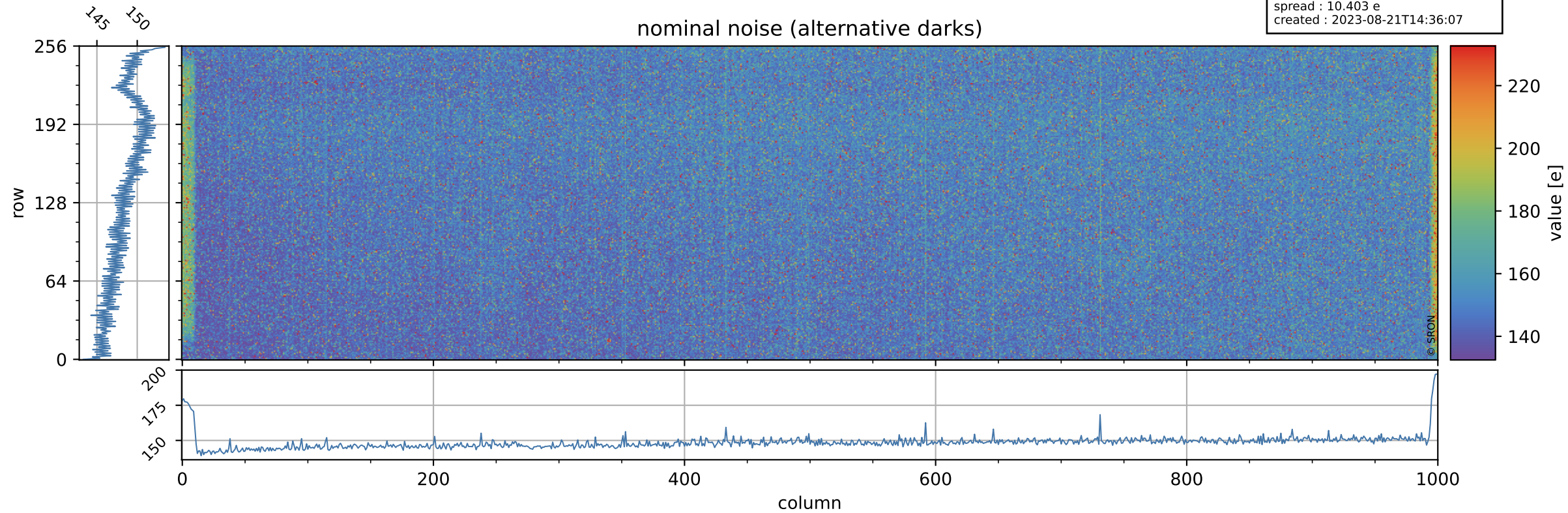


Tropomi SWIR background noise (swir)

orbits : 12 in [5467, 5557]
coverage : 2018-11-03 / 2018-11-09
n_coad, t_exp : 1, 1.0783
median : 148.36 e
spread : 10.403 e
created : 2023-08-21T14:36:07

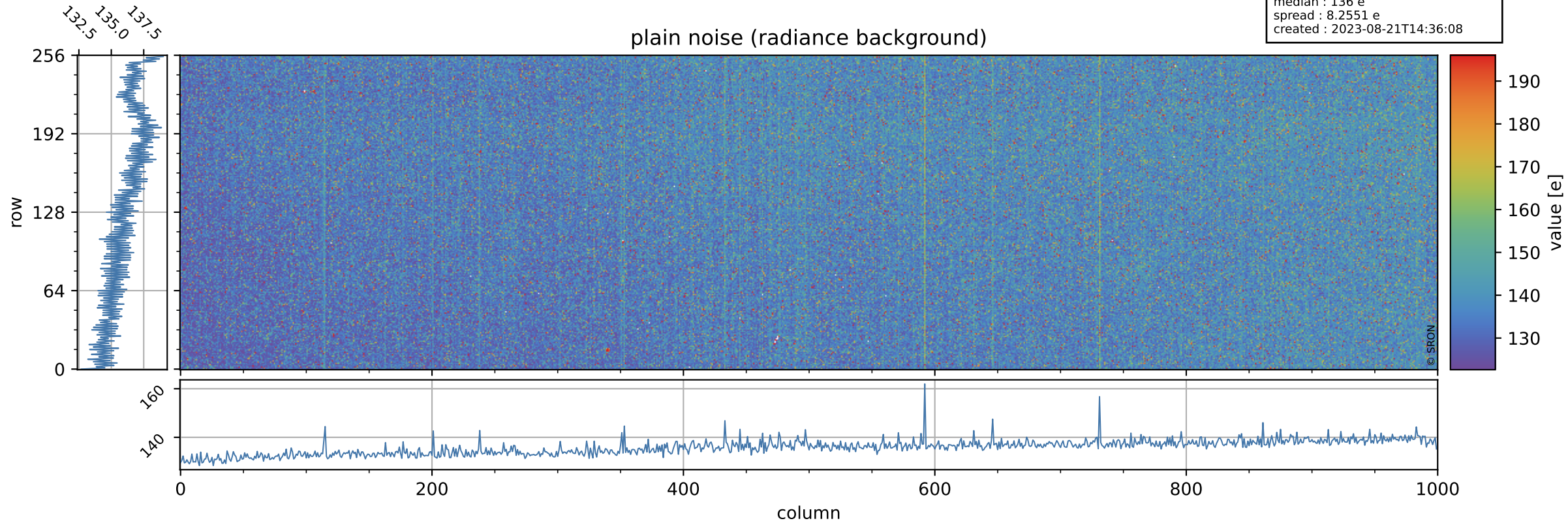
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5467, 5557]
coverage : 2018-11-03 / 2018-11-09
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2551 e
created : 2023-08-21T14:36:08

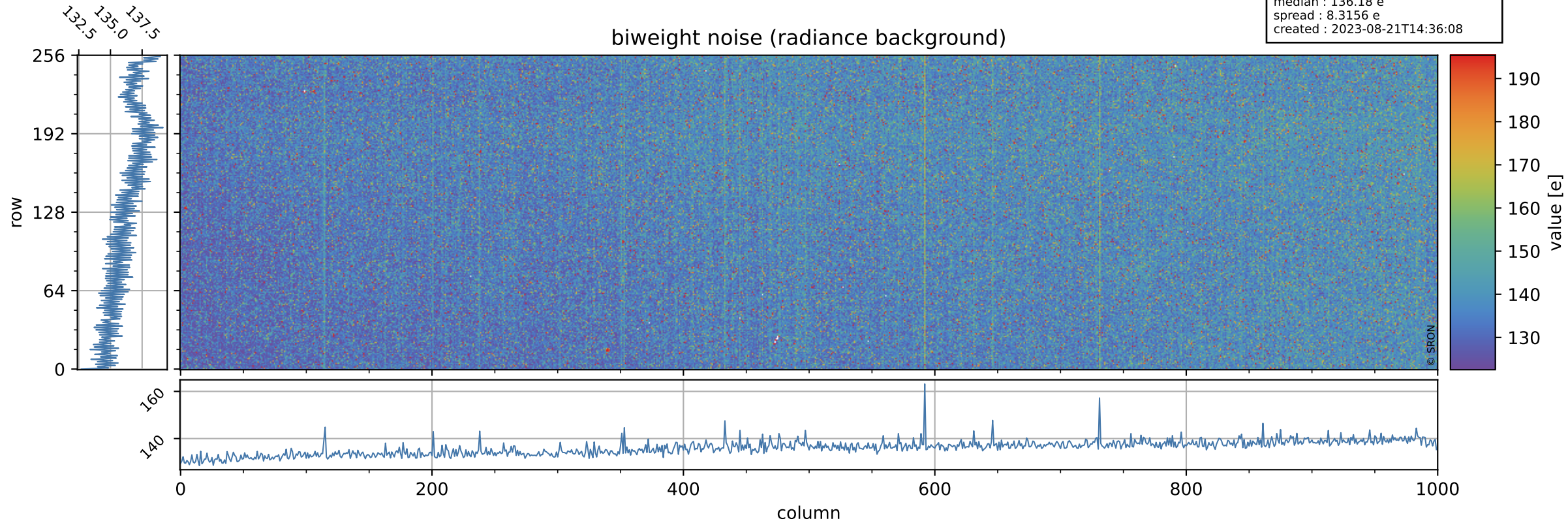
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5467, 5557]
coverage : 2018-11-03 / 2018-11-09
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.3156 e
created : 2023-08-21T14:36:08

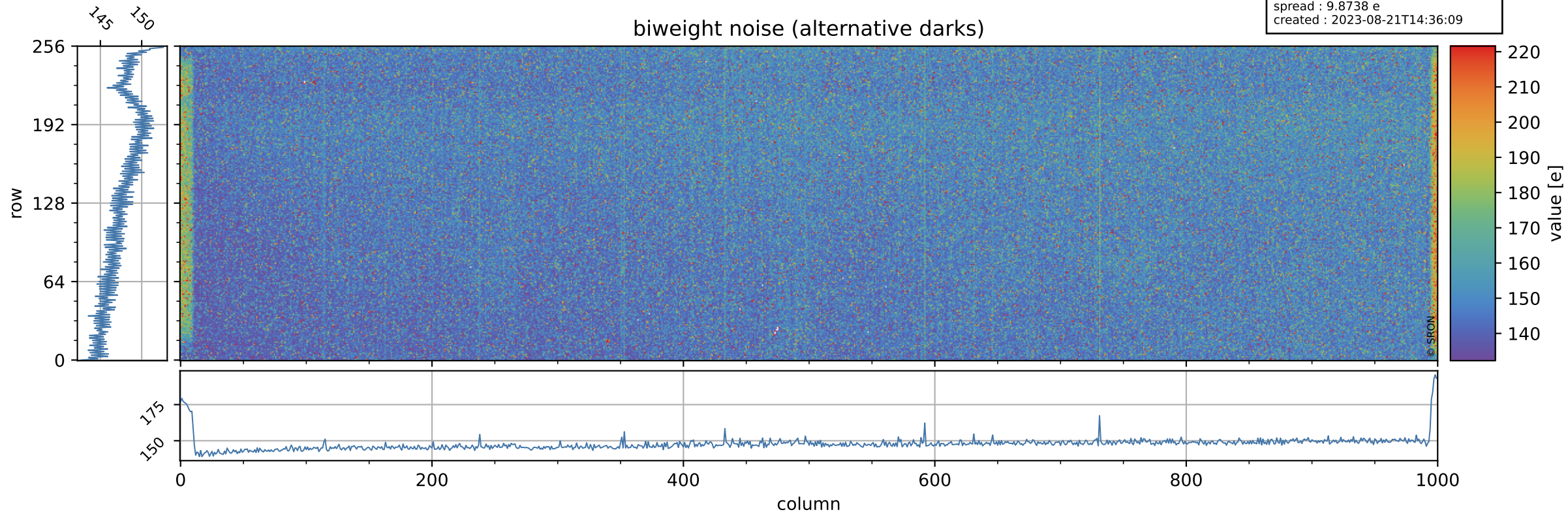
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5467, 5557]
coverage : 2018-11-03 / 2018-11-09
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.8738 e
created : 2023-08-21T14:36:09

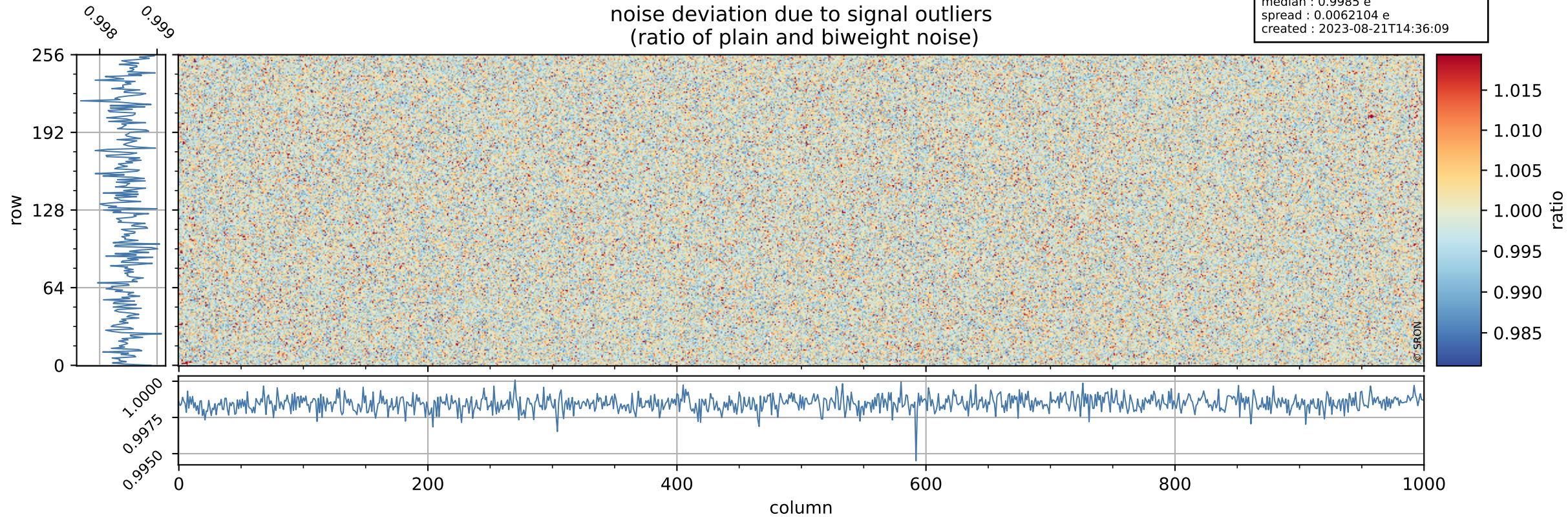
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

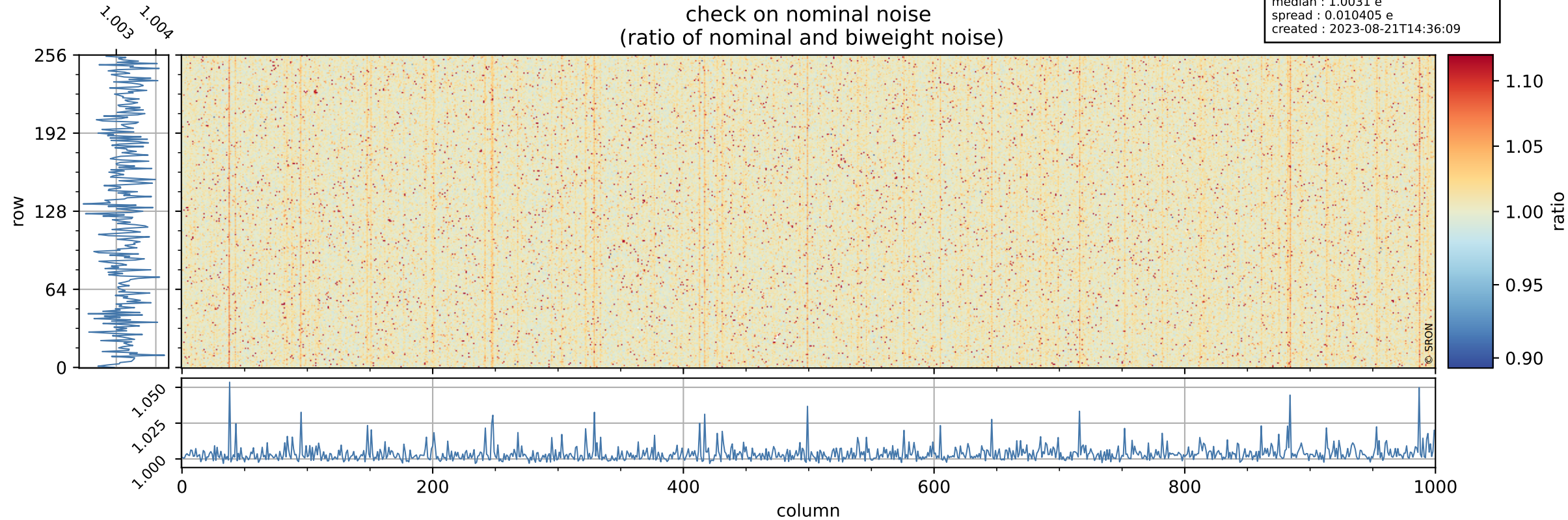
orbits : 12 in [5467, 5557]
coverage : 2018-11-03 / 2018-11-09
median : 0.9985 e
spread : 0.0062104 e
created : 2023-08-21T14:36:09



Tropomi SWIR background noise (swir)

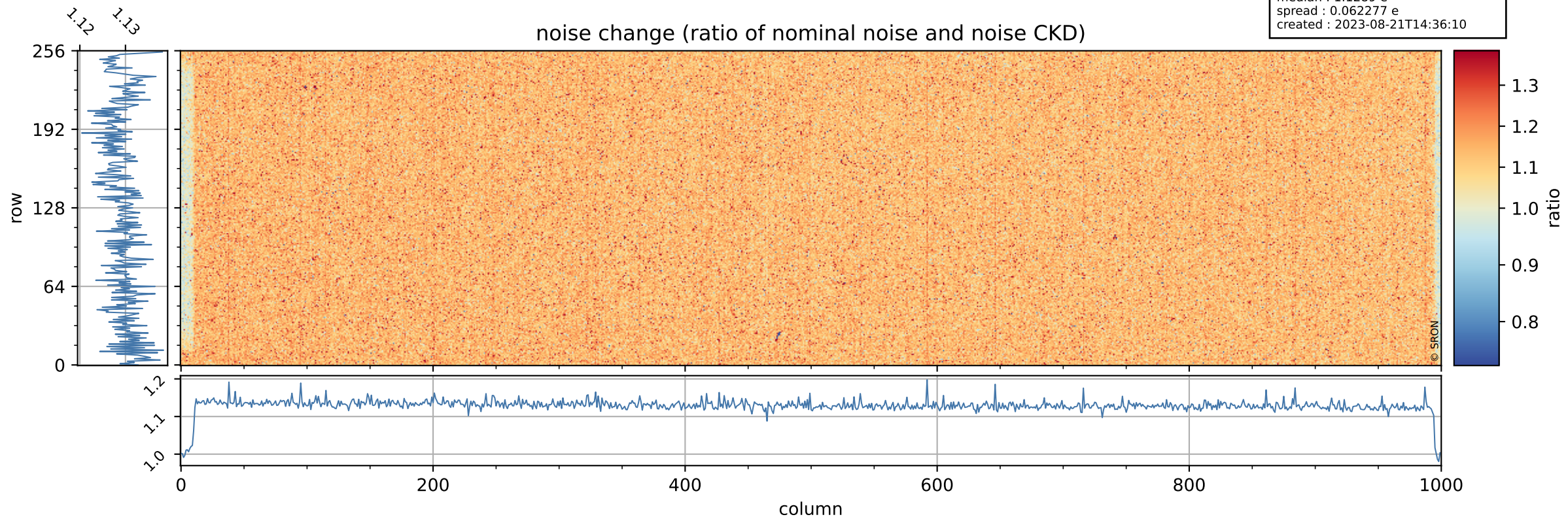
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5467, 5557]
coverage : 2018-11-03 / 2018-11-09
median : 1.0031 e
spread : 0.010405 e
created : 2023-08-21T14:36:09



Tropomi SWIR background noise (swir)

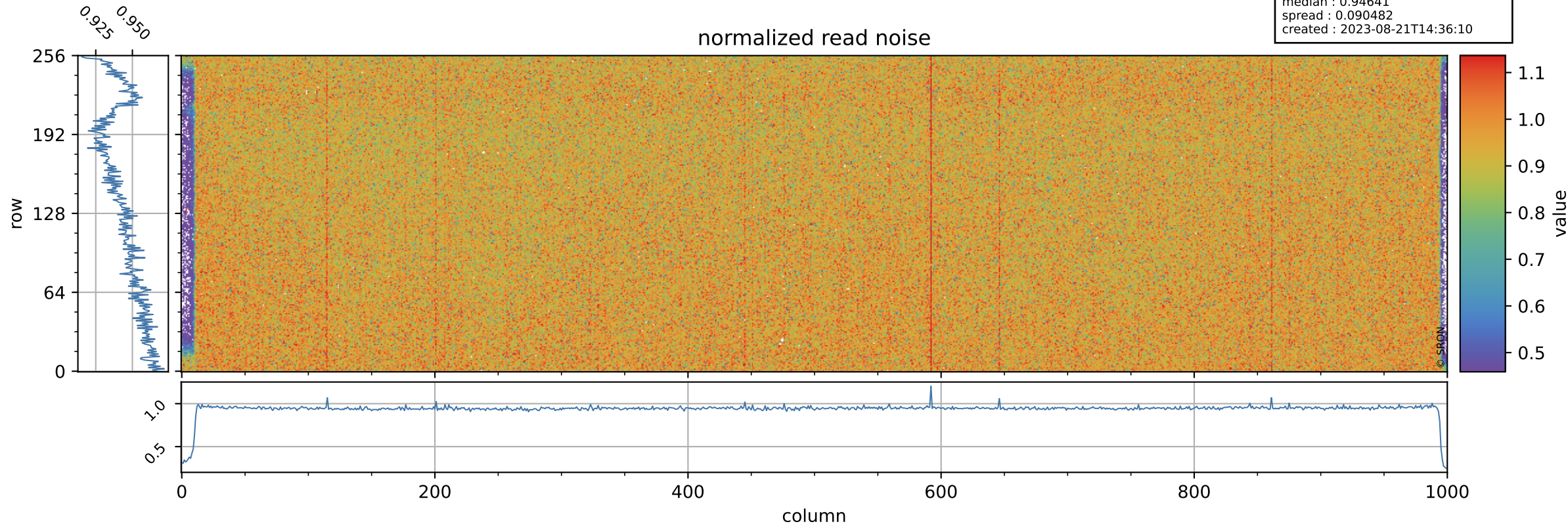
orbits : 12 in [5467, 5557]
coverage : 2018-11-03 / 2018-11-09
median : 1.1289 e
spread : 0.062277 e
created : 2023-08-21T14:36:10



Tropomi SWIR background noise (swir)

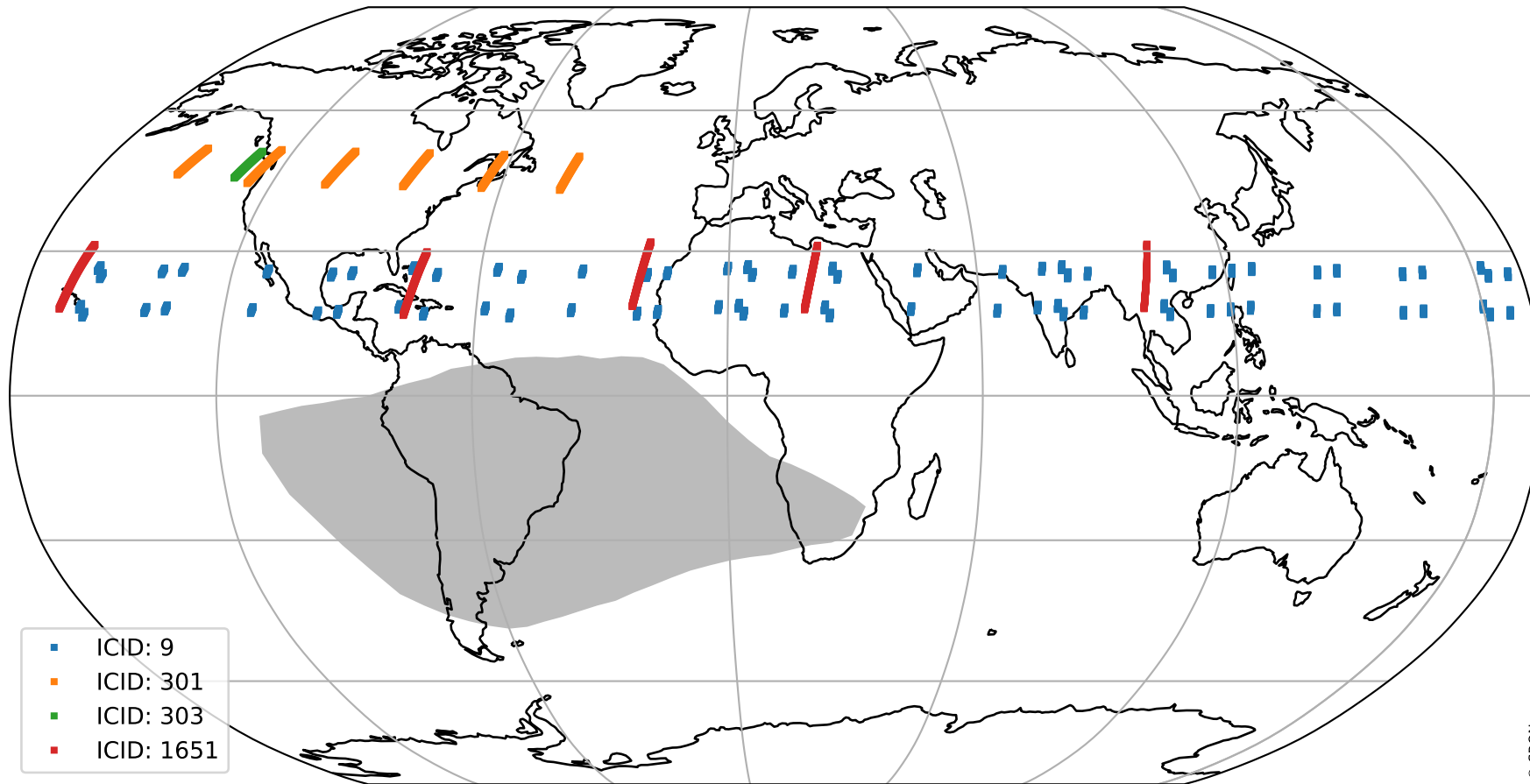
orbits : 12 in [5467, 5557]
coverage : 2018-11-03 / 2018-11-09
median : 0.94641
spread : 0.090482
created : 2023-08-21T14:36:10

normalized read noise



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

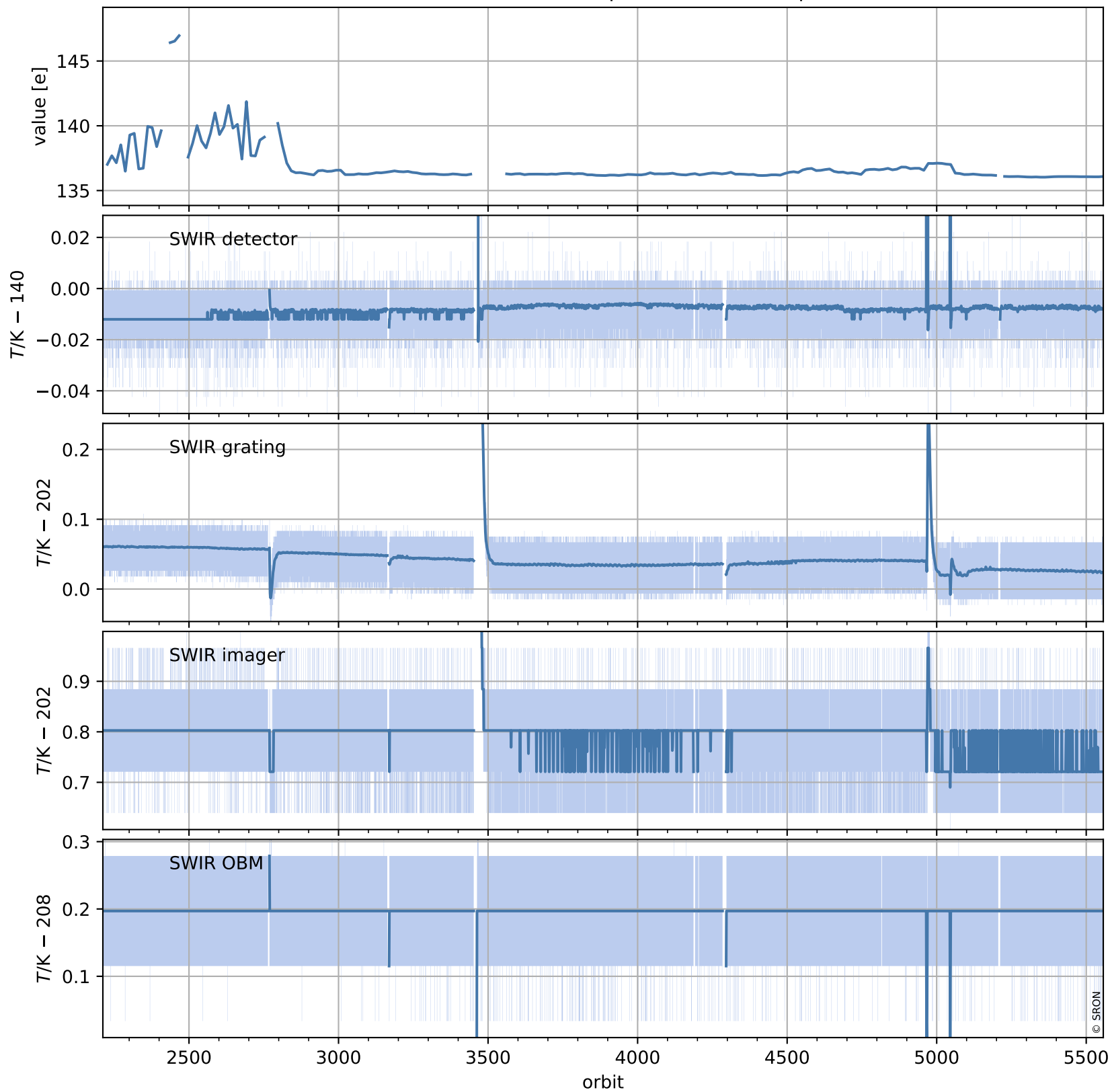
orbits : 12 in [5467, 5557]
coverage : 2018-11-03 / 2018-11-09
created : 2023-08-21T14:36:11



Tropomi SWIR background noise (swir)

orbits : [2212, 5557]
coverage : 2018-03-18 / 2018-11-09
created : 2023-08-21T14:36:11

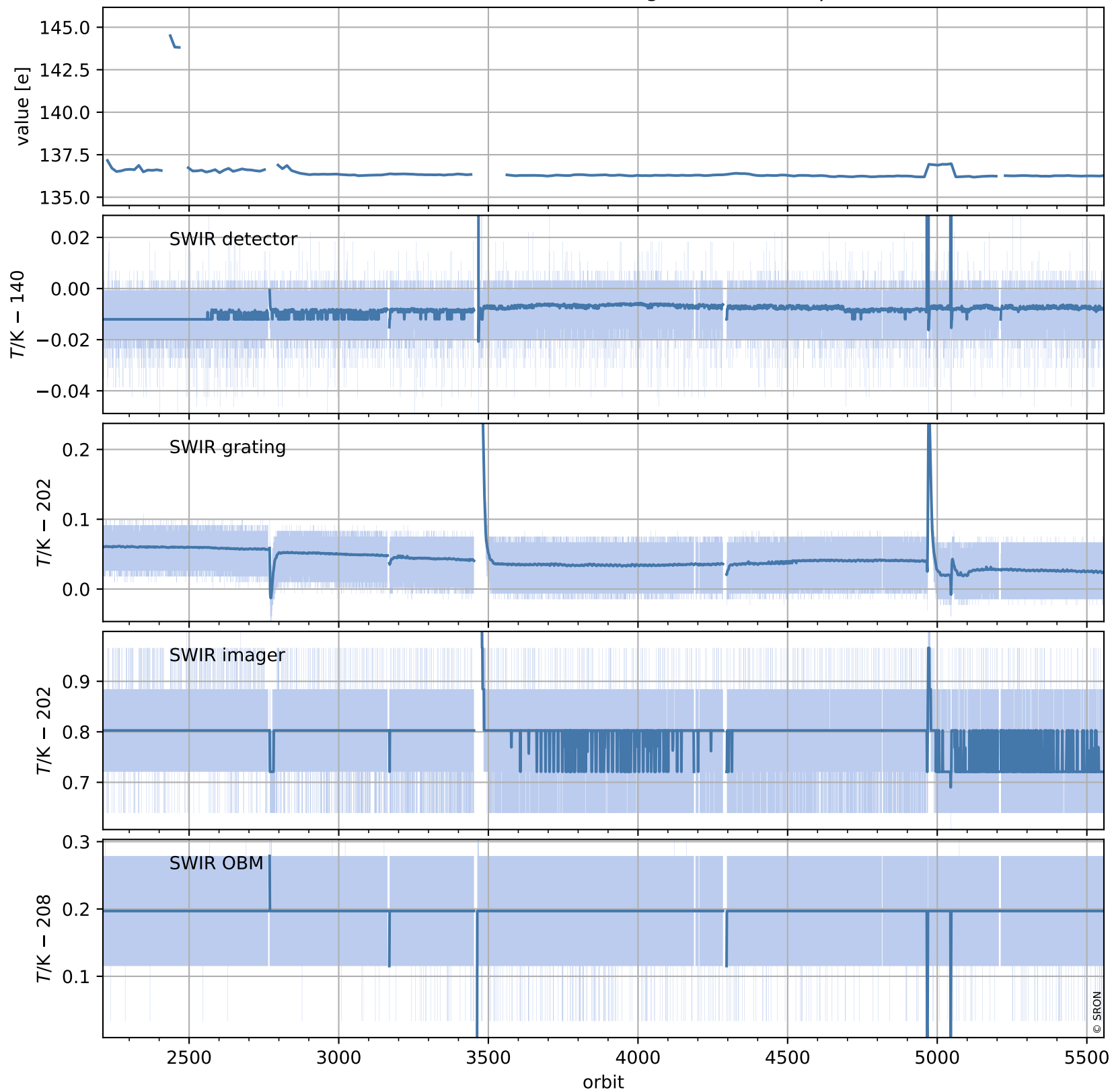
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5557]
coverage : 2018-03-18 / 2018-11-09
created : 2023-08-21T14:36:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5557]
coverage : 2018-03-18 / 2018-11-09
created : 2023-08-21T14:36:13

trend of normalized read-noise & temperatures

