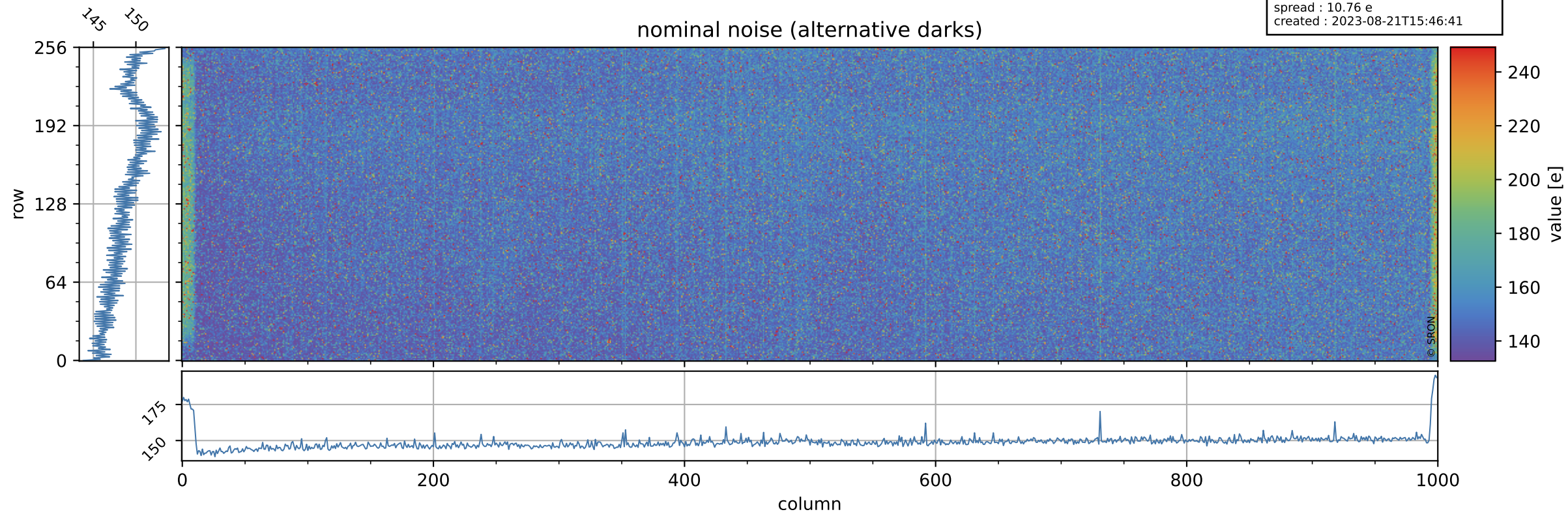


Tropomi SWIR background noise (swir)

orbits : 12 in [16177, 16267]
coverage : 2020-11-27 / 2020-12-03
n_coad, t_exp : 1, 1.0783
median : 148.66 e
spread : 10.76 e
created : 2023-08-21T15:46:41

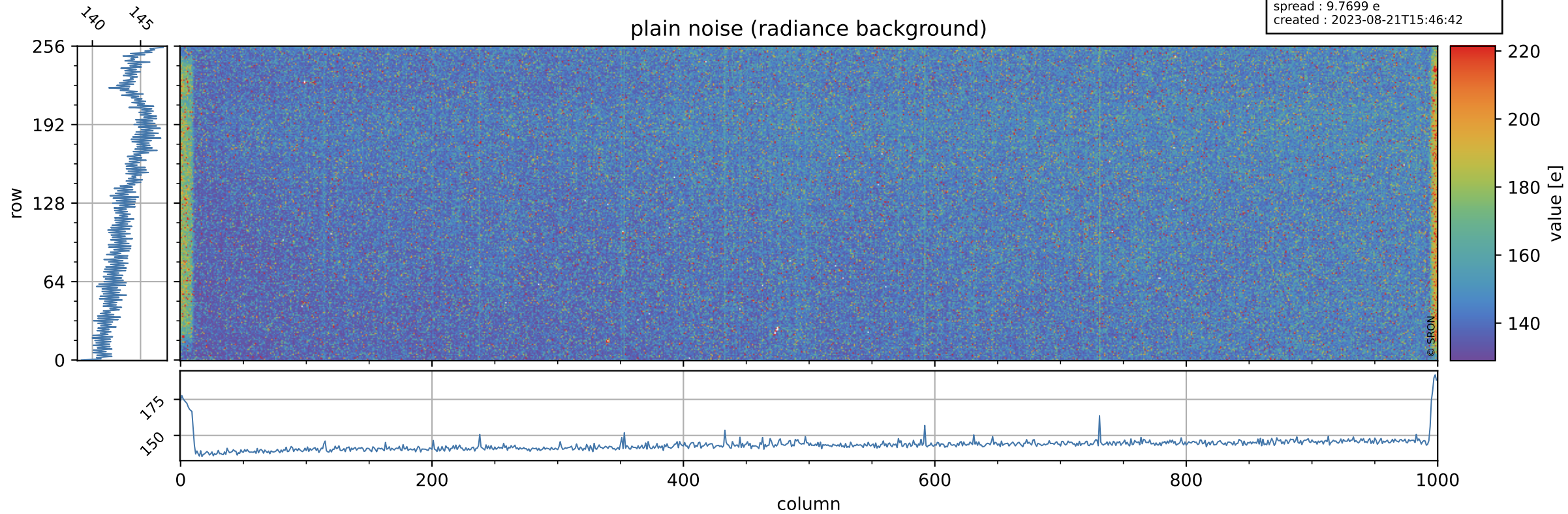
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16177, 16267]
coverage : 2020-11-27 / 2020-12-03
n_coad, t_exp : 1, 0.8383
median : 143.4 e
spread : 9.7699 e
created : 2023-08-21T15:46:42

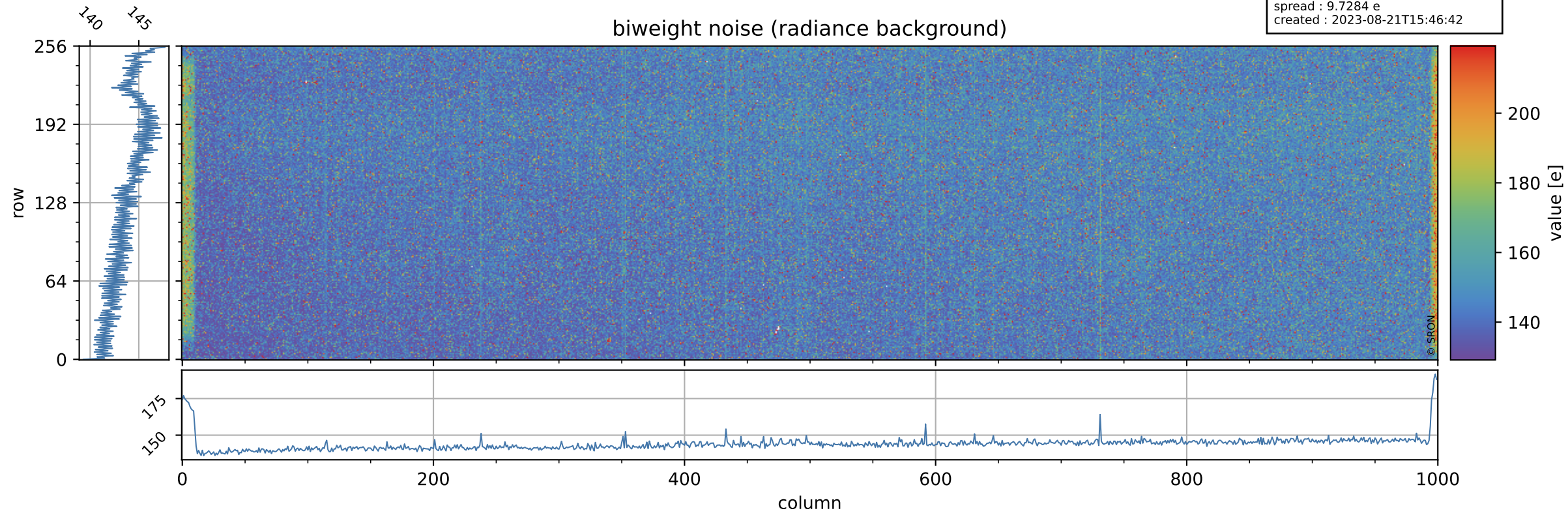
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16177, 16267]
coverage : 2020-11-27 / 2020-12-03
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7284 e
created : 2023-08-21T15:46:42

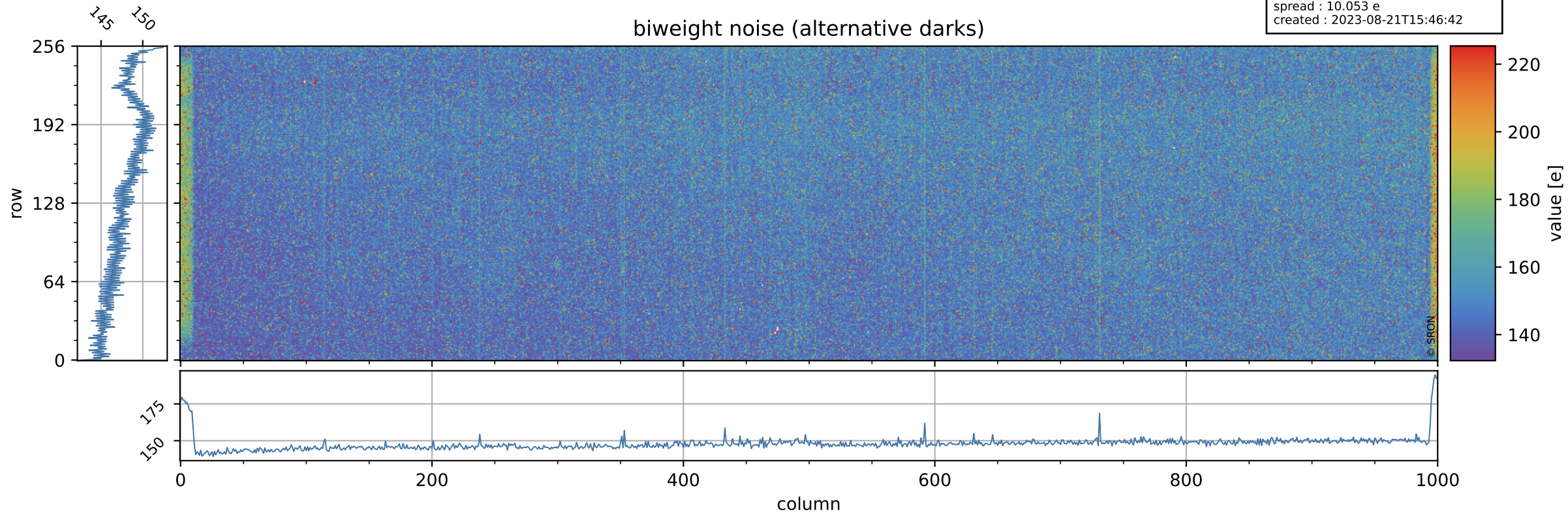
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16177, 16267]
coverage : 2020-11-27 / 2020-12-03
n_coad, t_exp : 1, 1.0783
median : 147.69 e
spread : 10.053 e
created : 2023-08-21T15:46:42

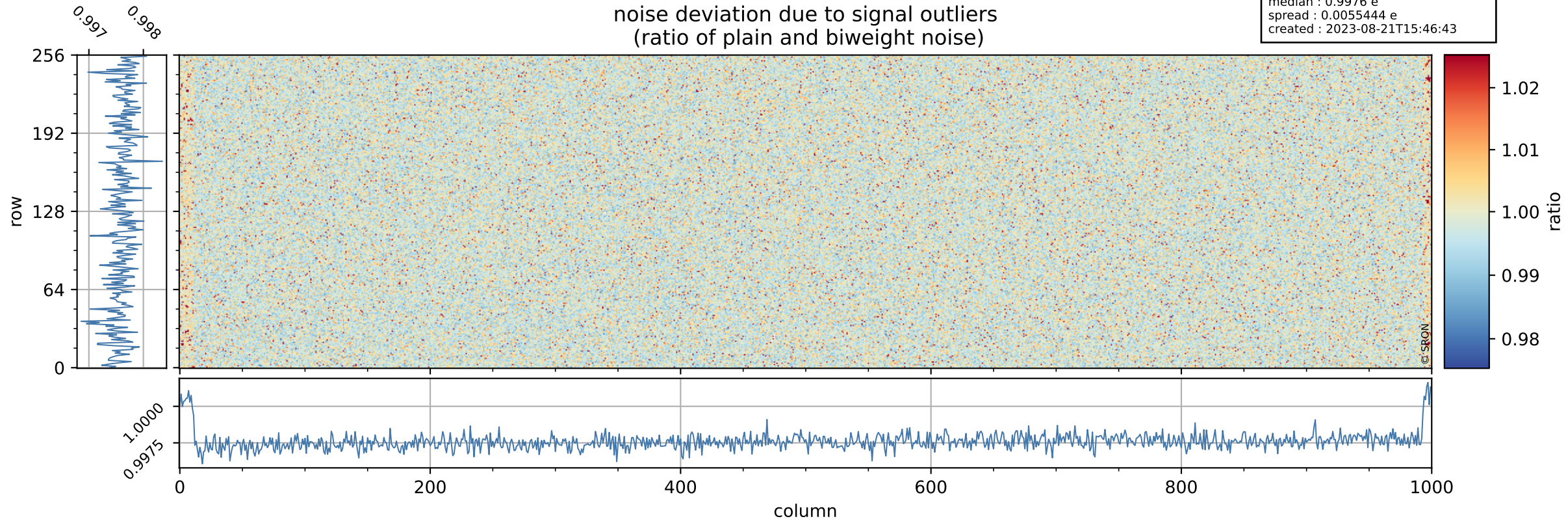
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

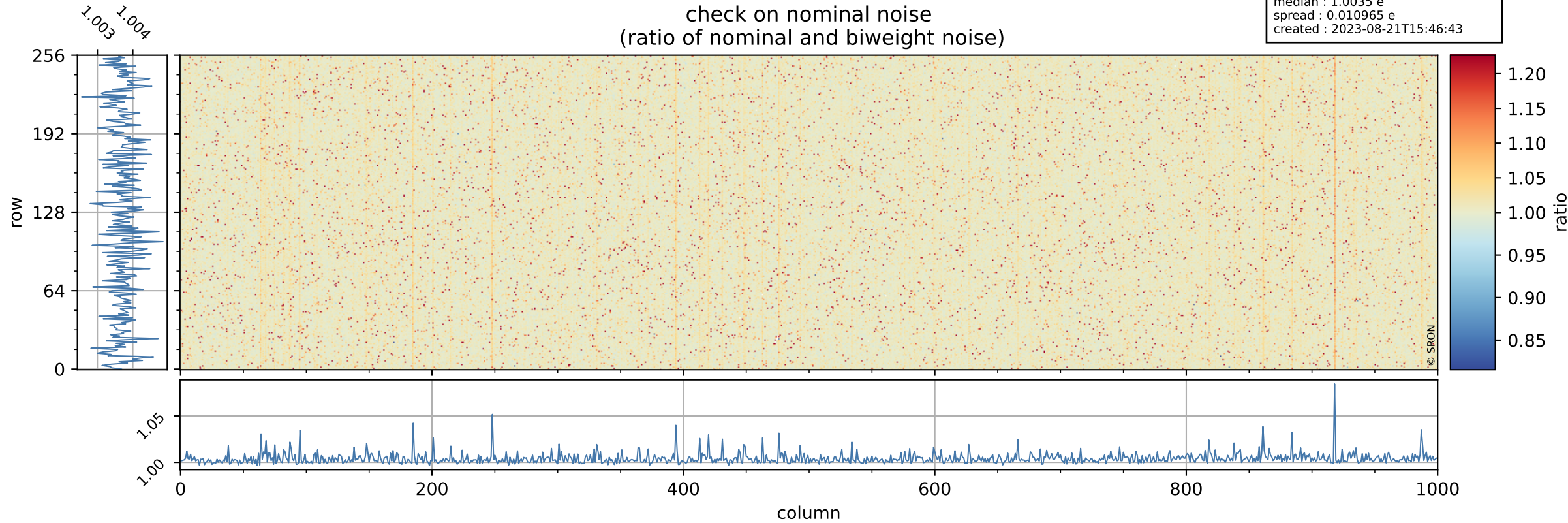
orbits : 12 in [16177, 16267]
coverage : 2020-11-27 / 2020-12-03
median : 0.9976 e
spread : 0.0055444 e
created : 2023-08-21T15:46:43



Tropomi SWIR background noise (swir)

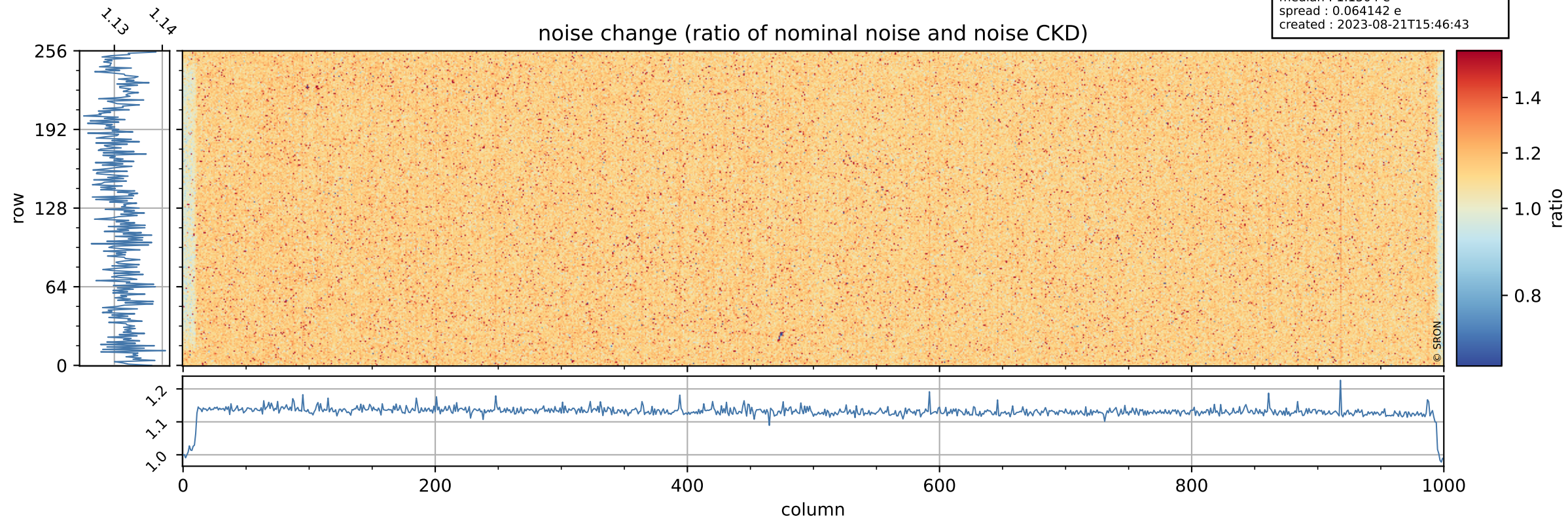
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16177, 16267]
coverage : 2020-11-27 / 2020-12-03
median : 1.0035 e
spread : 0.010965 e
created : 2023-08-21T15:46:43



Tropomi SWIR background noise (swir)

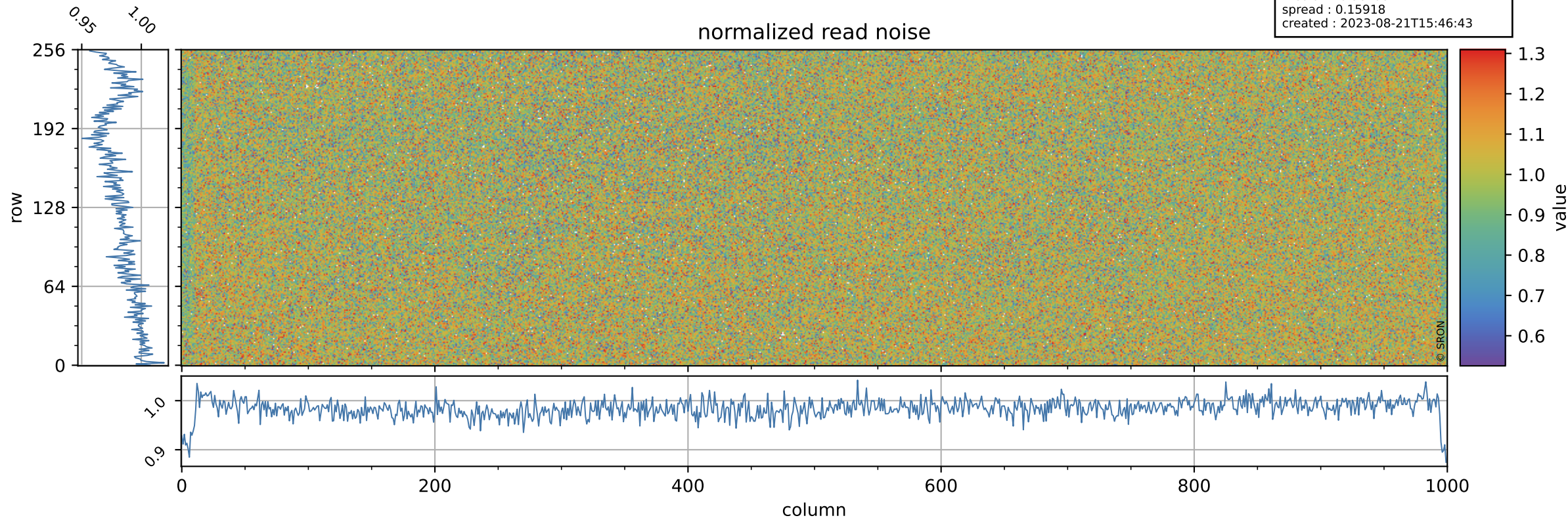
orbits : 12 in [16177, 16267]
coverage : 2020-11-27 / 2020-12-03
median : 1.1304 e
spread : 0.064142 e
created : 2023-08-21T15:46:43



Tropomi SWIR background noise (swir)

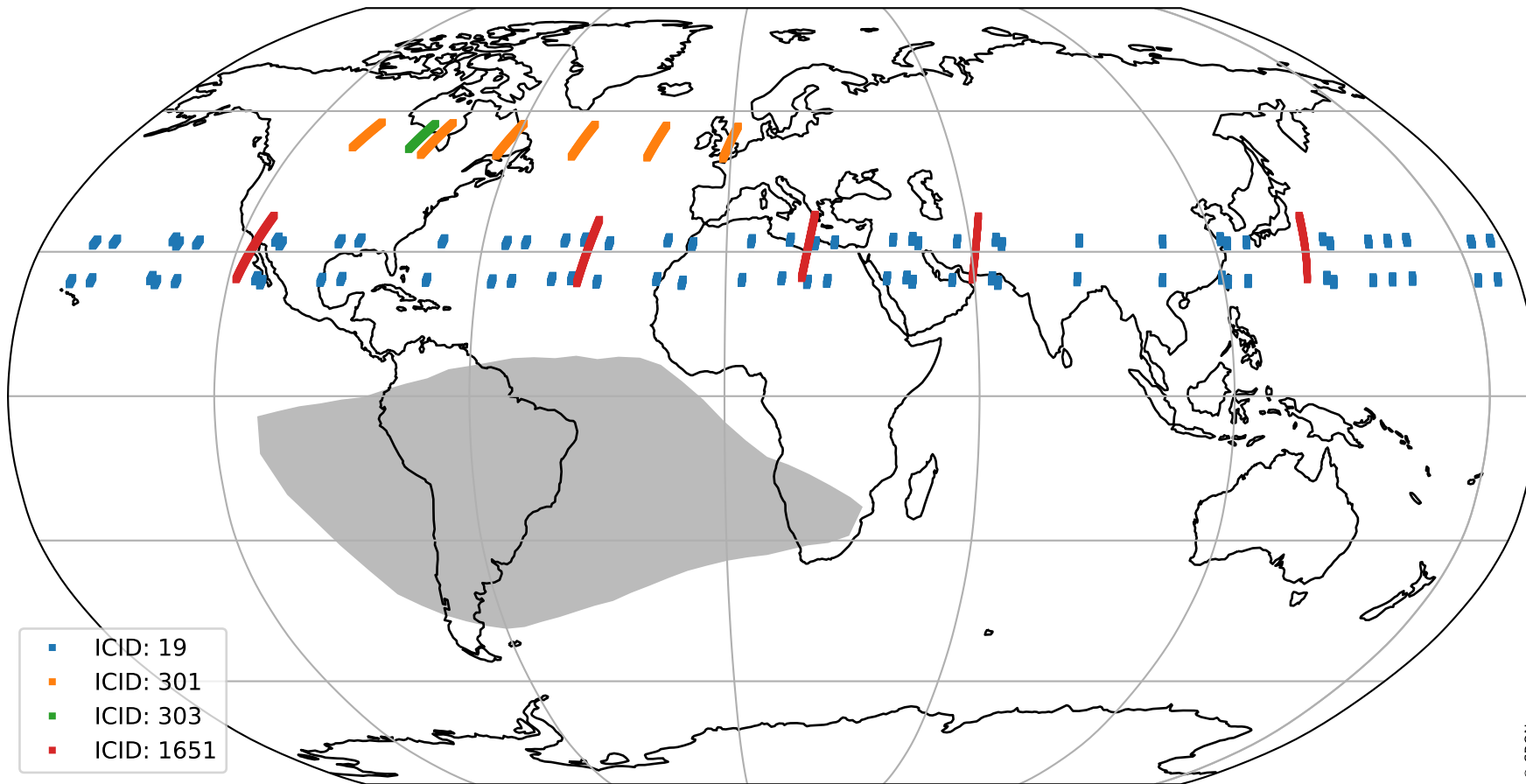
orbits : 12 in [16177, 16267]
coverage : 2020-11-27 / 2020-12-03
median : 0.98299
spread : 0.15918
created : 2023-08-21T15:46:43

normalized read noise



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

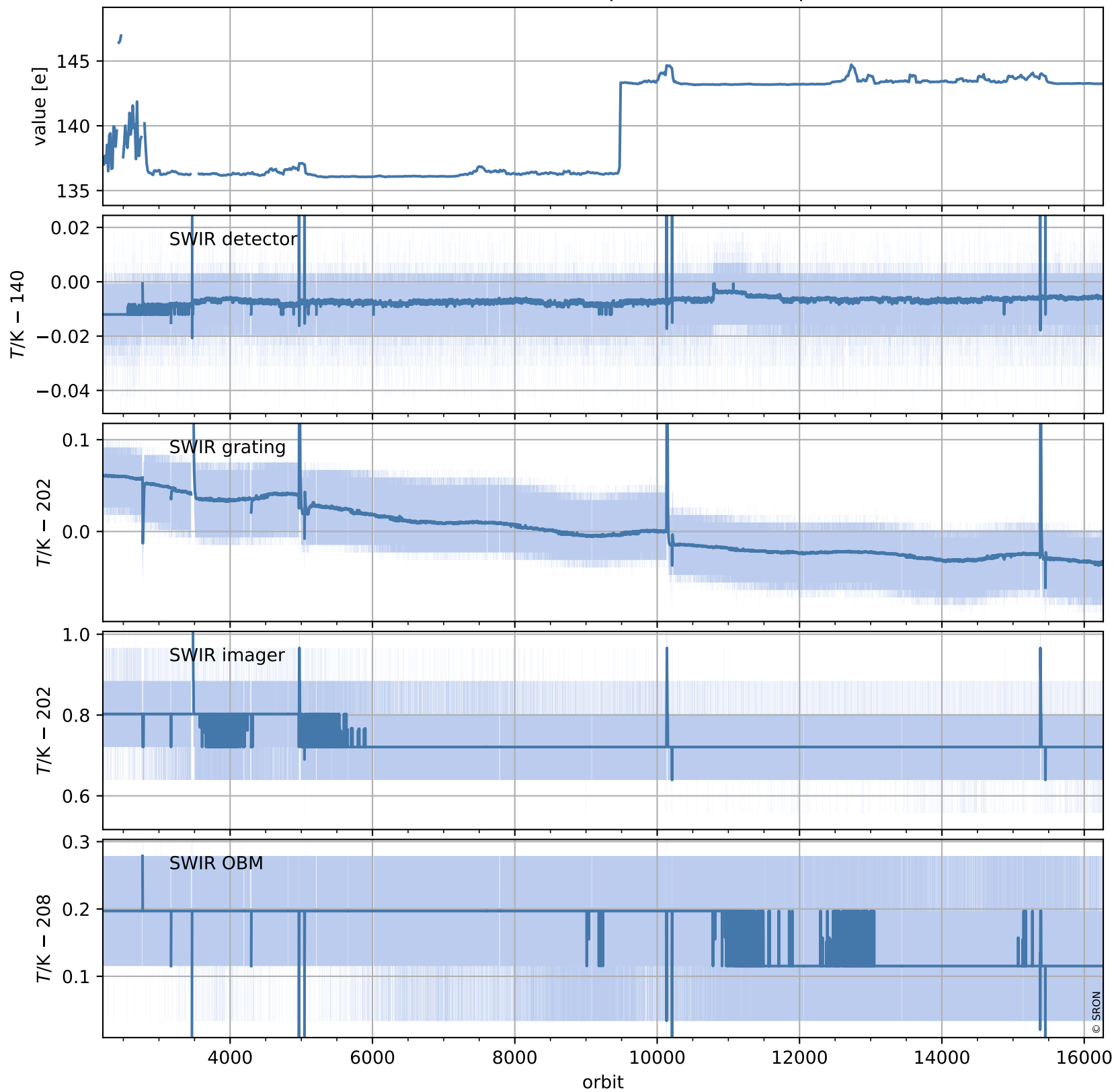
orbits : 12 in [16177, 16267]
coverage : 2020-11-27 / 2020-12-03
created : 2023-08-21T15:46:44



Tropomi SWIR background noise (swir)

orbits : [2212, 16267]
coverage : 2018-03-18 / 2020-12-03
created : 2023-08-21T15:46:44

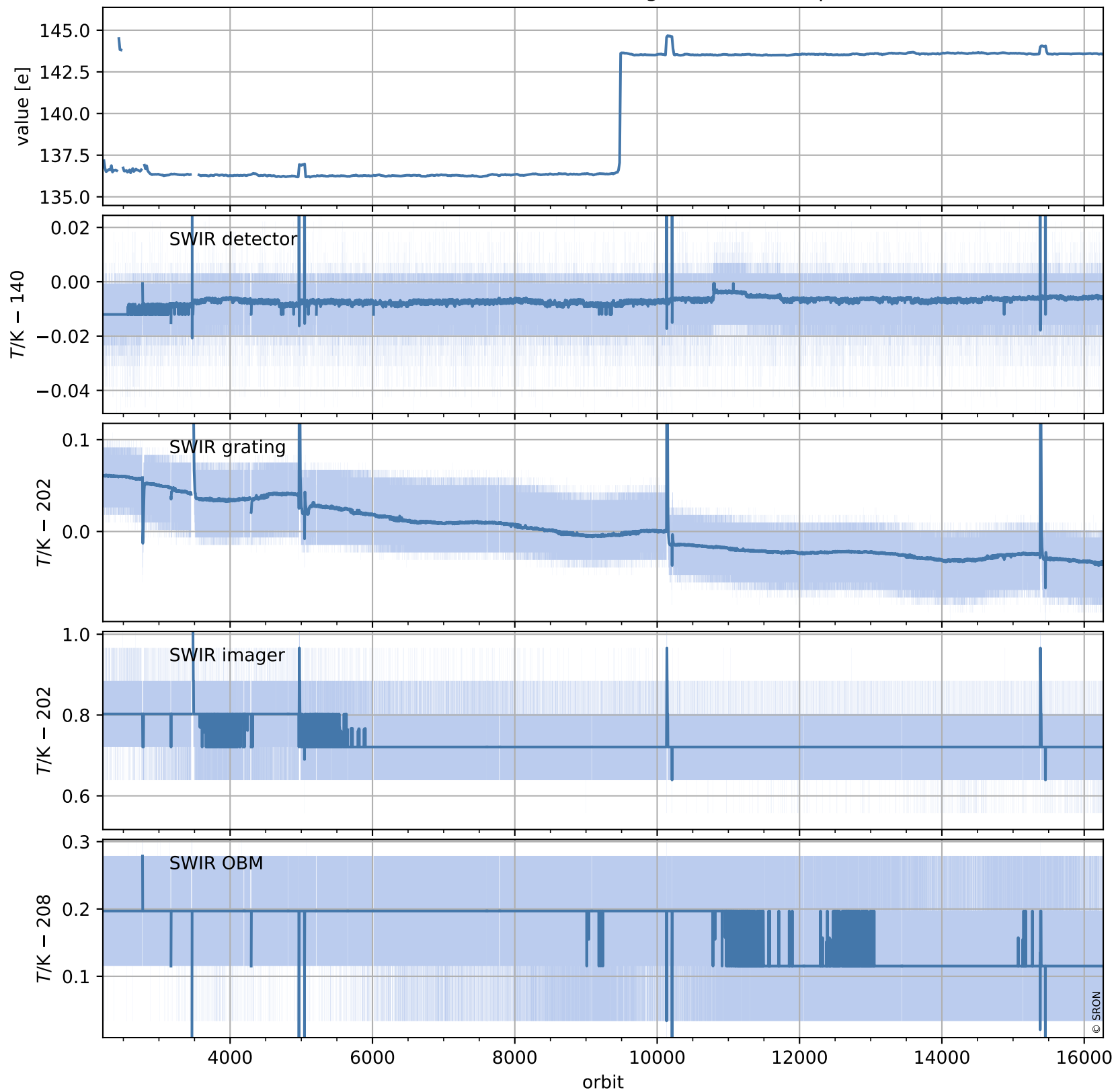
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16267]
coverage : 2018-03-18 / 2020-12-03
created : 2023-08-21T15:46:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16267]
coverage : 2018-03-18 / 2020-12-03
created : 2023-08-21T15:46:45

trend of normalized read-noise & temperatures

