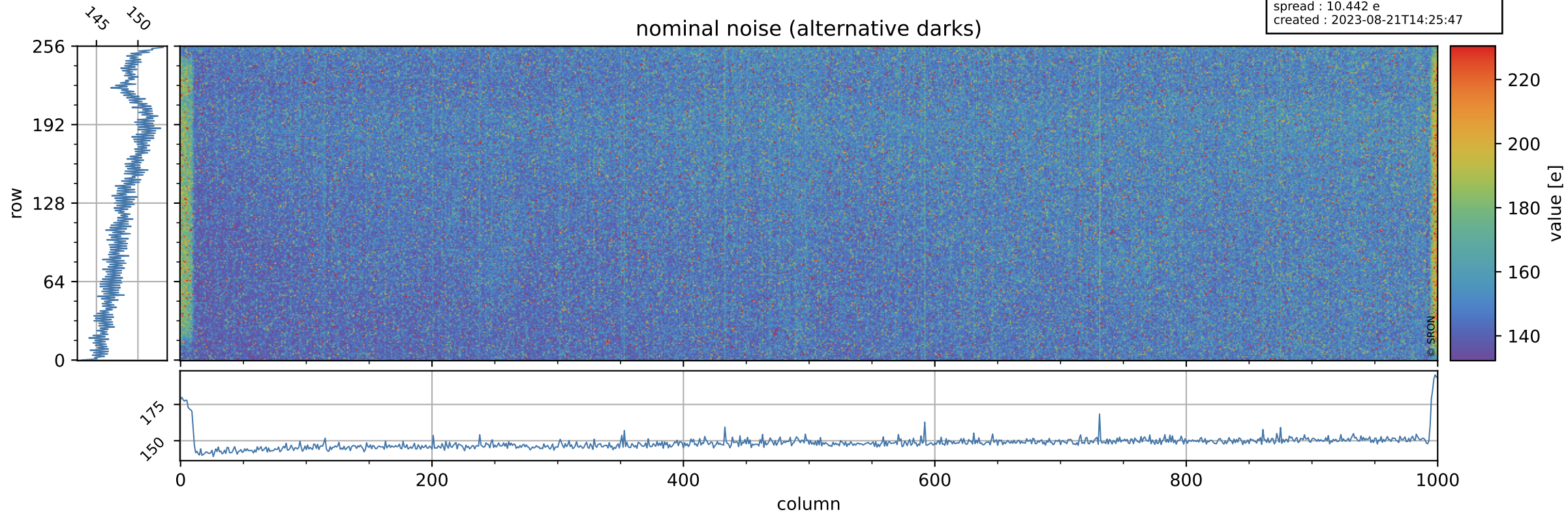


Tropomi SWIR background noise (swir)

orbits : 12 in [4027, 4117]
coverage : 2018-07-24 / 2018-07-30
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.442 e
created : 2023-08-21T14:25:47

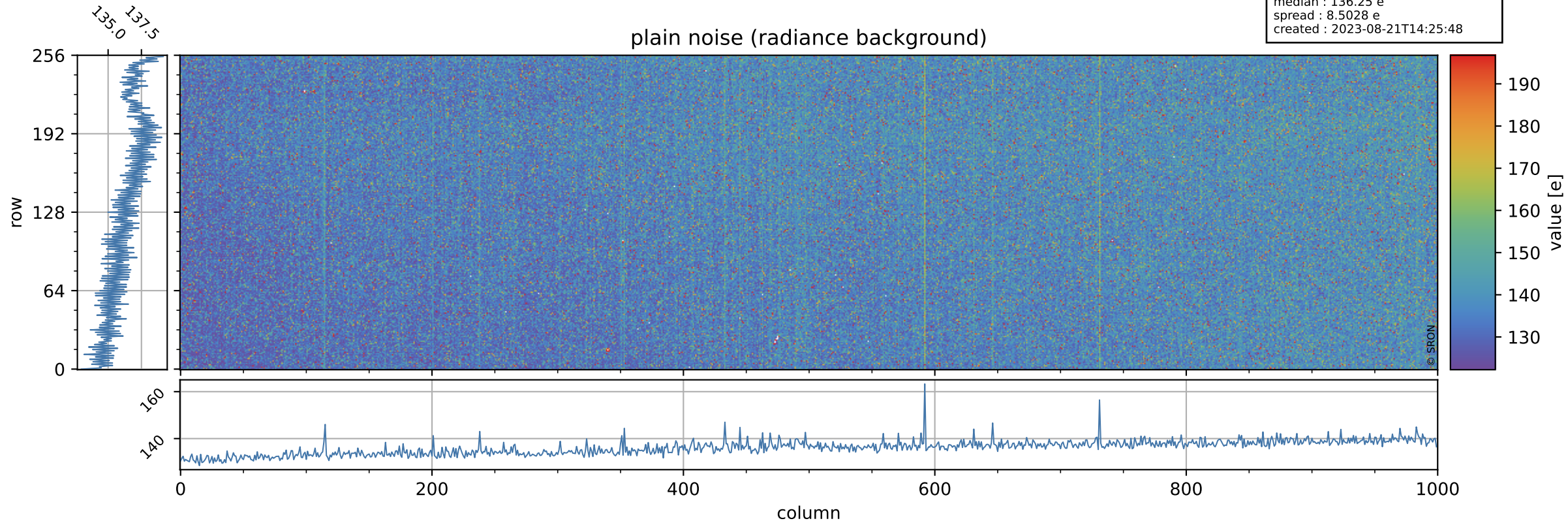
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4027, 4117]
coverage : 2018-07-24 / 2018-07-30
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.5028 e
created : 2023-08-21T14:25:48

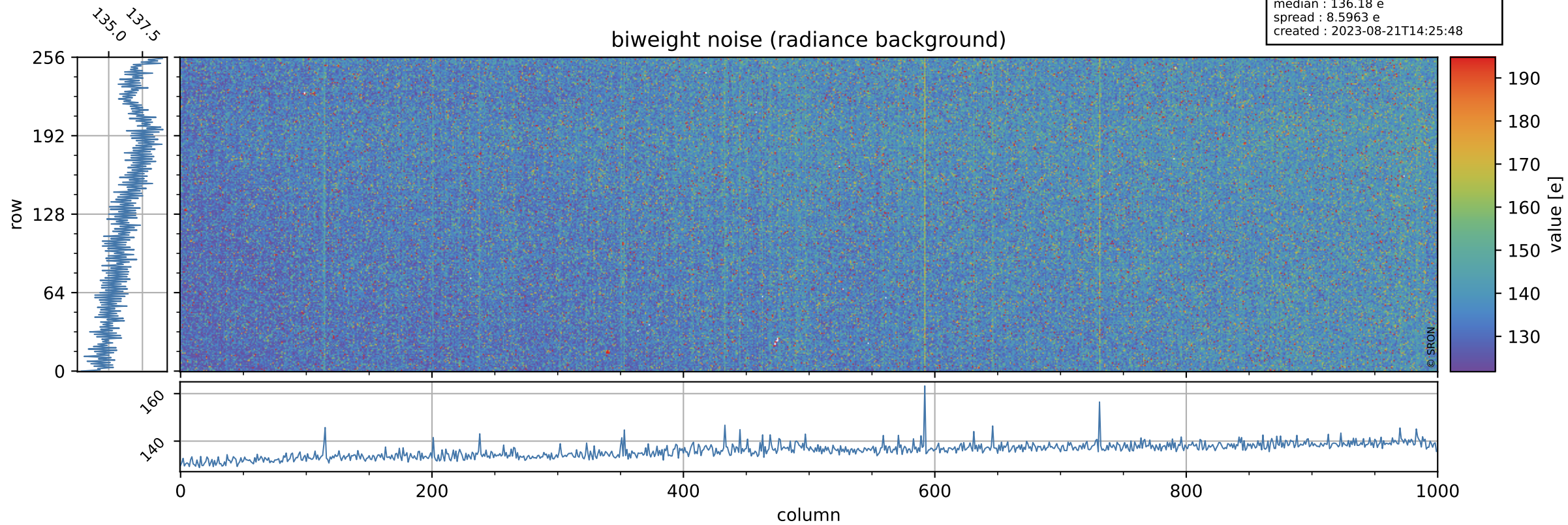
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4027, 4117]
coverage : 2018-07-24 / 2018-07-30
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.5963 e
created : 2023-08-21T14:25:48

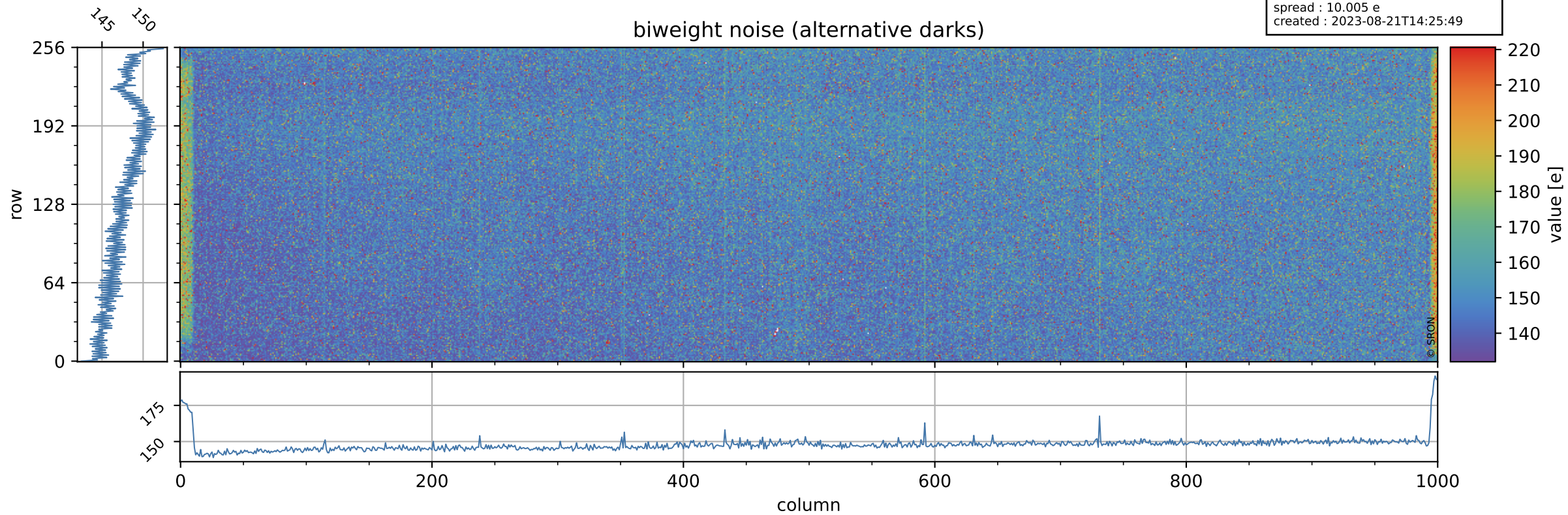
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4027, 4117]
coverage : 2018-07-24 / 2018-07-30
n_coad, t_exp : 1, 1.0783
median : 147.51 e
spread : 10.005 e
created : 2023-08-21T14:25:49

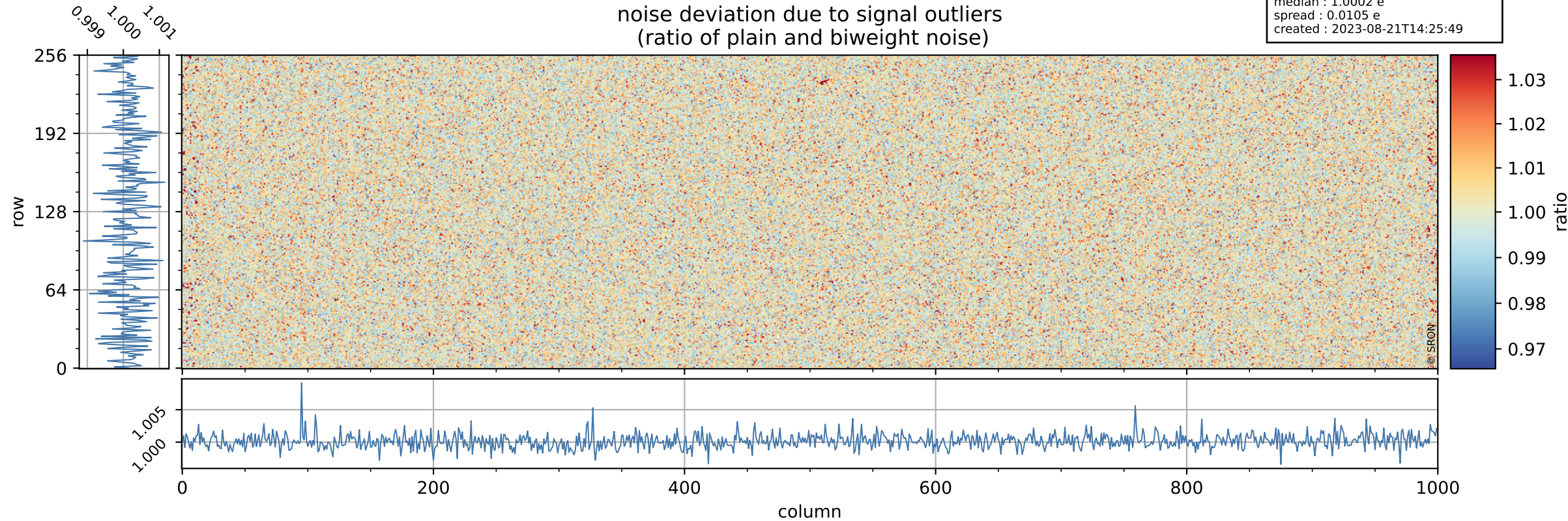
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

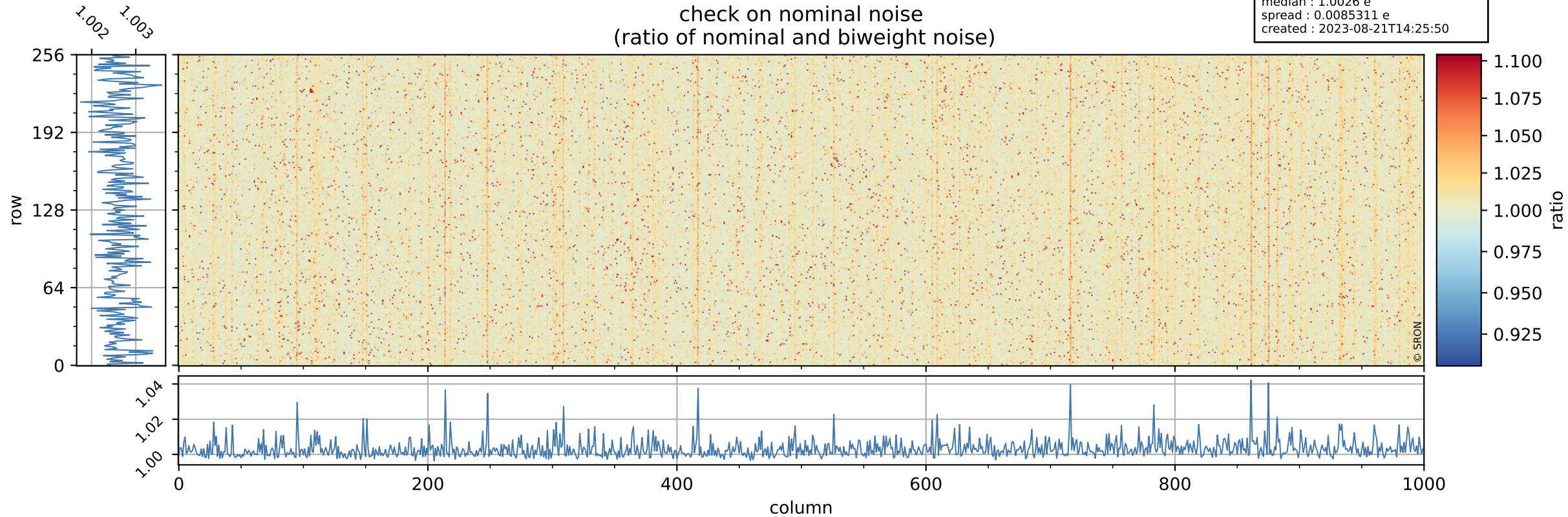
orbits : 12 in [4027, 4117]
coverage : 2018-07-24 / 2018-07-30
median : 1.0002 e
spread : 0.0105 e
created : 2023-08-21T14:25:49



Tropomi SWIR background noise (swir)

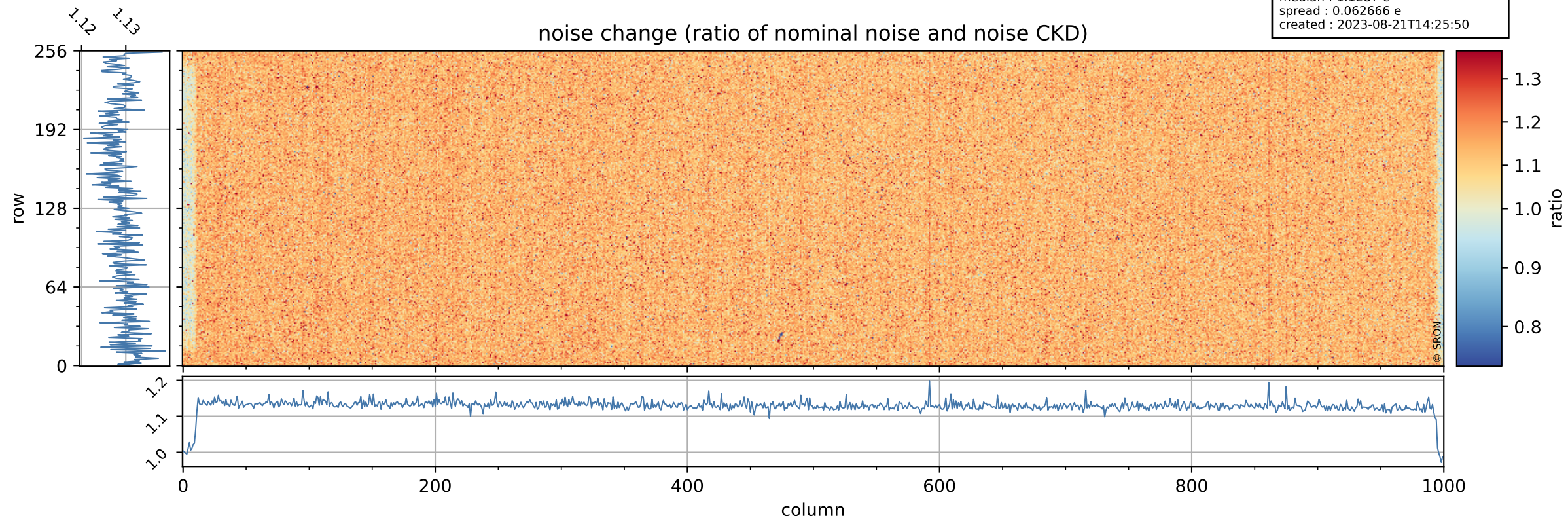
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4027, 4117]
coverage : 2018-07-24 / 2018-07-30
median : 1.0026 e
spread : 0.0085311 e
created : 2023-08-21T14:25:50



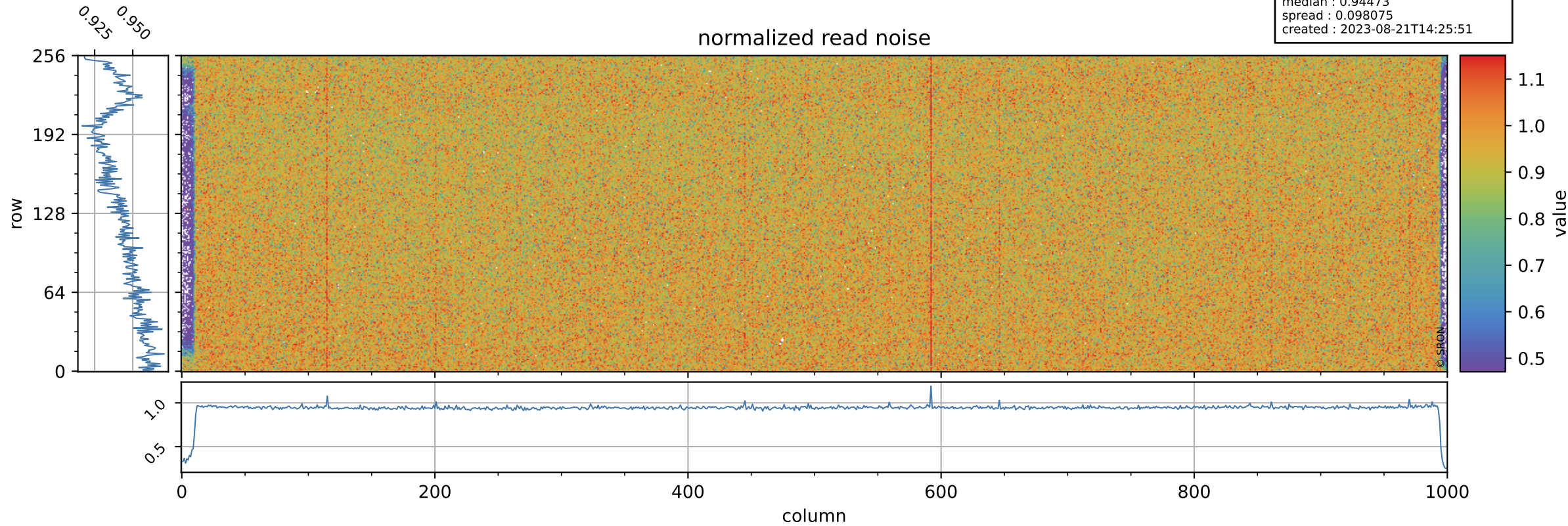
Tropomi SWIR background noise (swir)

orbits : 12 in [4027, 4117]
coverage : 2018-07-24 / 2018-07-30
median : 1.1287 e
spread : 0.062666 e
created : 2023-08-21T14:25:50



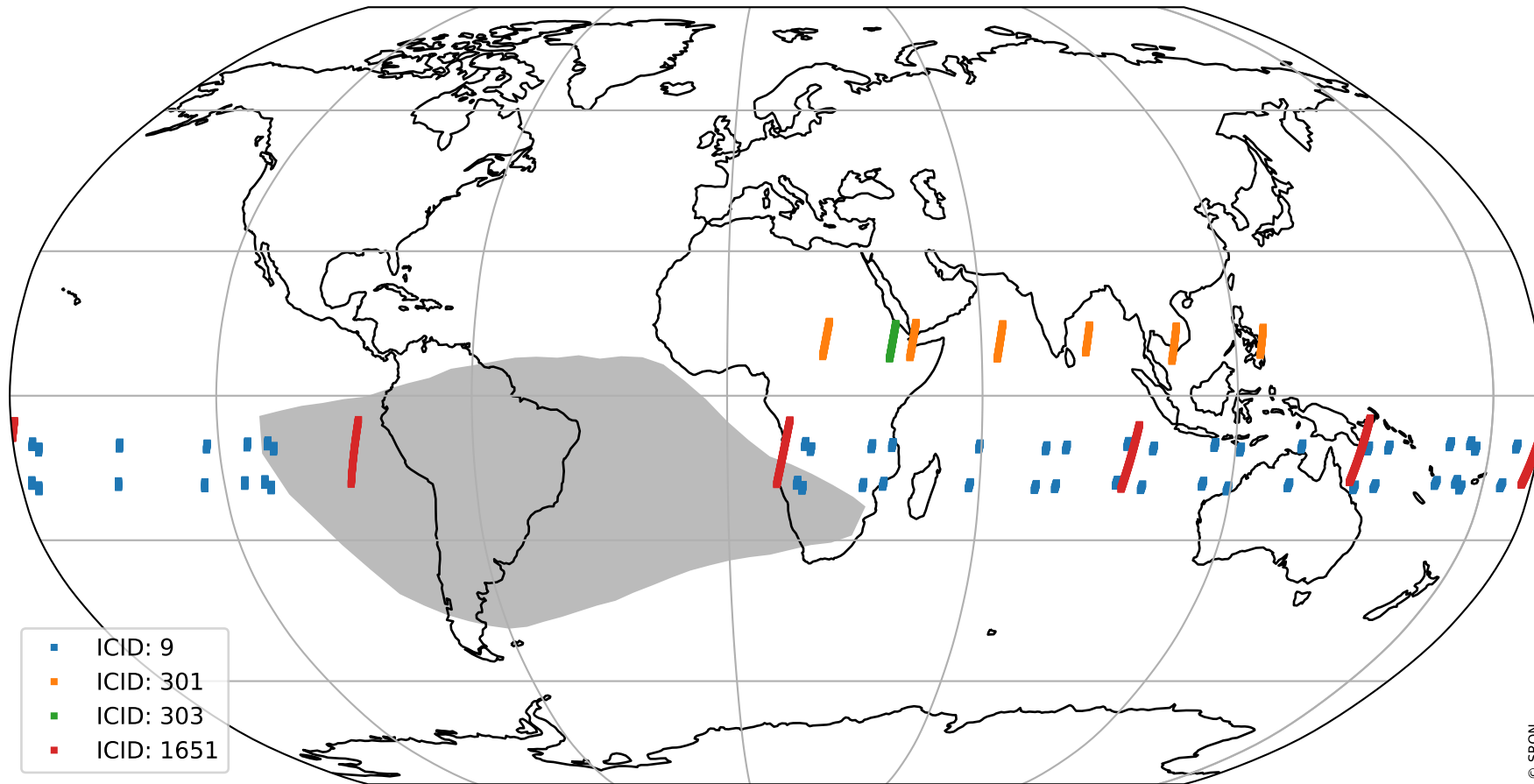
Tropomi SWIR background noise (swir)

orbits : 12 in [4027, 4117]
coverage : 2018-07-24 / 2018-07-30
median : 0.94473
spread : 0.098075
created : 2023-08-21T14:25:51



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

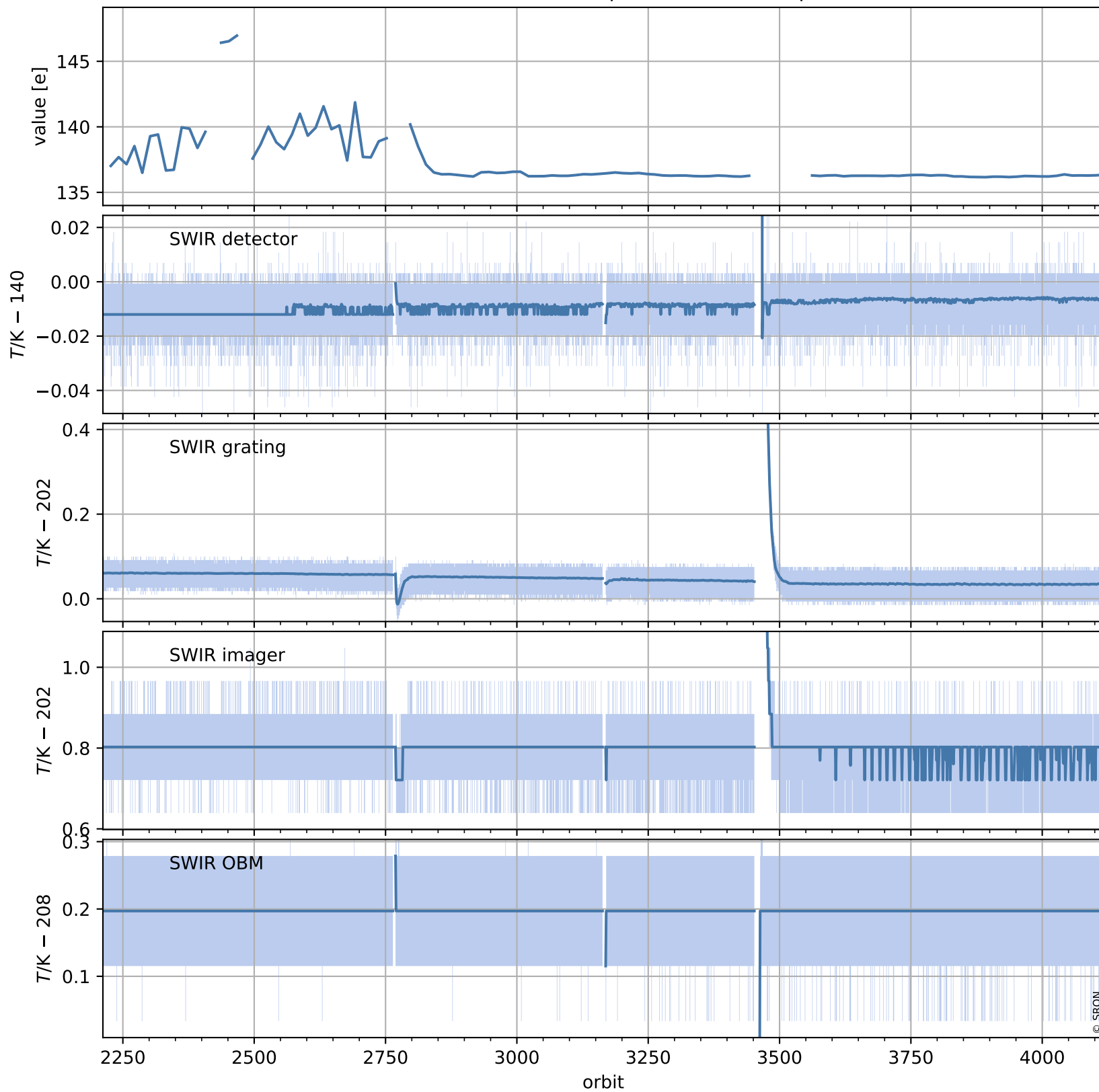
orbits : 12 in [4027, 4117]
coverage : 2018-07-24 / 2018-07-30
created : 2023-08-21T14:25:51



Tropomi SWIR background noise (swir)

orbits : [2212, 4117]
coverage : 2018-03-18 / 2018-07-30
created : 2023-08-21T14:25:51

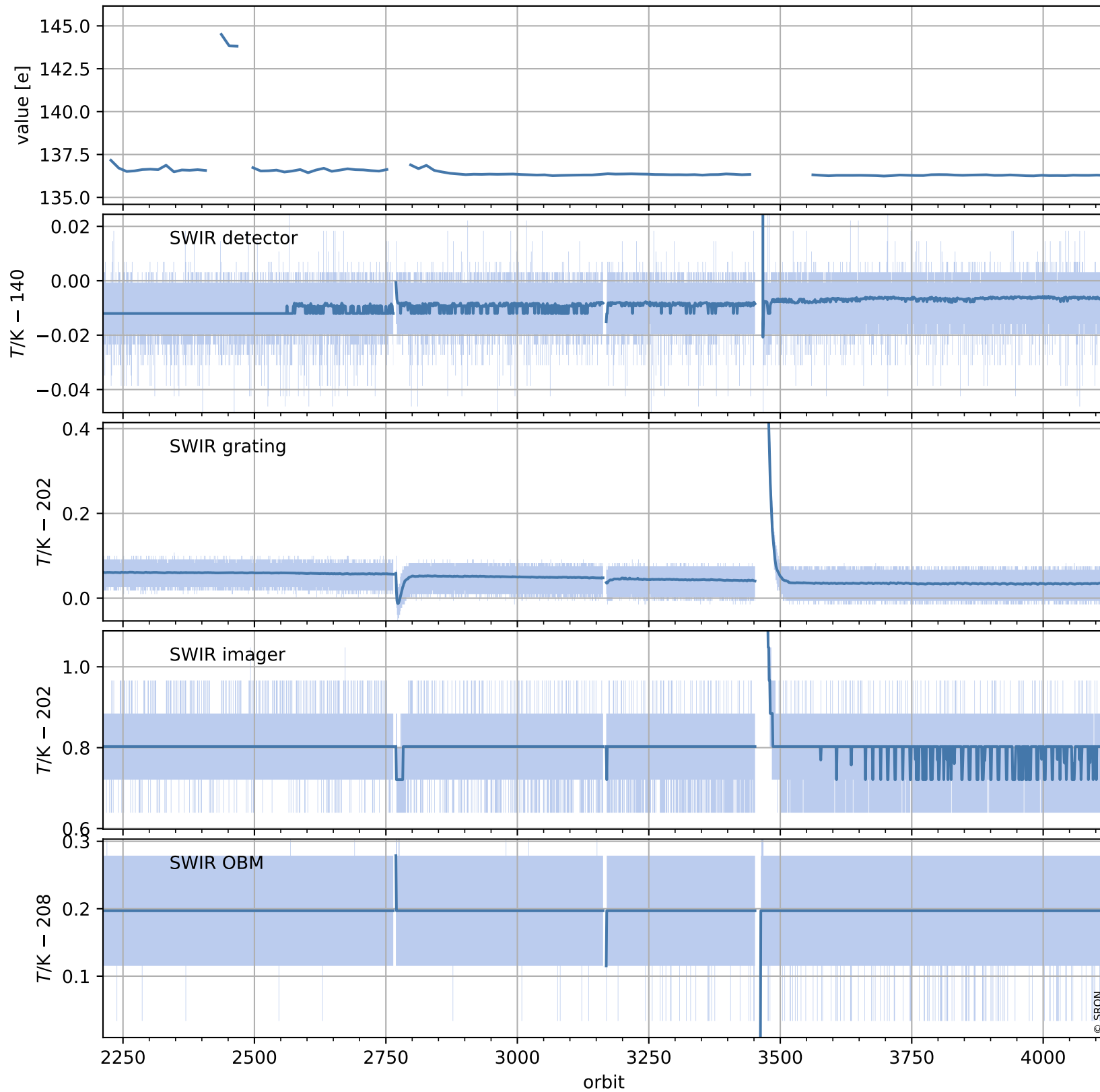
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4117]
coverage : 2018-03-18 / 2018-07-30
created : 2023-08-21T14:25:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4117]
coverage : 2018-03-18 / 2018-07-30
created : 2023-08-21T14:25:53

trend of normalized read-noise & temperatures

