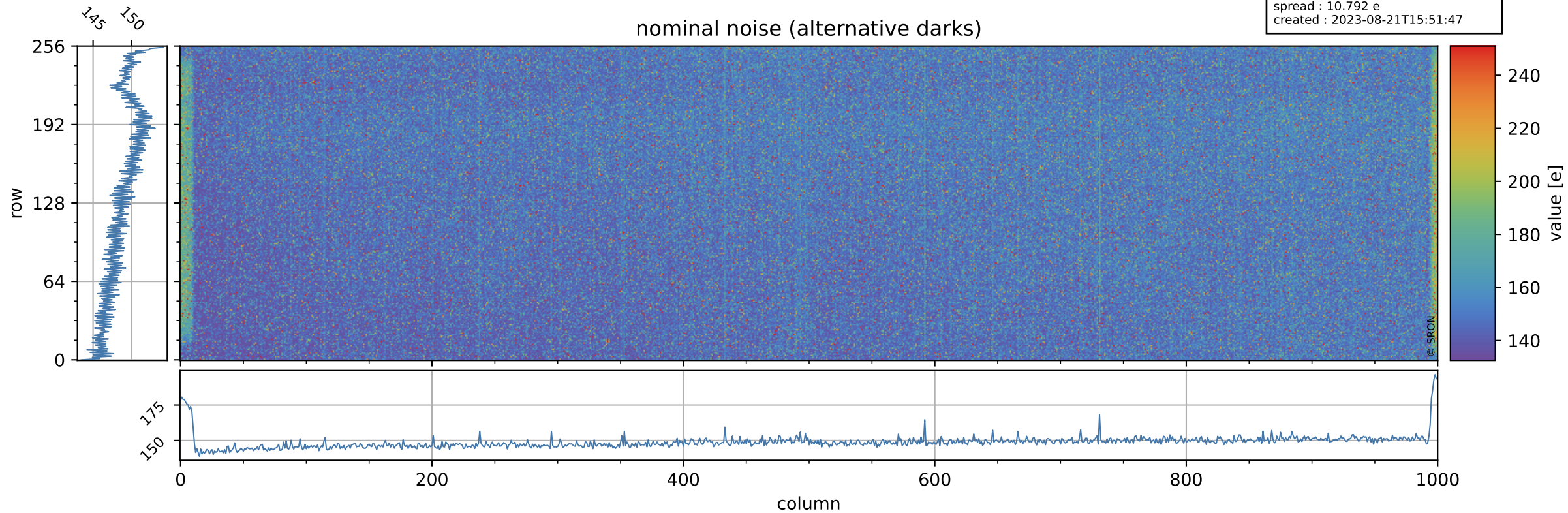


Tropomi SWIR background noise (swir)

orbits : 12 in [17062, 17152]
coverage : 2021-01-28 / 2021-02-03
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.792 e
created : 2023-08-21T15:51:47

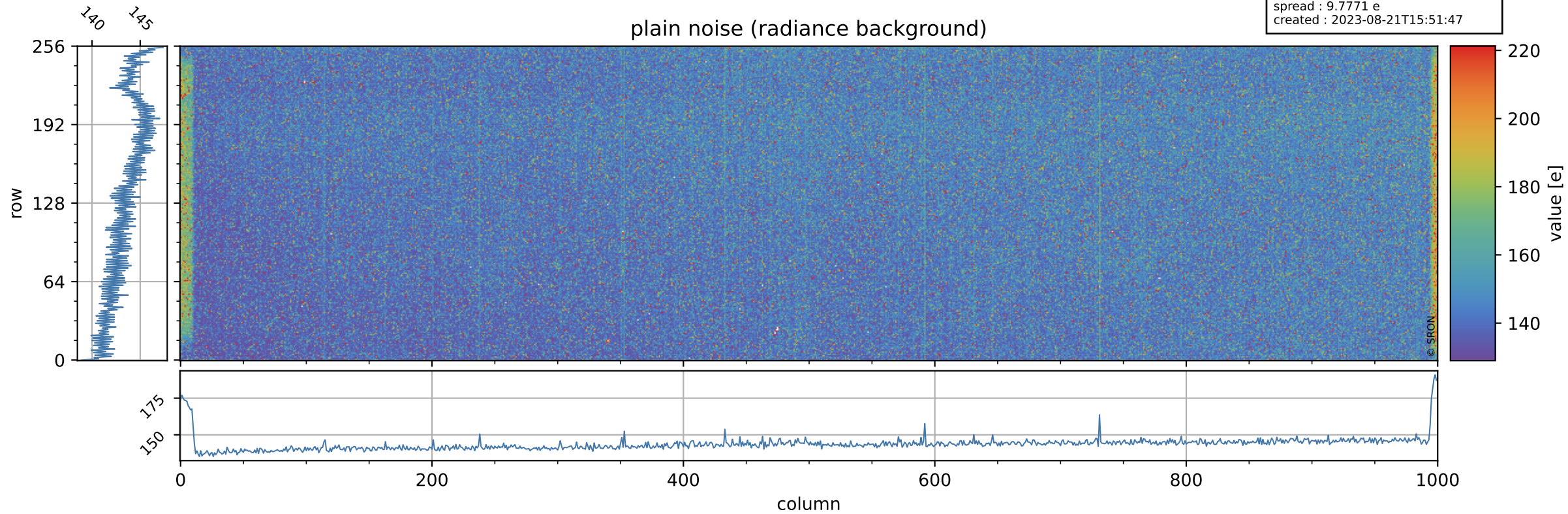
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17062, 17152]
coverage : 2021-01-28 / 2021-02-03
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.7771 e
created : 2023-08-21T15:51:47

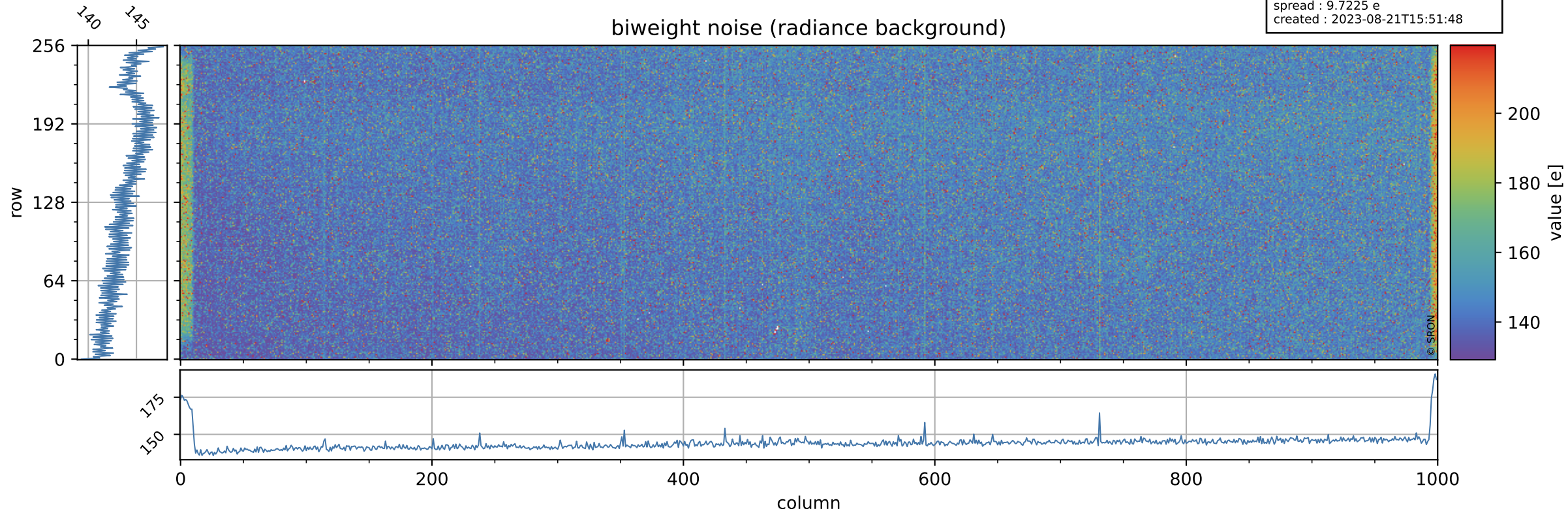
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17062, 17152]
coverage : 2021-01-28 / 2021-02-03
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7225 e
created : 2023-08-21T15:51:48

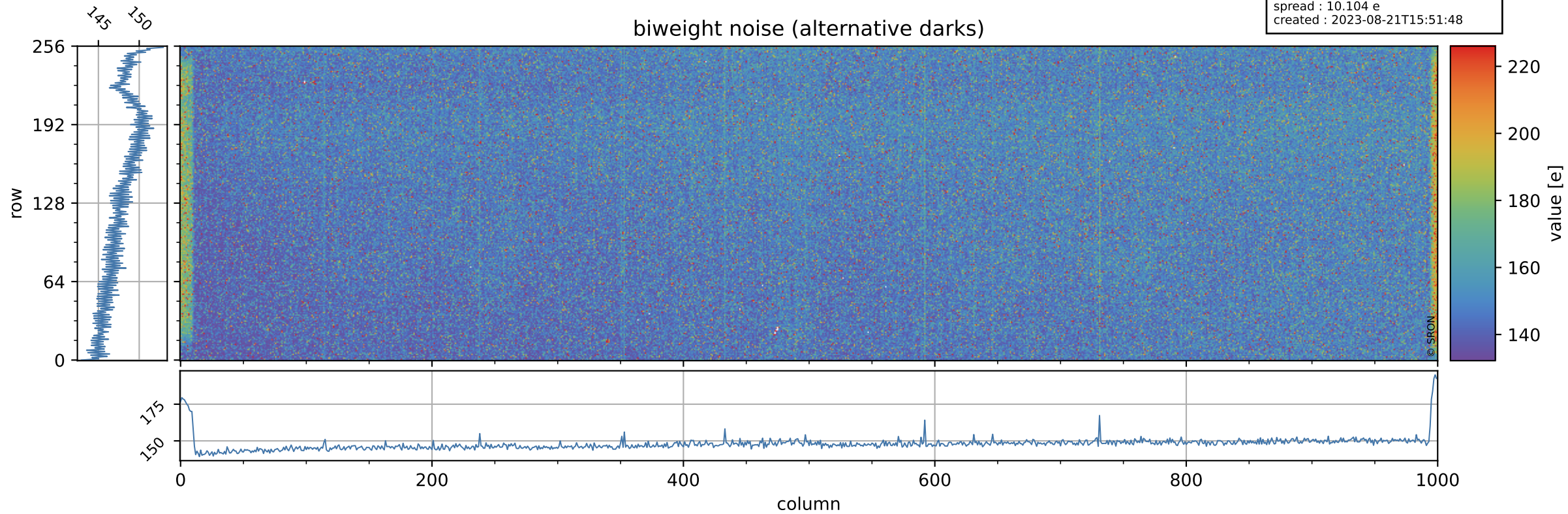
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17062, 17152]
coverage : 2021-01-28 / 2021-02-03
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.104 e
created : 2023-08-21T15:51:48

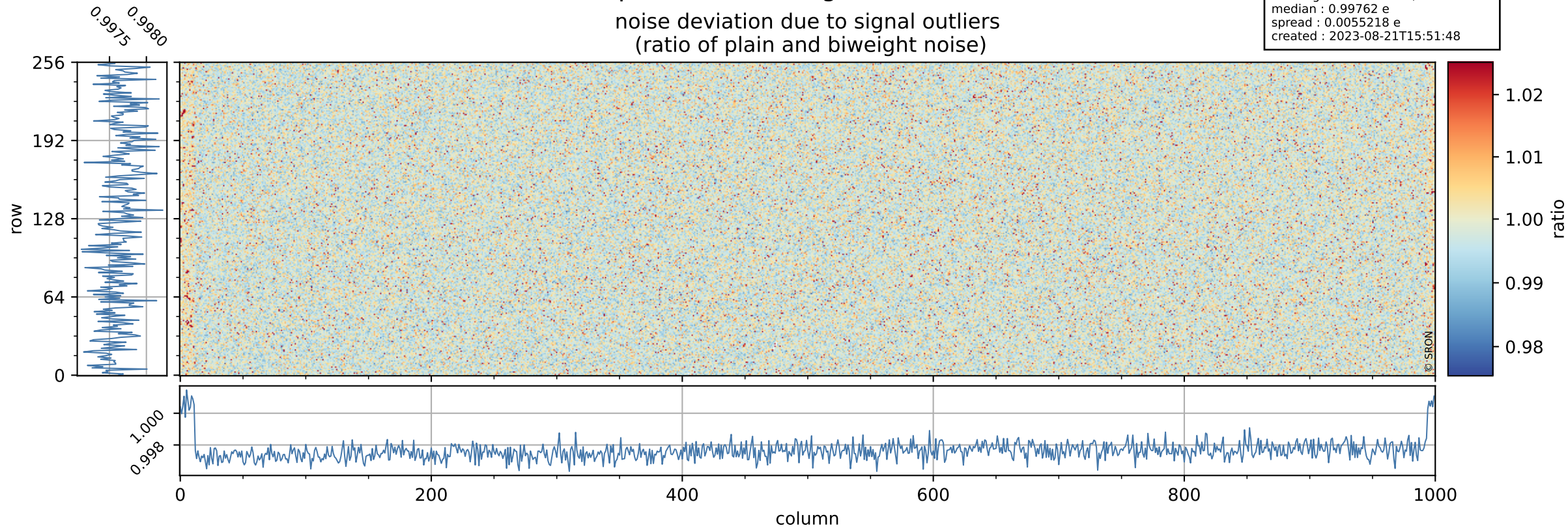
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

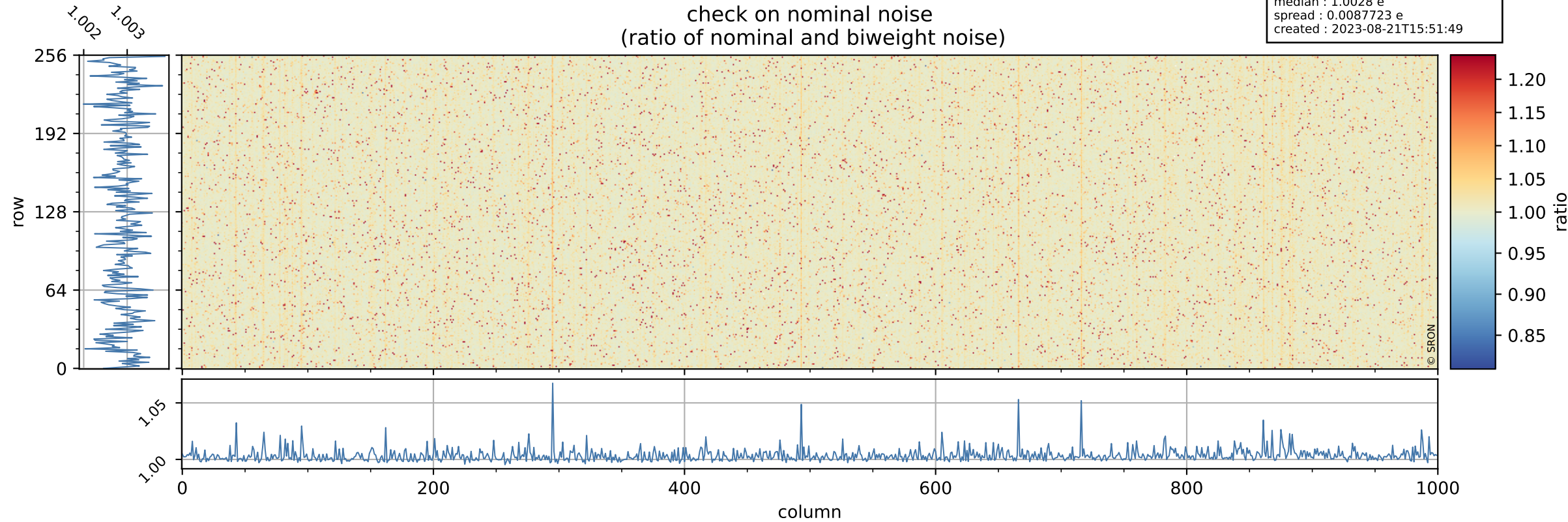
orbits : 12 in [17062, 17152]
coverage : 2021-01-28 / 2021-02-03
median : 0.99762 e
spread : 0.0055218 e
created : 2023-08-21T15:51:48



Tropomi SWIR background noise (swir)

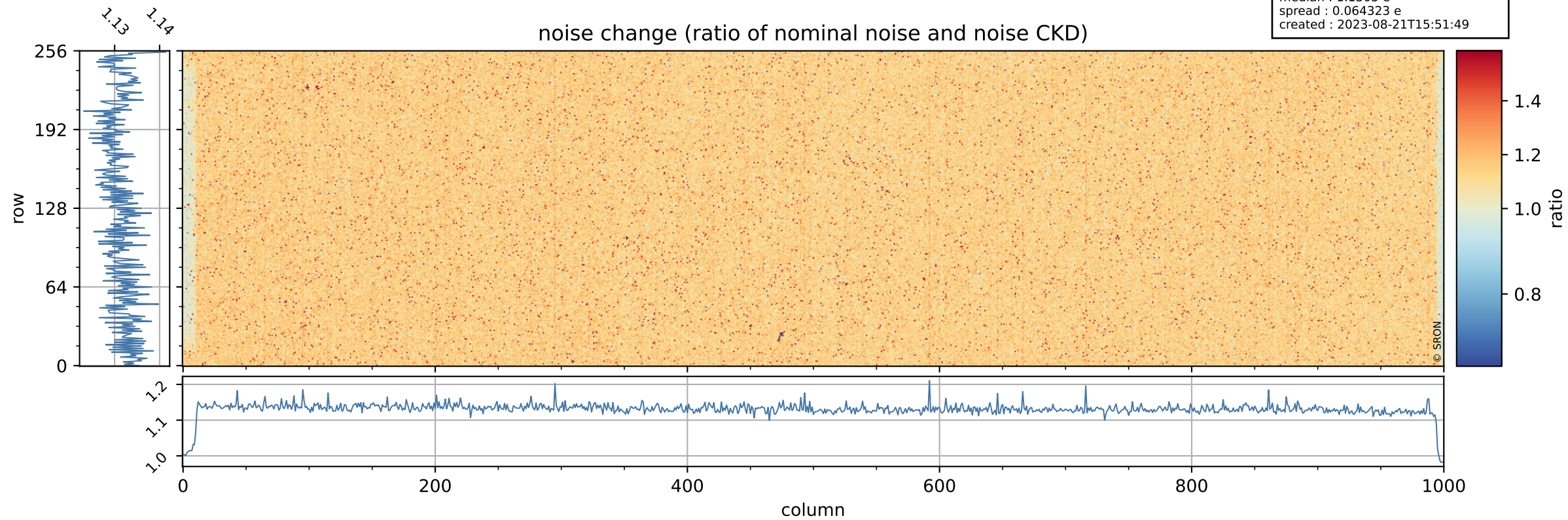
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17062, 17152]
coverage : 2021-01-28 / 2021-02-03
median : 1.0028 e
spread : 0.0087723 e
created : 2023-08-21T15:51:49



Tropomi SWIR background noise (swir)

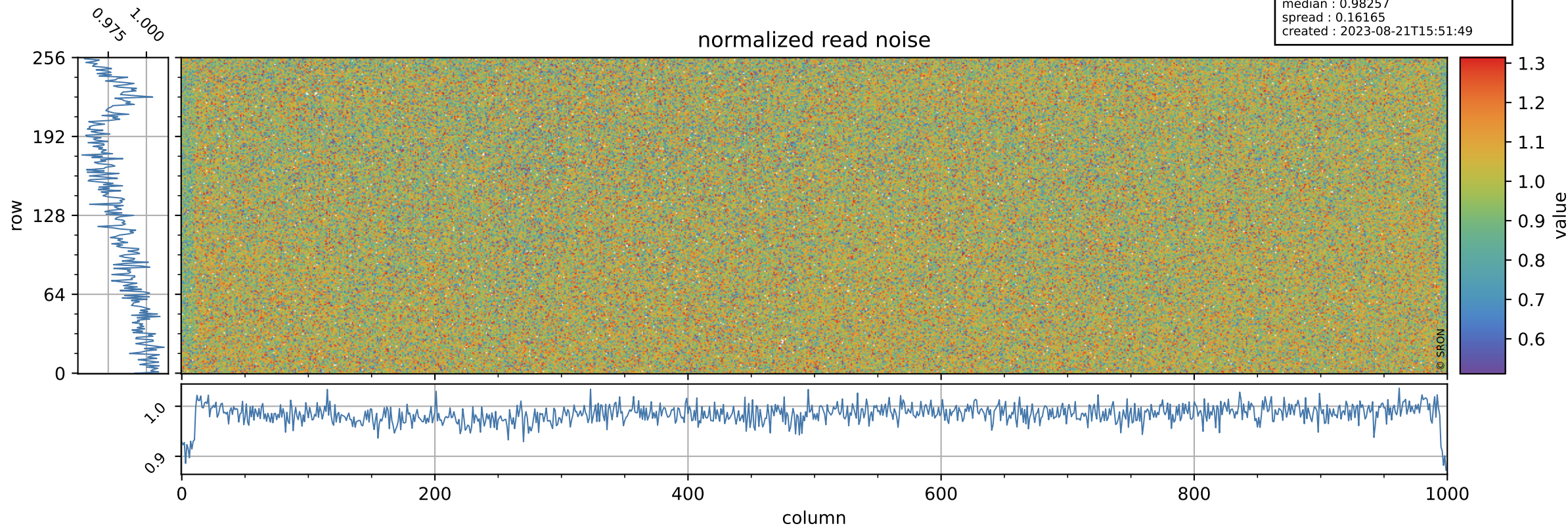
orbits : 12 in [17062, 17152]
coverage : 2021-01-28 / 2021-02-03
median : 1.1305 e
spread : 0.064323 e
created : 2023-08-21T15:51:49



Tropomi SWIR background noise (swir)

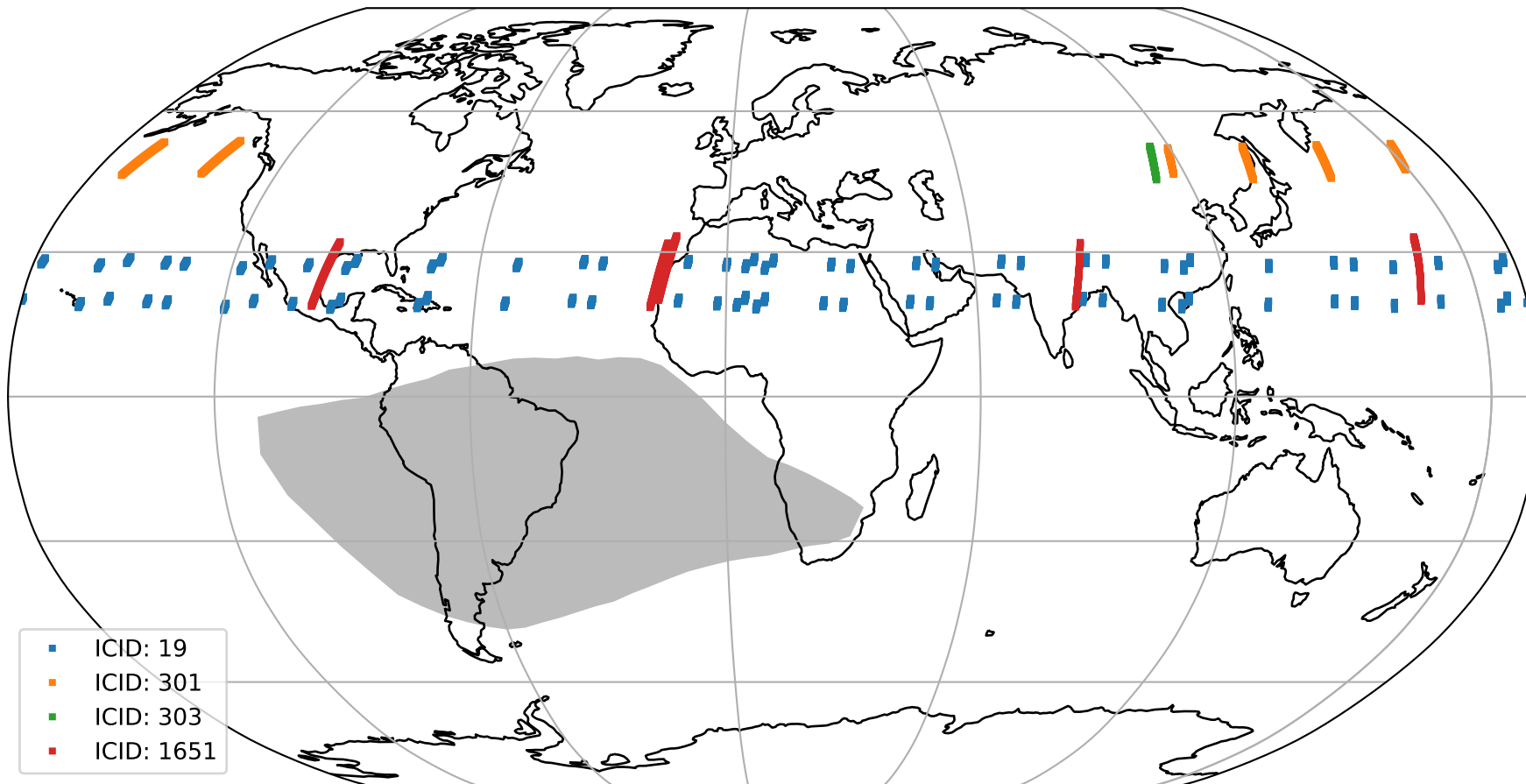
orbits : 12 in [17062, 17152]
coverage : 2021-01-28 / 2021-02-03
median : 0.98257
spread : 0.16165
created : 2023-08-21T15:51:49

normalized read noise



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

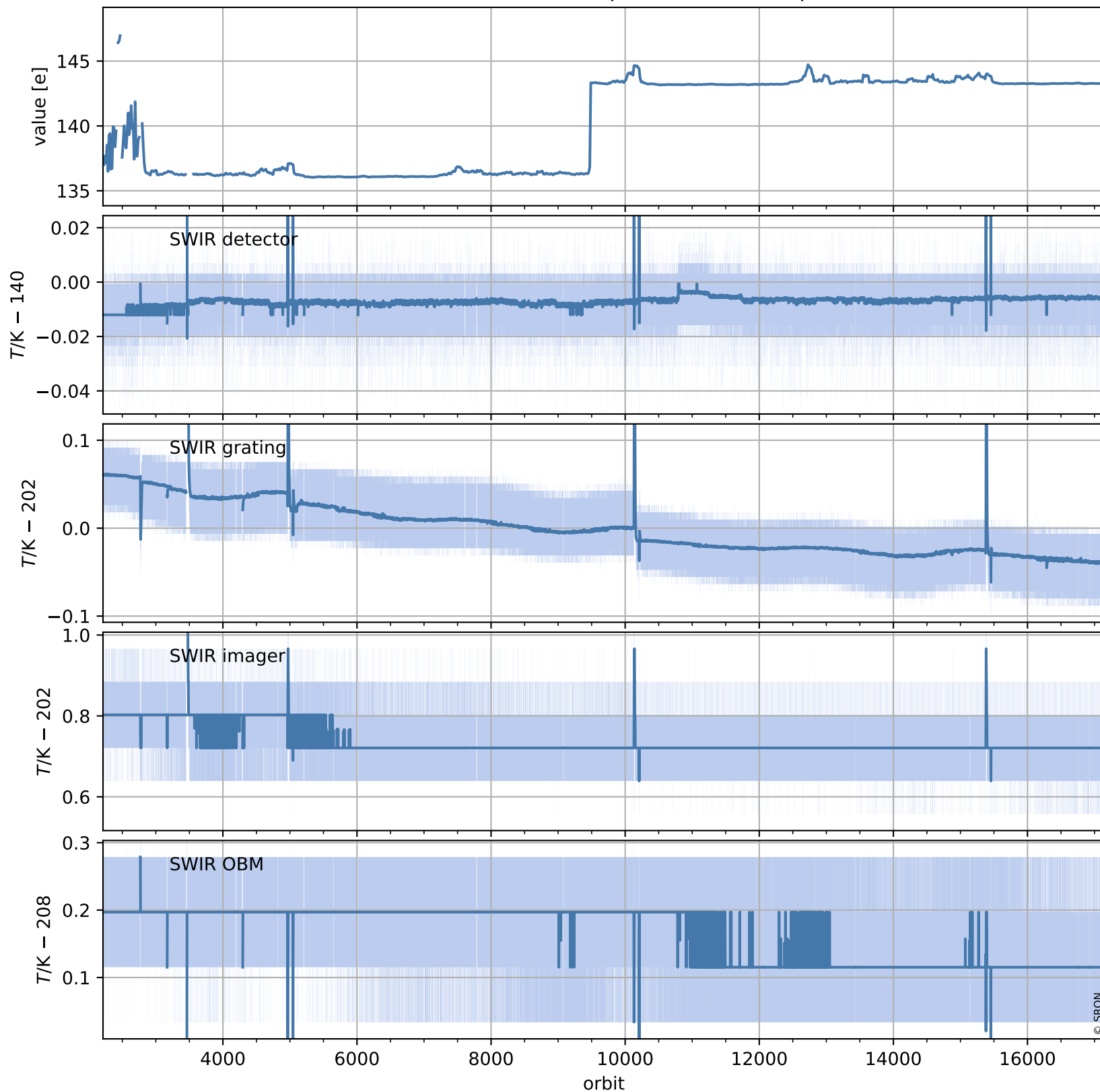
orbits : 12 in [17062, 17152]
coverage : 2021-01-28 / 2021-02-03
created : 2023-08-21T15:51:49



Tropomi SWIR background noise (swir)

orbits : [2212, 17152]
coverage : 2018-03-18 / 2021-02-03
created : 2023-08-21T15:51:50

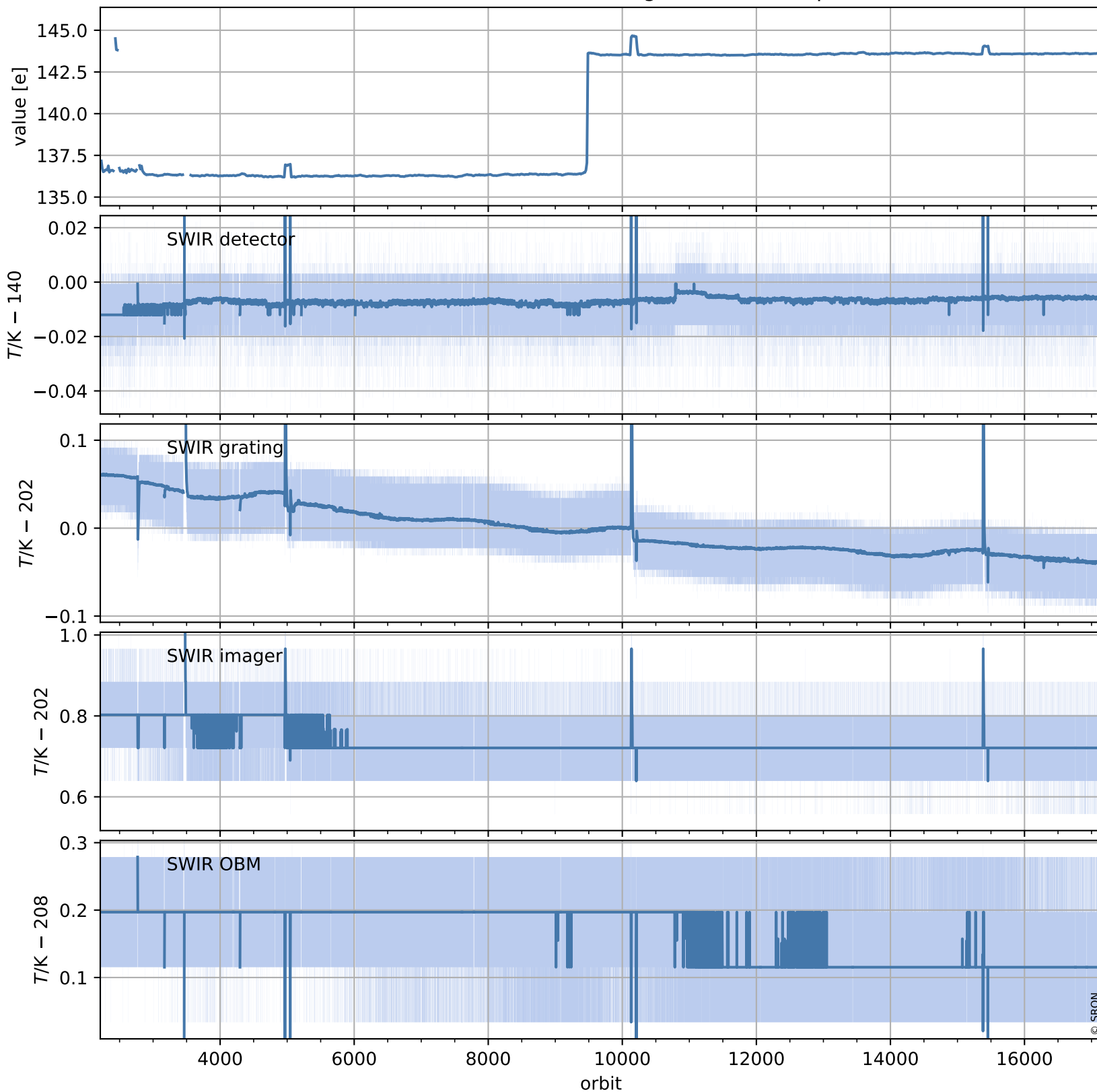
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17152]
coverage : 2018-03-18 / 2021-02-03
created : 2023-08-21T15:51:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17152]
coverage : 2018-03-18 / 2021-02-03
created : 2023-08-21T15:51:51

trend of normalized read-noise & temperatures

