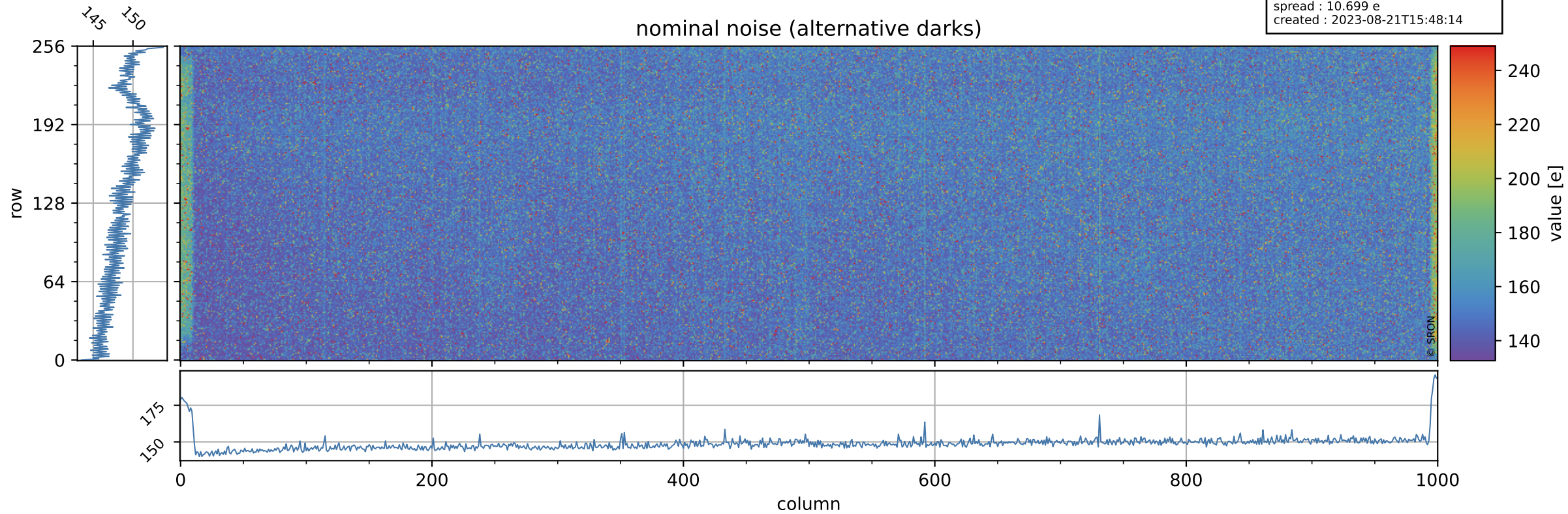


Tropomi SWIR background noise (swir)

orbits : 13 in [16447, 16537]
coverage : 2020-12-16 / 2020-12-22
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.699 e
created : 2023-08-21T15:48:14

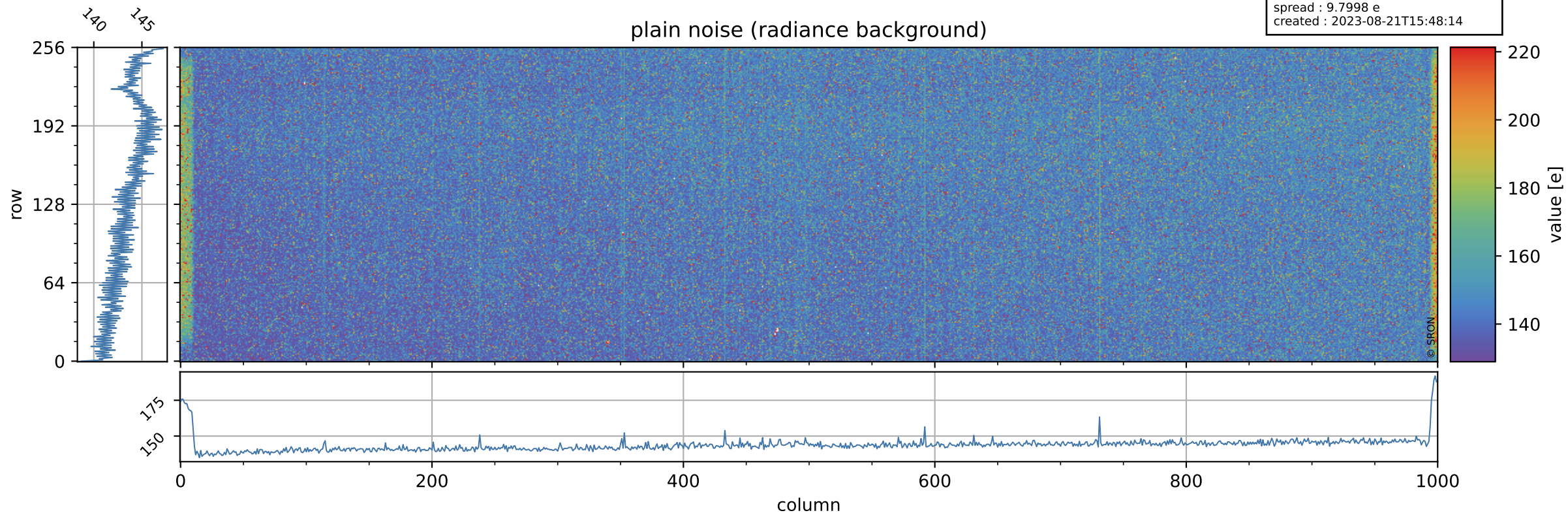
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [16447, 16537]
coverage : 2020-12-16 / 2020-12-22
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.7998 e
created : 2023-08-21T15:48:14

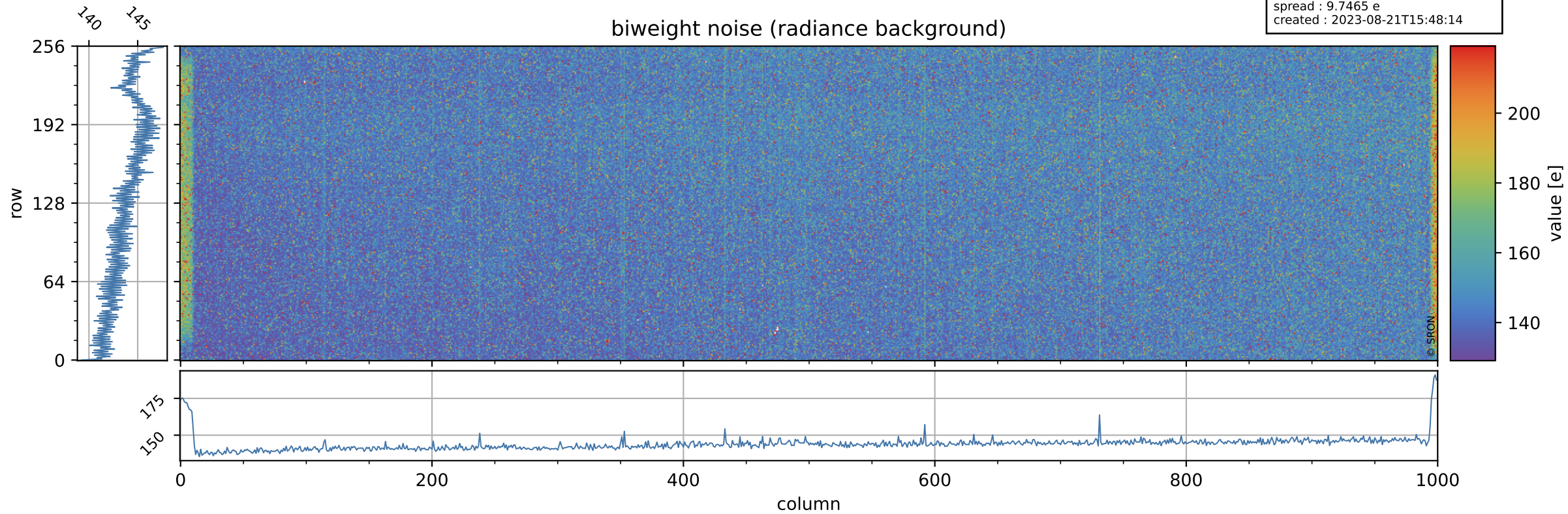
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16447, 16537]
coverage : 2020-12-16 / 2020-12-22
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7465 e
created : 2023-08-21T15:48:14

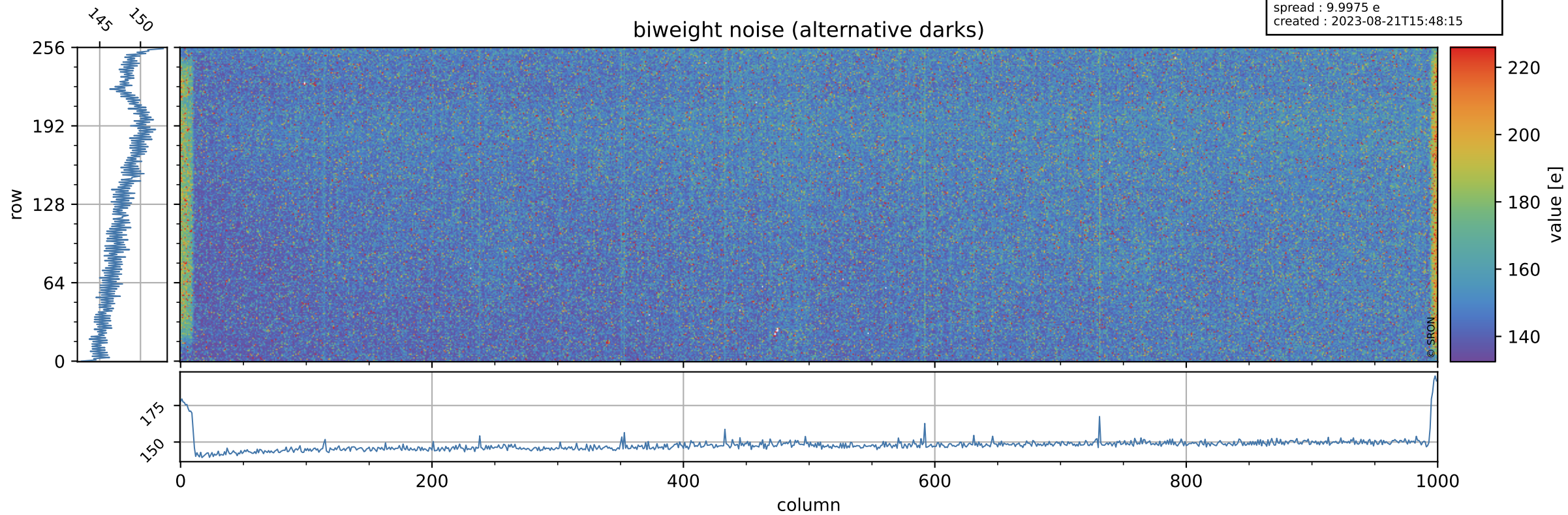
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16447, 16537]
coverage : 2020-12-16 / 2020-12-22
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 9.9975 e
created : 2023-08-21T15:48:15

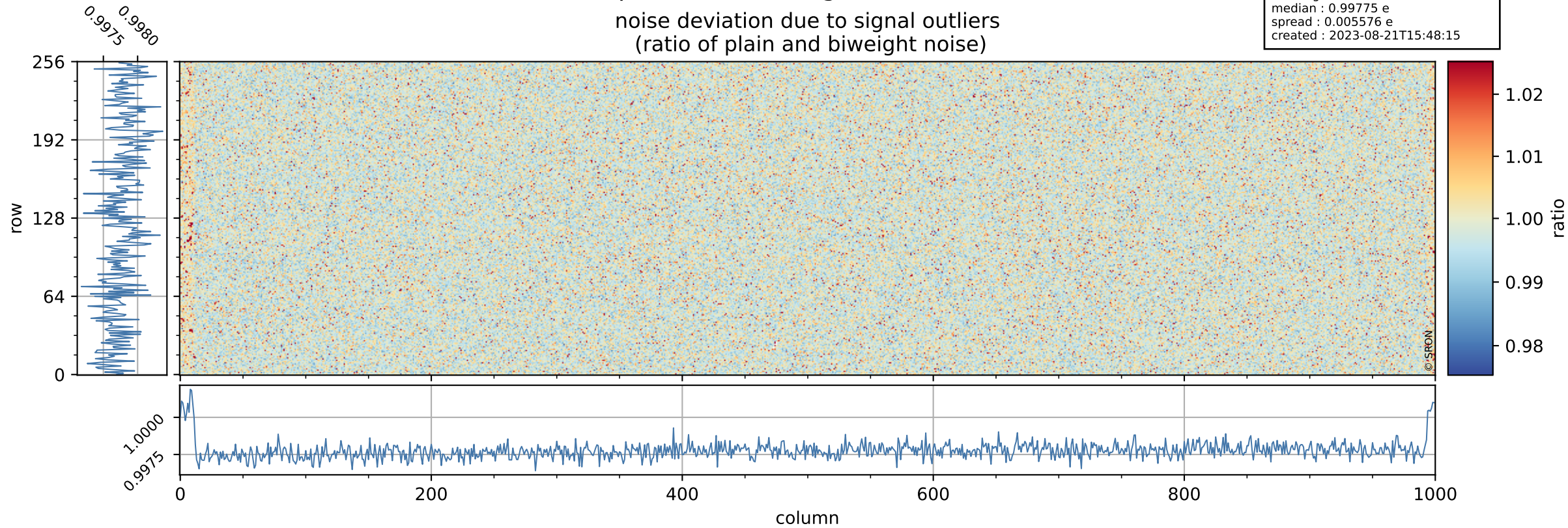
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

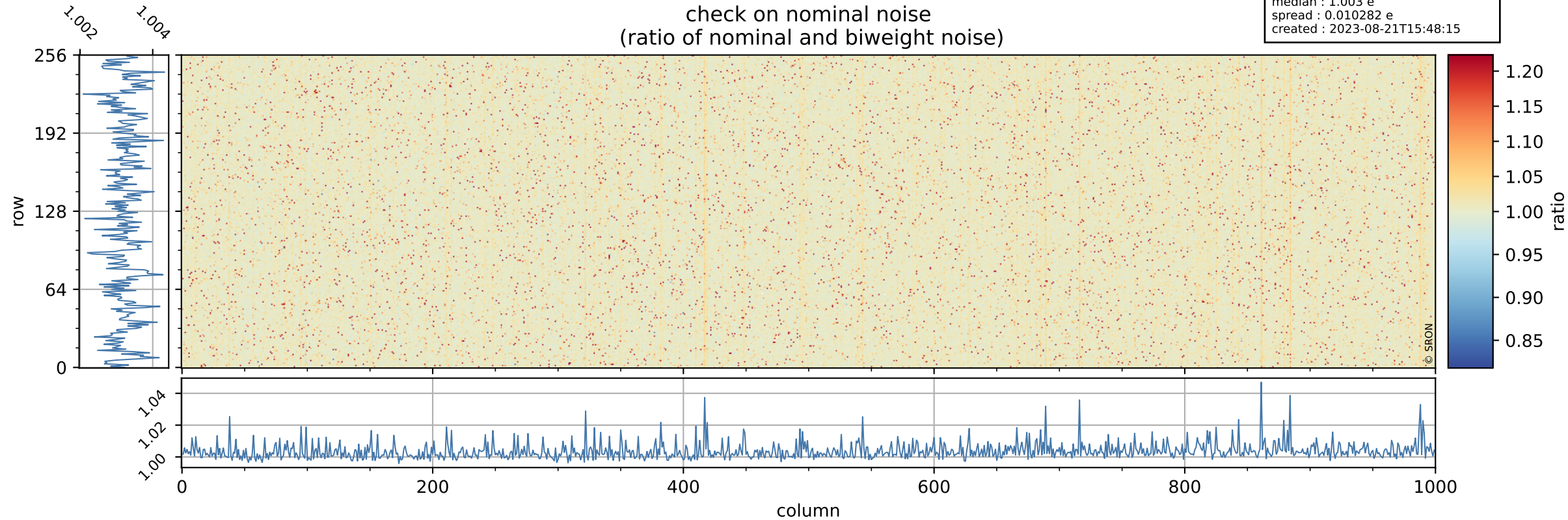
orbits : 13 in [16447, 16537]
coverage : 2020-12-16 / 2020-12-22
median : 0.99775 e
spread : 0.005576 e
created : 2023-08-21T15:48:15



Tropomi SWIR background noise (swir)

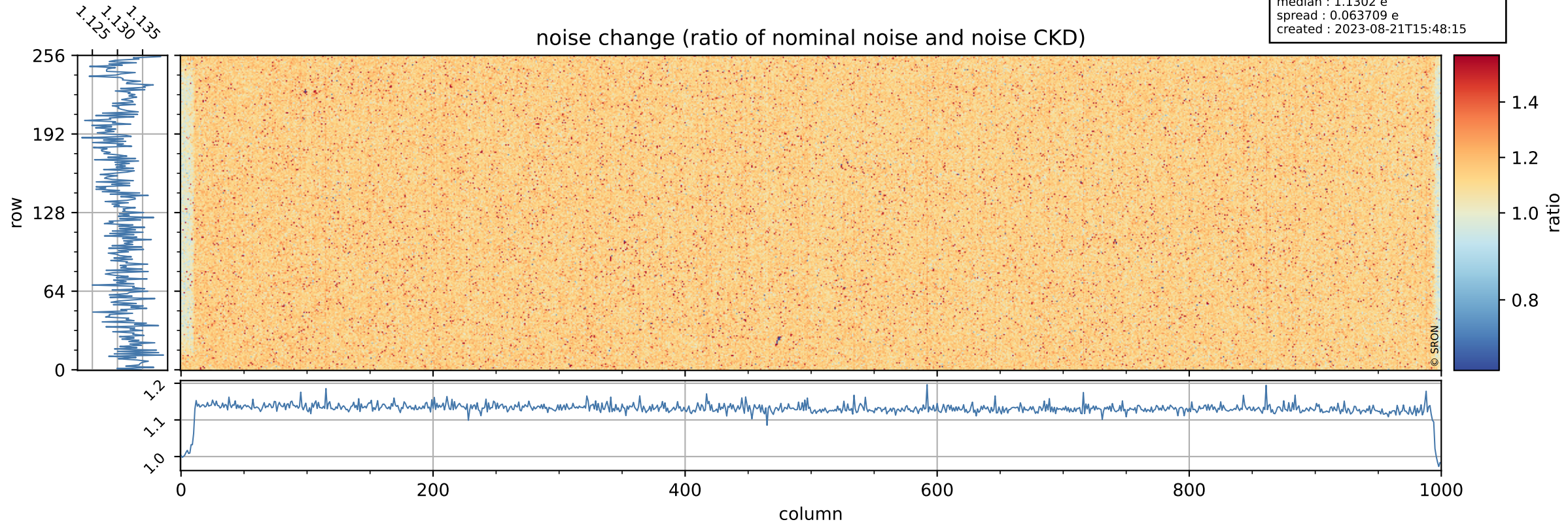
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [16447, 16537]
coverage : 2020-12-16 / 2020-12-22
median : 1.003 e
spread : 0.010282 e
created : 2023-08-21T15:48:15



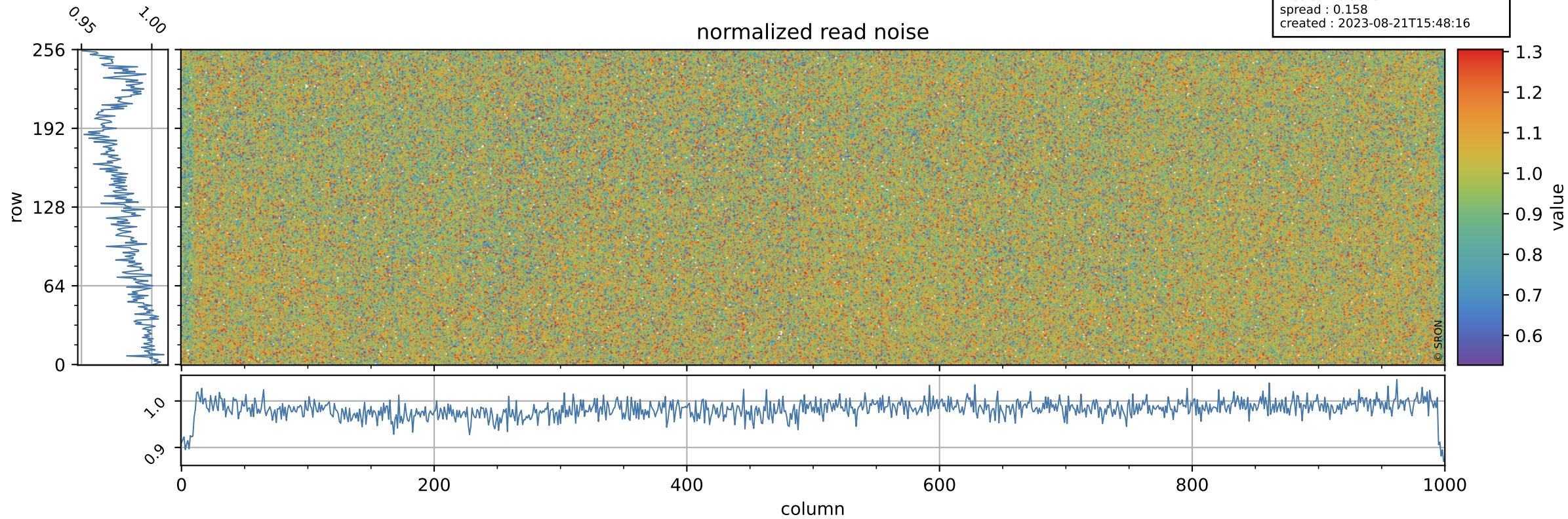
Tropomi SWIR background noise (swir)

orbits : 13 in [16447, 16537]
coverage : 2020-12-16 / 2020-12-22
median : 1.1302 e
spread : 0.063709 e
created : 2023-08-21T15:48:15



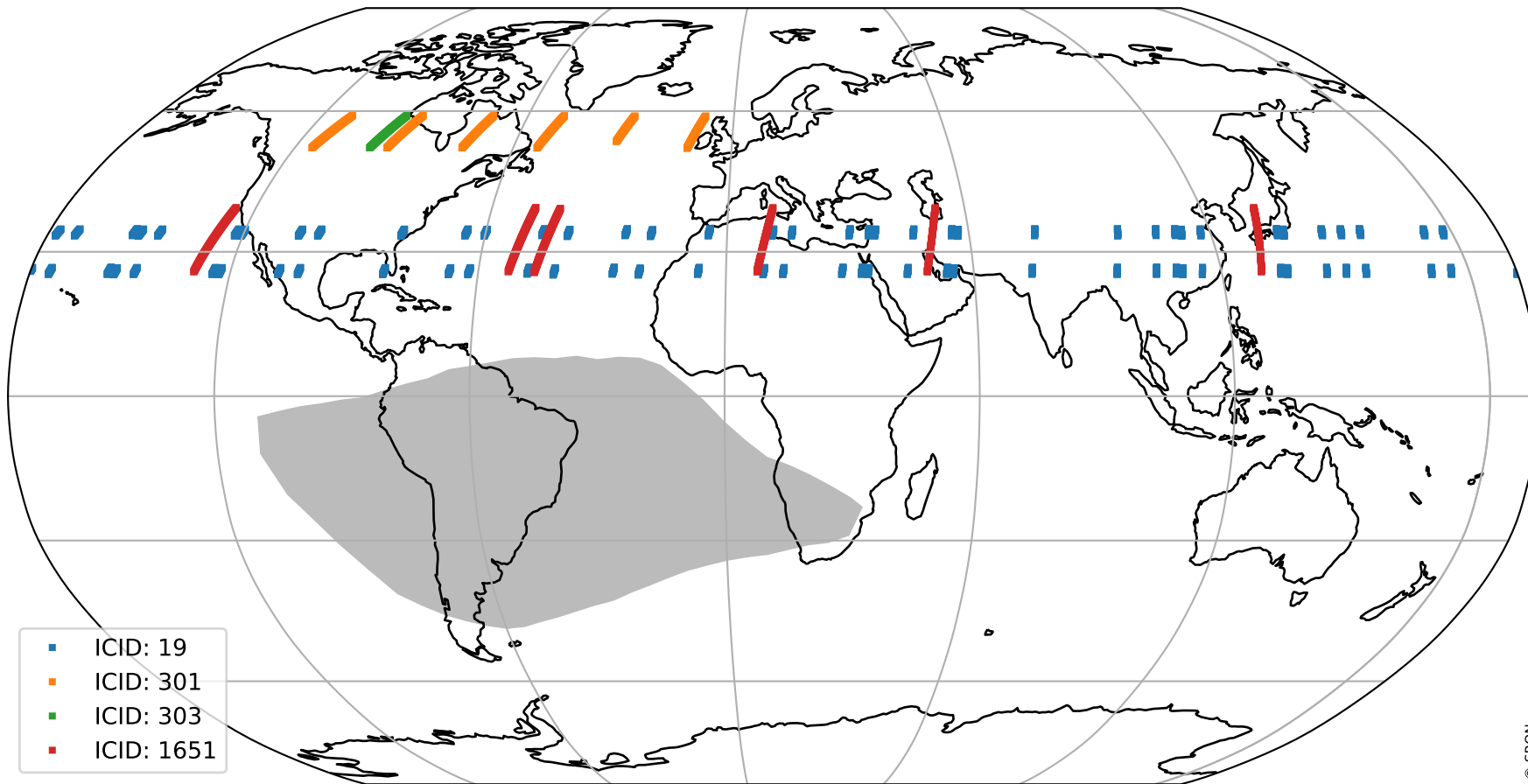
Tropomi SWIR background noise (swir)

orbits : 13 in [16447, 16537]
coverage : 2020-12-16 / 2020-12-22
median : 0.98082
spread : 0.158
created : 2023-08-21T15:48:16



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

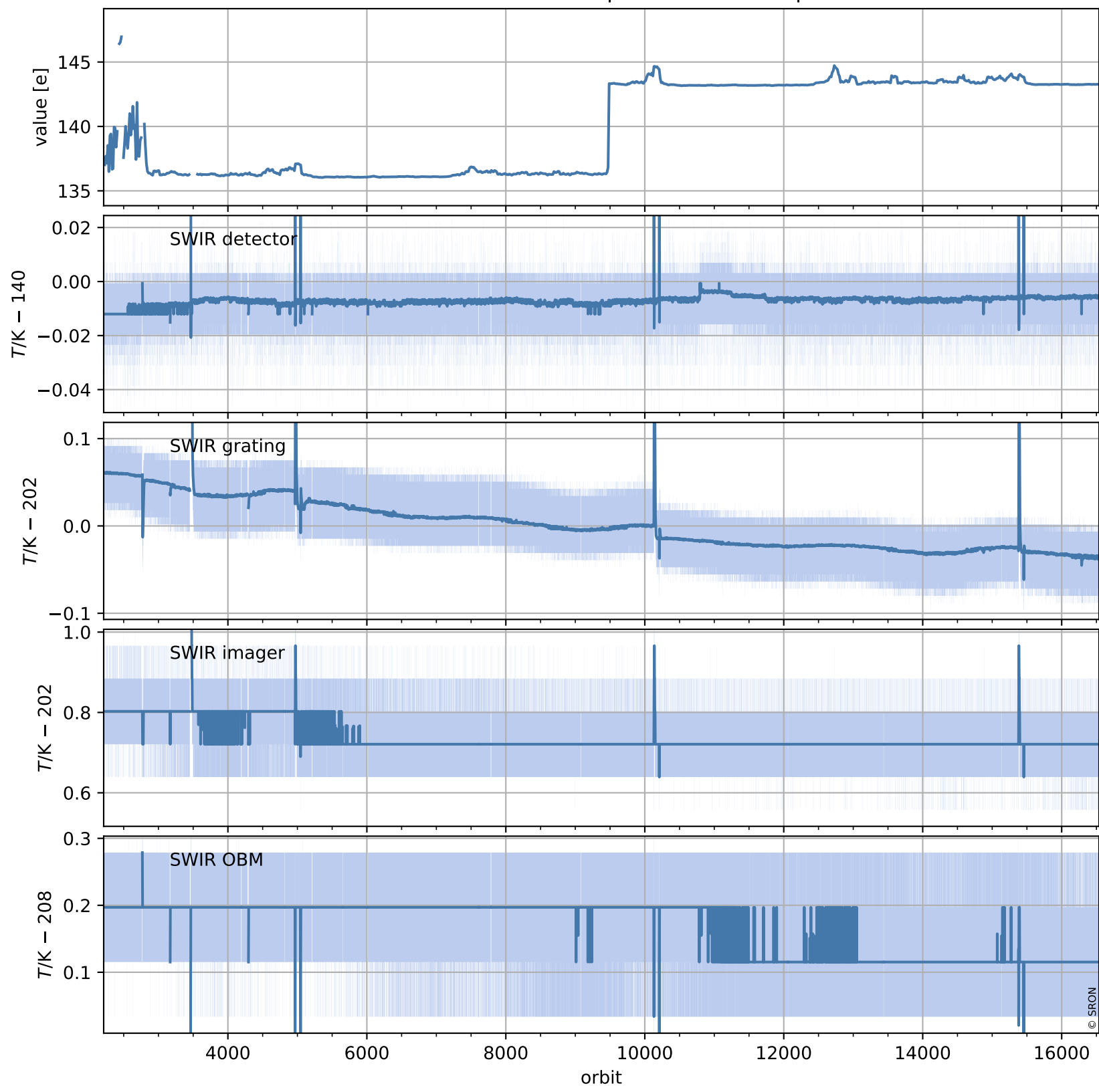
orbits : 13 in [16447, 16537]
coverage : 2020-12-16 / 2020-12-22
created : 2023-08-21T15:48:16



Tropomi SWIR background noise (swir)

orbits : [2212, 16537]
coverage : 2018-03-18 / 2020-12-22
created : 2023-08-21T15:48:16

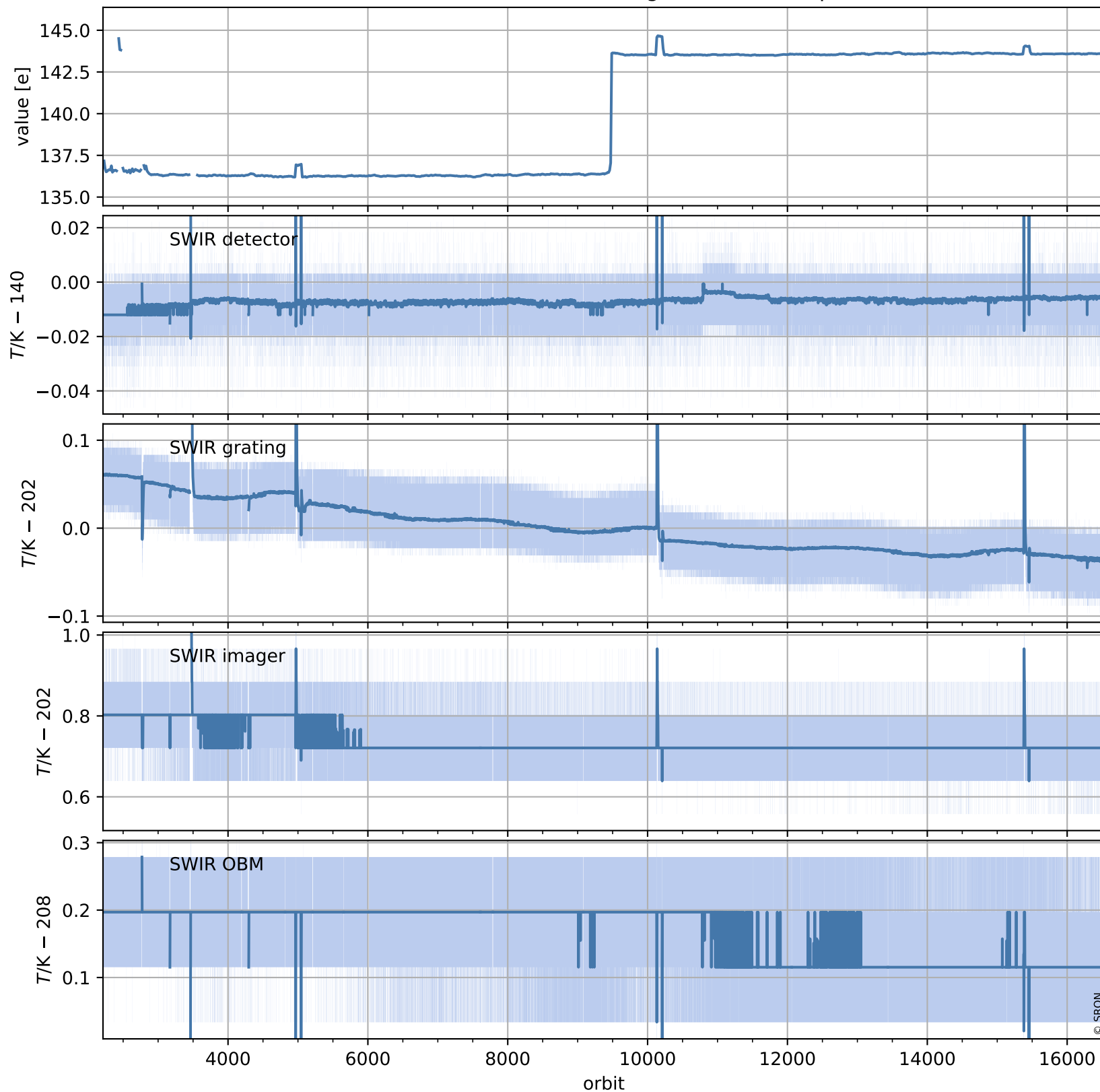
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16537]
coverage : 2018-03-18 / 2020-12-22
created : 2023-08-21T15:48:17

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16537]
coverage : 2018-03-18 / 2020-12-22
created : 2023-08-21T15:48:18

trend of normalized read-noise & temperatures

