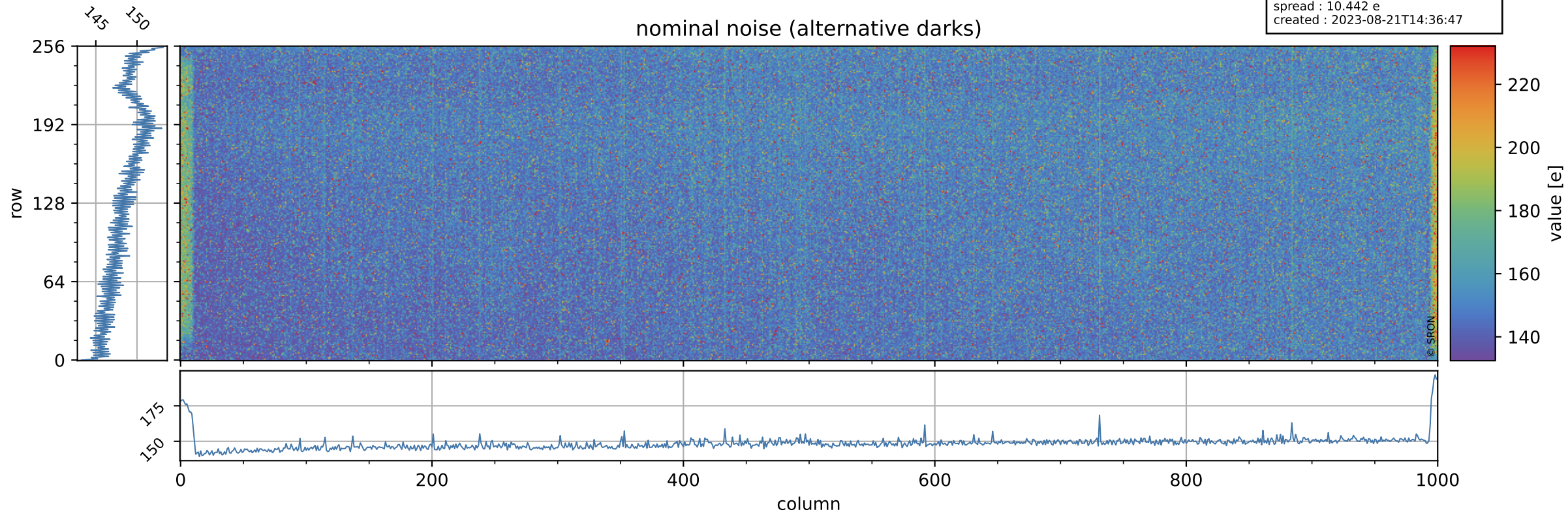


Tropomi SWIR background noise (swir)

orbits : 12 in [5557, 5647]
coverage : 2018-11-09 / 2018-11-15
n_coad, t_exp : 1, 1.0783
median : 148.35 e
spread : 10.442 e
created : 2023-08-21T14:36:47

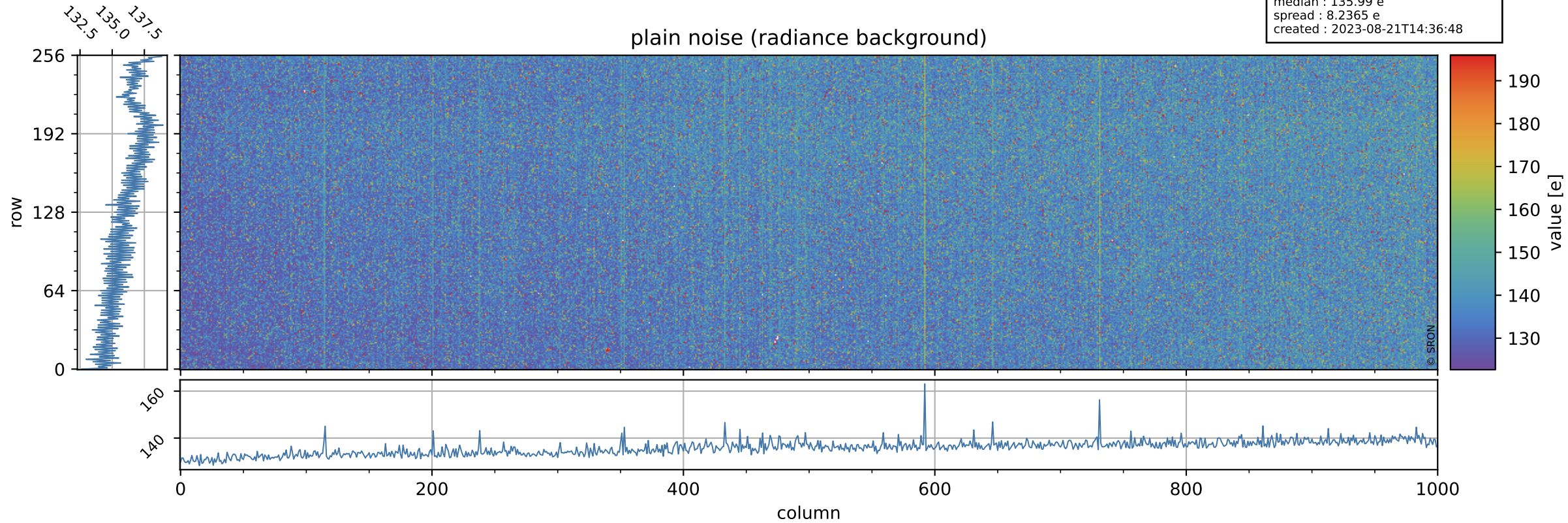
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5557, 5647]
coverage : 2018-11-09 / 2018-11-15
n_coad, t_exp : 2, 0.5383
median : 135.99 e
spread : 8.2365 e
created : 2023-08-21T14:36:48

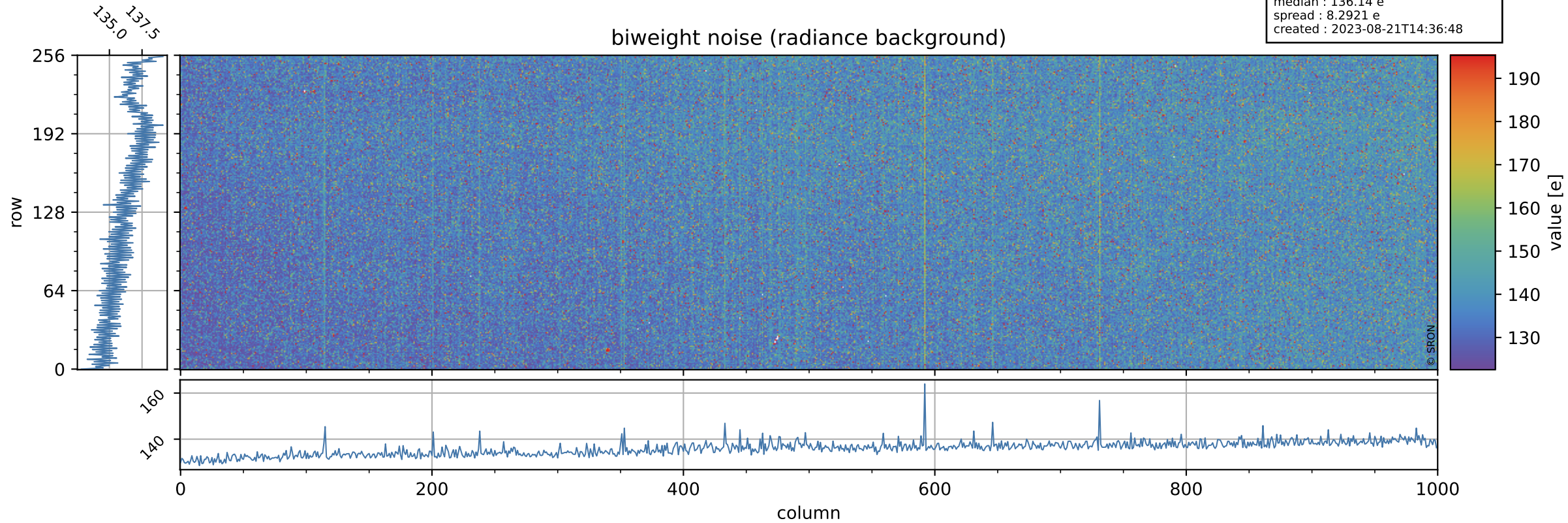
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5557, 5647]
coverage : 2018-11-09 / 2018-11-15
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.2921 e
created : 2023-08-21T14:36:48

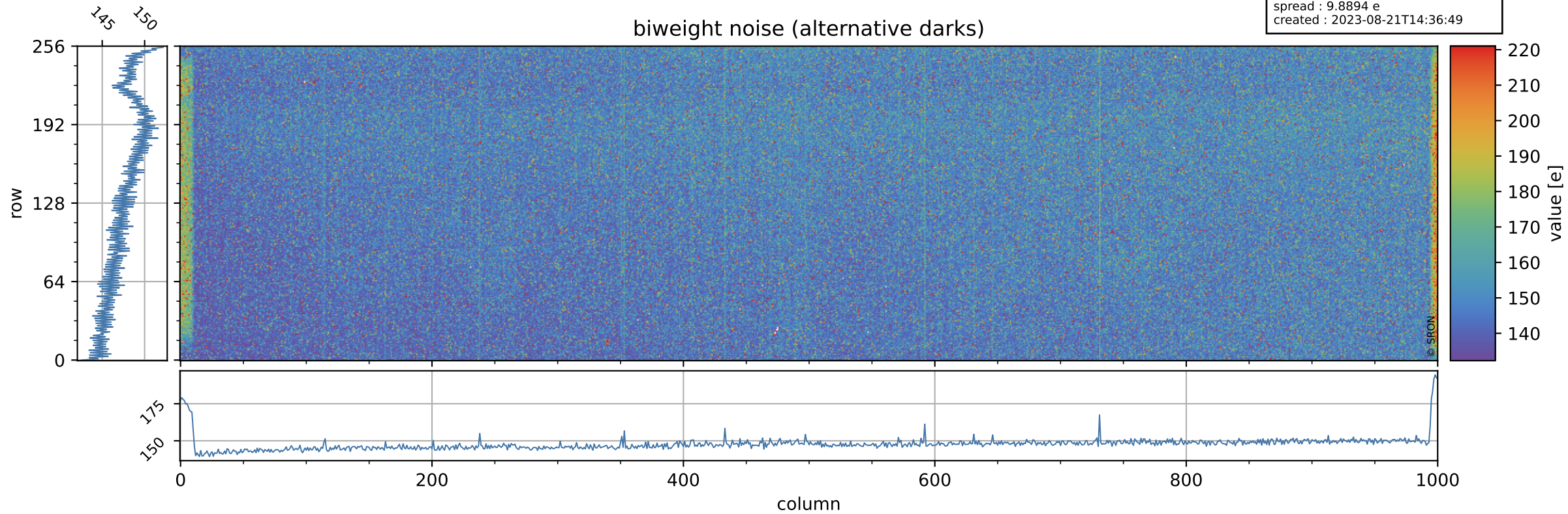
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5557, 5647]
coverage : 2018-11-09 / 2018-11-15
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.8894 e
created : 2023-08-21T14:36:49

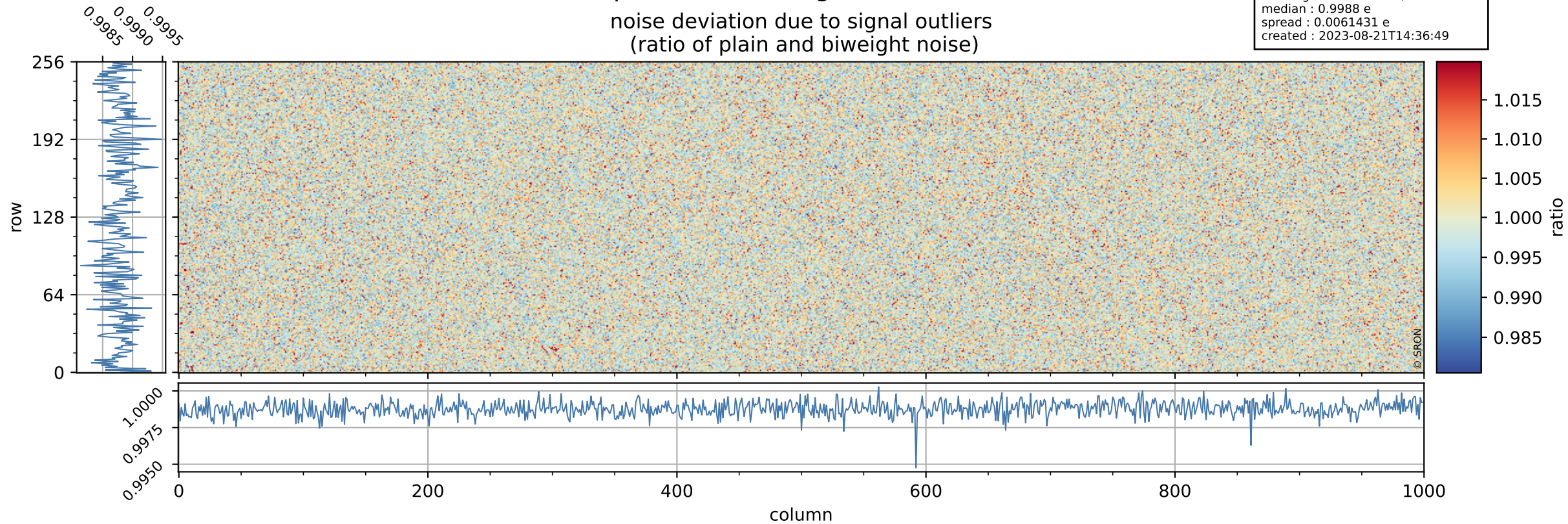
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

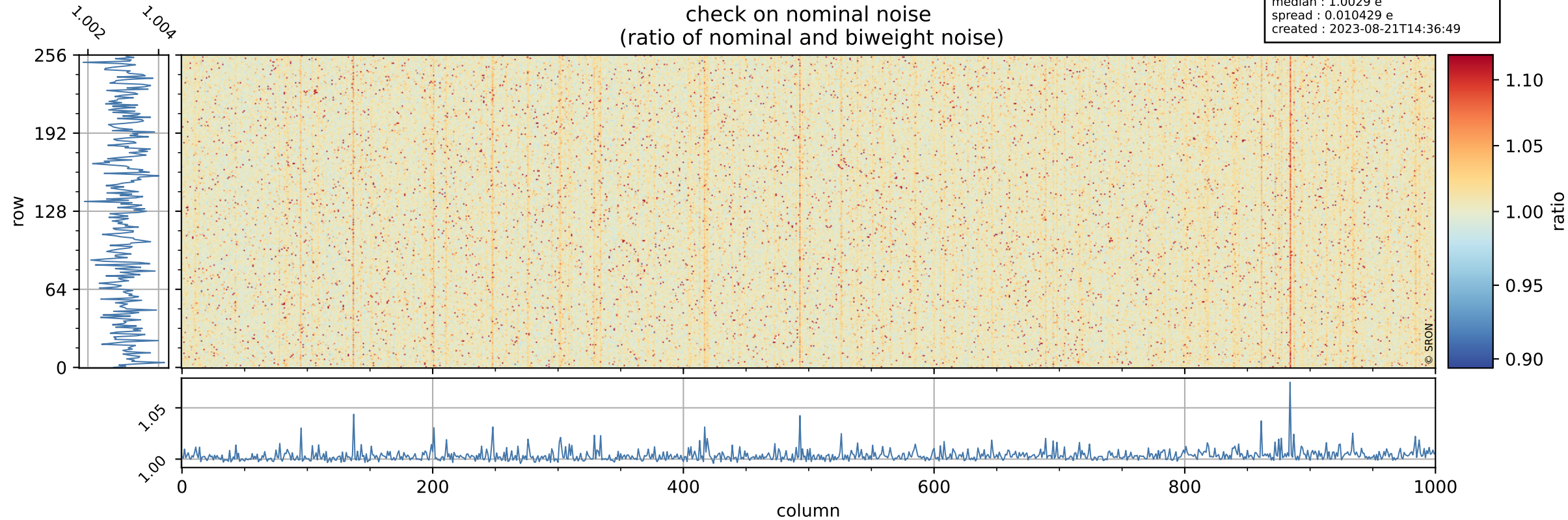
orbits : 12 in [5557, 5647]
coverage : 2018-11-09 / 2018-11-15
median : 0.9988 e
spread : 0.0061431 e
created : 2023-08-21T14:36:49



Tropomi SWIR background noise (swir)

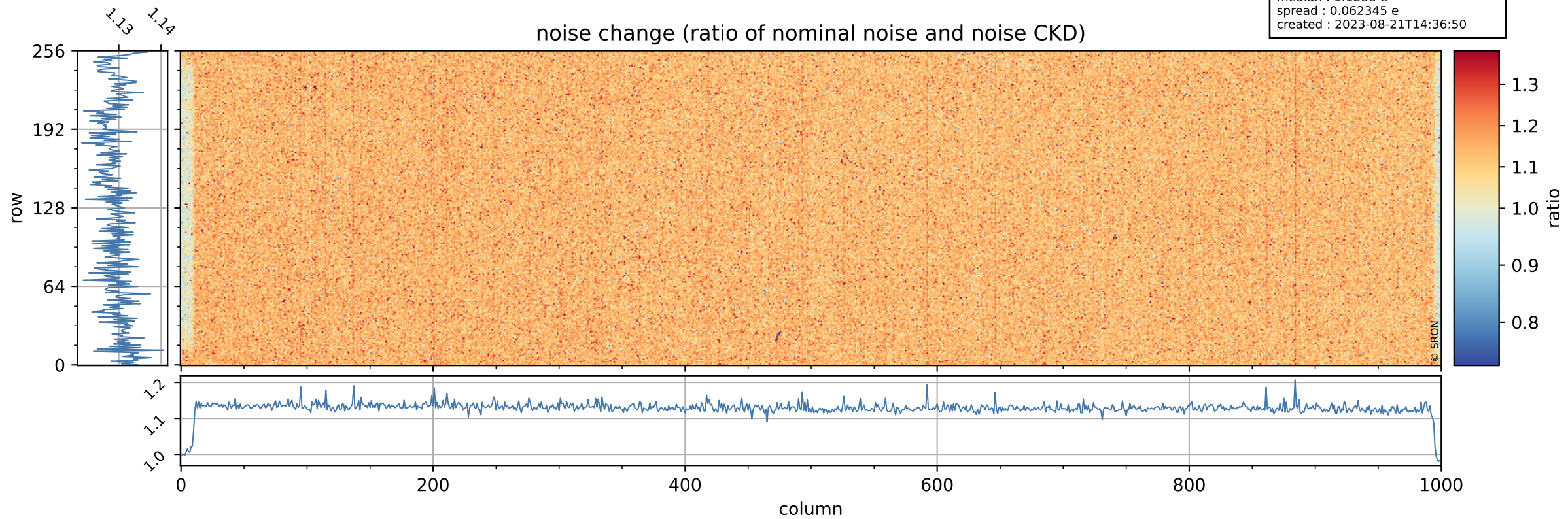
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5557, 5647]
coverage : 2018-11-09 / 2018-11-15
median : 1.0029 e
spread : 0.010429 e
created : 2023-08-21T14:36:49



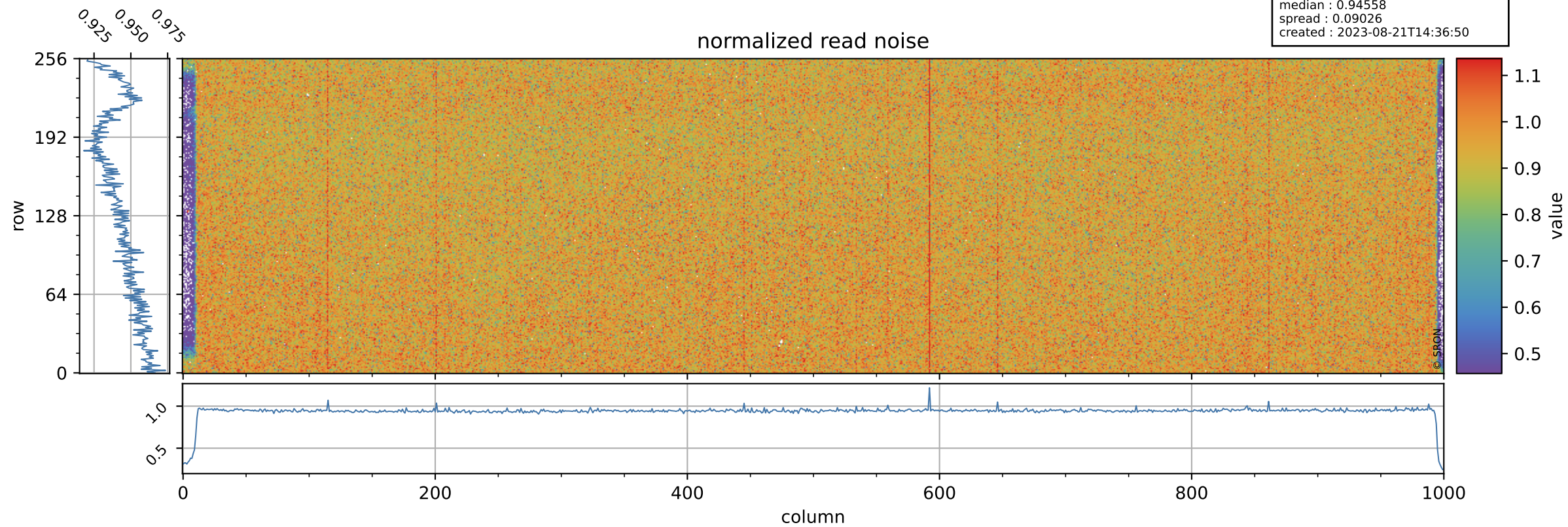
Tropomi SWIR background noise (swir)

orbits : 12 in [5557, 5647]
coverage : 2018-11-09 / 2018-11-15
median : 1.1288 e
spread : 0.062345 e
created : 2023-08-21T14:36:50



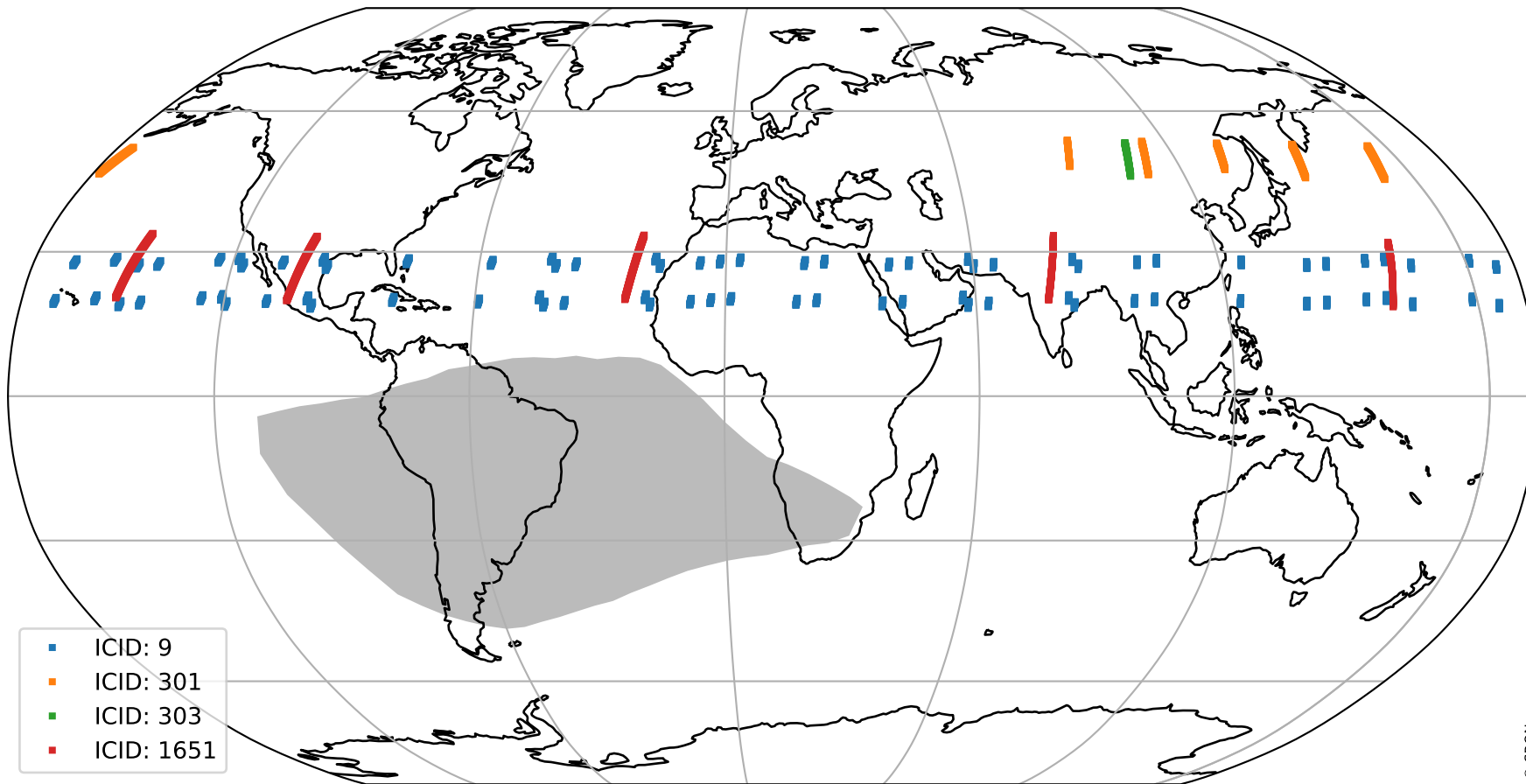
Tropomi SWIR background noise (swir)

orbits : 12 in [5557, 5647]
coverage : 2018-11-09 / 2018-11-15
median : 0.94558
spread : 0.09026
created : 2023-08-21T14:36:50



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

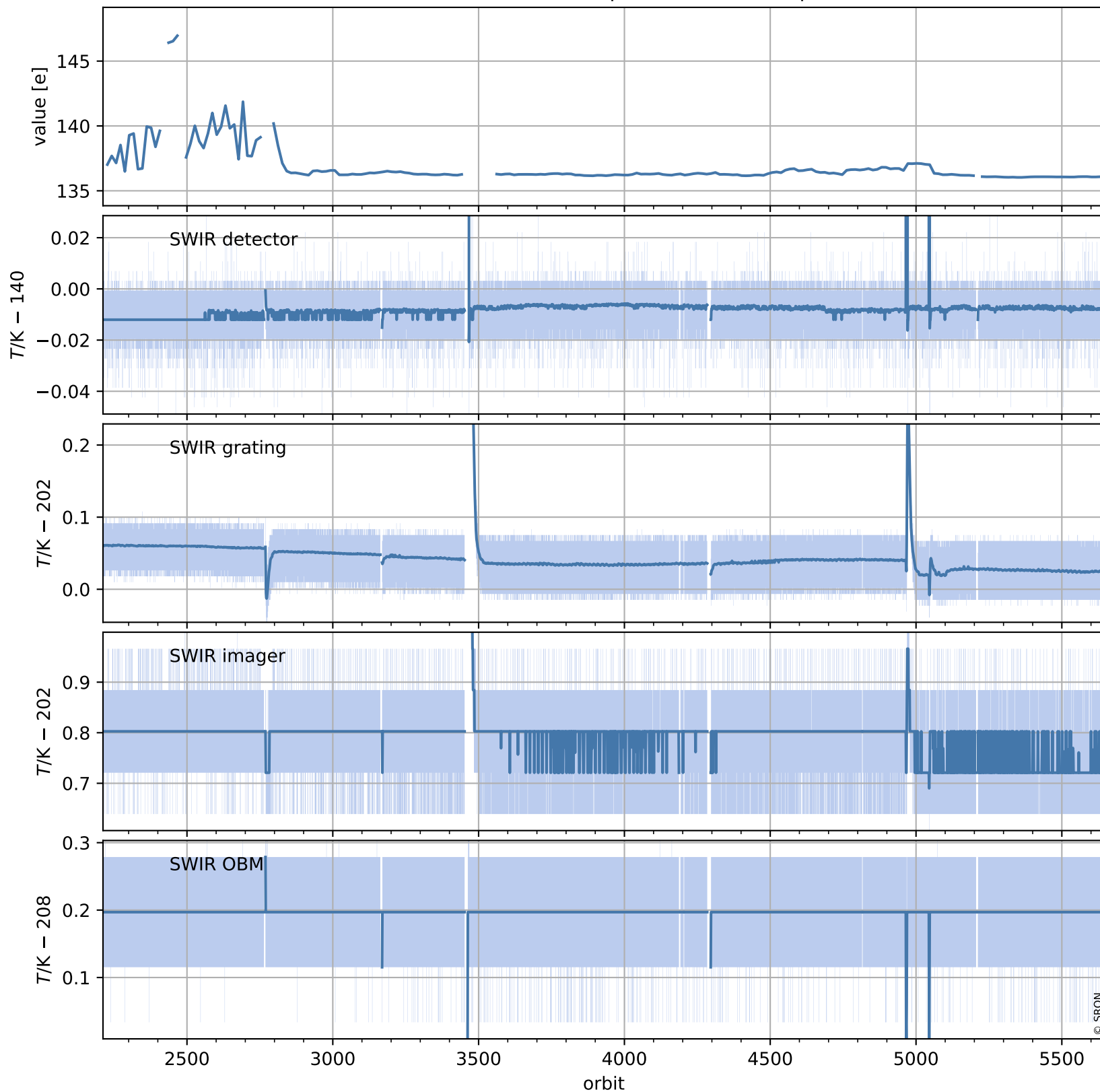
orbits : 12 in [5557, 5647]
coverage : 2018-11-09 / 2018-11-15
created : 2023-08-21T14:36:51



Tropomi SWIR background noise (swir)

orbits : [2212, 5647]
coverage : 2018-03-18 / 2018-11-15
created : 2023-08-21T14:36:51

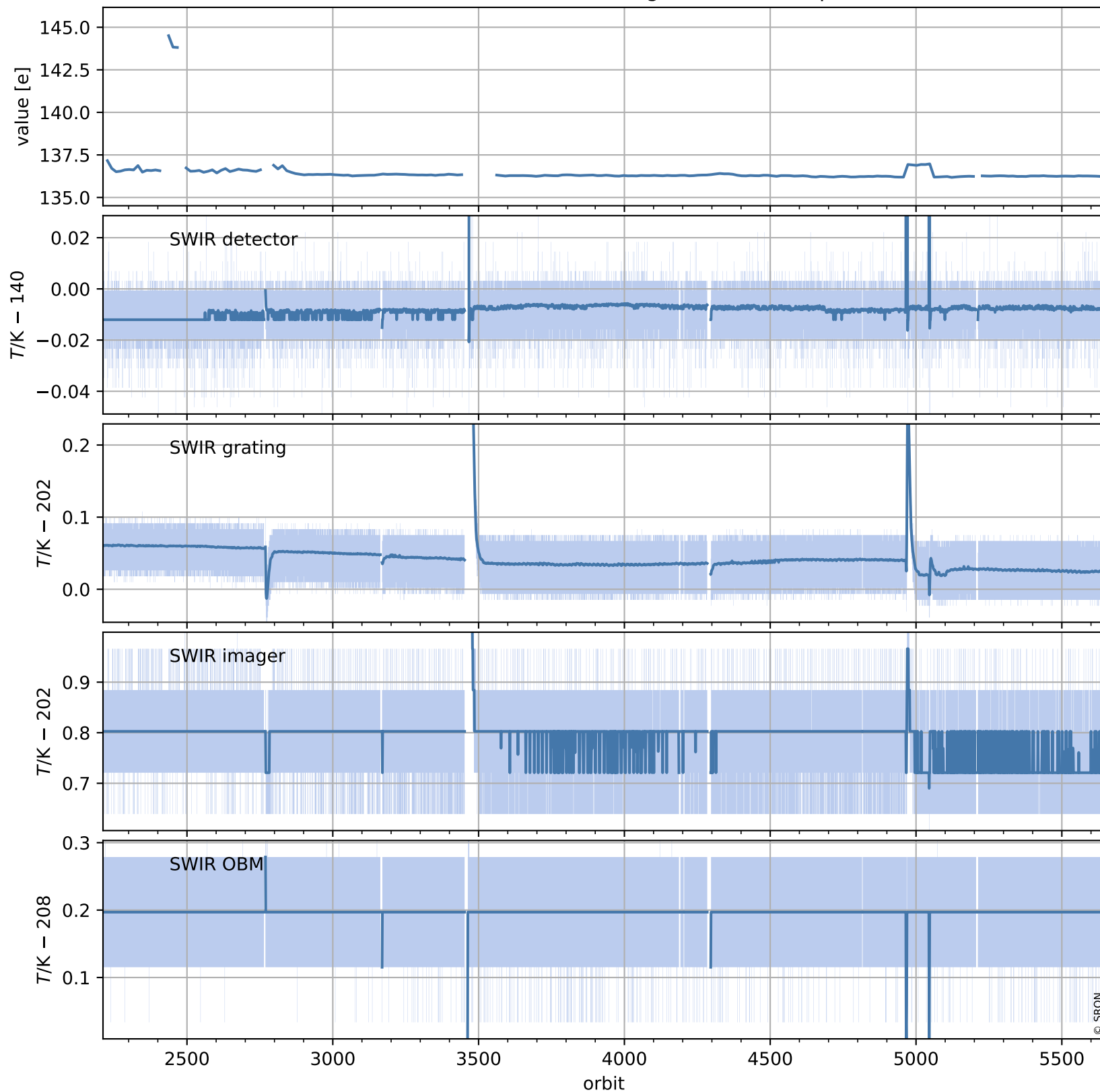
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5647]
coverage : 2018-03-18 / 2018-11-15
created : 2023-08-21T14:36:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5647]
coverage : 2018-03-18 / 2018-11-15
created : 2023-08-21T14:36:53

trend of normalized read-noise & temperatures

