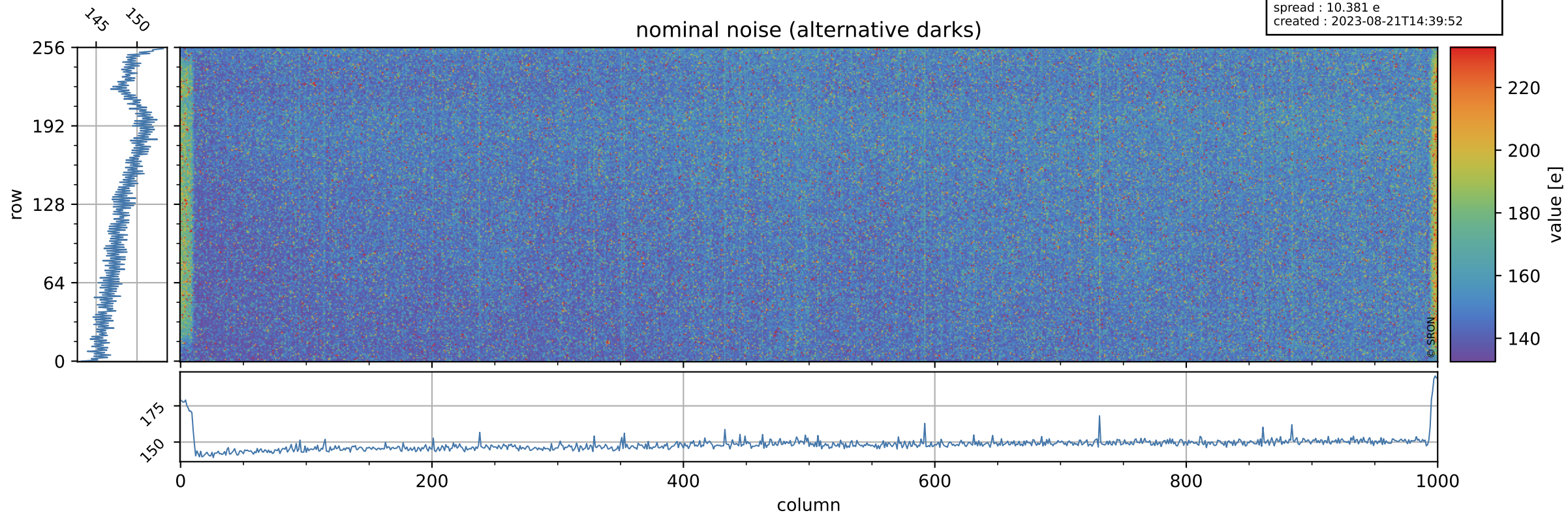


Tropomi SWIR background noise (swir)

orbits : 13 in [6022, 6112]
coverage : 2018-12-12 / 2018-12-17
n_coad, t_exp : 1, 1.0783
median : 148.27 e
spread : 10.381 e
created : 2023-08-21T14:39:52

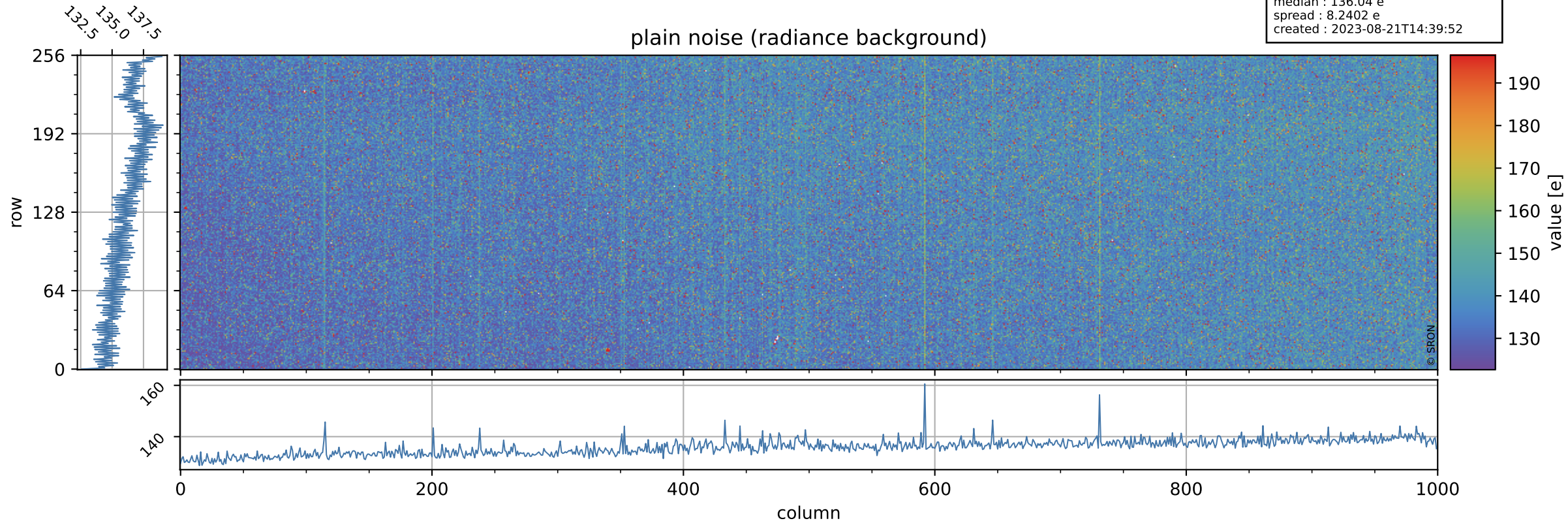
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [6022, 6112]
coverage : 2018-12-12 / 2018-12-17
n_coad, t_exp : 2, 0.5383
median : 136.04 e
spread : 8.2402 e
created : 2023-08-21T14:39:52

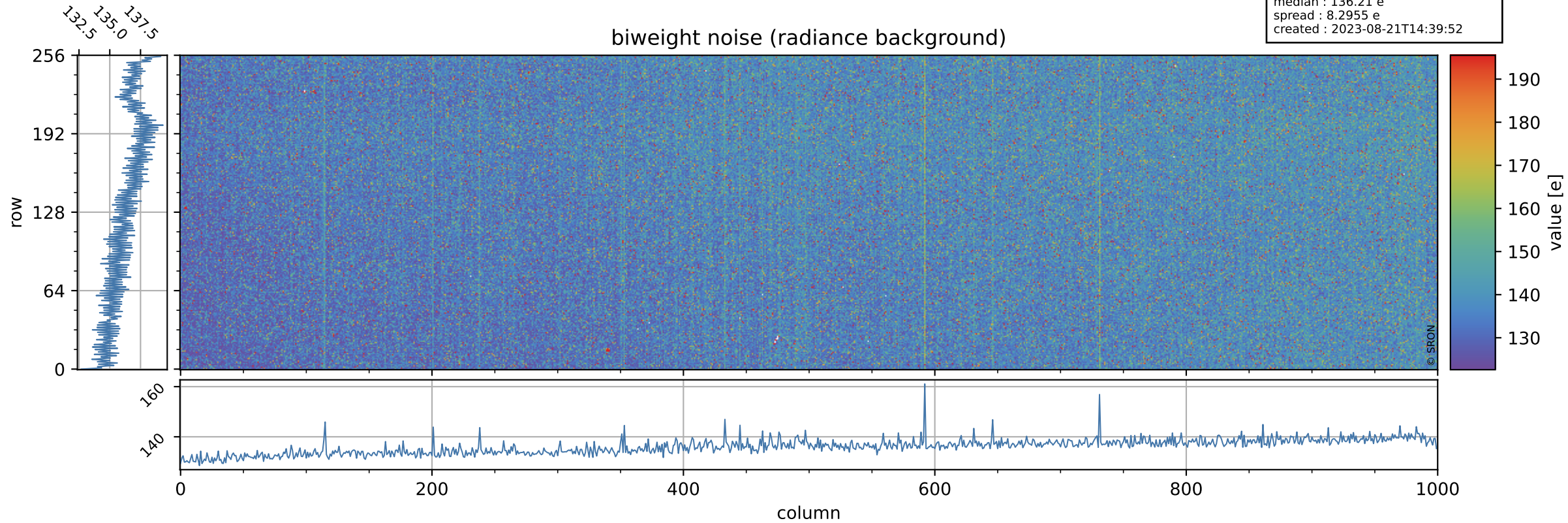
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6022, 6112]
coverage : 2018-12-12 / 2018-12-17
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.2955 e
created : 2023-08-21T14:39:52

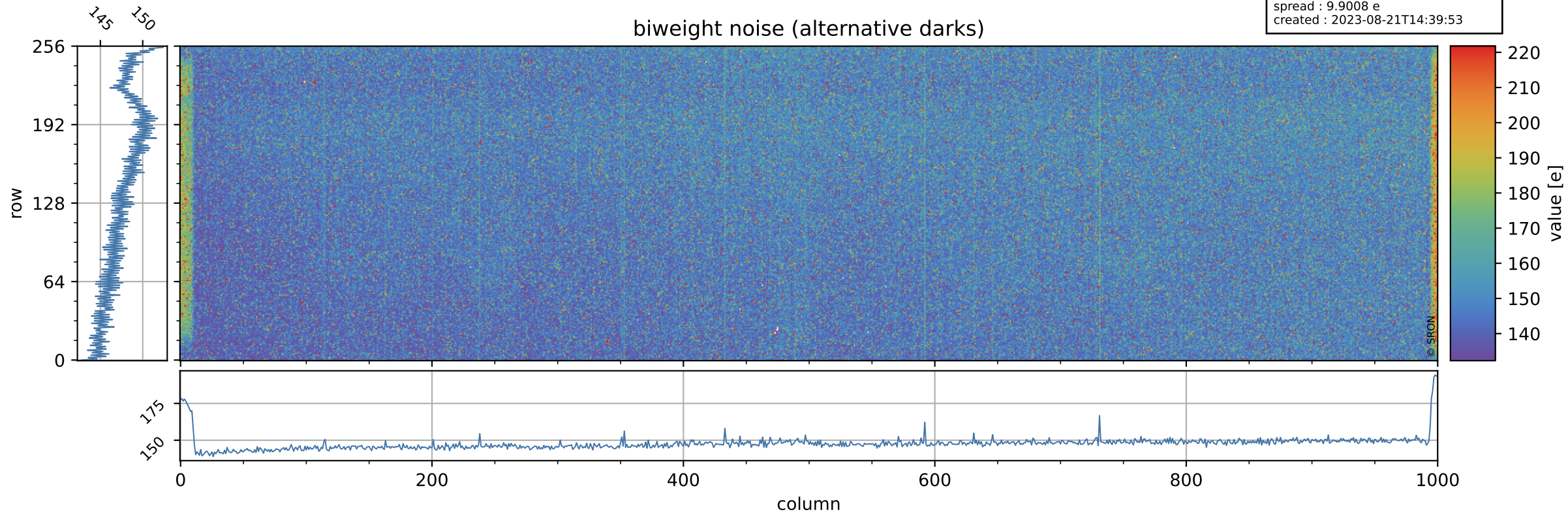
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6022, 6112]
coverage : 2018-12-12 / 2018-12-17
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.9008 e
created : 2023-08-21T14:39:53

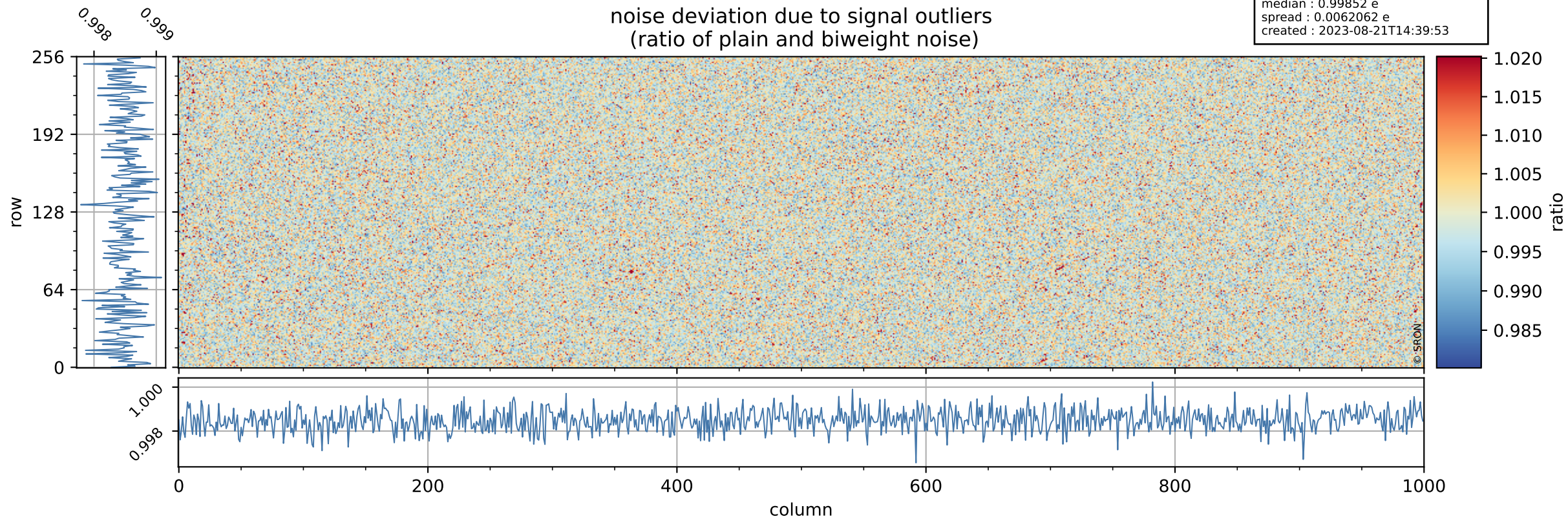
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

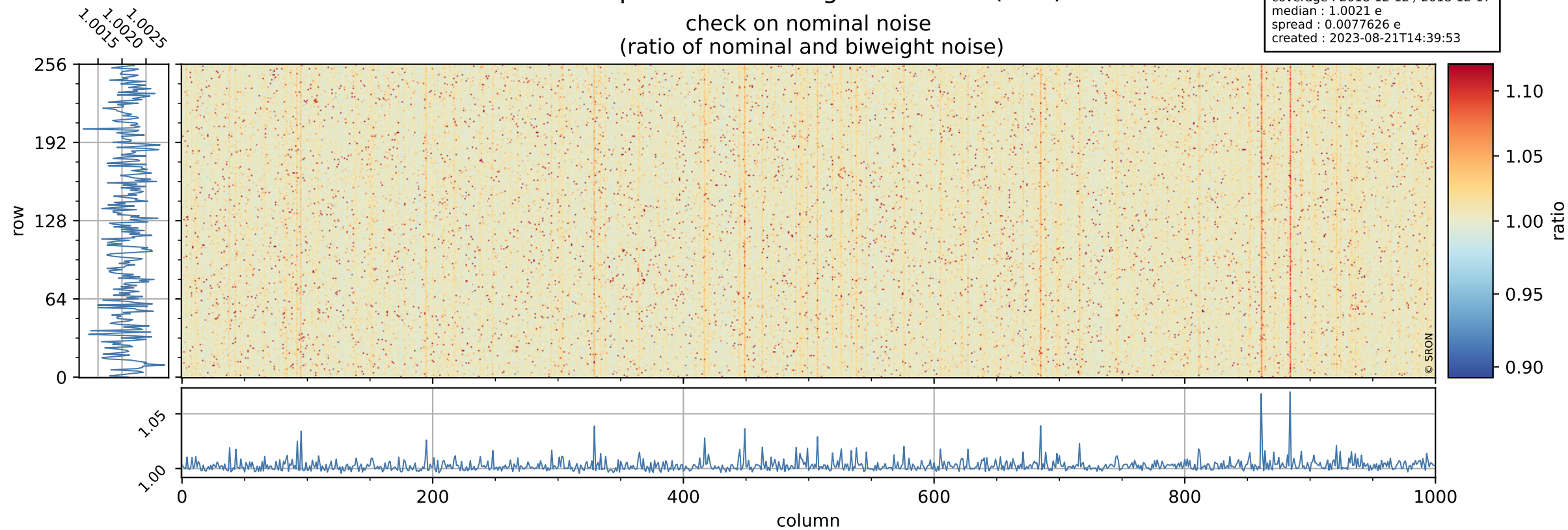
orbits : 13 in [6022, 6112]
coverage : 2018-12-12 / 2018-12-17
median : 0.99852 e
spread : 0.0062062 e
created : 2023-08-21T14:39:53



Tropomi SWIR background noise (swir)

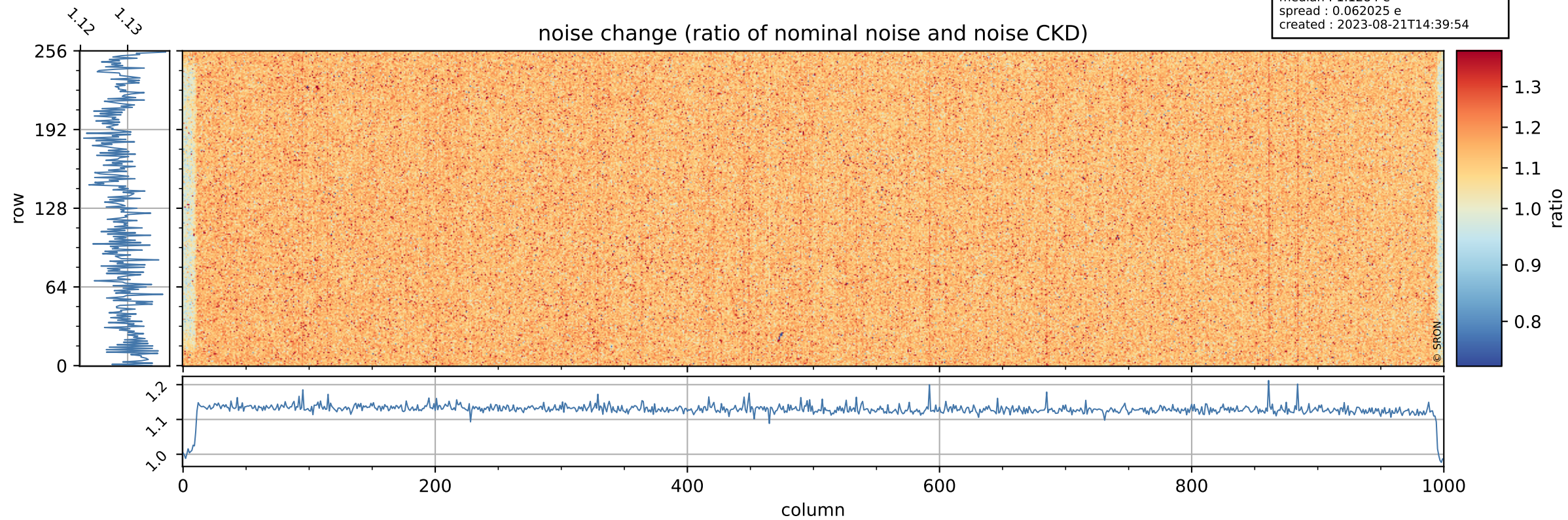
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [6022, 6112]
coverage : 2018-12-12 / 2018-12-17
median : 1.0021 e
spread : 0.0077626 e
created : 2023-08-21T14:39:53



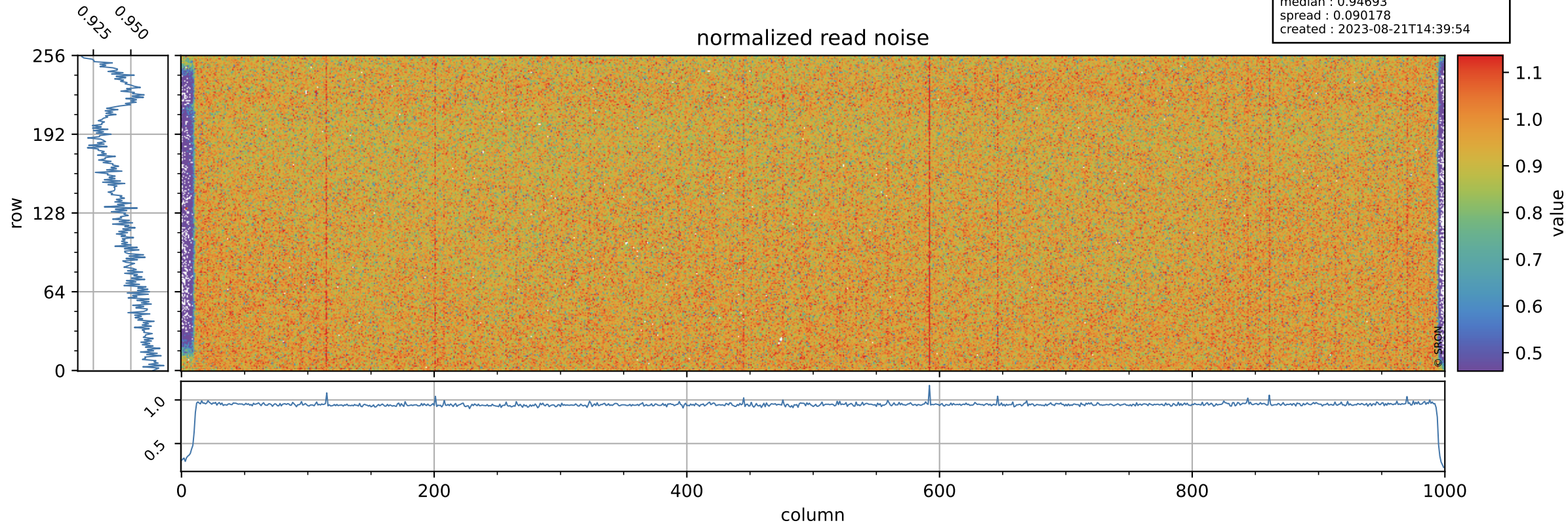
Tropomi SWIR background noise (swir)

orbits : 13 in [6022, 6112]
coverage : 2018-12-12 / 2018-12-17
median : 1.1284 e
spread : 0.062025 e
created : 2023-08-21T14:39:54



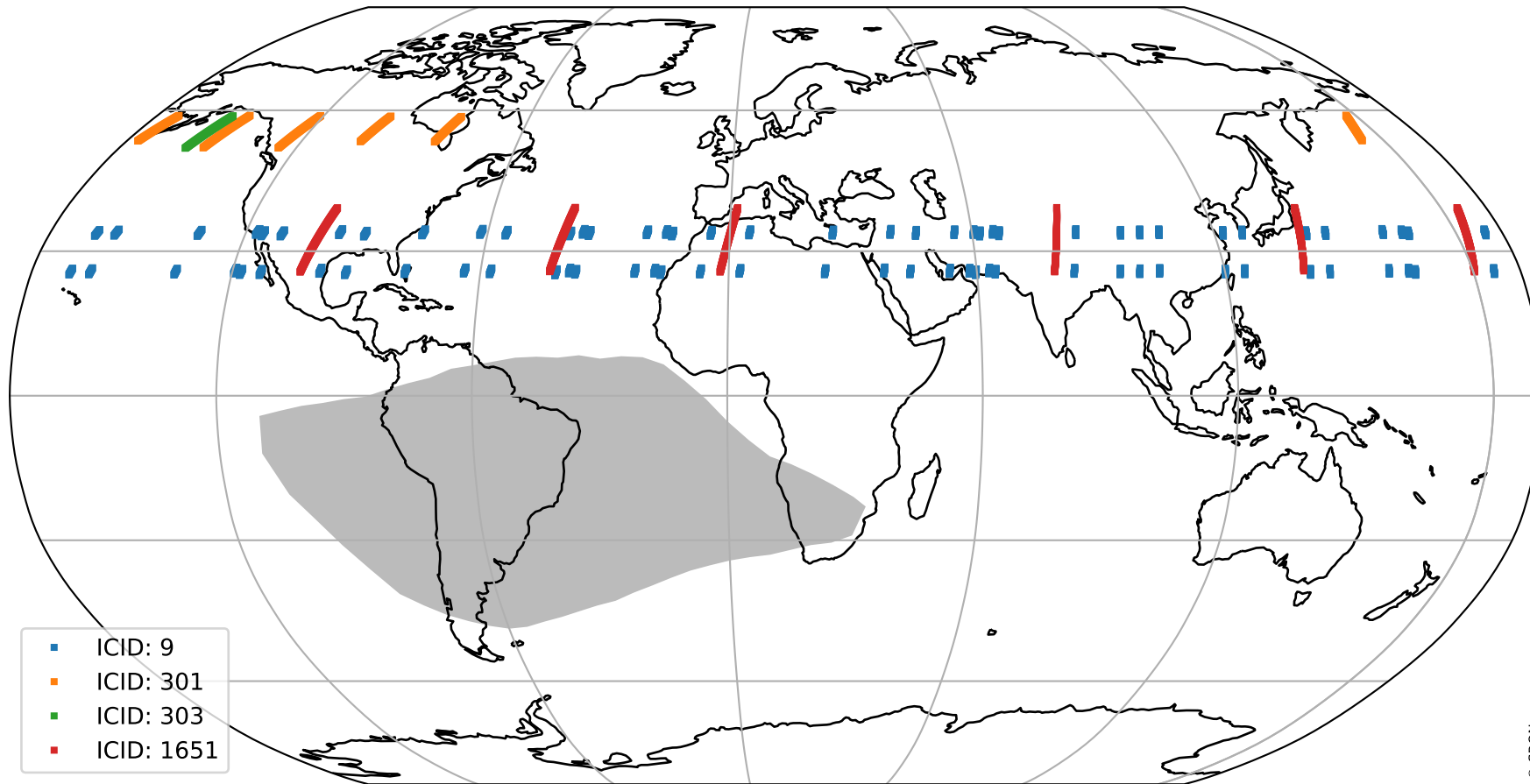
Tropomi SWIR background noise (swir)

orbits : 13 in [6022, 6112]
coverage : 2018-12-12 / 2018-12-17
median : 0.94693
spread : 0.090178
created : 2023-08-21T14:39:54



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

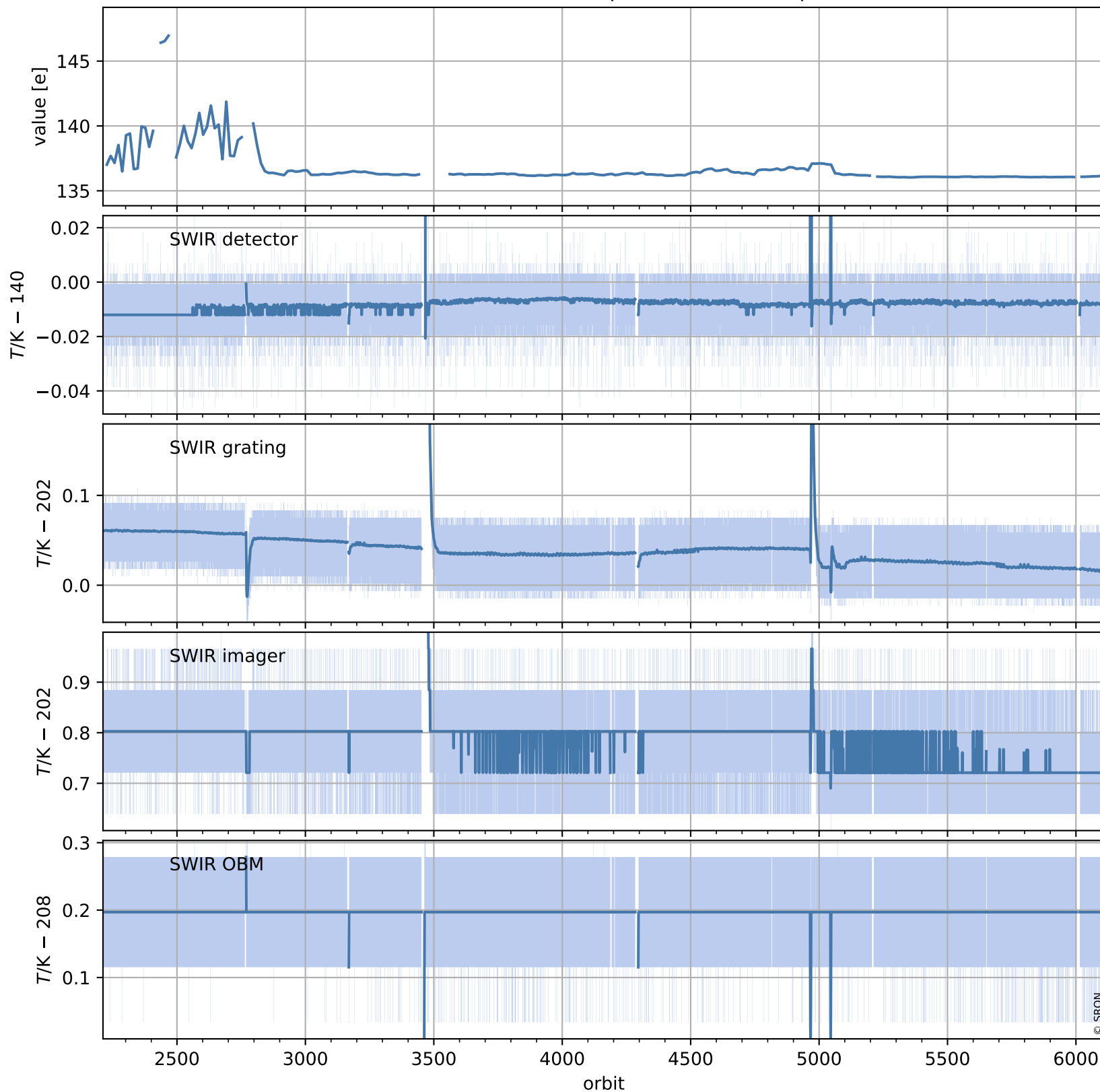
orbits : 13 in [6022, 6112]
coverage : 2018-12-12 / 2018-12-17
created : 2023-08-21T14:39:54



Tropomi SWIR background noise (swir)

orbits : [2212, 6112]
coverage : 2018-03-18 / 2018-12-17
created : 2023-08-21T14:39:55

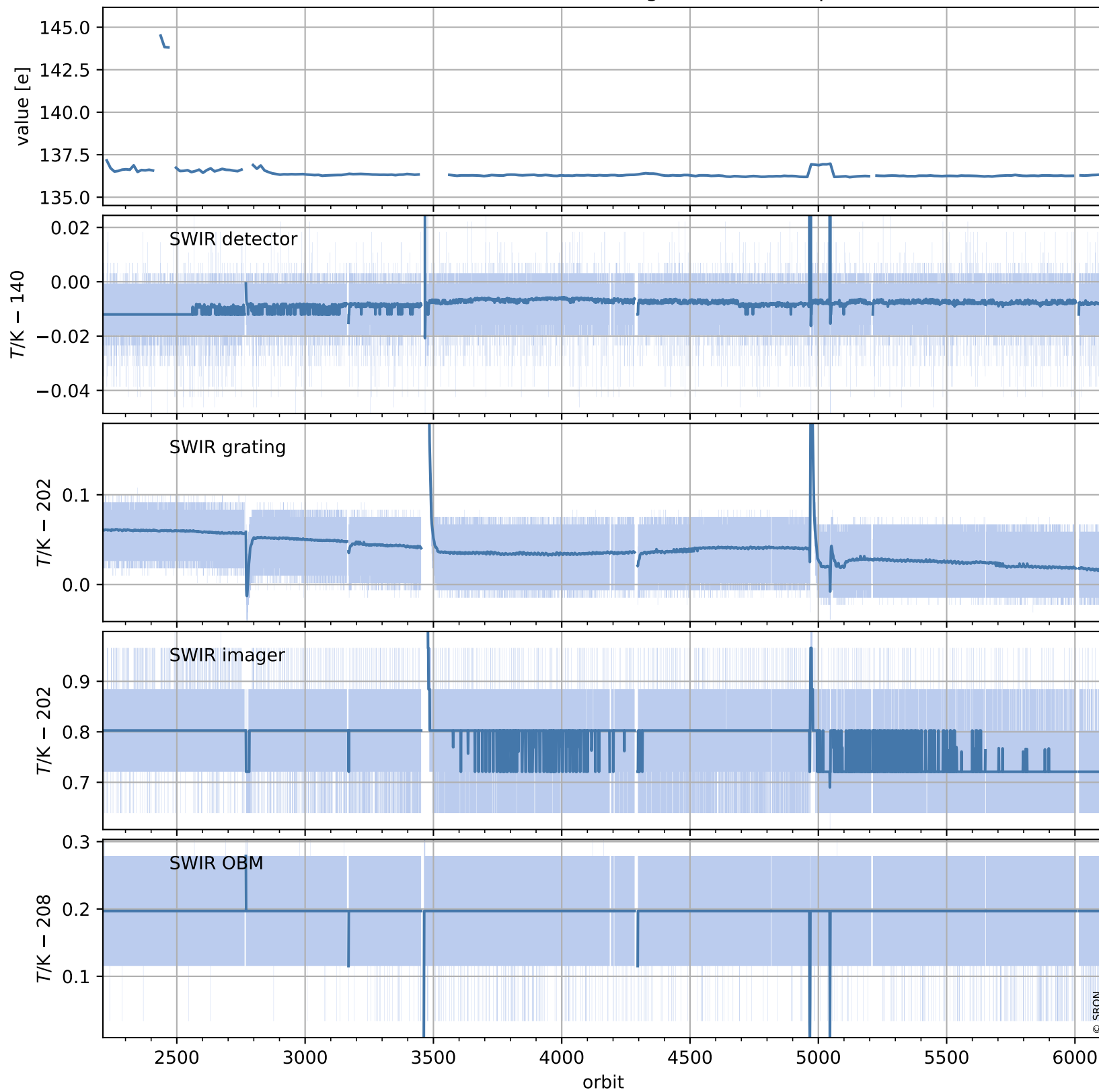
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6112]
coverage : 2018-03-18 / 2018-12-17
created : 2023-08-21T14:39:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6112]
coverage : 2018-03-18 / 2018-12-17
created : 2023-08-21T14:39:56

trend of normalized read-noise & temperatures

