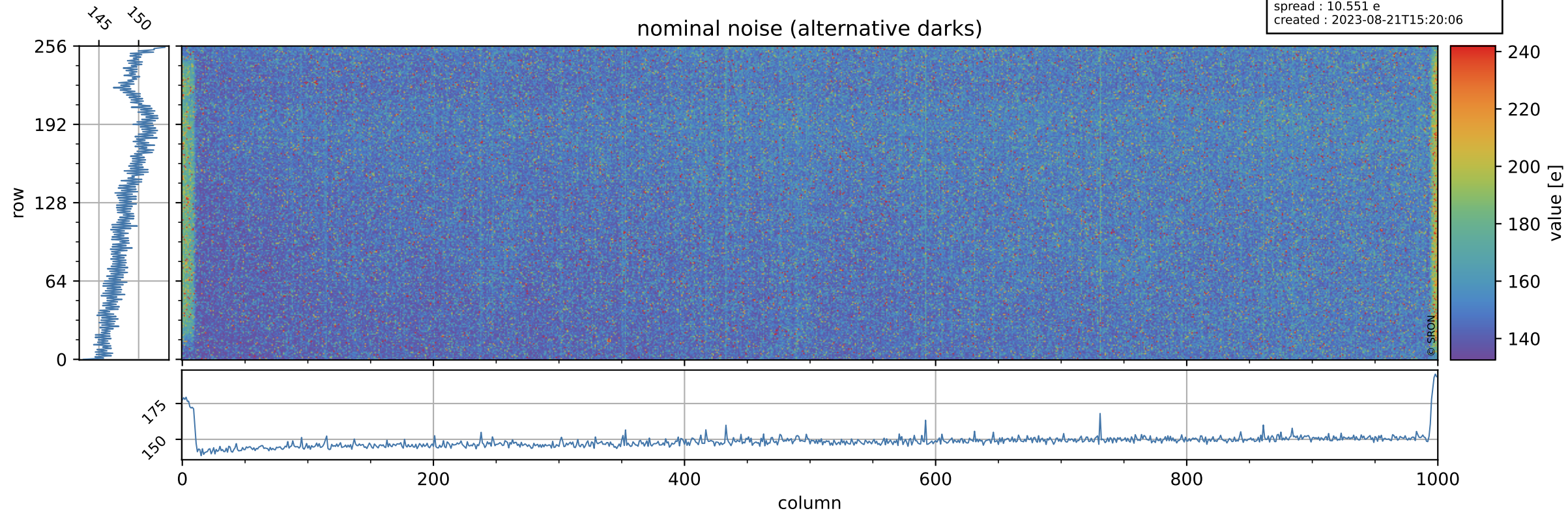


Tropomi SWIR background noise (swir)

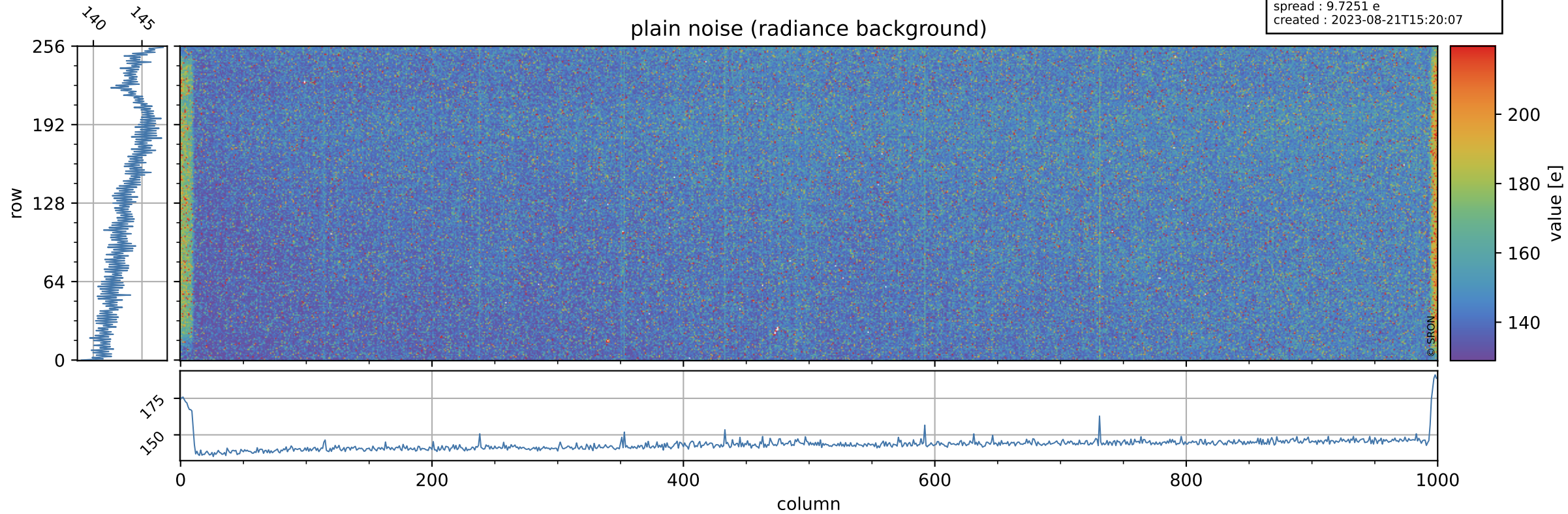
orbits : 13 in [11407, 11497]
coverage : 2019-12-26 / 2020-01-01
n_coad, t_exp : 1, 1.0783
median : 148.45 e
spread : 10.551 e
created : 2023-08-21T15:20:06



Tropomi SWIR background noise (swir)

orbits : 13 in [11407, 11497]
coverage : 2019-12-26 / 2020-01-01
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7251 e
created : 2023-08-21T15:20:07

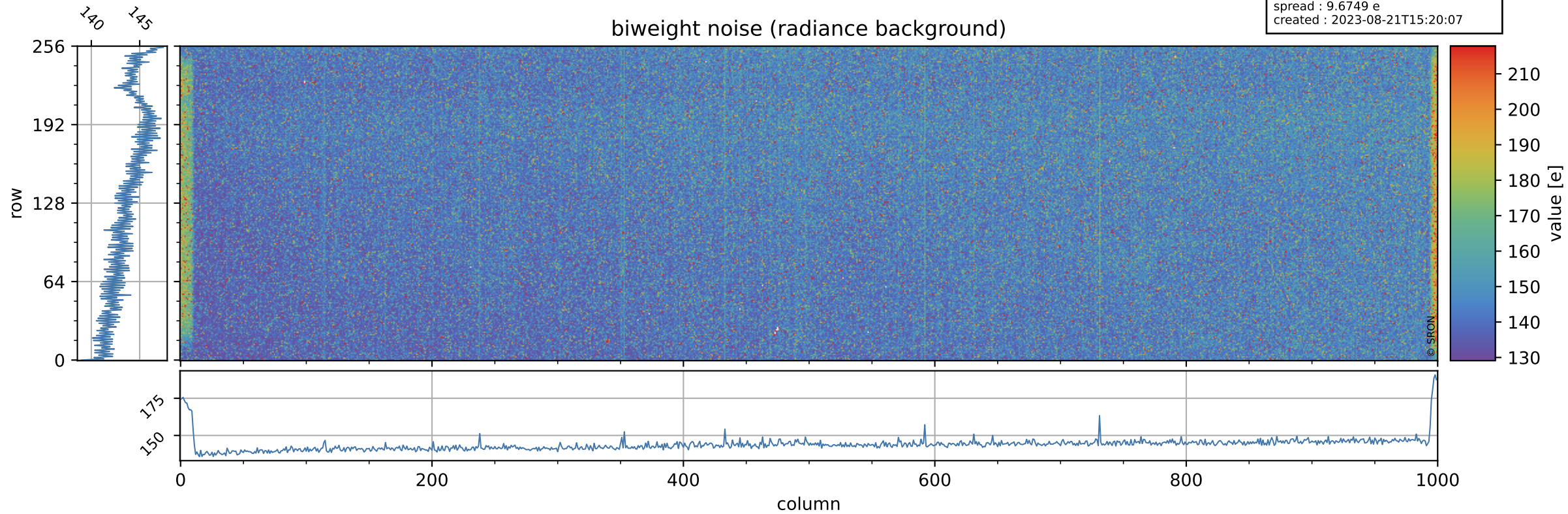
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [11407, 11497]
coverage : 2019-12-26 / 2020-01-01
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.6749 e
created : 2023-08-21T15:20:07

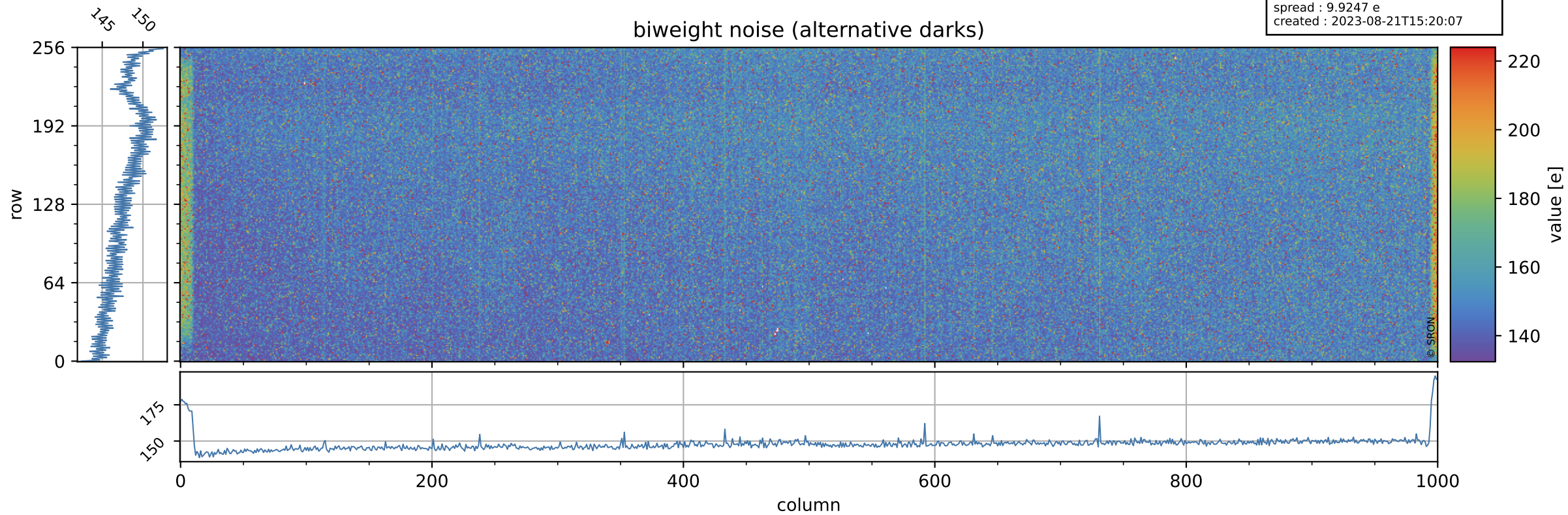
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [11407, 11497]
coverage : 2019-12-26 / 2020-01-01
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 9.9247 e
created : 2023-08-21T15:20:07

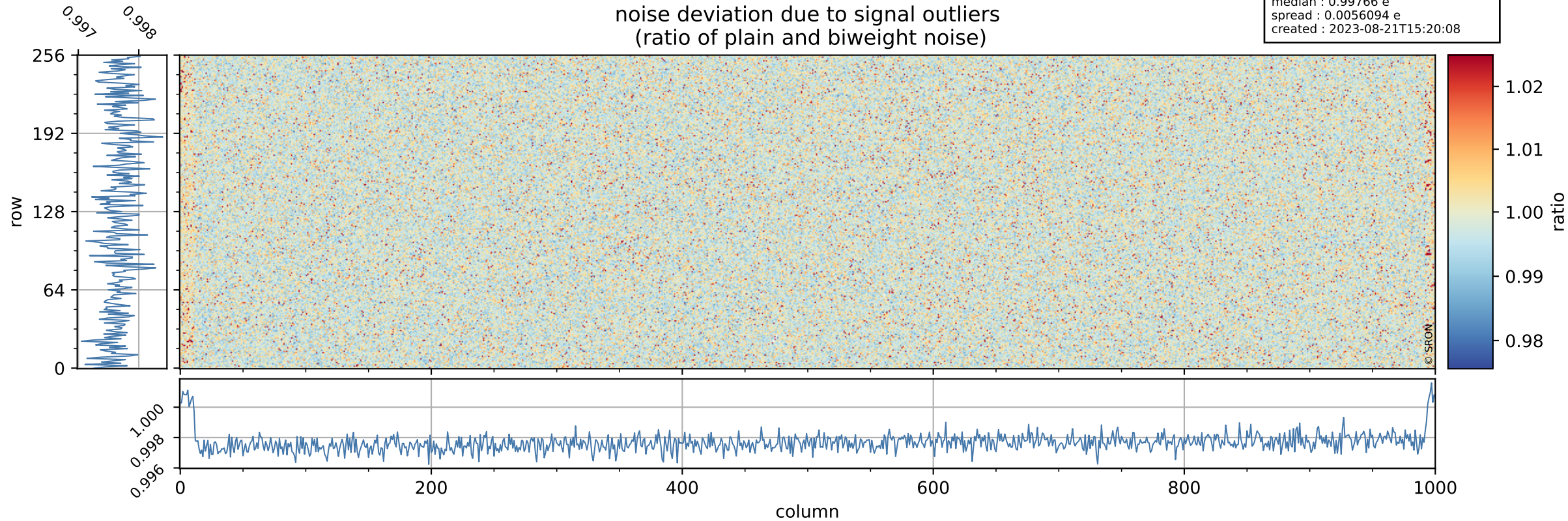
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

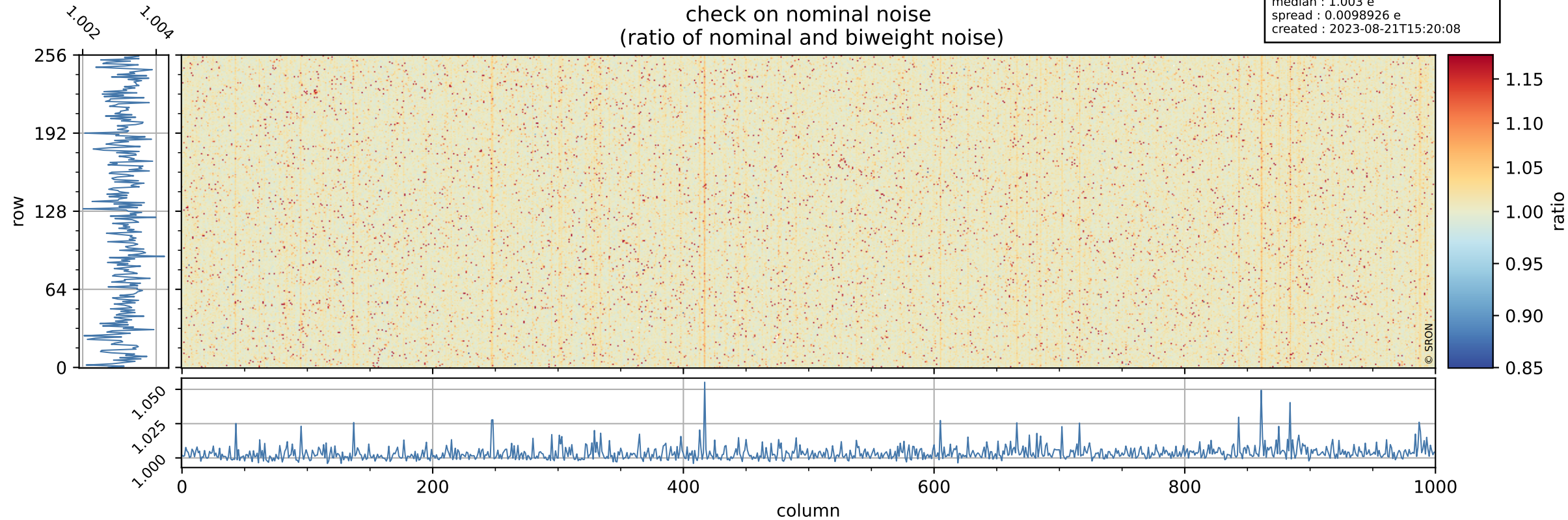
orbits : 13 in [11407, 11497]
coverage : 2019-12-26 / 2020-01-01
median : 0.99766 e
spread : 0.0056094 e
created : 2023-08-21T15:20:08



Tropomi SWIR background noise (swir)

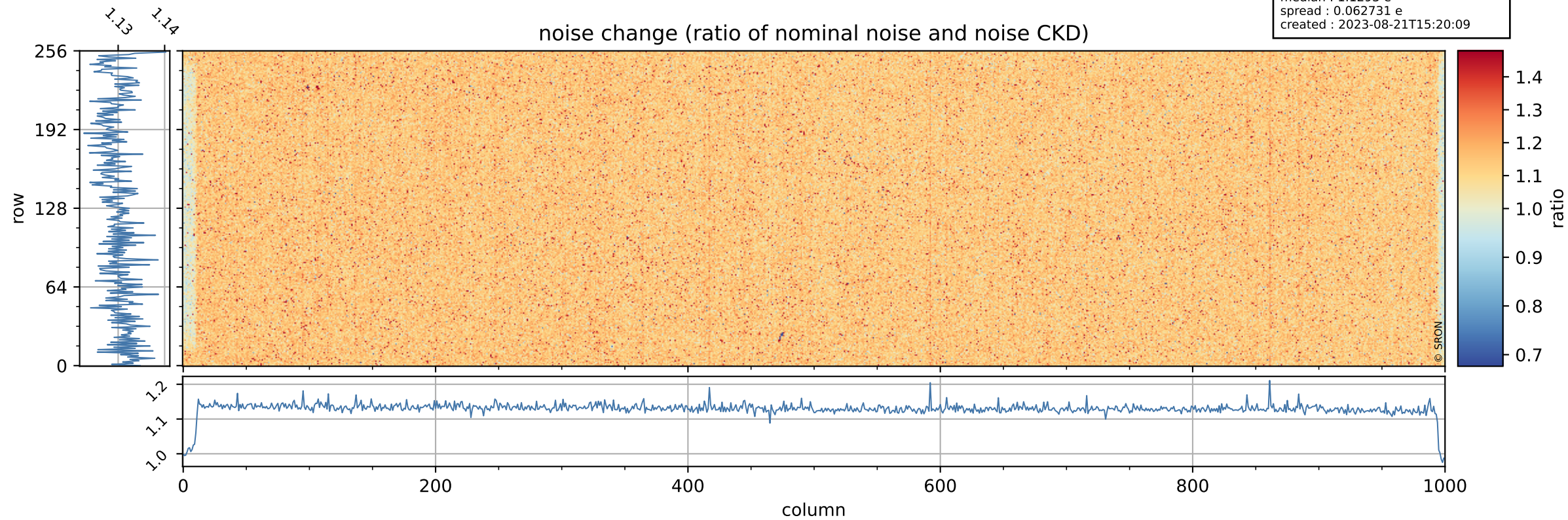
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [11407, 11497]
coverage : 2019-12-26 / 2020-01-01
median : 1.003 e
spread : 0.0098926 e
created : 2023-08-21T15:20:08



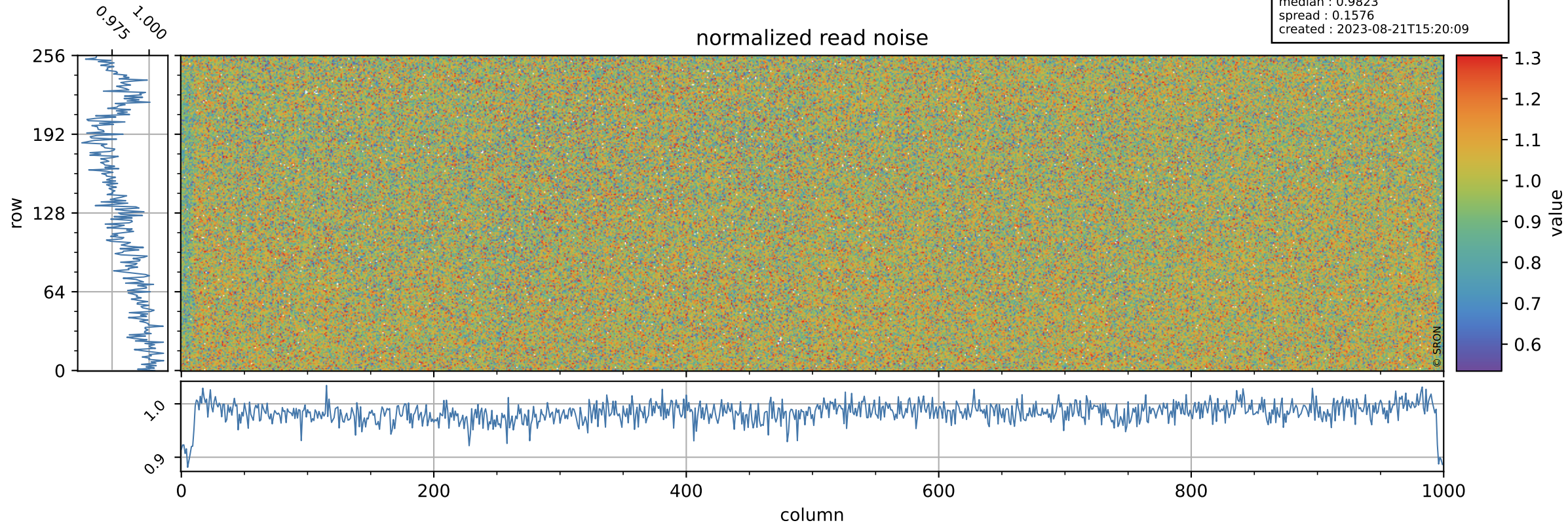
Tropomi SWIR background noise (swir)

orbits : 13 in [11407, 11497]
coverage : 2019-12-26 / 2020-01-01
median : 1.1293 e
spread : 0.062731 e
created : 2023-08-21T15:20:09



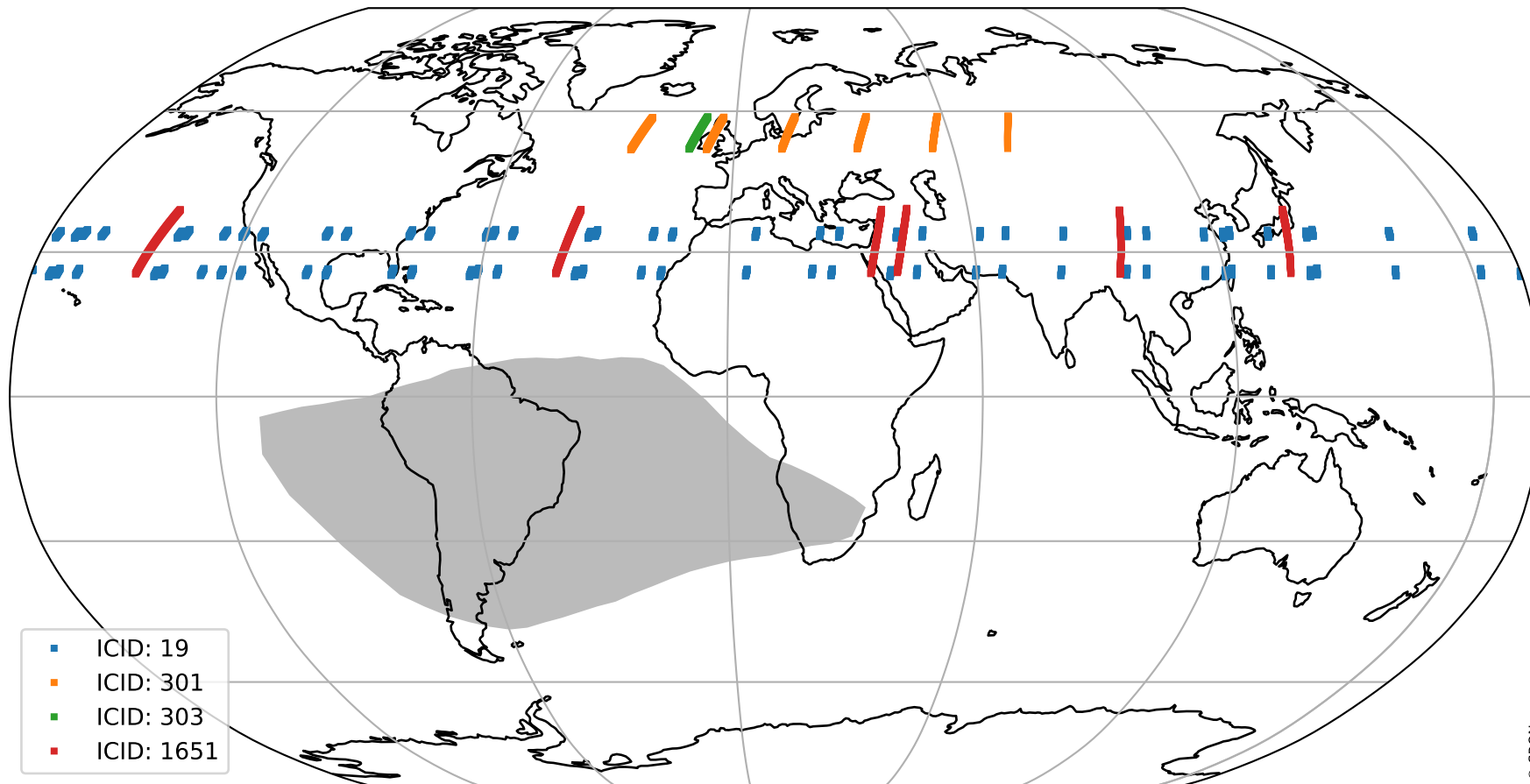
Tropomi SWIR background noise (swir)

orbits : 13 in [11407, 11497]
coverage : 2019-12-26 / 2020-01-01
median : 0.9823
spread : 0.1576
created : 2023-08-21T15:20:09



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

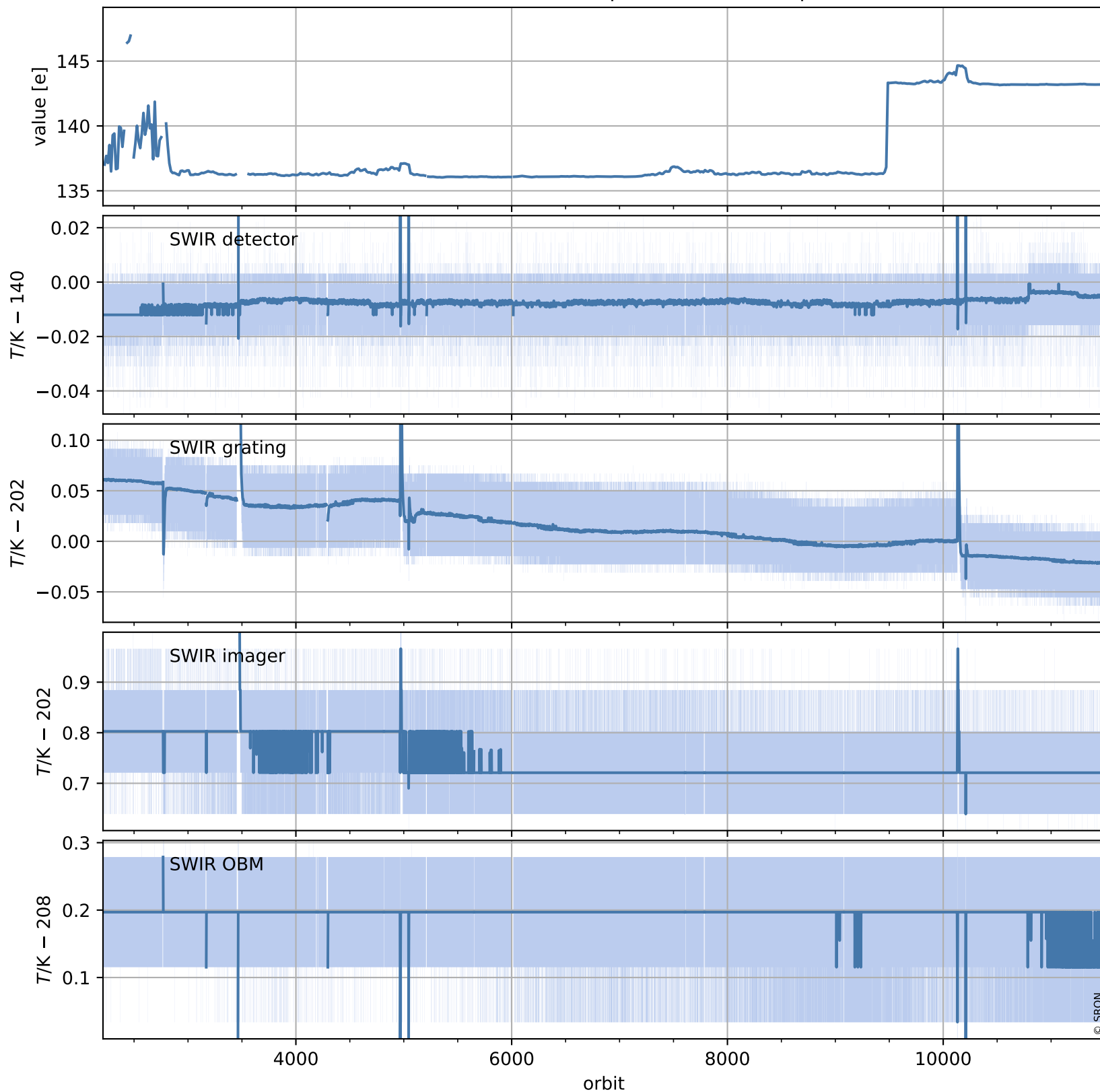
orbits : 13 in [11407, 11497]
coverage : 2019-12-26 / 2020-01-01
created : 2023-08-21T15:20:09



Tropomi SWIR background noise (swir)

orbits : [2212, 11497]
coverage : 2018-03-18 / 2020-01-01
created : 2023-08-21T15:20:10

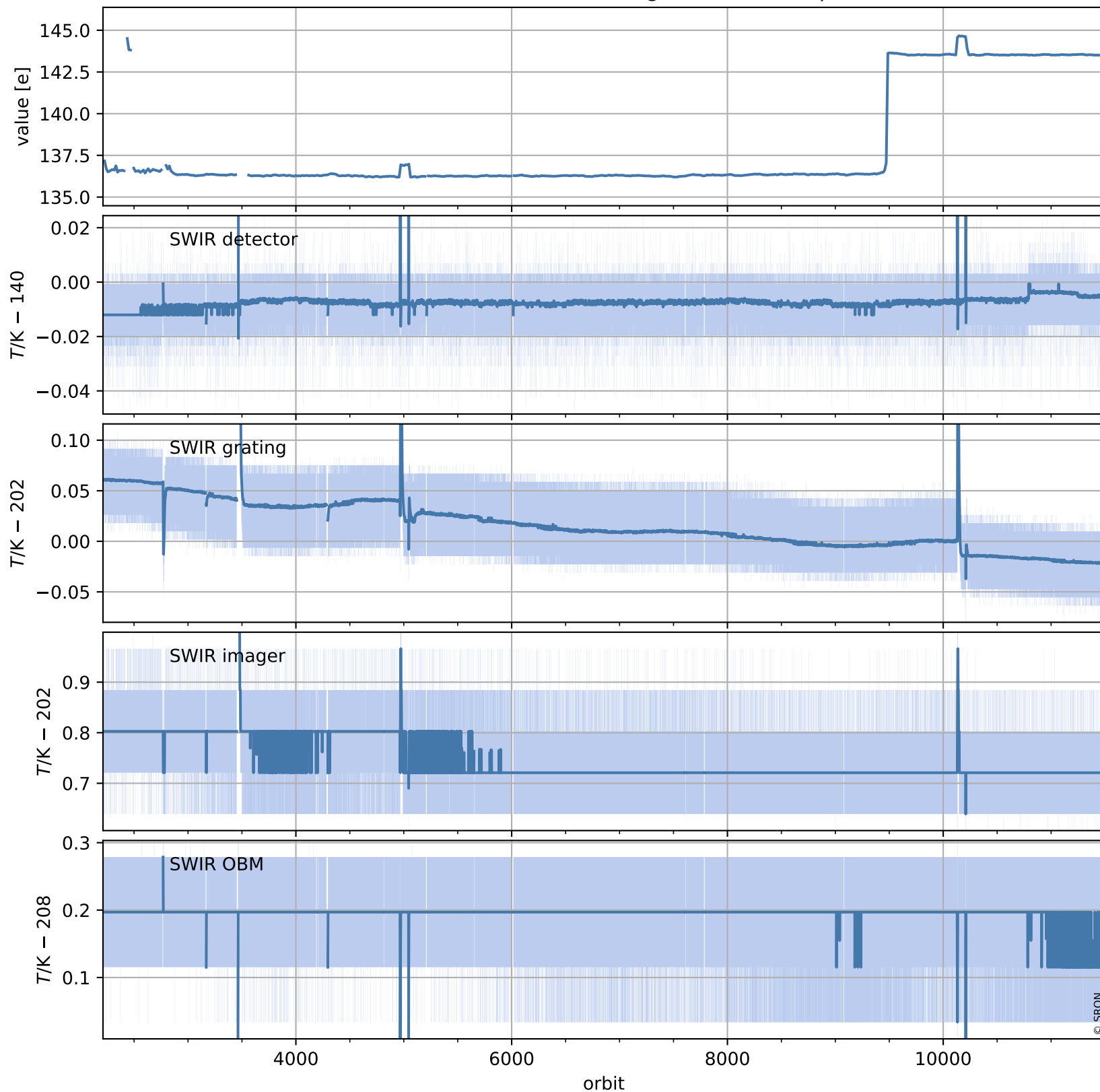
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11497]
coverage : 2018-03-18 / 2020-01-01
created : 2023-08-21T15:20:10

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11497]
coverage : 2018-03-18 / 2020-01-01
created : 2023-08-21T15:20:11

trend of normalized read-noise & temperatures

