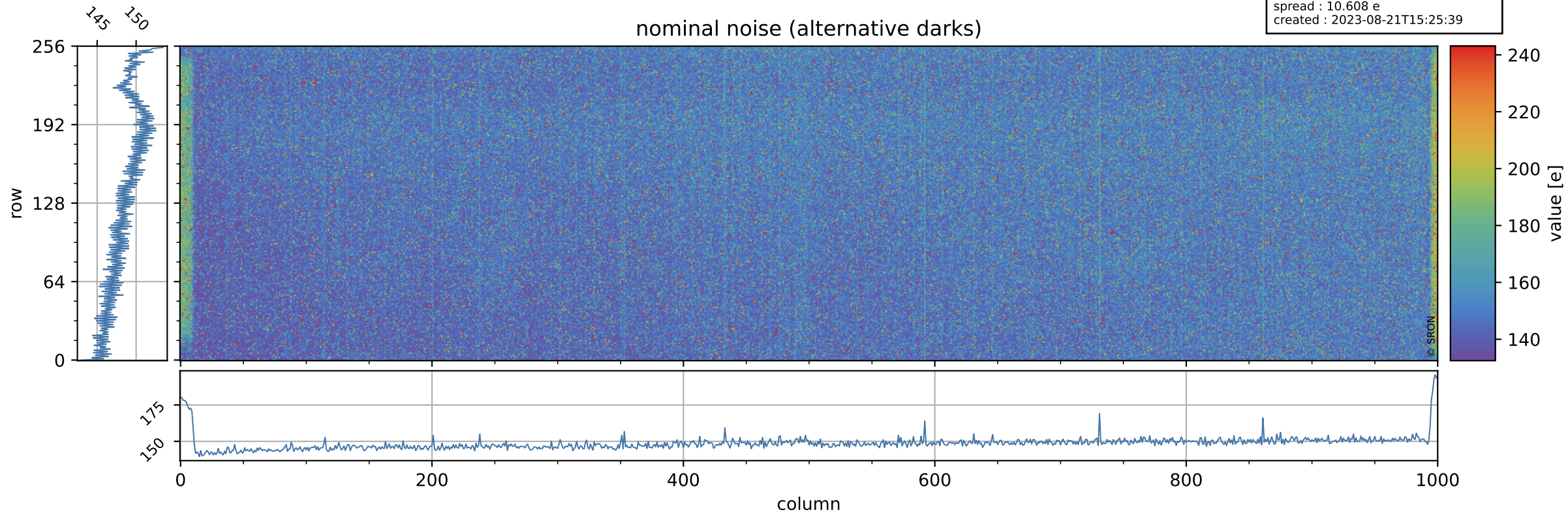


Tropomi SWIR background noise (swir)

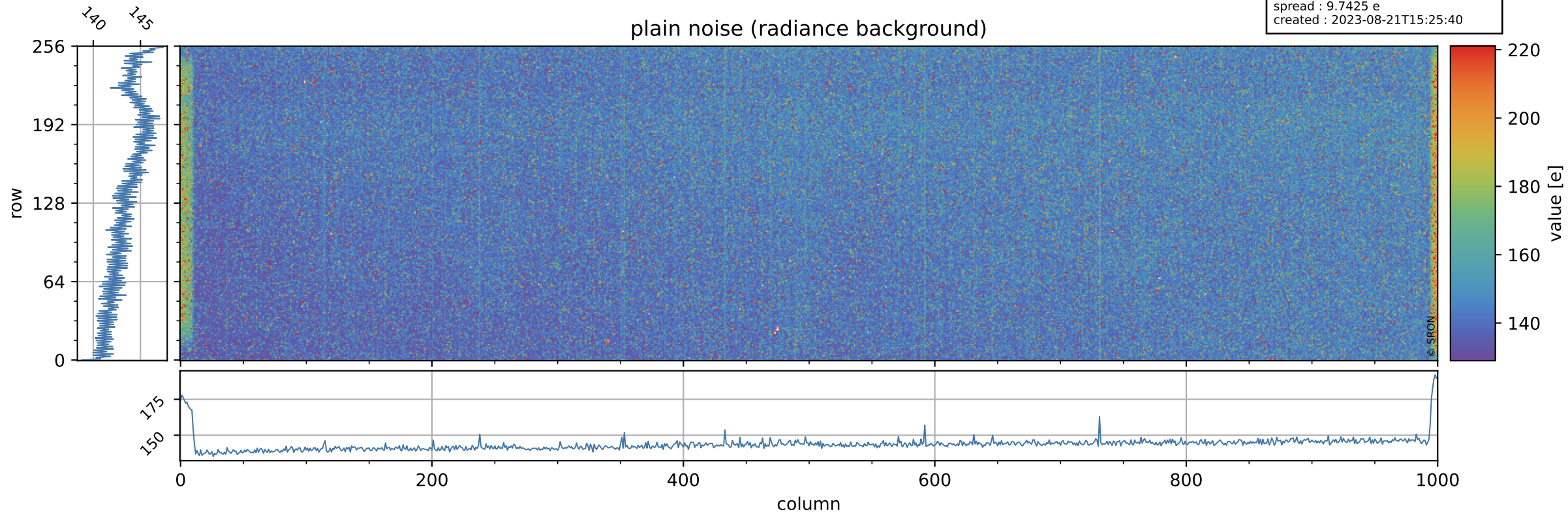
orbits : 12 in [12352, 12427]
coverage : 2020-03-01 / 2020-03-06
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.608 e
created : 2023-08-21T15:25:39



Tropomi SWIR background noise (swir)

orbits : 12 in [12352, 12427]
coverage : 2020-03-01 / 2020-03-06
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7425 e
created : 2023-08-21T15:25:40

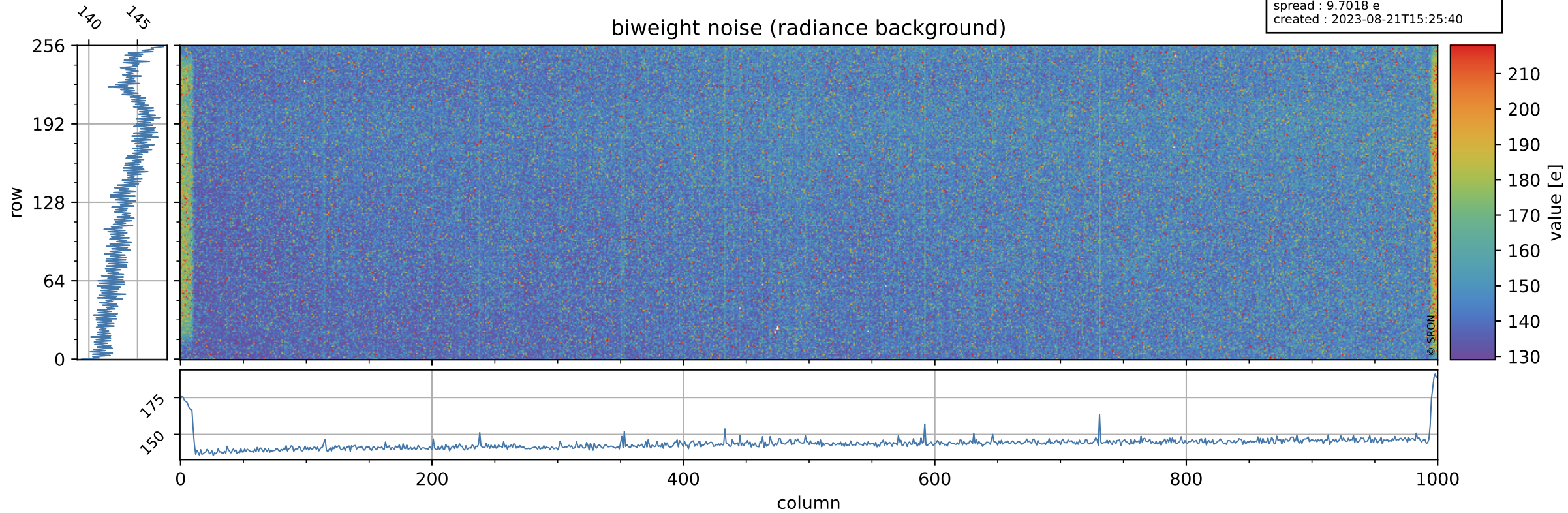
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12352, 12427]
coverage : 2020-03-01 / 2020-03-06
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 9.7018 e
created : 2023-08-21T15:25:40

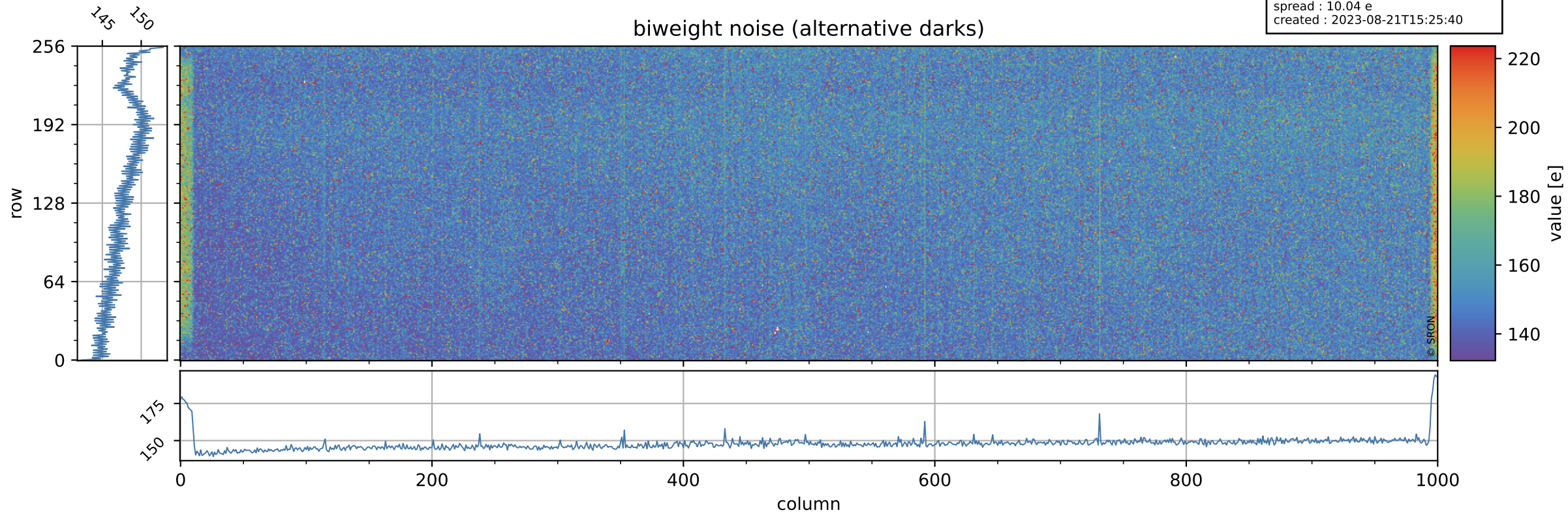
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12352, 12427]
coverage : 2020-03-01 / 2020-03-06
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.04 e
created : 2023-08-21T15:25:40

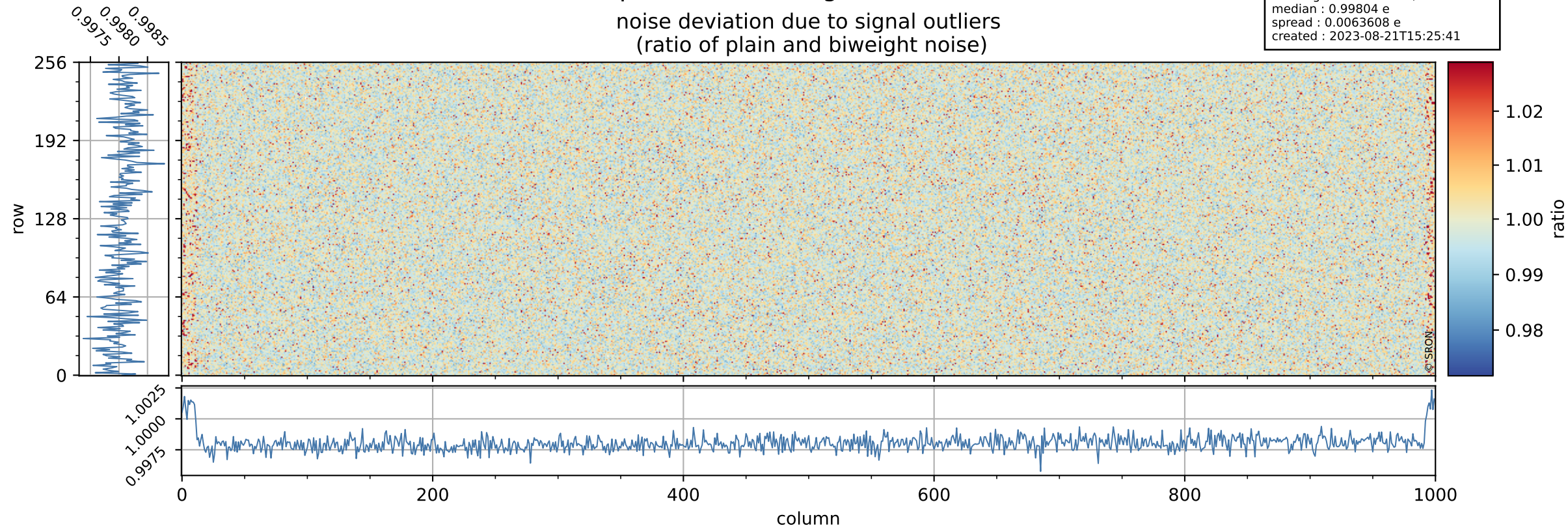
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

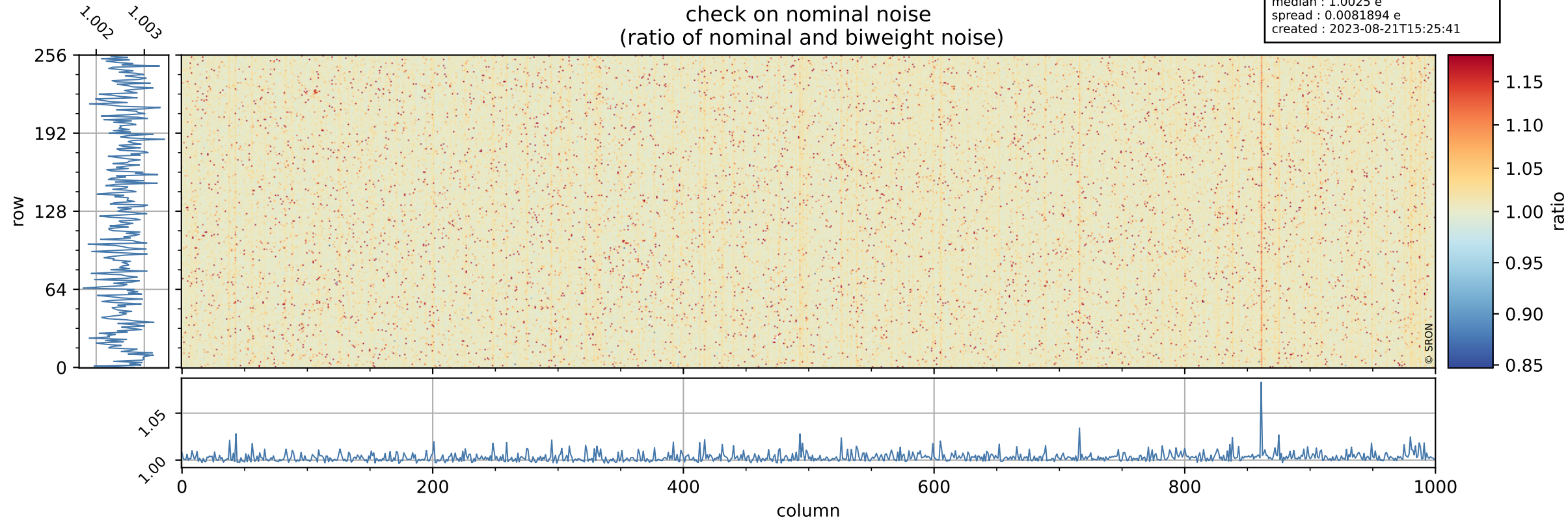
orbits : 12 in [12352, 12427]
coverage : 2020-03-01 / 2020-03-06
median : 0.99804 e
spread : 0.0063608 e
created : 2023-08-21T15:25:41



Tropomi SWIR background noise (swir)

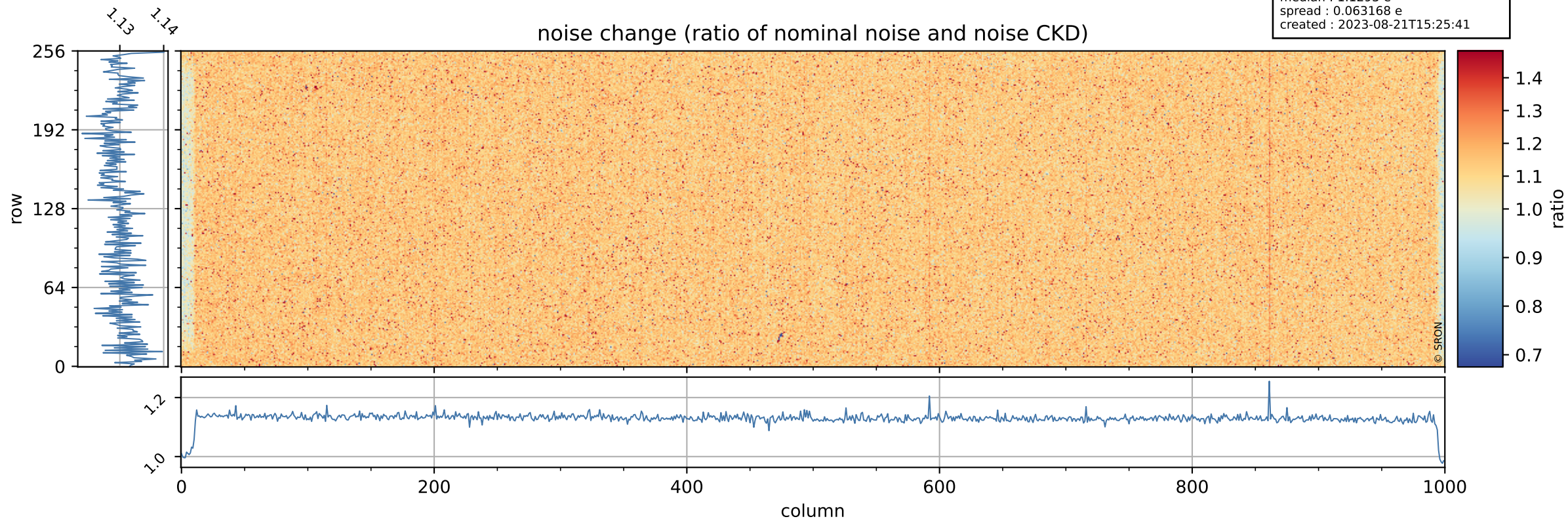
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12352, 12427]
coverage : 2020-03-01 / 2020-03-06
median : 1.0025 e
spread : 0.0081894 e
created : 2023-08-21T15:25:41



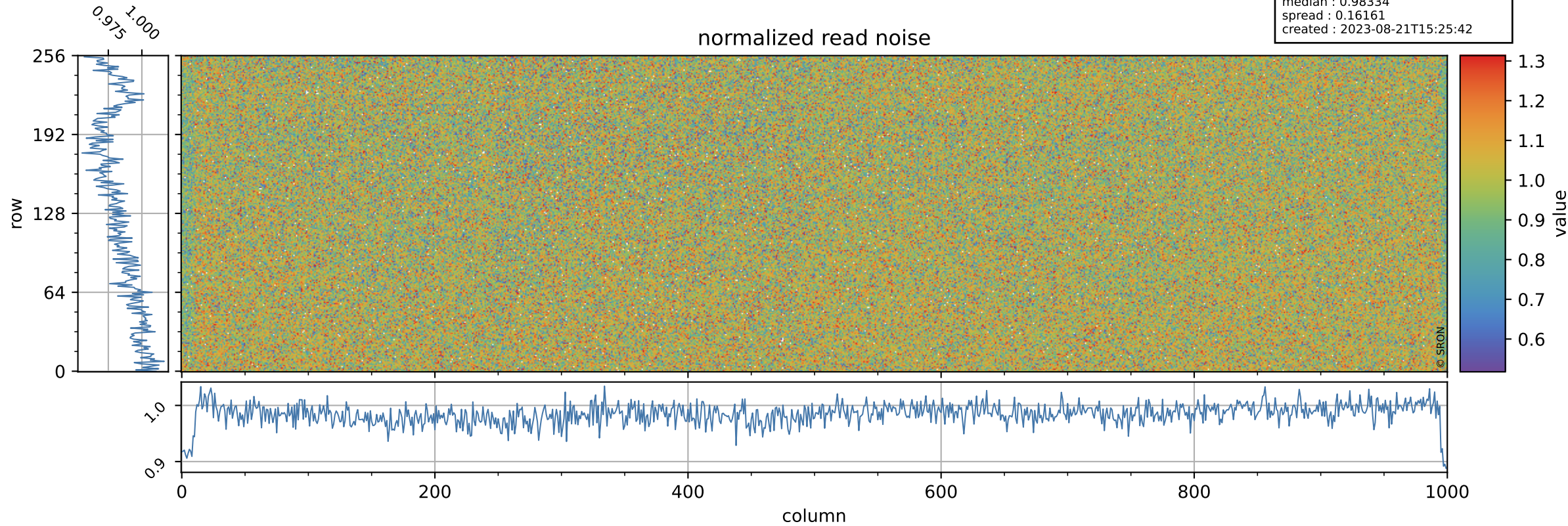
Tropomi SWIR background noise (swir)

orbits : 12 in [12352, 12427]
coverage : 2020-03-01 / 2020-03-06
median : 1.1293 e
spread : 0.063168 e
created : 2023-08-21T15:25:41



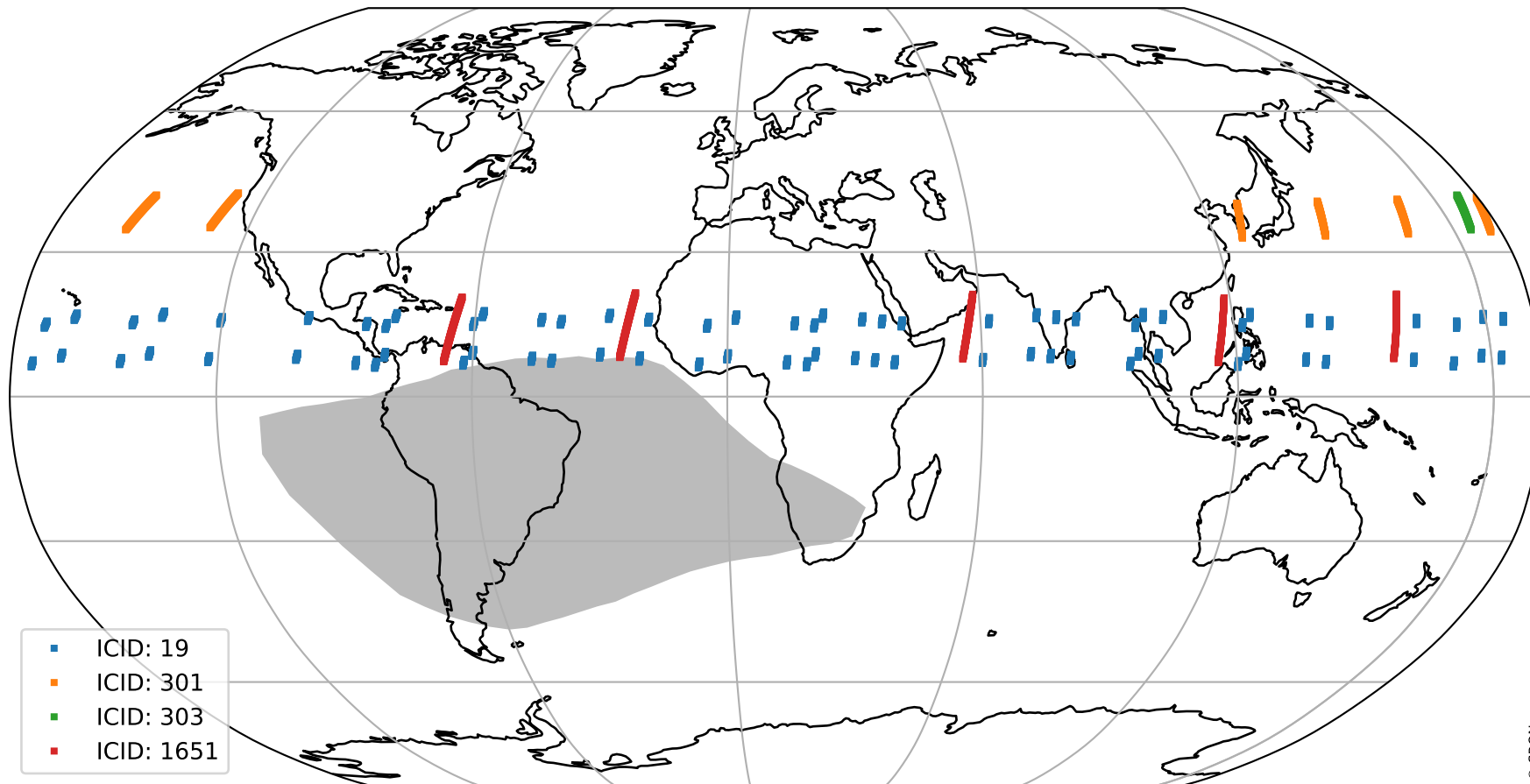
Tropomi SWIR background noise (swir)

orbits : 12 in [12352, 12427]
coverage : 2020-03-01 / 2020-03-06
median : 0.98334
spread : 0.16161
created : 2023-08-21T15:25:42



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

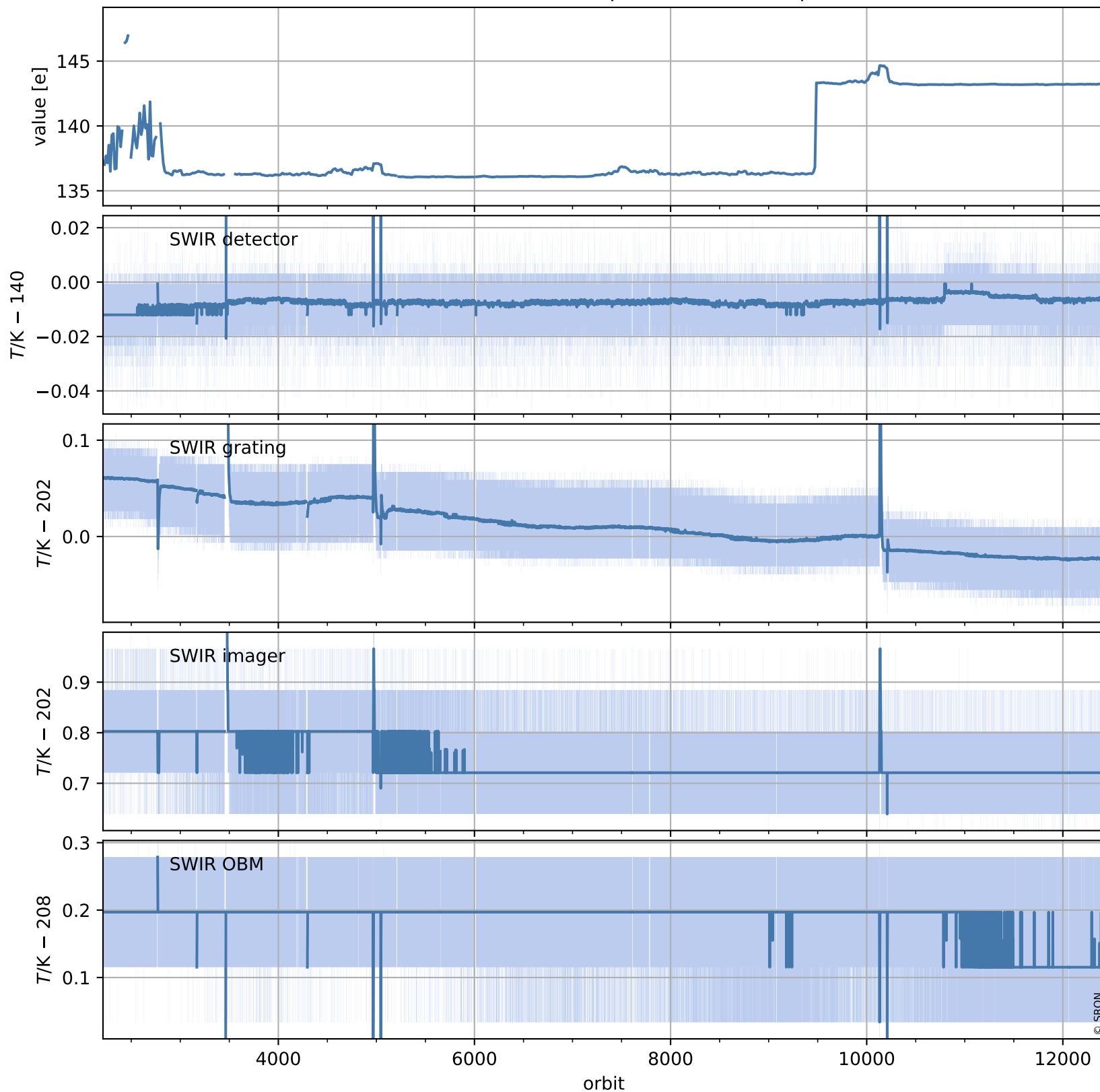
orbits : 12 in [12352, 12427]
coverage : 2020-03-01 / 2020-03-06
created : 2023-08-21T15:25:42



Tropomi SWIR background noise (swir)

orbits : [2212, 12427]
coverage : 2018-03-18 / 2020-03-06
created : 2023-08-21T15:25:42

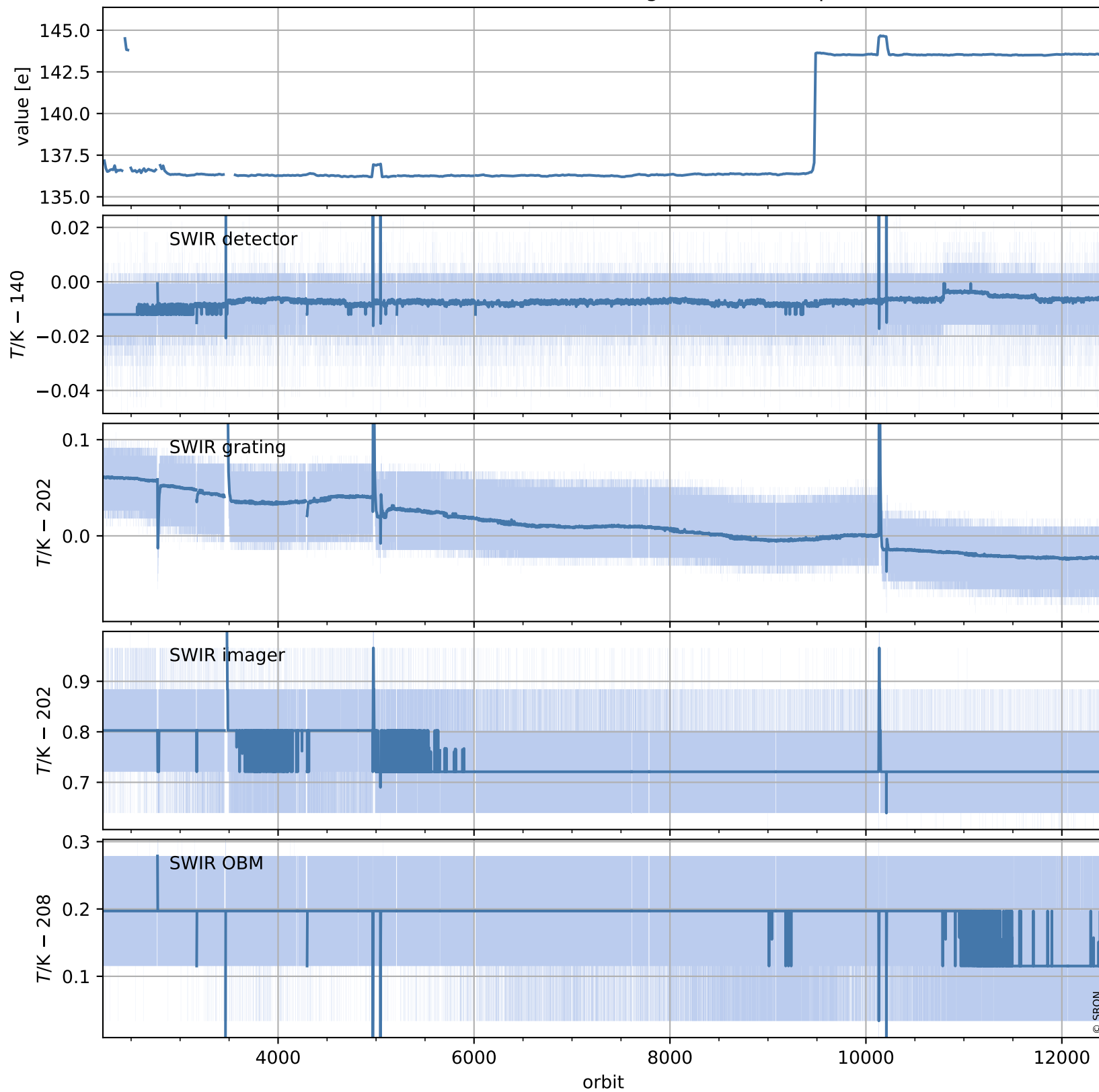
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12427]
coverage : 2018-03-18 / 2020-03-06
created : 2023-08-21T15:25:43

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12427]
coverage : 2018-03-18 / 2020-03-06
created : 2023-08-21T15:25:43

trend of normalized read-noise & temperatures

