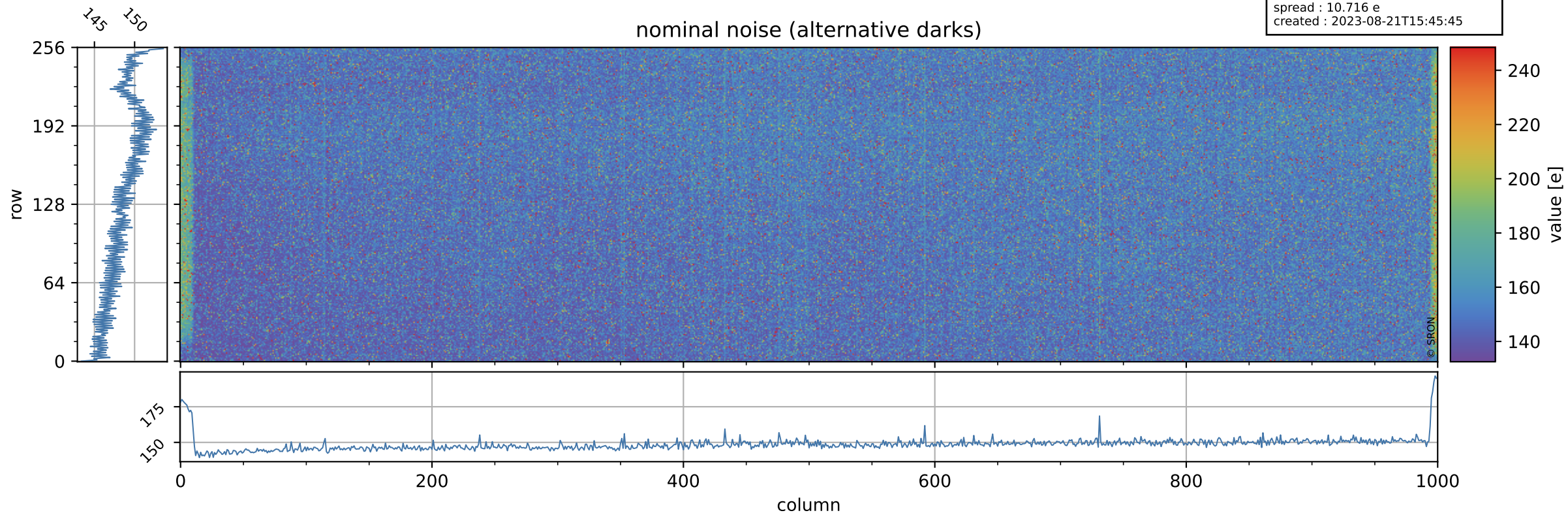


Tropomi SWIR background noise (swir)

orbits : 12 in [16012, 16102]
coverage : 2020-11-15 / 2020-11-20
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.716 e
created : 2023-08-21T15:45:45

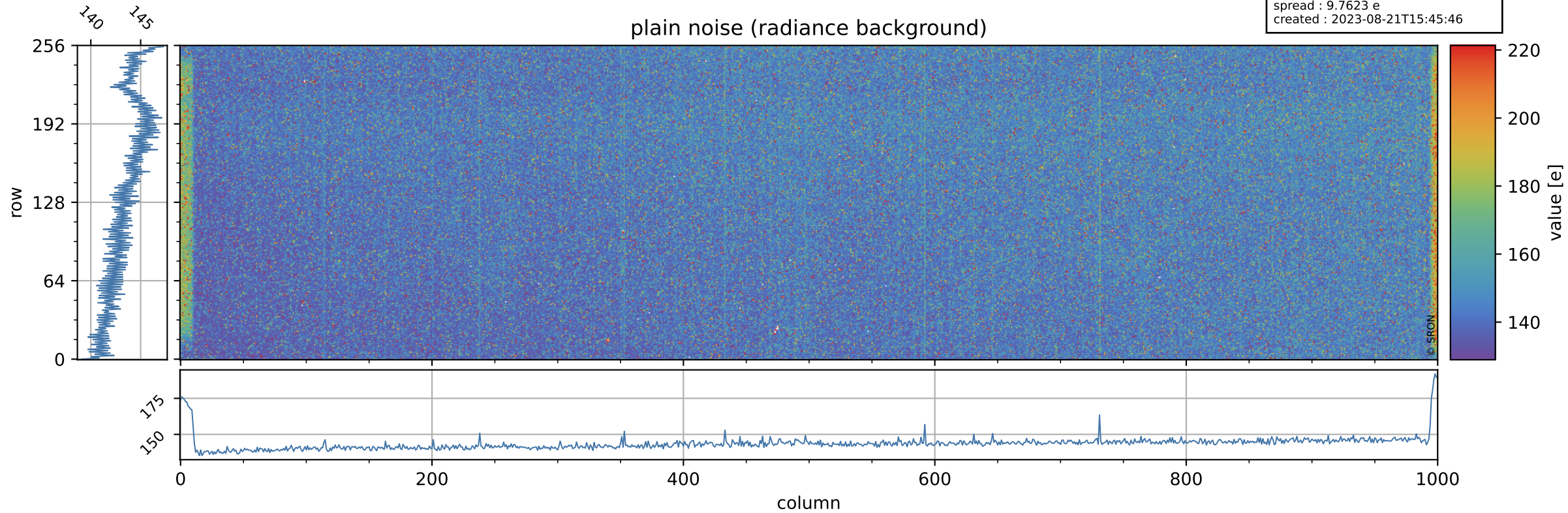
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16012, 16102]
coverage : 2020-11-15 / 2020-11-20
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7623 e
created : 2023-08-21T15:45:46

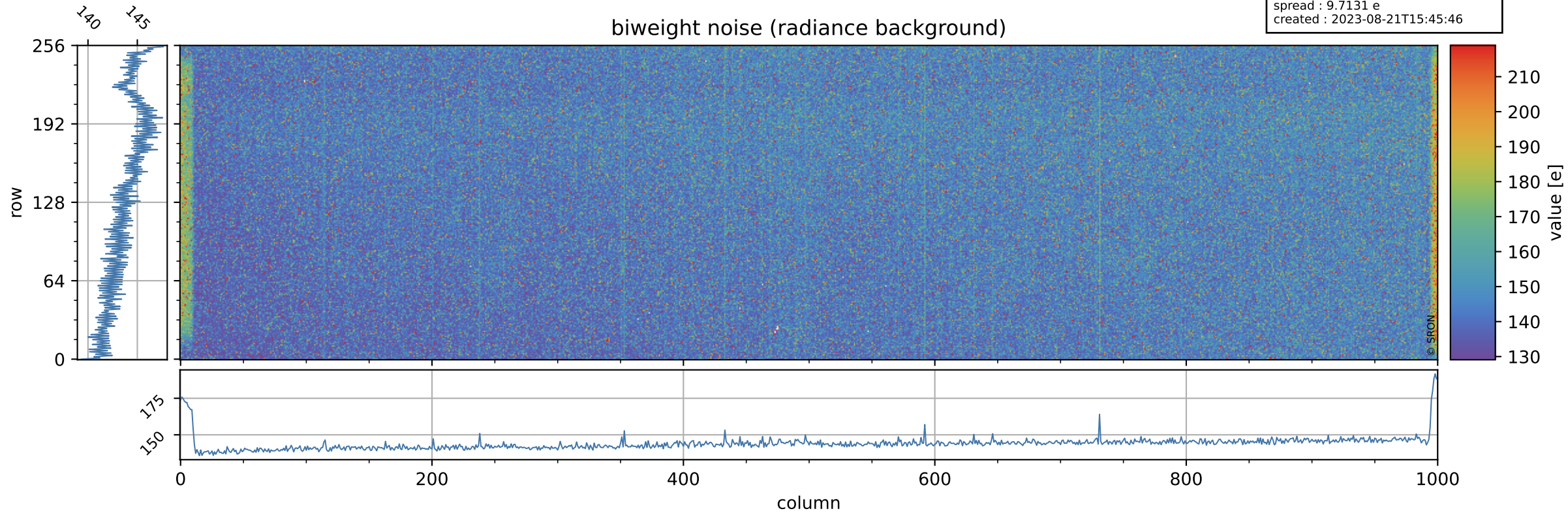
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16012, 16102]
coverage : 2020-11-15 / 2020-11-20
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.7131 e
created : 2023-08-21T15:45:46

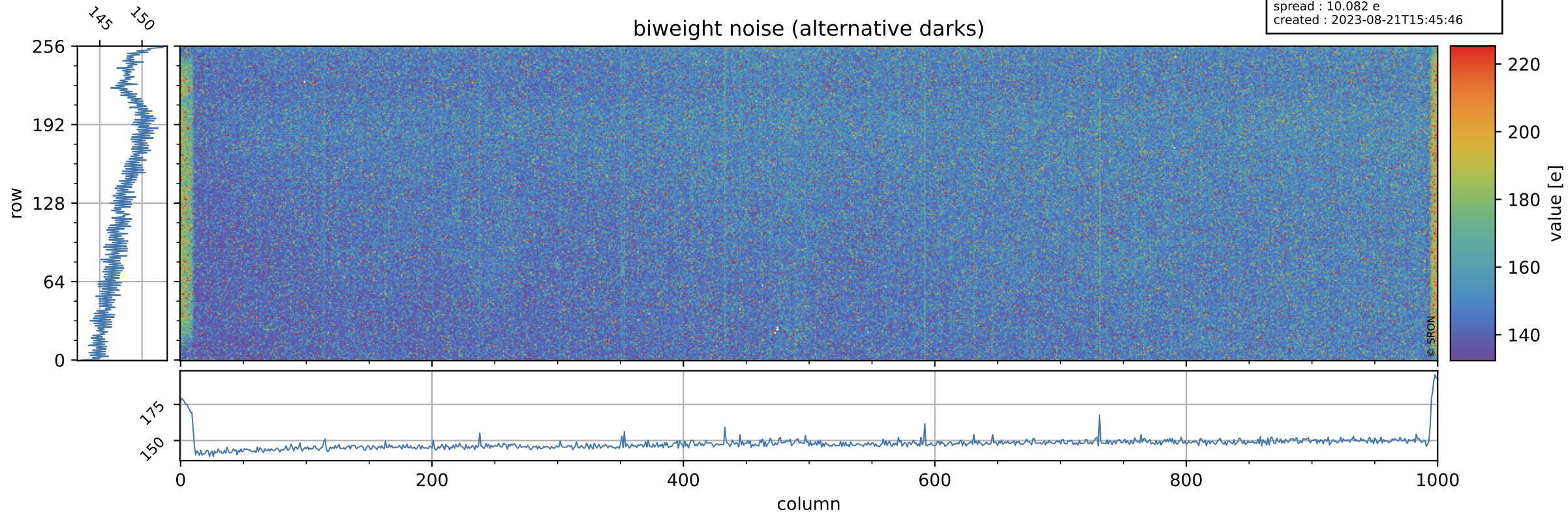
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16012, 16102]
coverage : 2020-11-15 / 2020-11-20
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.082 e
created : 2023-08-21T15:45:46

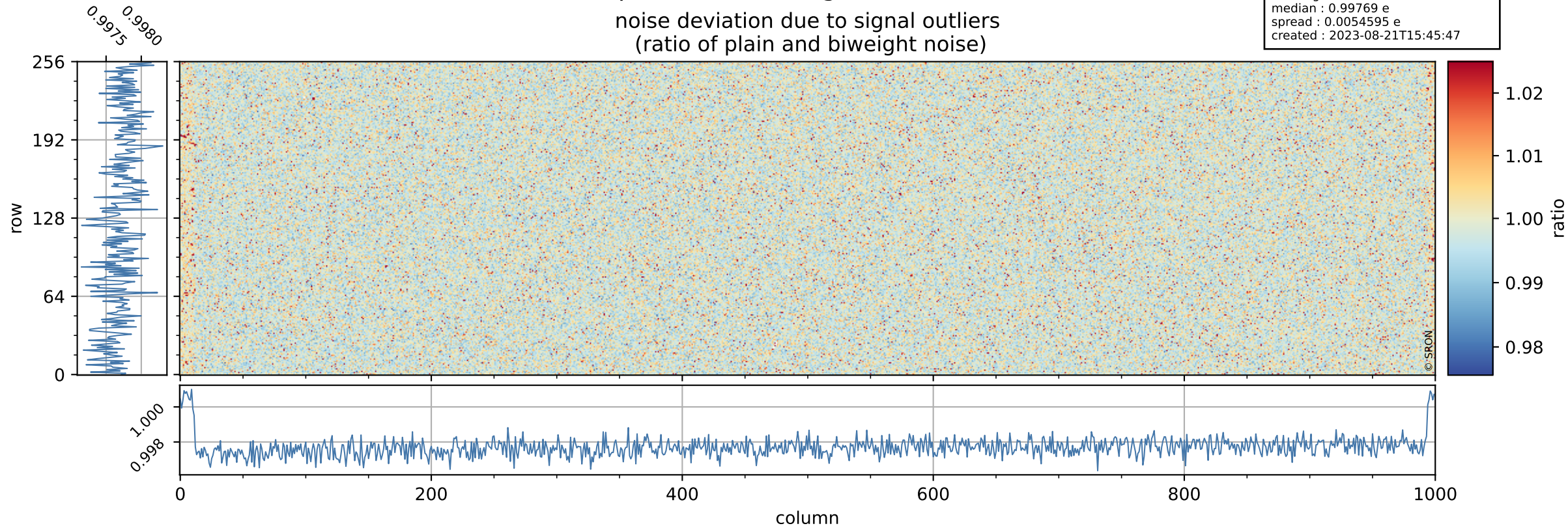
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

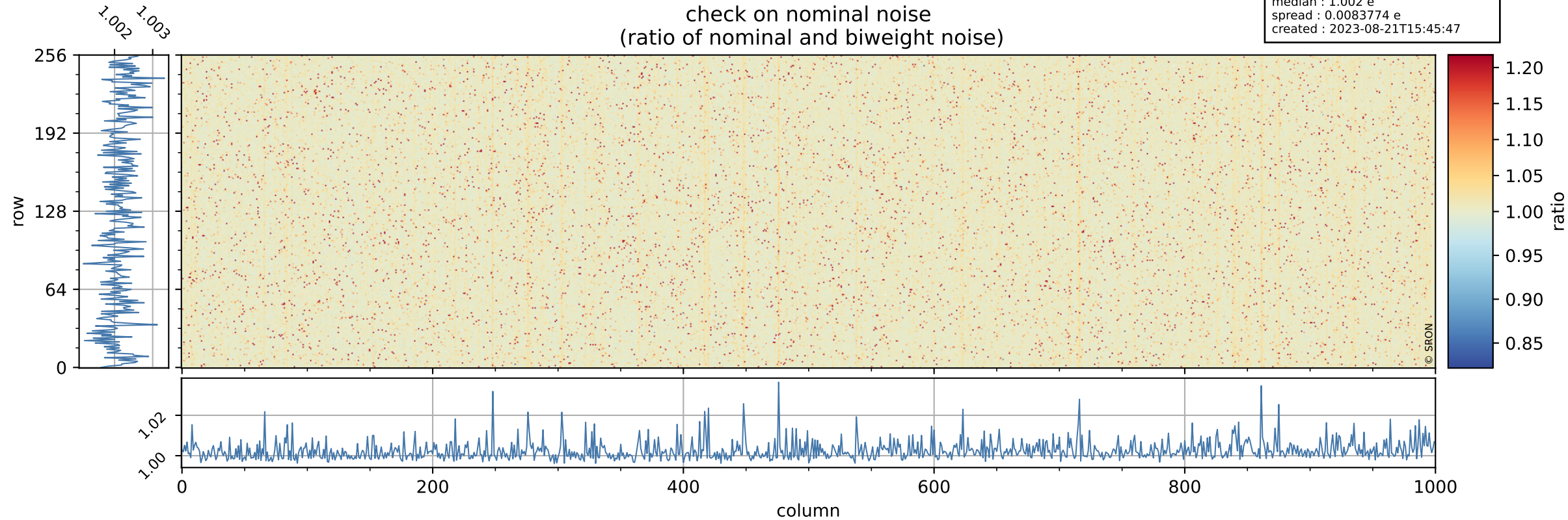
orbits : 12 in [16012, 16102]
coverage : 2020-11-15 / 2020-11-20
median : 0.99769 e
spread : 0.0054595 e
created : 2023-08-21T15:45:47



Tropomi SWIR background noise (swir)

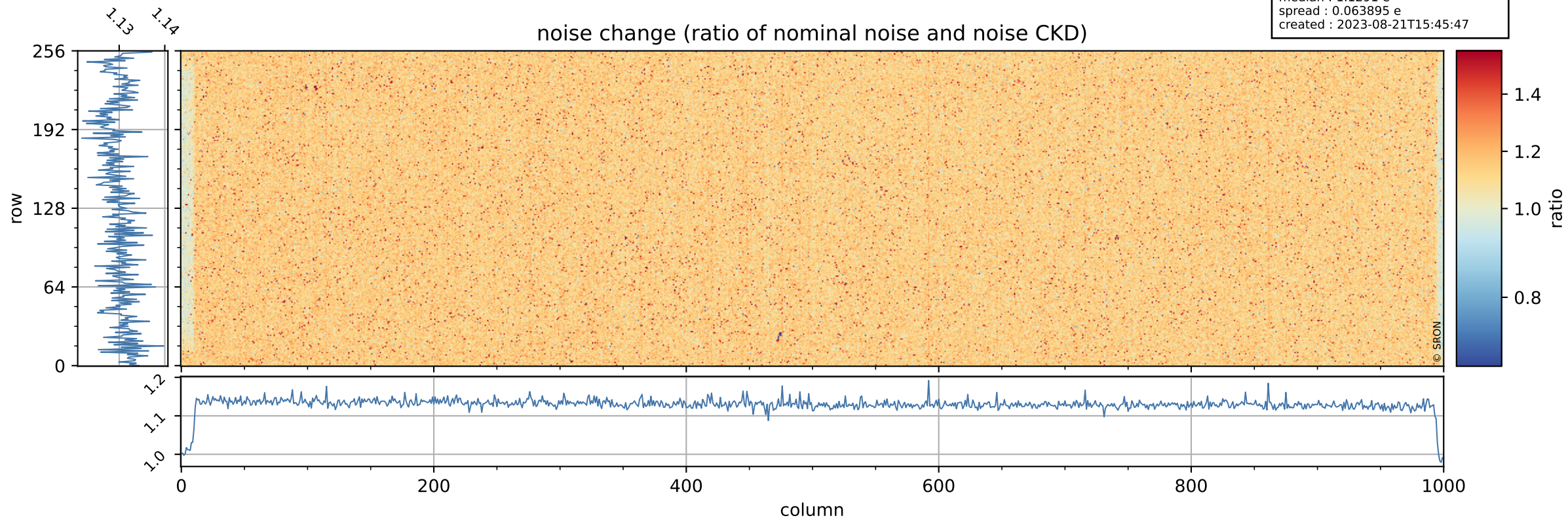
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16012, 16102]
coverage : 2020-11-15 / 2020-11-20
median : 1.002 e
spread : 0.0083774 e
created : 2023-08-21T15:45:47



Tropomi SWIR background noise (swir)

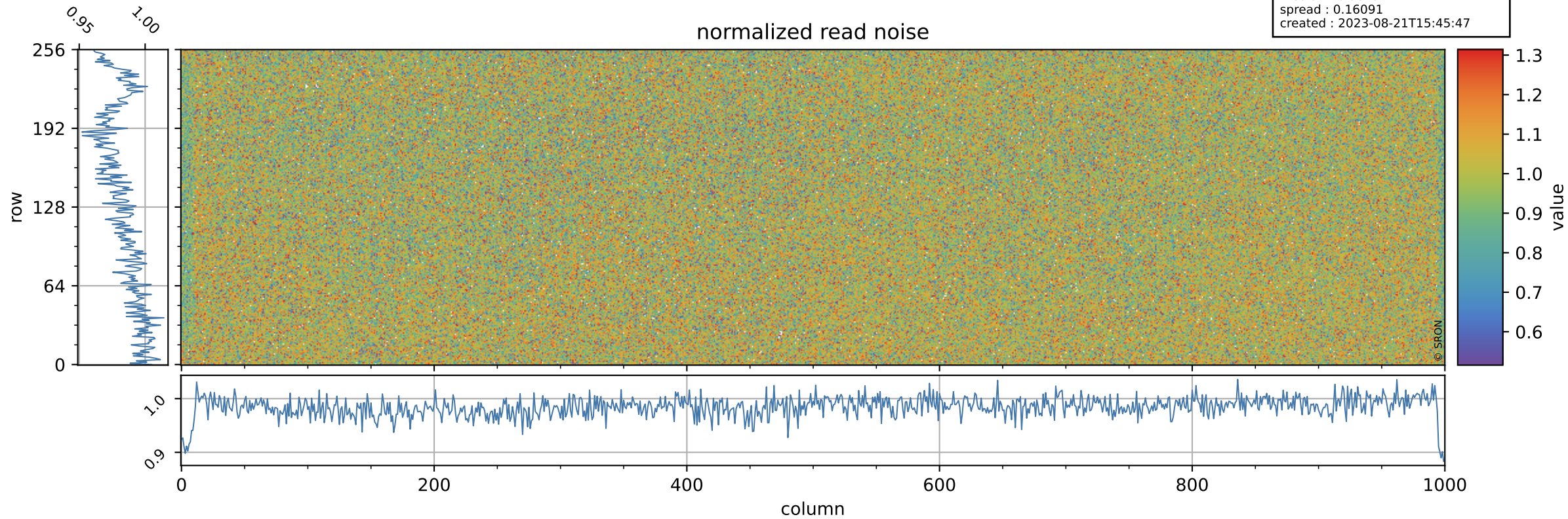
orbits : 12 in [16012, 16102]
coverage : 2020-11-15 / 2020-11-20
median : 1.1291 e
spread : 0.063895 e
created : 2023-08-21T15:45:47



Tropomi SWIR background noise (swir)

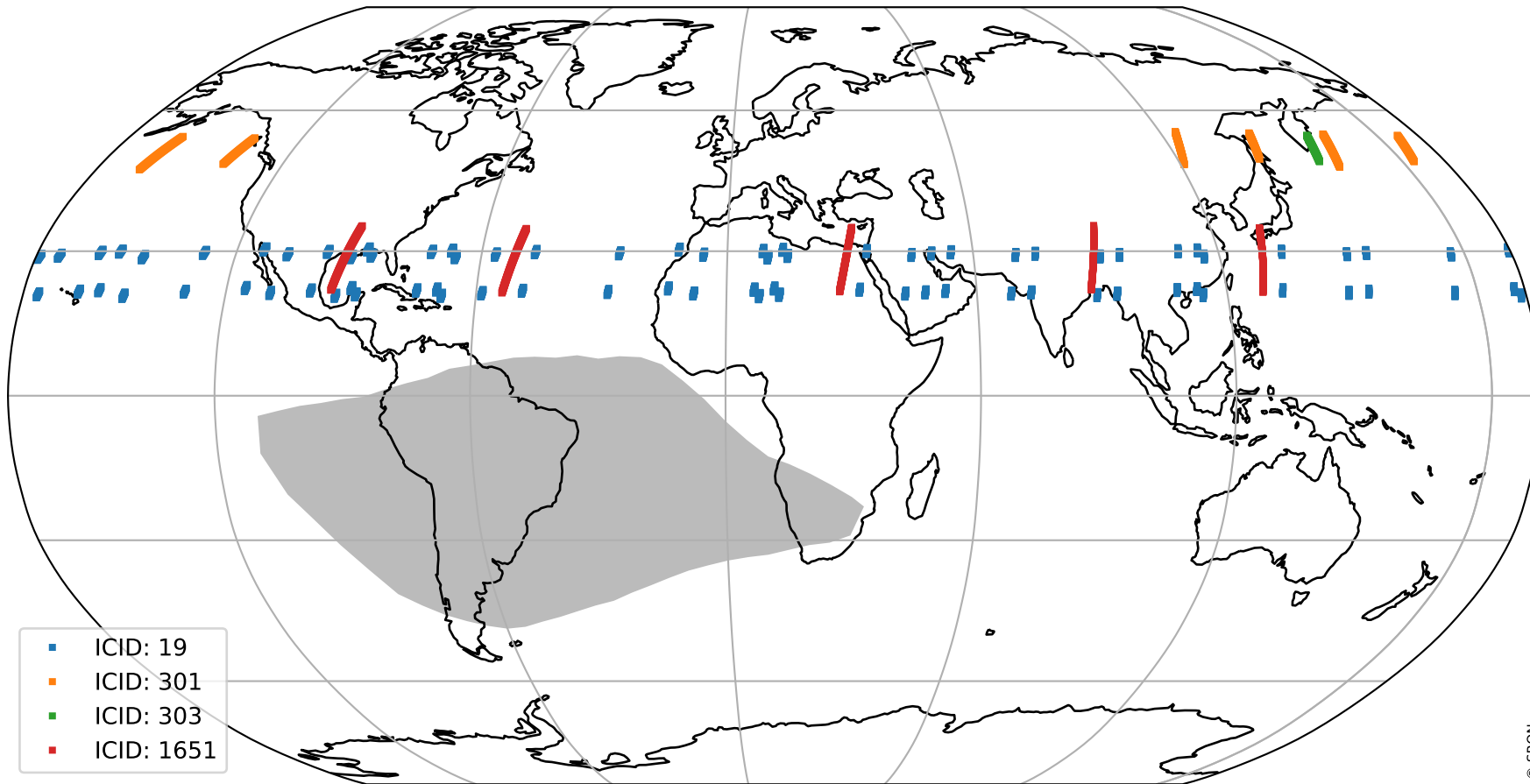
orbits : 12 in [16012, 16102]
coverage : 2020-11-15 / 2020-11-20
median : 0.9829
spread : 0.16091
created : 2023-08-21T15:45:47

normalized read noise



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

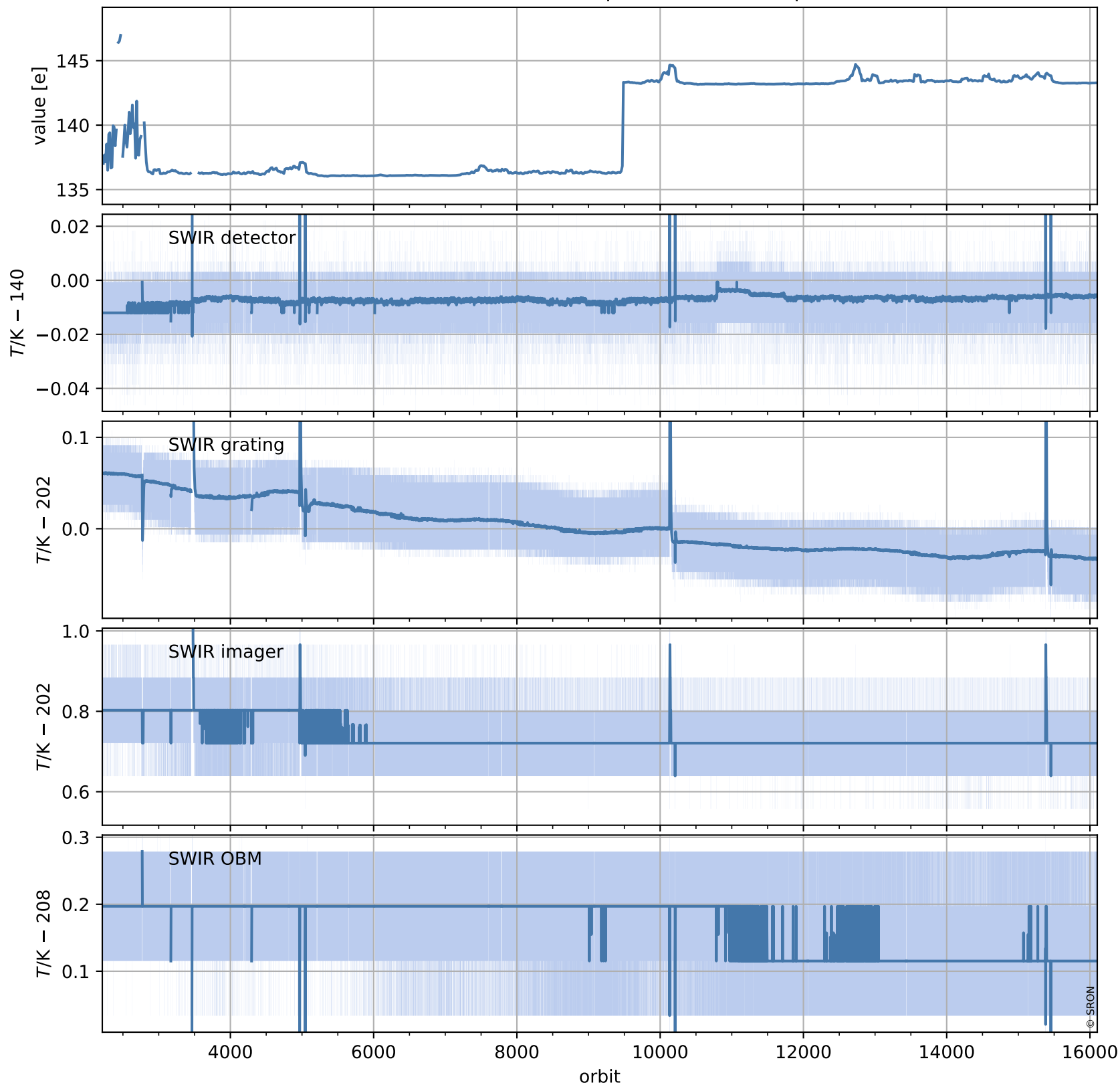
orbits : 12 in [16012, 16102]
coverage : 2020-11-15 / 2020-11-20
created : 2023-08-21T15:45:48



Tropomi SWIR background noise (swir)

orbits : [2212, 16102]
coverage : 2018-03-18 / 2020-11-20
created : 2023-08-21T15:45:48

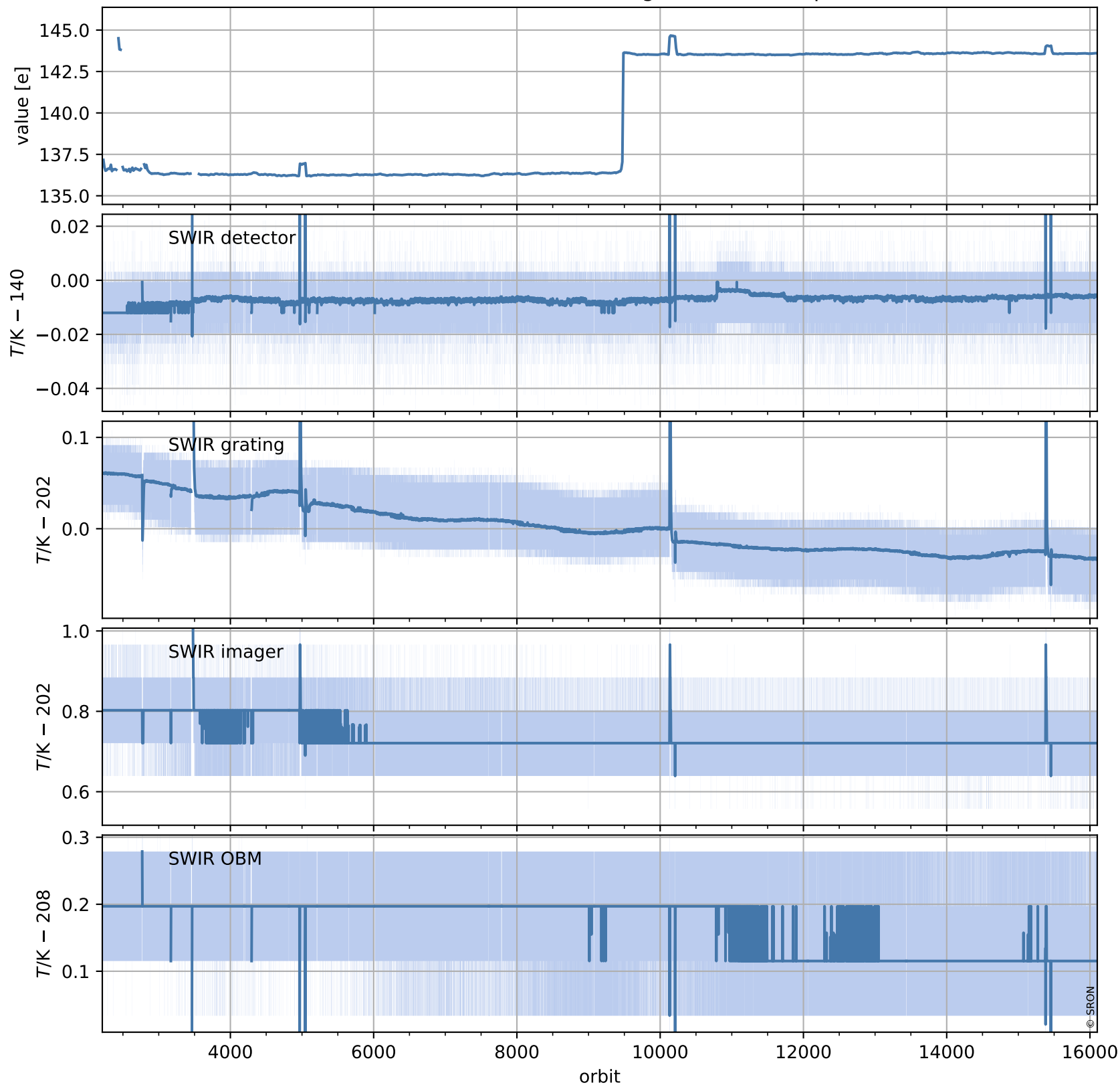
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16102]
coverage : 2018-03-18 / 2020-11-20
created : 2023-08-21T15:45:49

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16102]
coverage : 2018-03-18 / 2020-11-20
created : 2023-08-21T15:45:49

trend of normalized read-noise & temperatures

