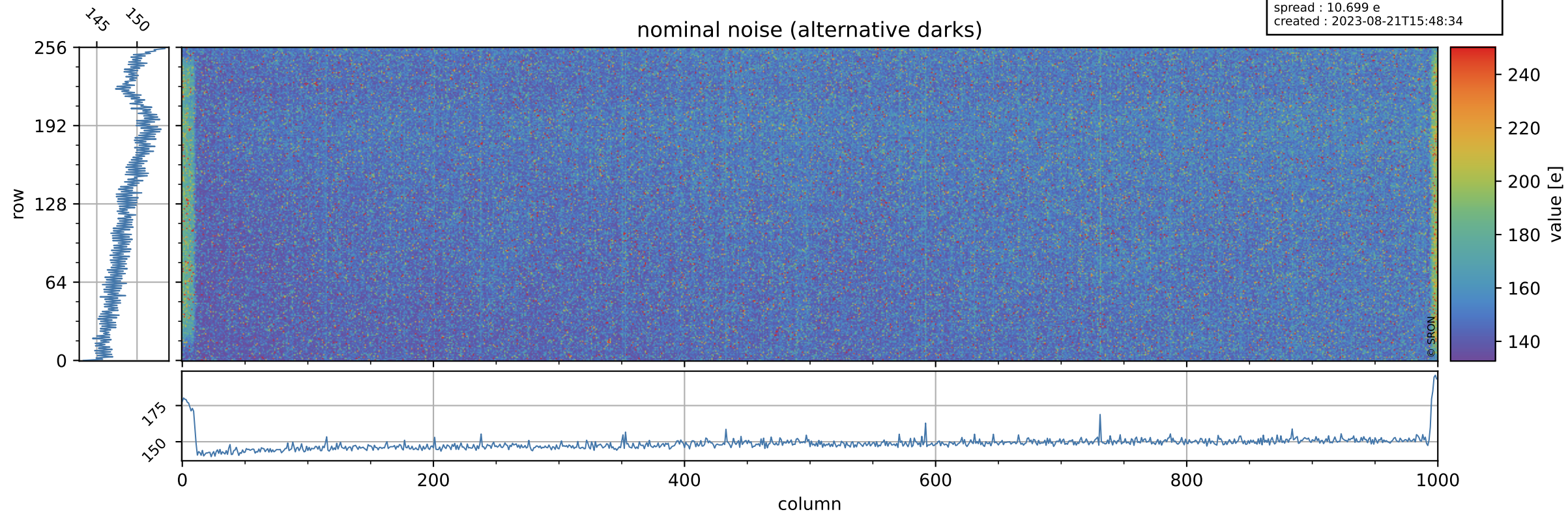


Tropomi SWIR background noise (swir)

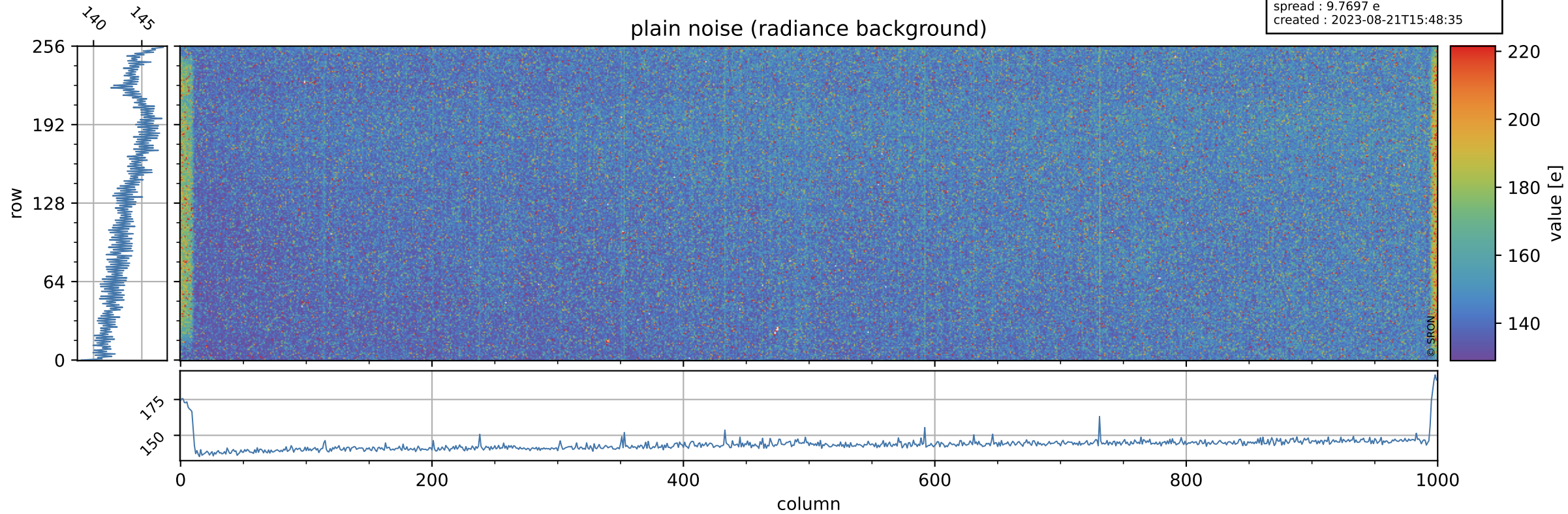
orbits : 13 in [16507, 16597]
coverage : 2020-12-20 / 2020-12-26
n_coad, t_exp : 1, 1.0783
median : 148.66 e
spread : 10.699 e
created : 2023-08-21T15:48:34



Tropomi SWIR background noise (swir)

orbits : 13 in [16507, 16597]
coverage : 2020-12-20 / 2020-12-26
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.7697 e
created : 2023-08-21T15:48:35

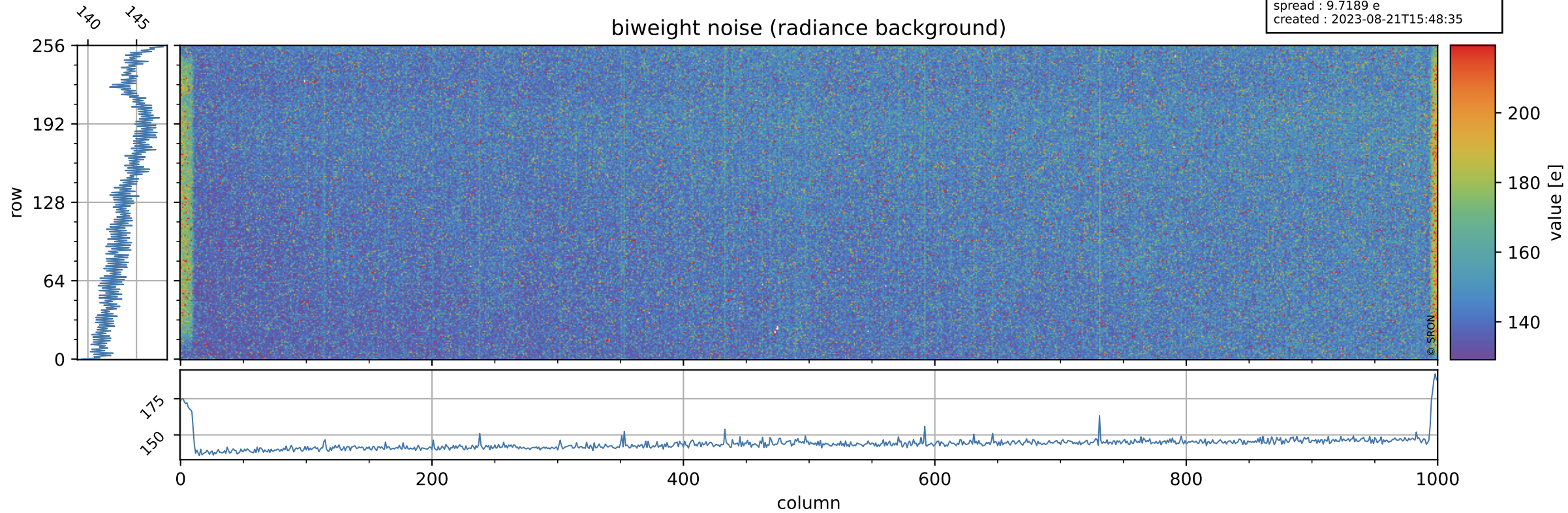
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16507, 16597]
coverage : 2020-12-20 / 2020-12-26
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7189 e
created : 2023-08-21T15:48:35

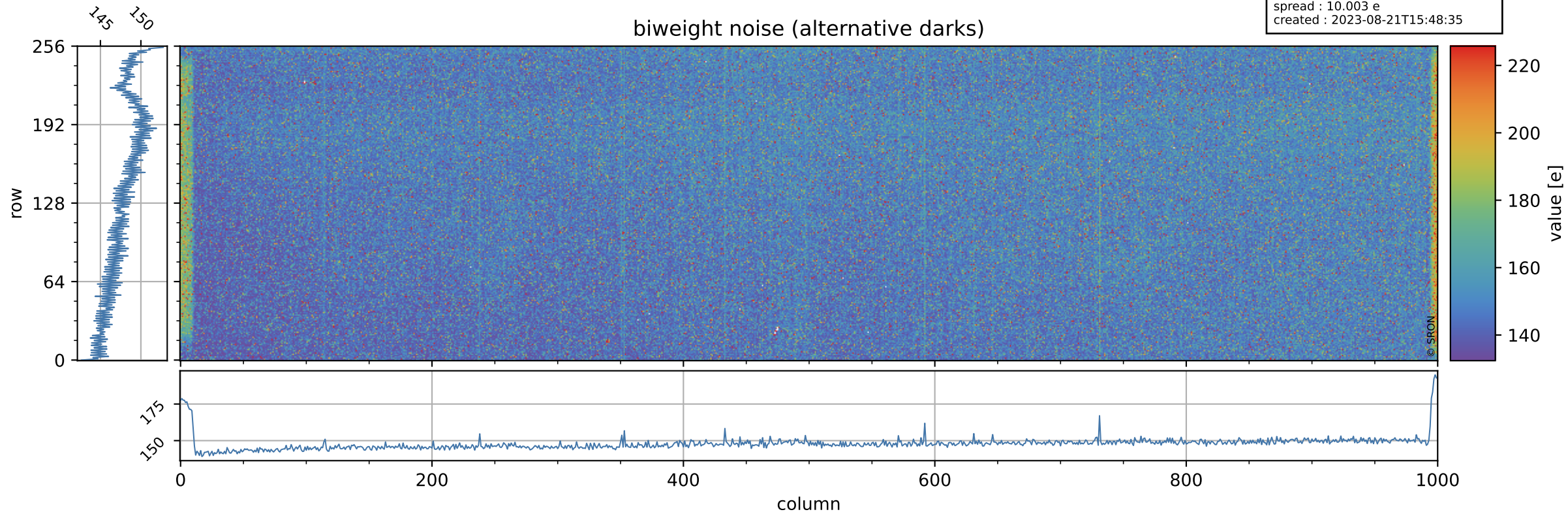
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16507, 16597]
coverage : 2020-12-20 / 2020-12-26
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.003 e
created : 2023-08-21T15:48:35

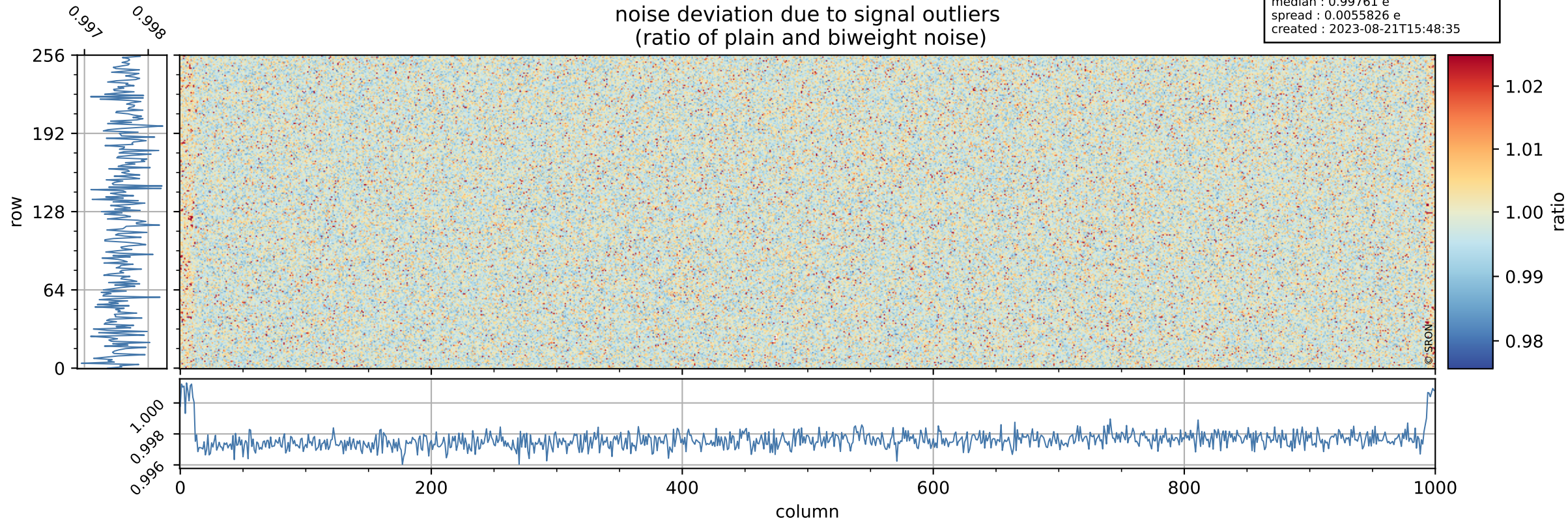
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

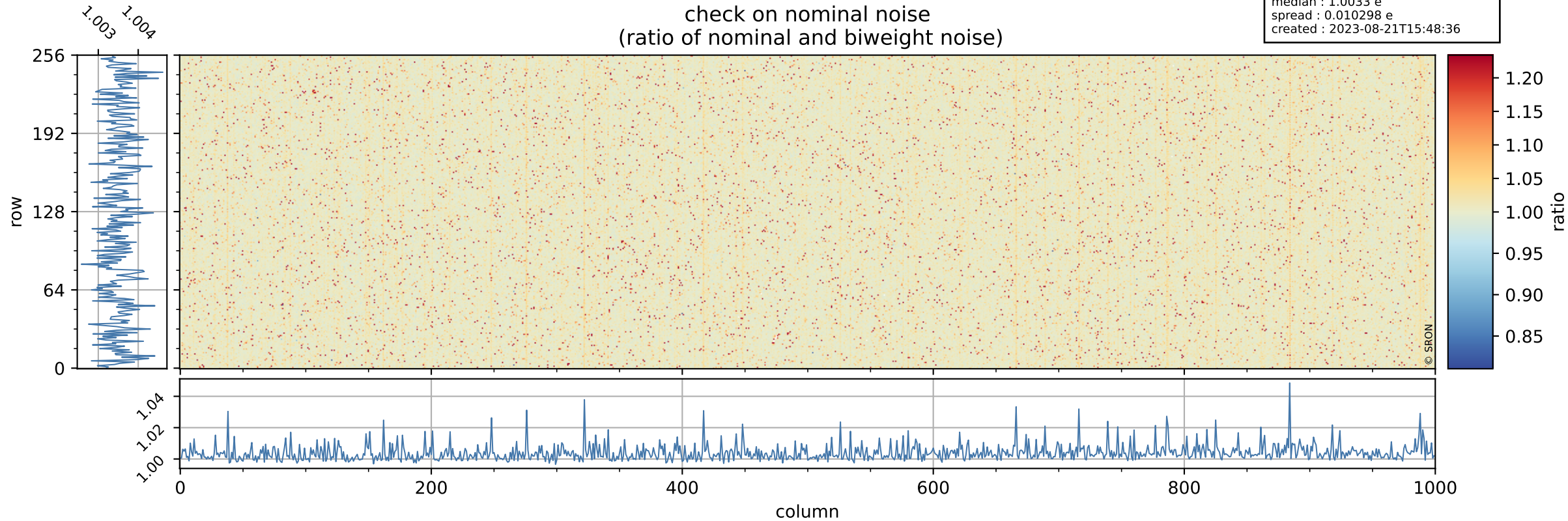
orbits : 13 in [16507, 16597]
coverage : 2020-12-20 / 2020-12-26
median : 0.99761 e
spread : 0.0055826 e
created : 2023-08-21T15:48:35



Tropomi SWIR background noise (swir)

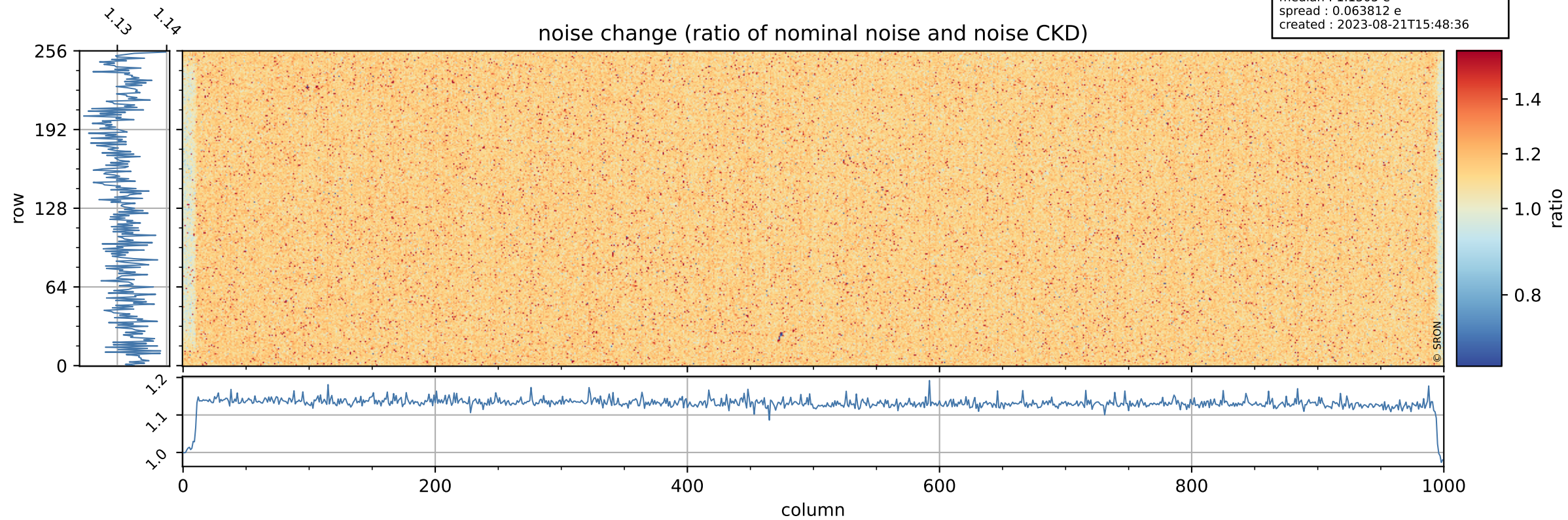
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [16507, 16597]
coverage : 2020-12-20 / 2020-12-26
median : 1.0033 e
spread : 0.010298 e
created : 2023-08-21T15:48:36



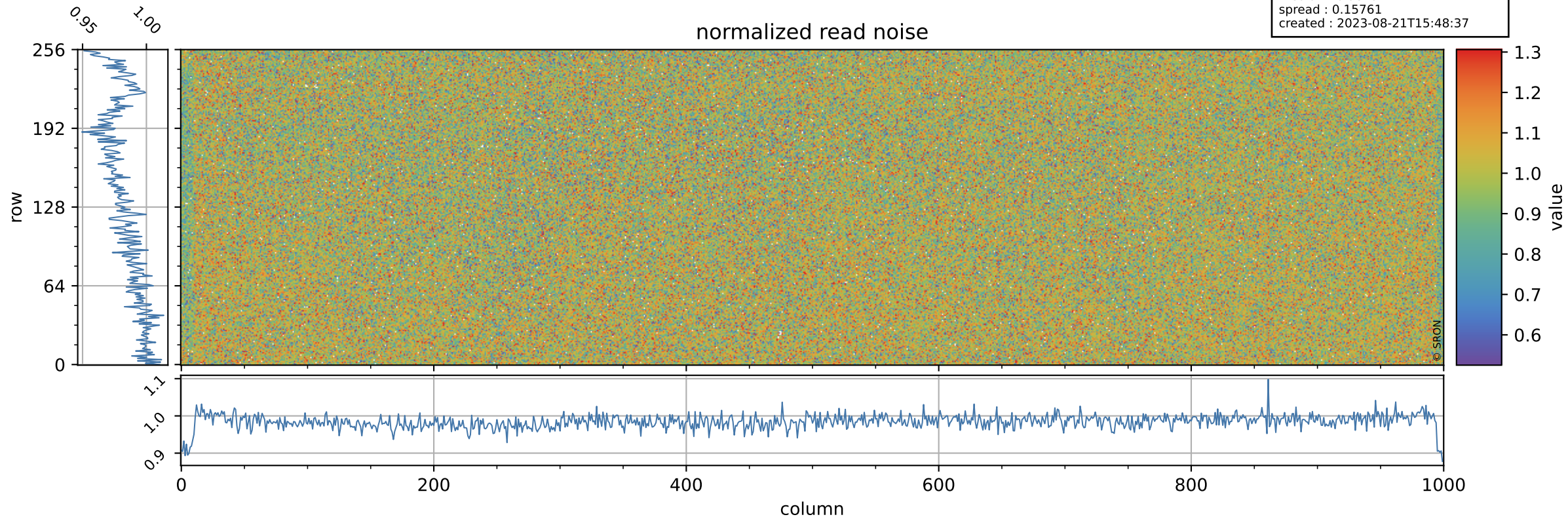
Tropomi SWIR background noise (swir)

orbits : 13 in [16507, 16597]
coverage : 2020-12-20 / 2020-12-26
median : 1.1305 e
spread : 0.063812 e
created : 2023-08-21T15:48:36



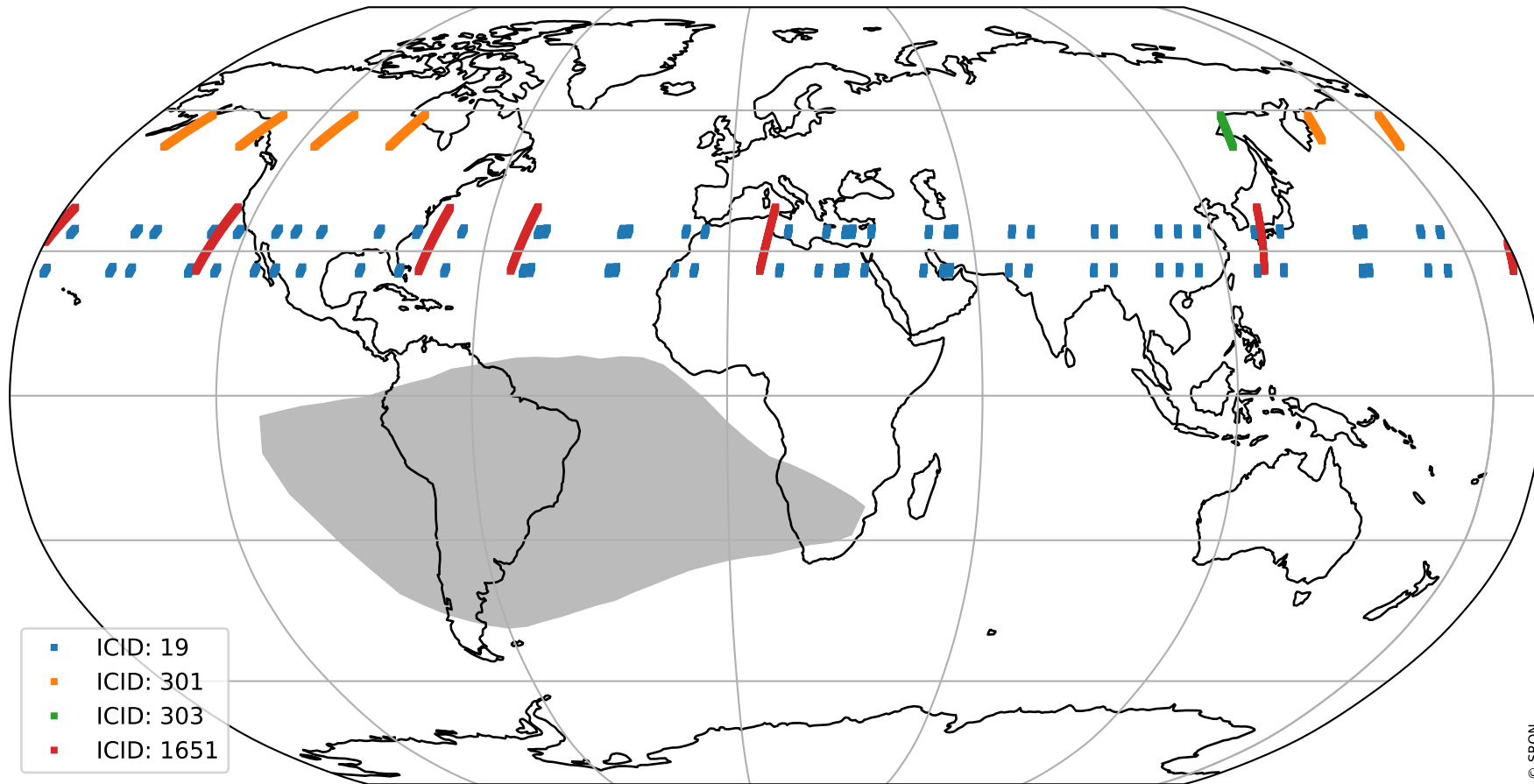
Tropomi SWIR background noise (swir)

orbits : 13 in [16507, 16597]
coverage : 2020-12-20 / 2020-12-26
median : 0.9829
spread : 0.15761
created : 2023-08-21T15:48:37



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

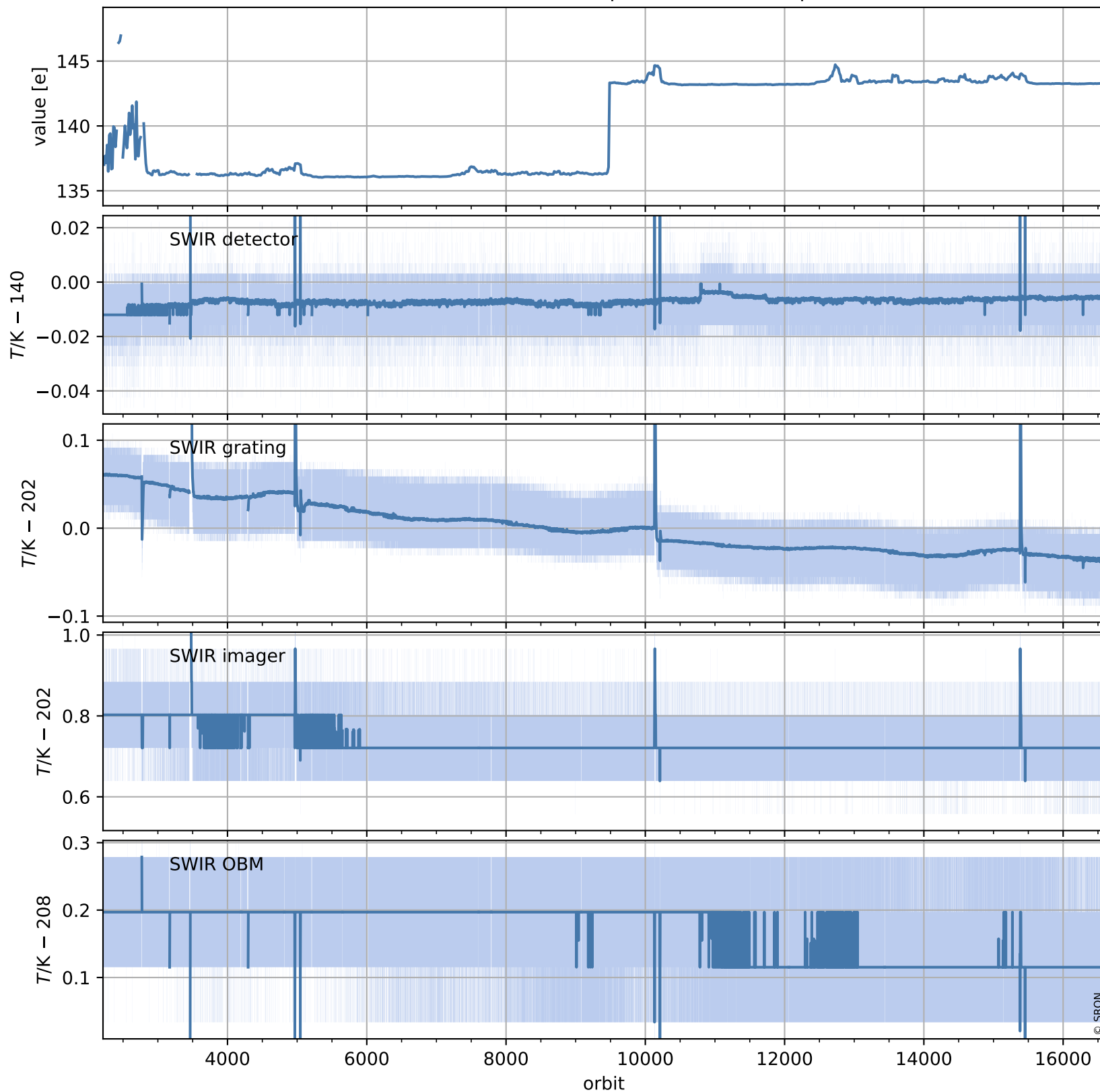
orbits : 13 in [16507, 16597]
coverage : 2020-12-20 / 2020-12-26
created : 2023-08-21T15:48:37



Tropomi SWIR background noise (swir)

orbits : [2212, 16597]
coverage : 2018-03-18 / 2020-12-26
created : 2023-08-21T15:48:37

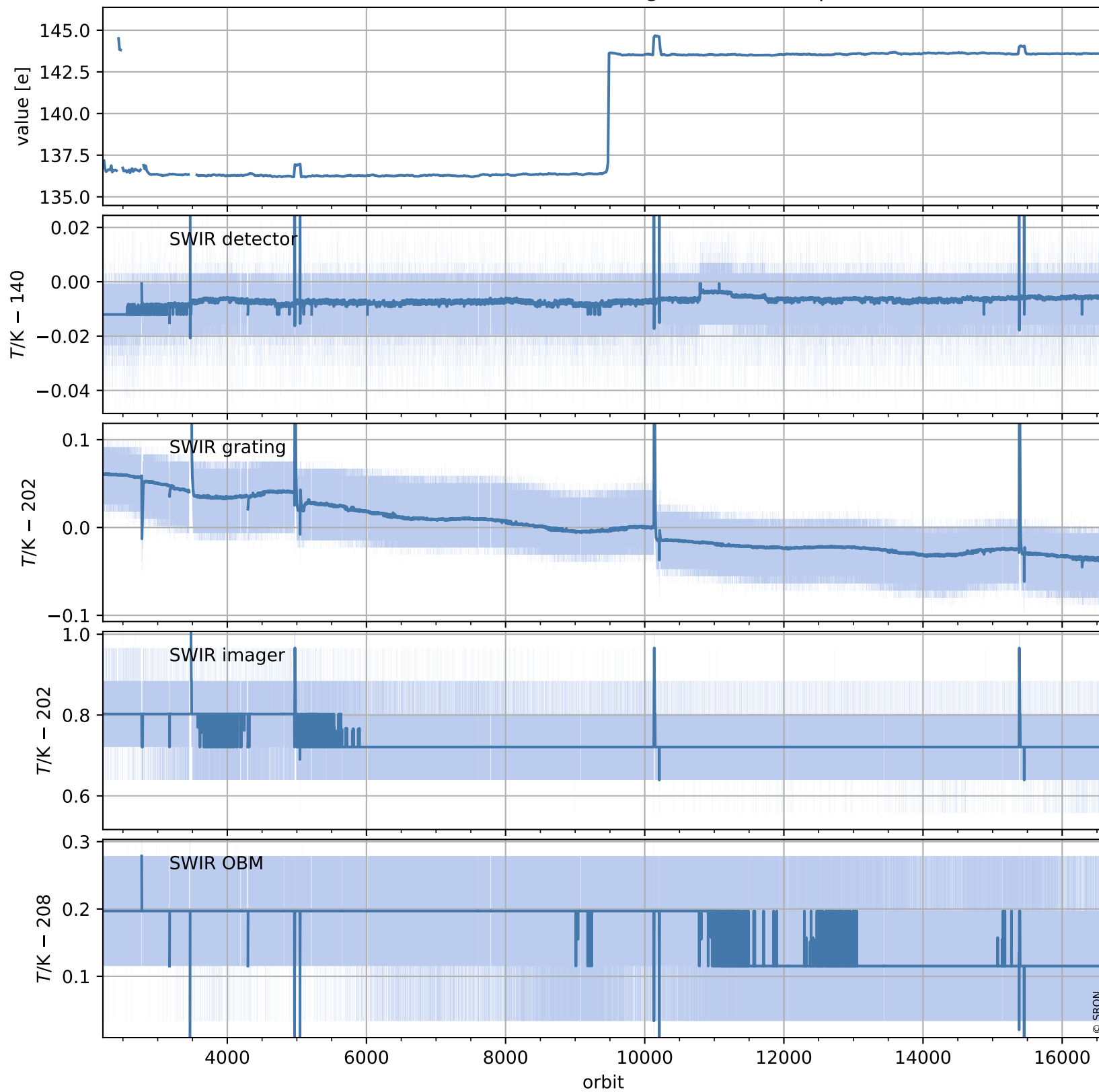
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16597]
coverage : 2018-03-18 / 2020-12-26
created : 2023-08-21T15:48:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16597]
coverage : 2018-03-18 / 2020-12-26
created : 2023-08-21T15:48:39

trend of normalized read-noise & temperatures

