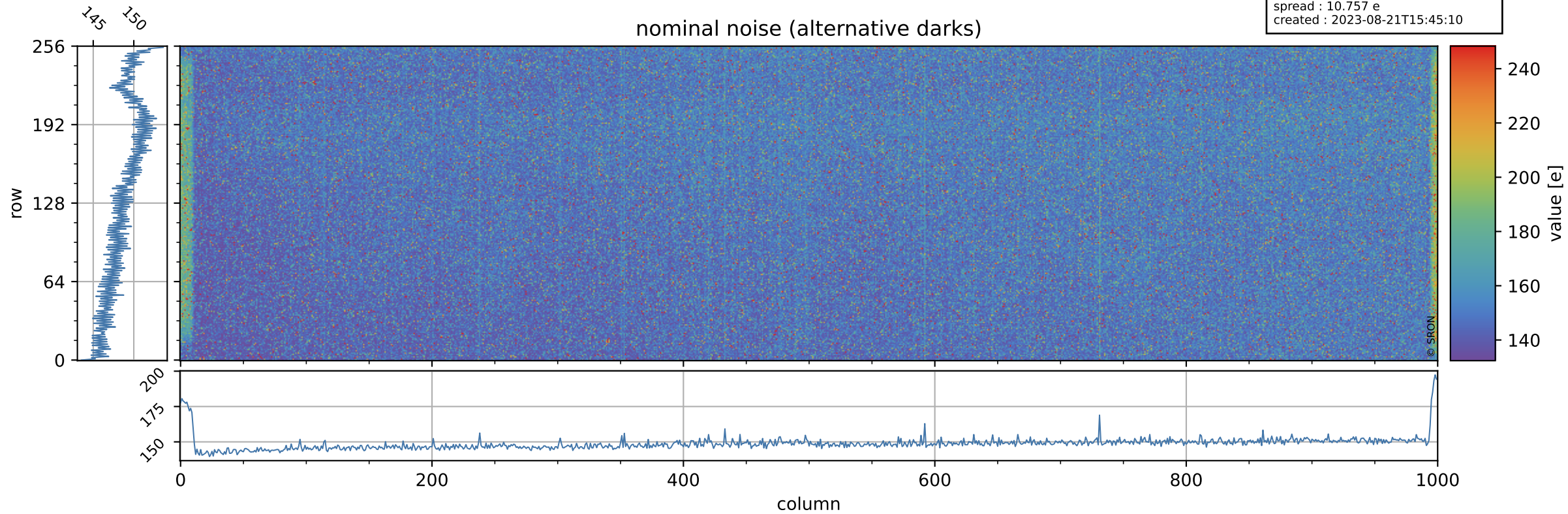


Tropomi SWIR background noise (swir)

orbits : 11 in [15907, 15997]
coverage : 2020-11-08 / 2020-11-13
n_coad, t_exp : 1, 1.0783
median : 148.6 e
spread : 10.757 e
created : 2023-08-21T15:45:10

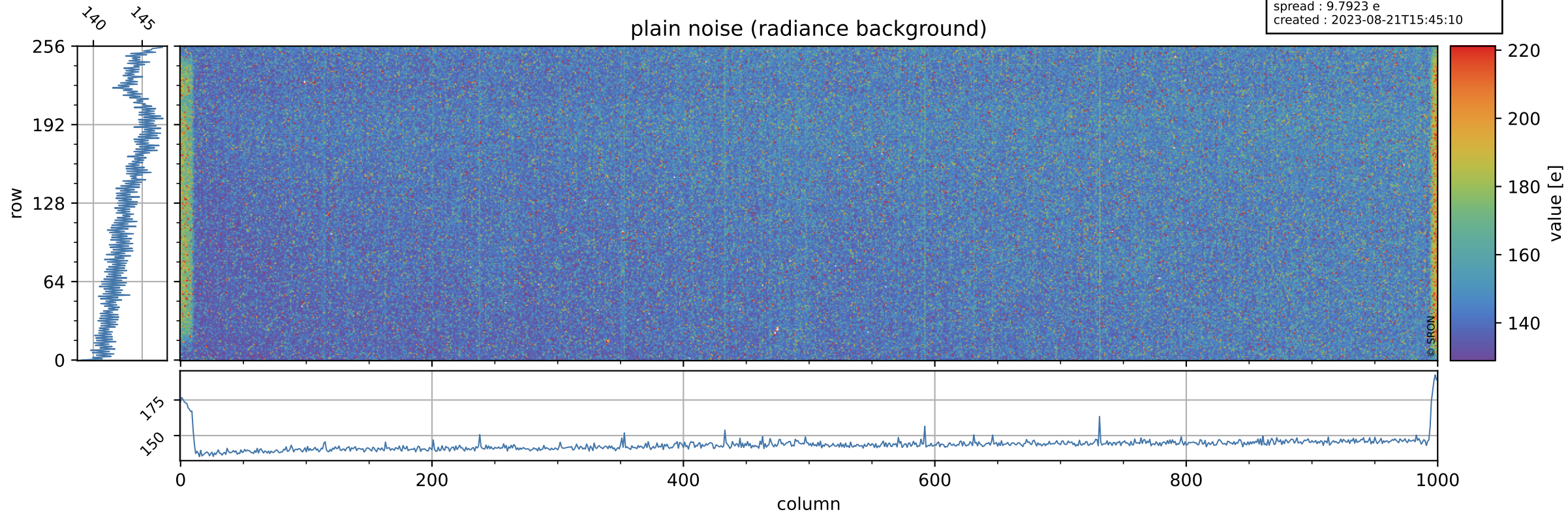
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [15907, 15997]
coverage : 2020-11-08 / 2020-11-13
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.7923 e
created : 2023-08-21T15:45:10

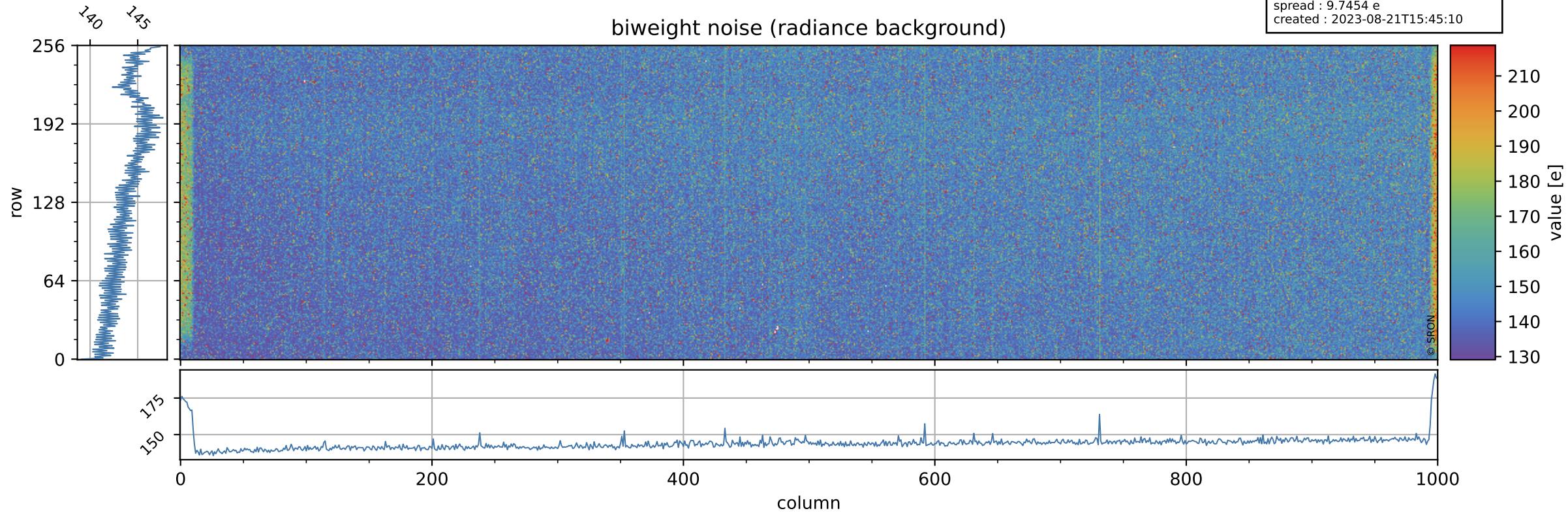
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [15907, 15997]
coverage : 2020-11-08 / 2020-11-13
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7454 e
created : 2023-08-21T15:45:10

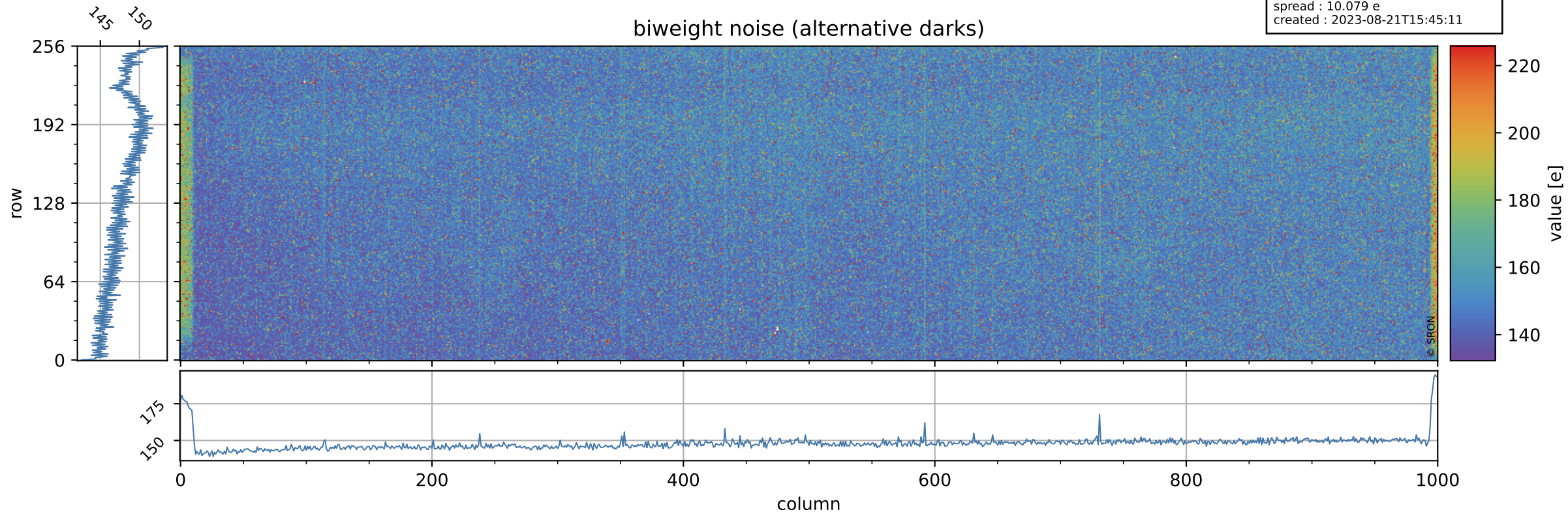
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [15907, 15997]
coverage : 2020-11-08 / 2020-11-13
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.079 e
created : 2023-08-21T15:45:11

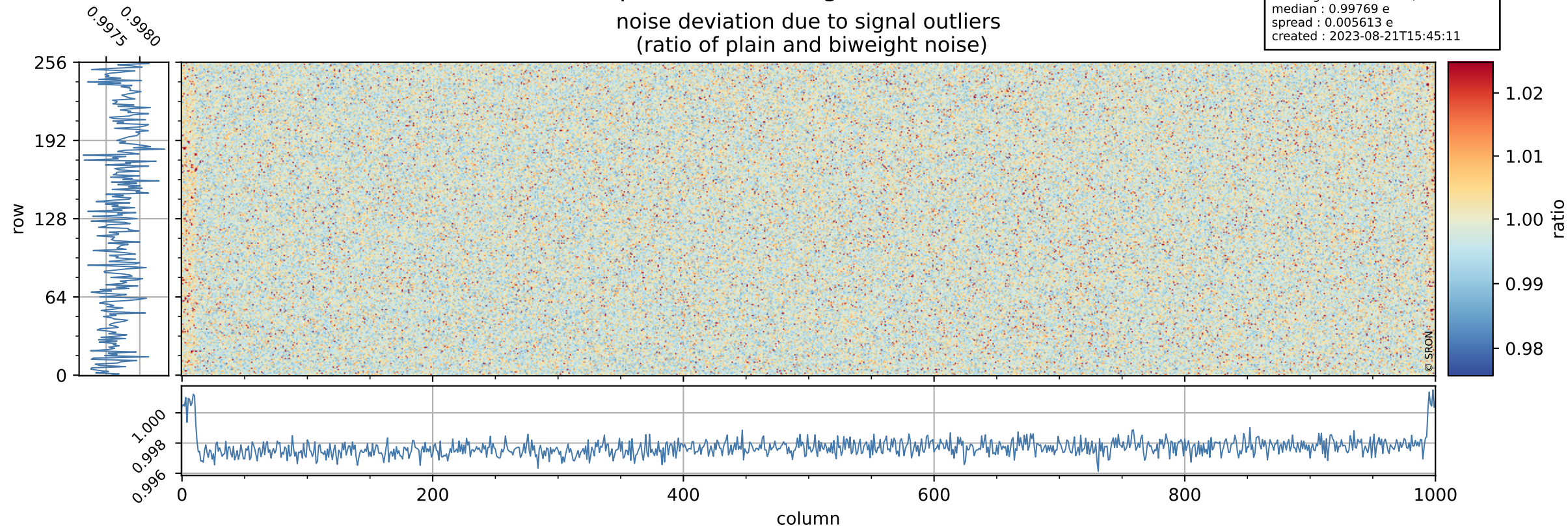
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

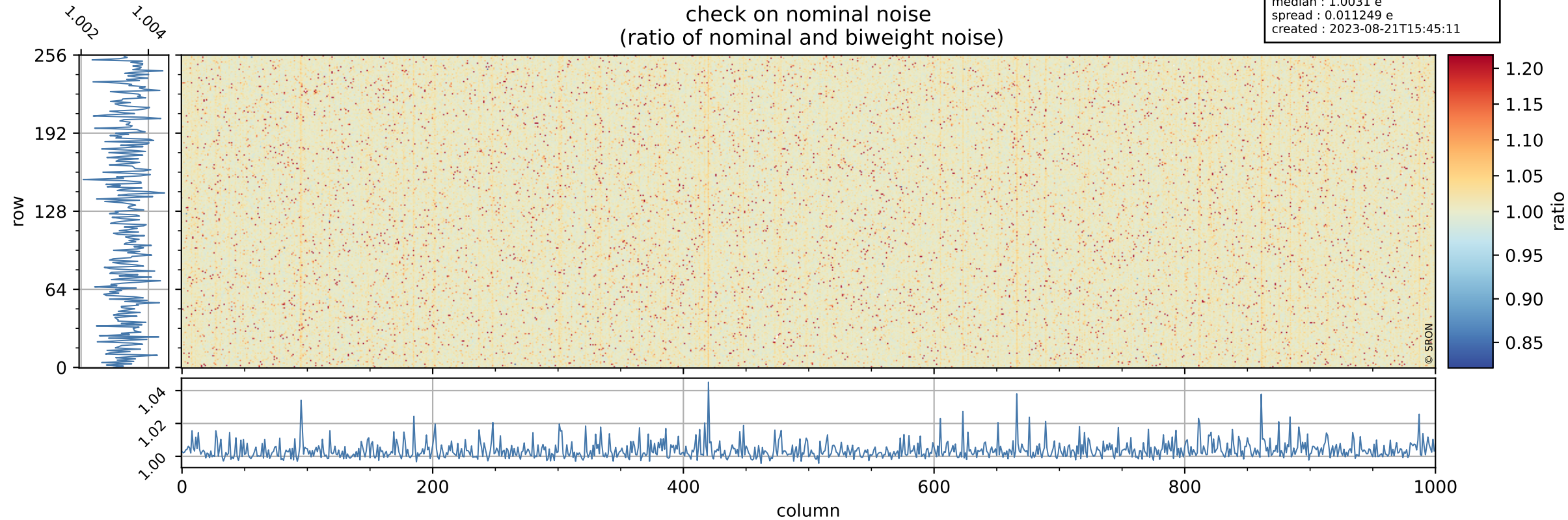
orbits : 11 in [15907, 15997]
coverage : 2020-11-08 / 2020-11-13
median : 0.99769 e
spread : 0.005613 e
created : 2023-08-21T15:45:11



Tropomi SWIR background noise (swir)

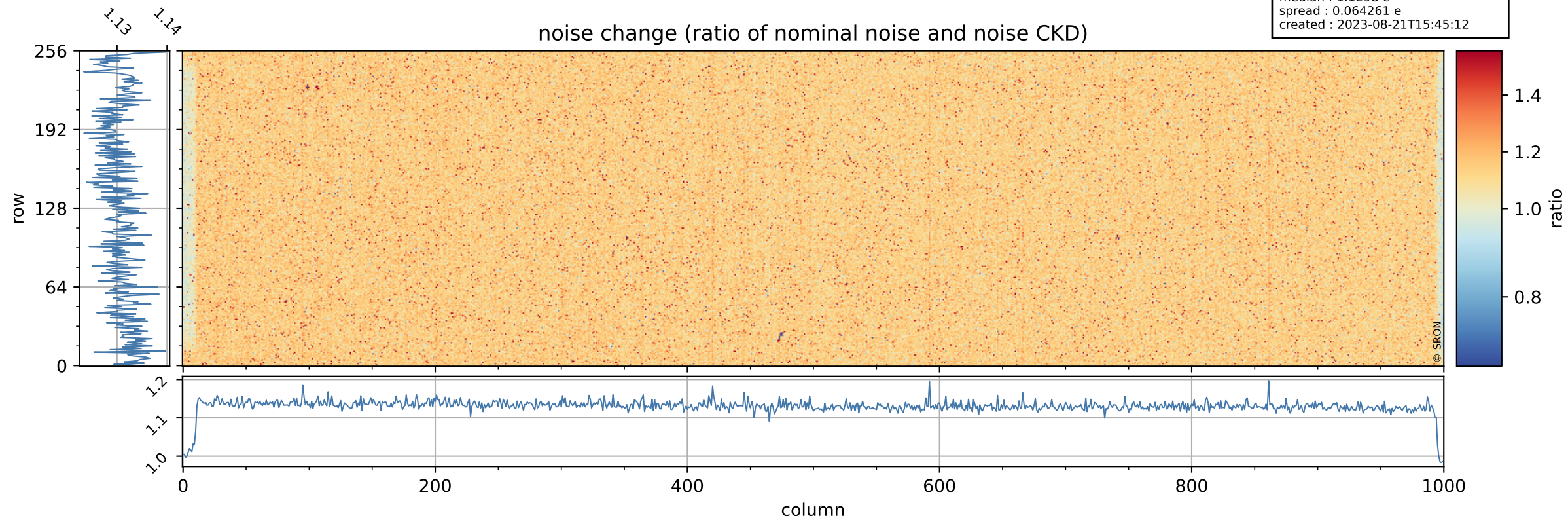
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [15907, 15997]
coverage : 2020-11-08 / 2020-11-13
median : 1.0031 e
spread : 0.011249 e
created : 2023-08-21T15:45:11



Tropomi SWIR background noise (swir)

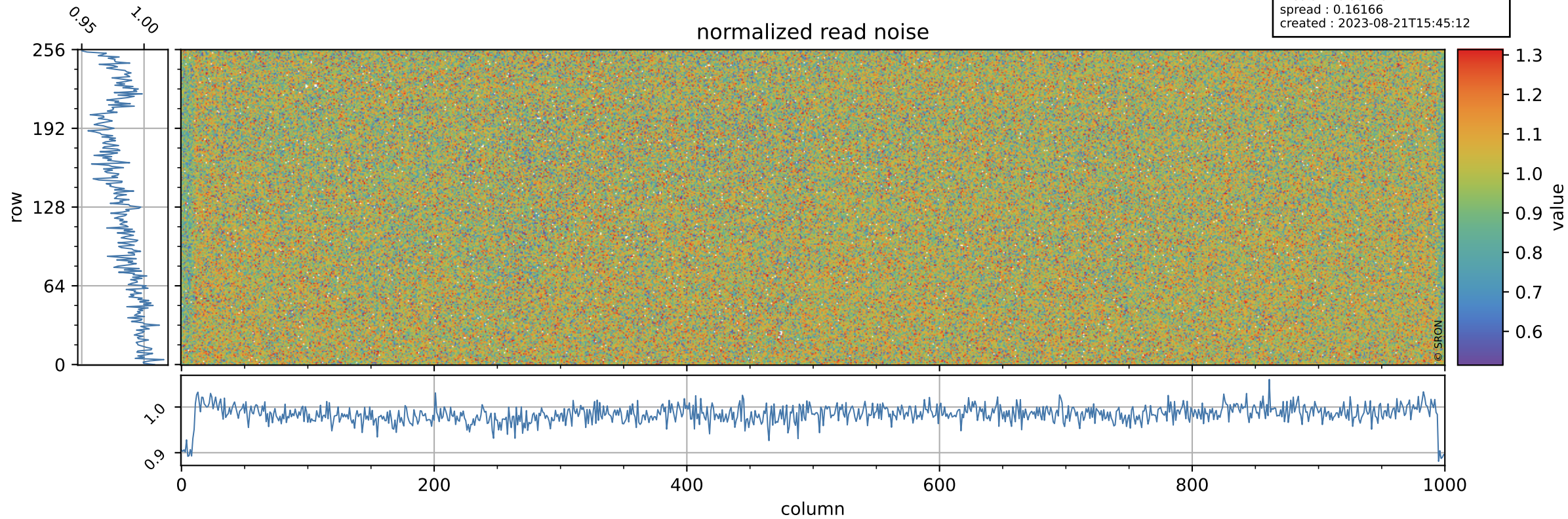
orbits : 11 in [15907, 15997]
coverage : 2020-11-08 / 2020-11-13
median : 1.1298 e
spread : 0.064261 e
created : 2023-08-21T15:45:12



Tropomi SWIR background noise (swir)

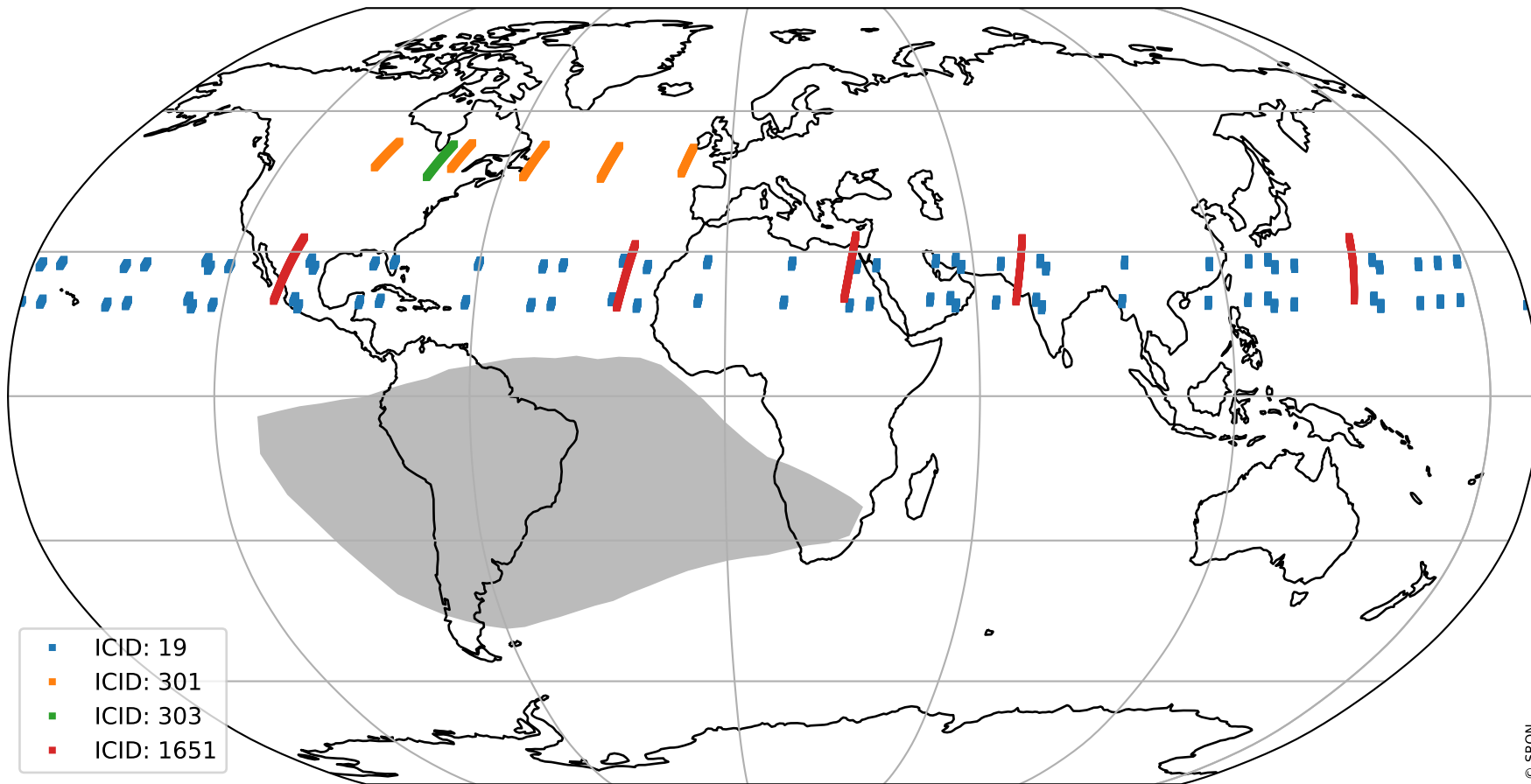
orbits : 11 in [15907, 15997]
coverage : 2020-11-08 / 2020-11-13
median : 0.98246
spread : 0.16166
created : 2023-08-21T15:45:12

normalized read noise



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

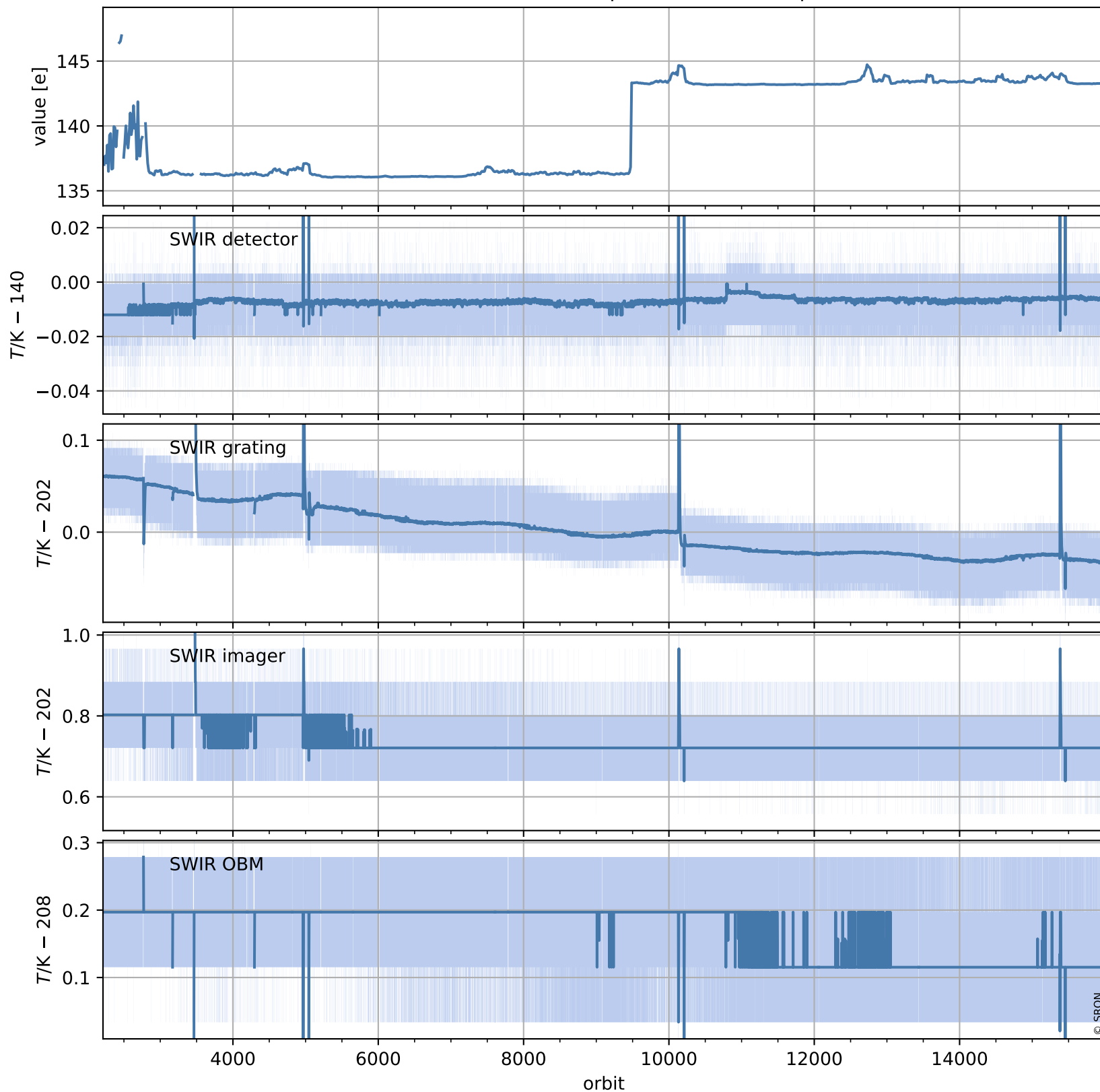
orbits : 11 in [15907, 15997]
coverage : 2020-11-08 / 2020-11-13
created : 2023-08-21T15:45:12



Tropomi SWIR background noise (swir)

orbits : [2212, 15997]
coverage : 2018-03-18 / 2020-11-13
created : 2023-08-21T15:45:12

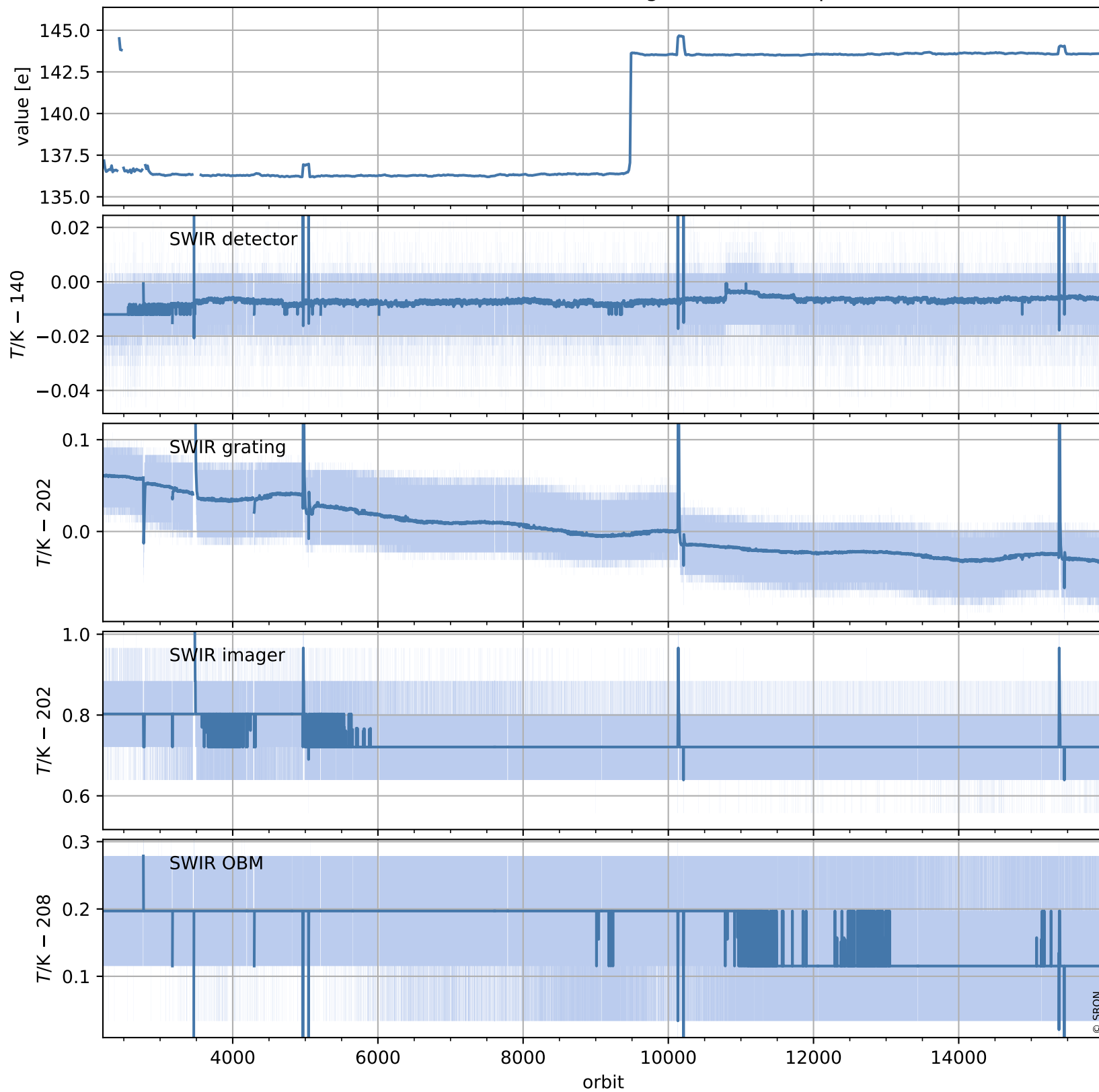
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15997]
coverage : 2018-03-18 / 2020-11-13
created : 2023-08-21T15:45:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15997]
coverage : 2018-03-18 / 2020-11-13
created : 2023-08-21T15:45:14

trend of normalized read-noise & temperatures

