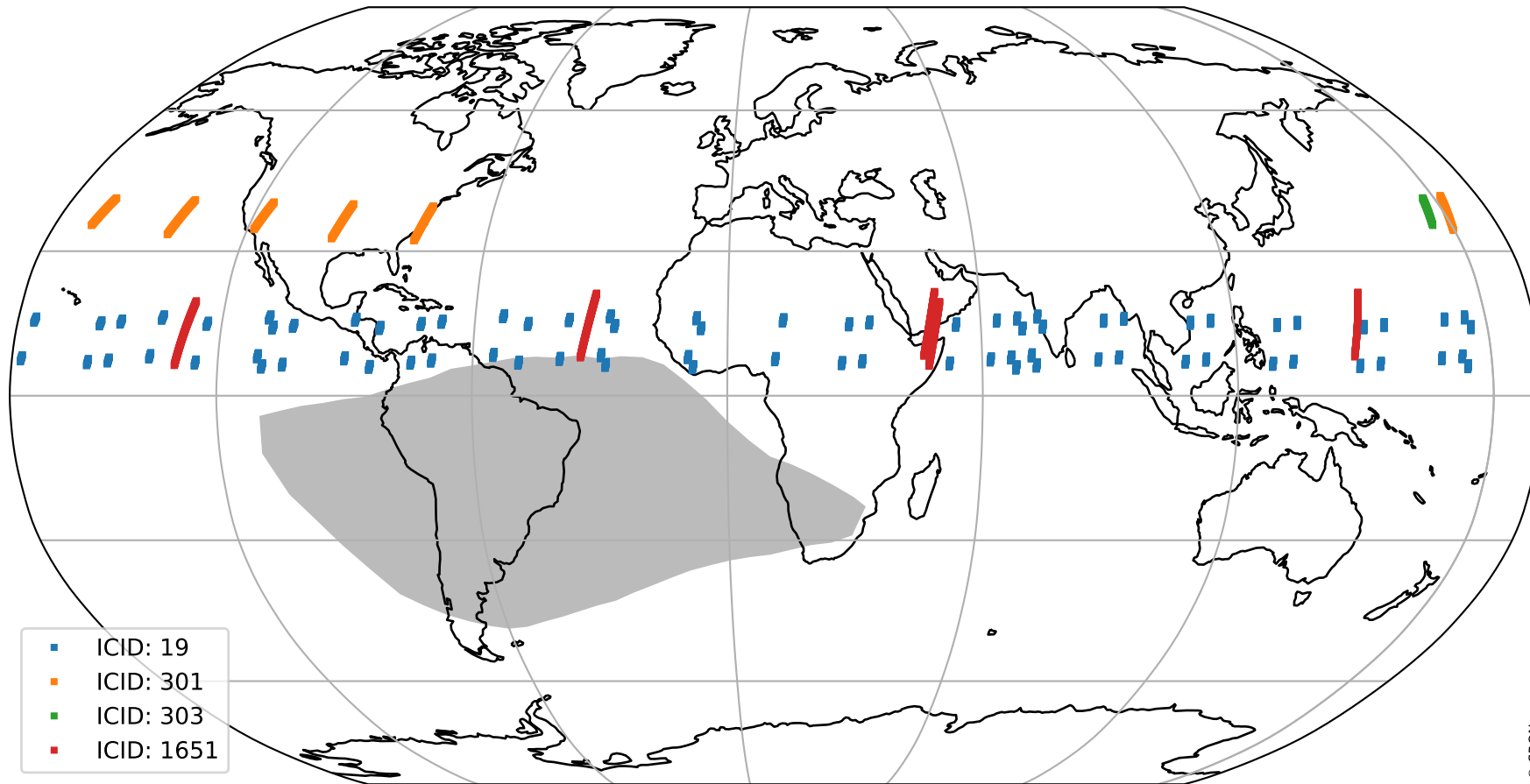
orbits : 12 in [15442, 15532]
coverage : 2020-10-06 / 2020-10-11
median : 0.98262
spread : 0.1624
created : 2023-08-21T15:42:35

normalized read noise



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

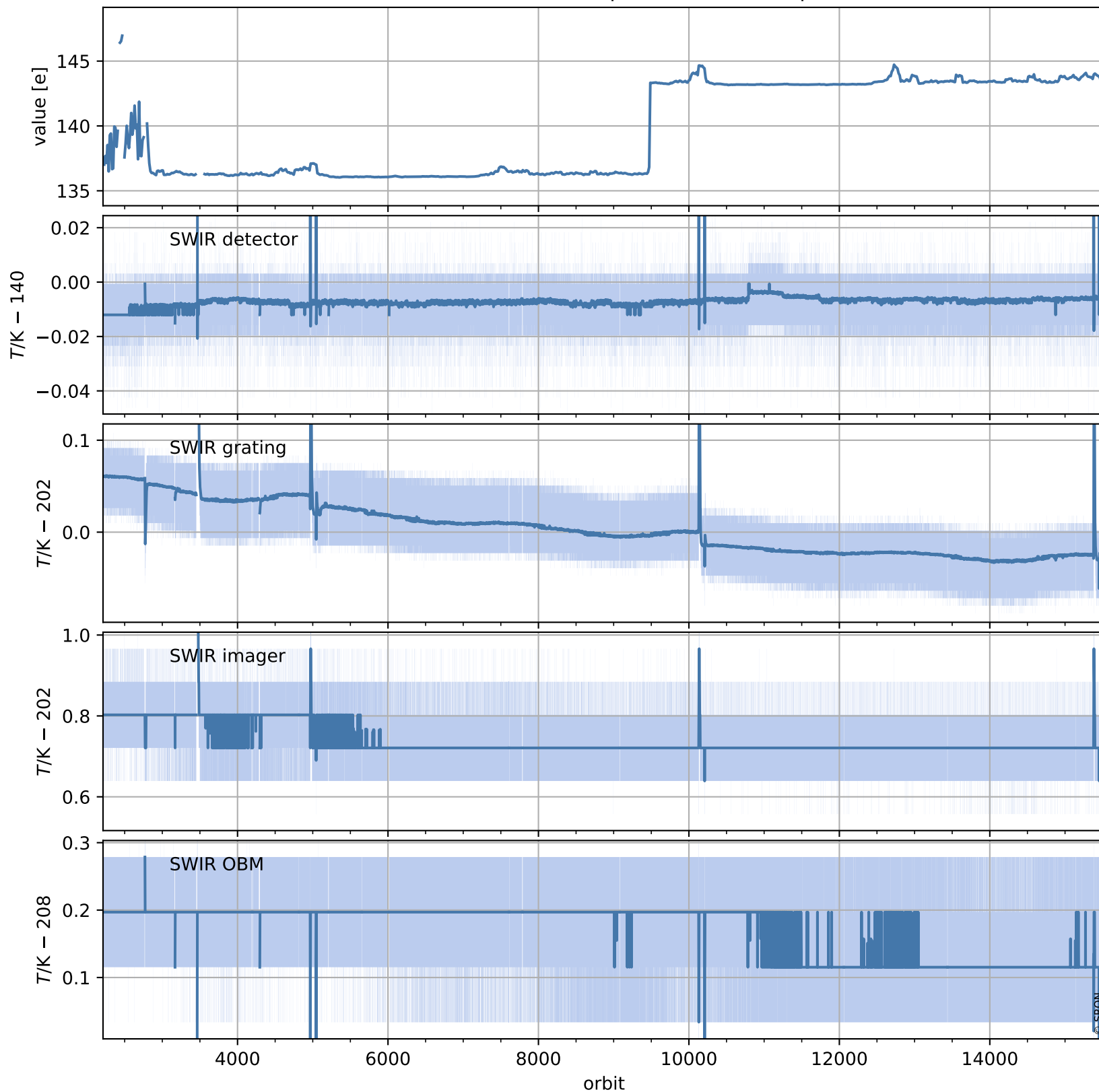
orbits : 12 in [15442, 15532]
coverage : 2020-10-06 / 2020-10-11
created : 2023-08-21T15:42:35



Tropomi SWIR background noise (swir)

orbits : [2212, 15532]
coverage : 2018-03-18 / 2020-10-11
created : 2023-08-21T15:42:35

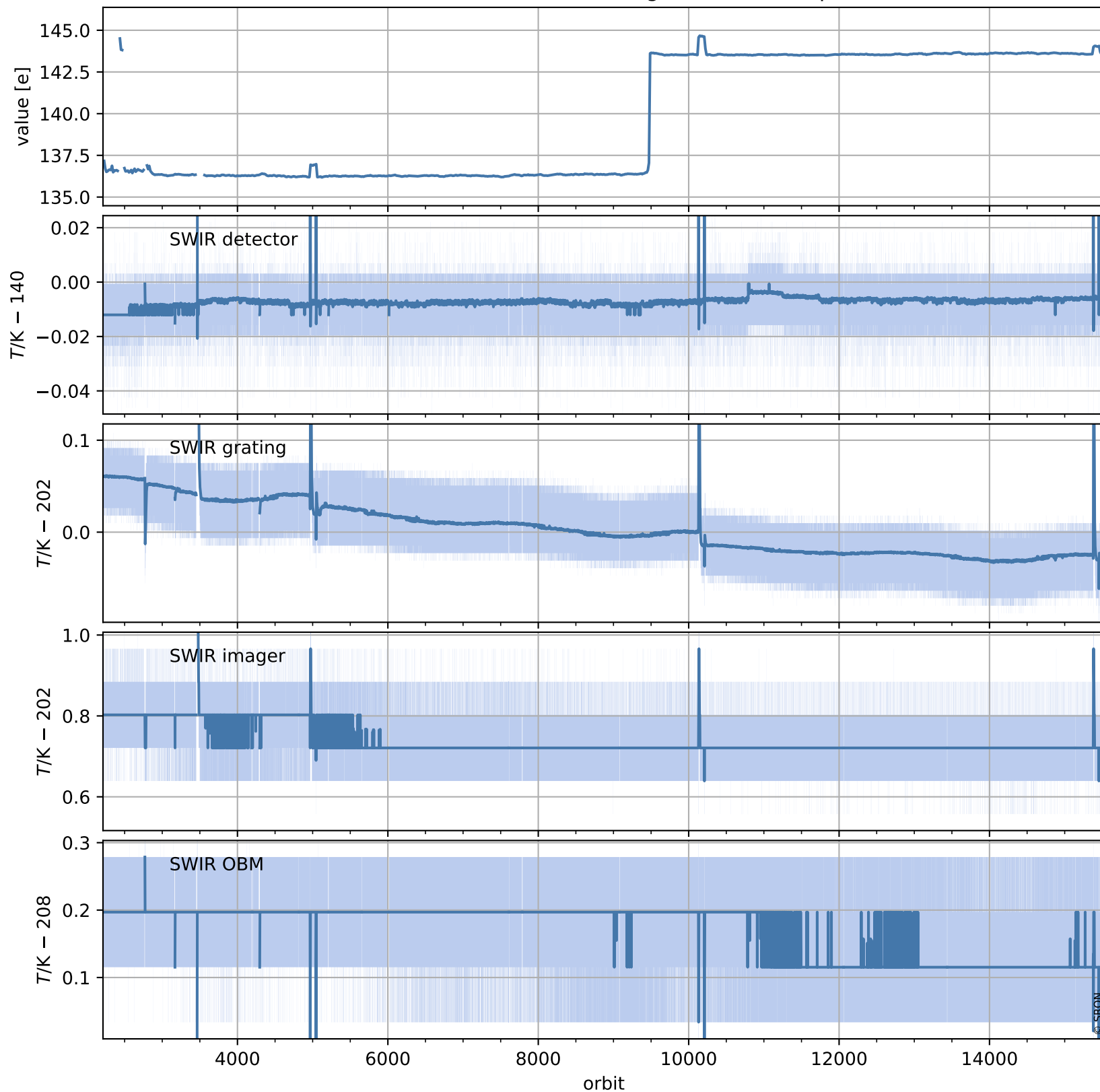
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15532]
coverage : 2018-03-18 / 2020-10-11
created : 2023-08-21T15:42:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15532]
coverage : 2018-03-18 / 2020-10-11
created : 2023-08-21T15:42:37

trend of normalized read-noise & temperatures

