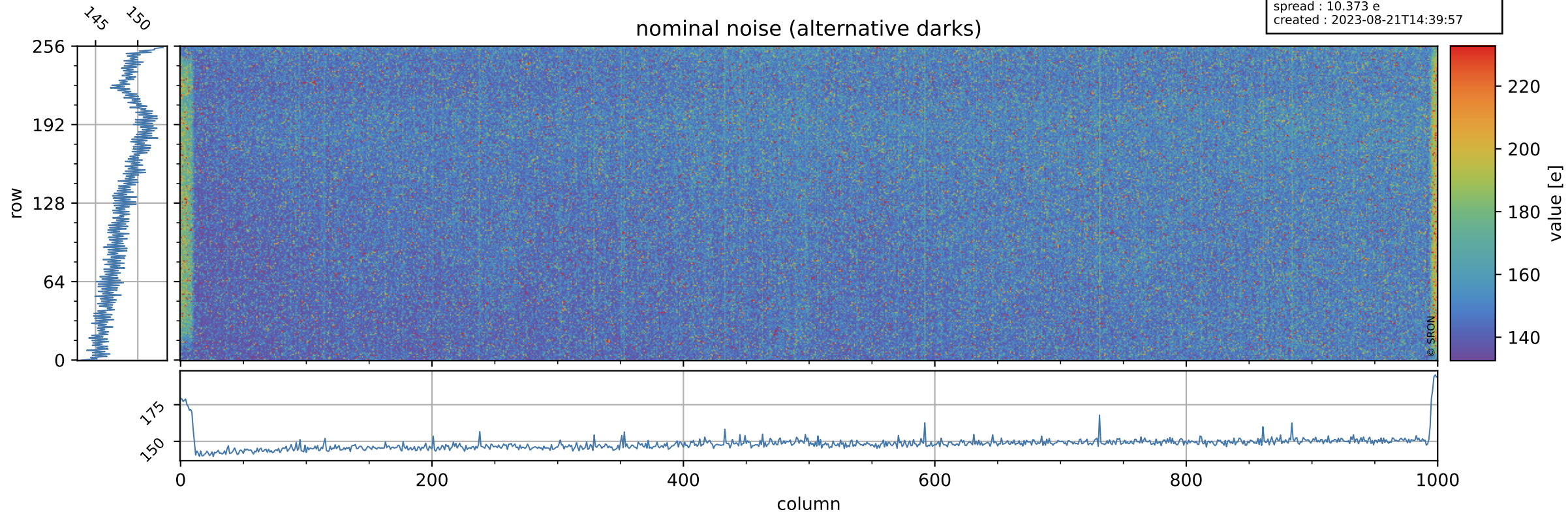


Tropomi SWIR background noise (swir)

orbits : 13 in [6052, 6127]
coverage : 2018-12-13 / 2018-12-18
n_coad, t_exp : 1, 1.0783
median : 148.26 e
spread : 10.373 e
created : 2023-08-21T14:39:57

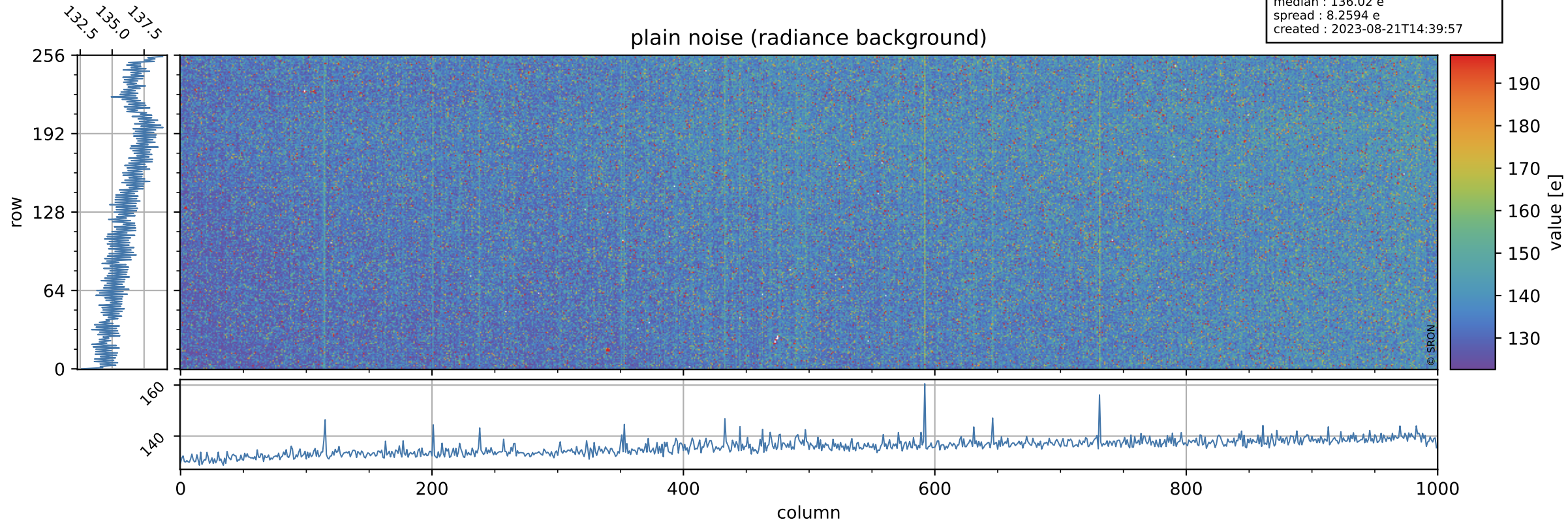
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [6052, 6127]
coverage : 2018-12-13 / 2018-12-18
n_coad, t_exp : 2, 0.5383
median : 136.02 e
spread : 8.2594 e
created : 2023-08-21T14:39:57

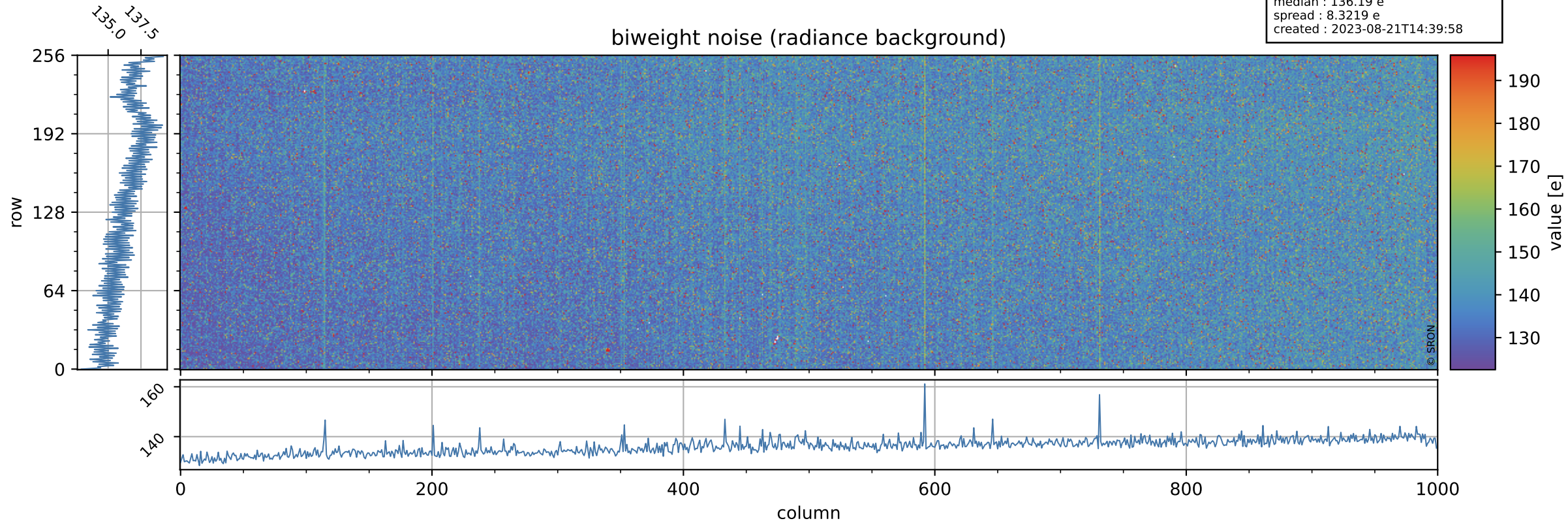
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6052, 6127]
coverage : 2018-12-13 / 2018-12-18
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.3219 e
created : 2023-08-21T14:39:58

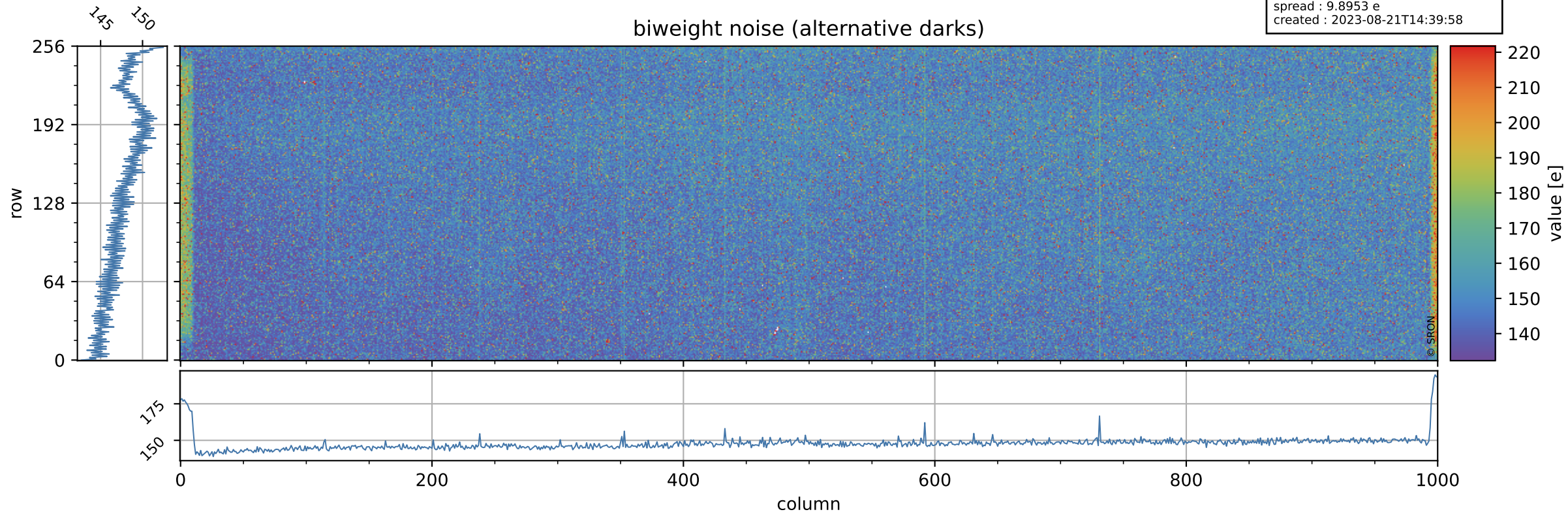
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6052, 6127]
coverage : 2018-12-13 / 2018-12-18
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.8953 e
created : 2023-08-21T14:39:58

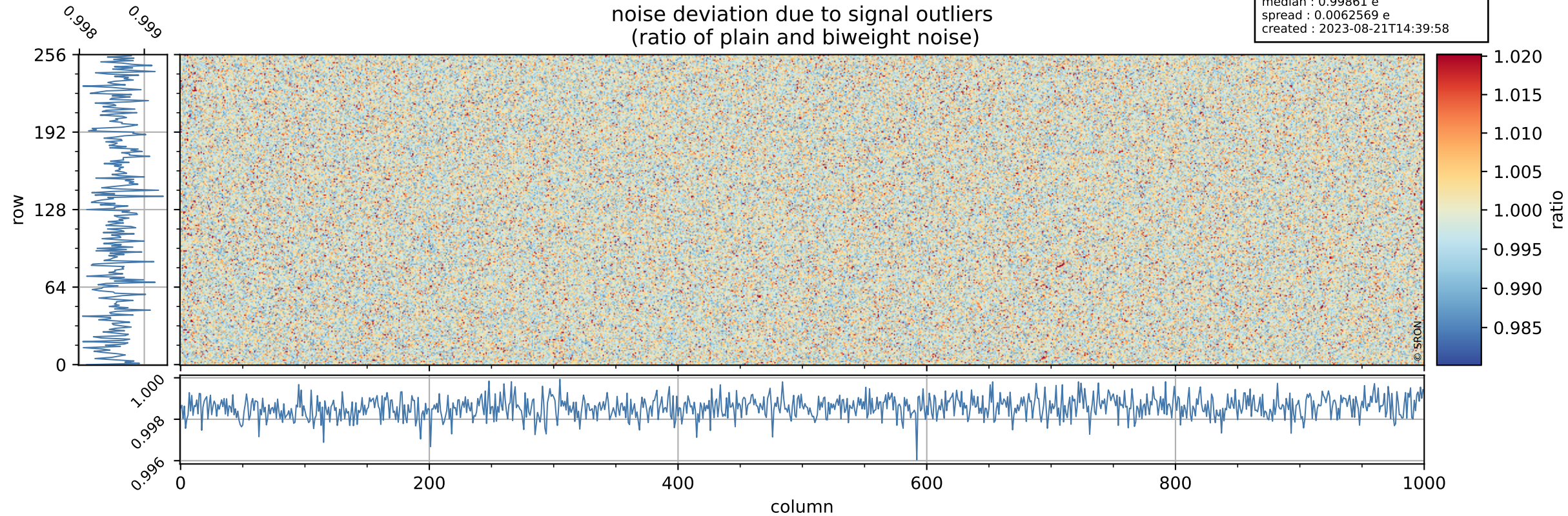
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

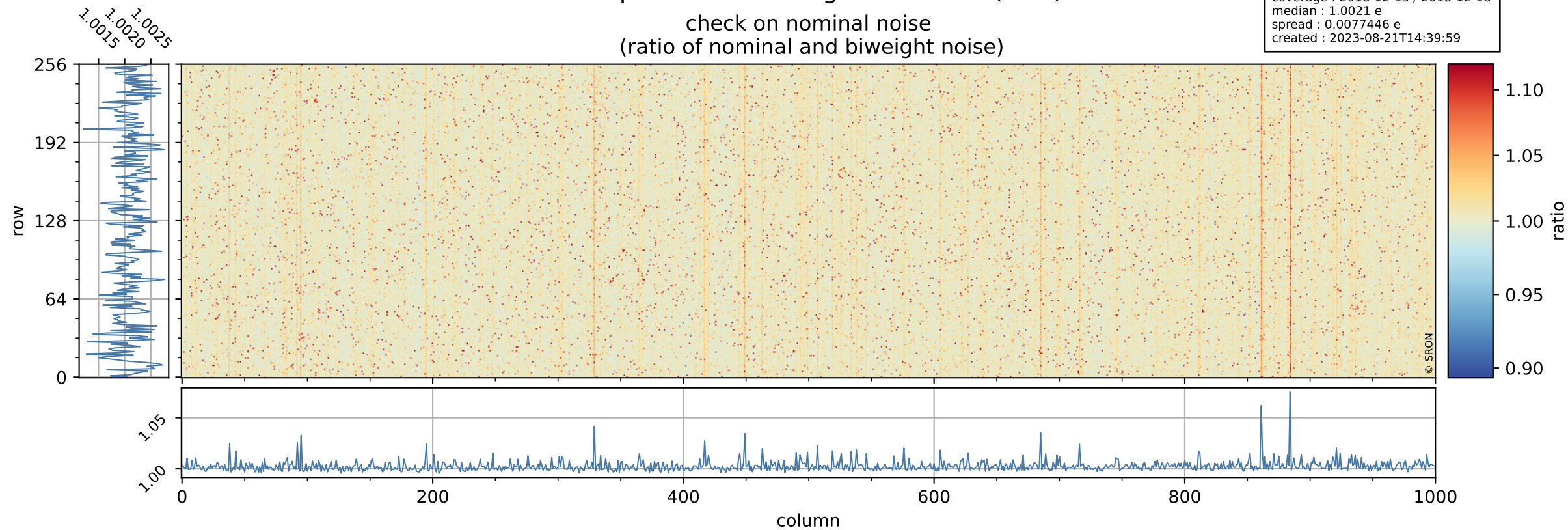
orbits : 13 in [6052, 6127]
coverage : 2018-12-13 / 2018-12-18
median : 0.99861 e
spread : 0.0062569 e
created : 2023-08-21T14:39:58



Tropomi SWIR background noise (swir)

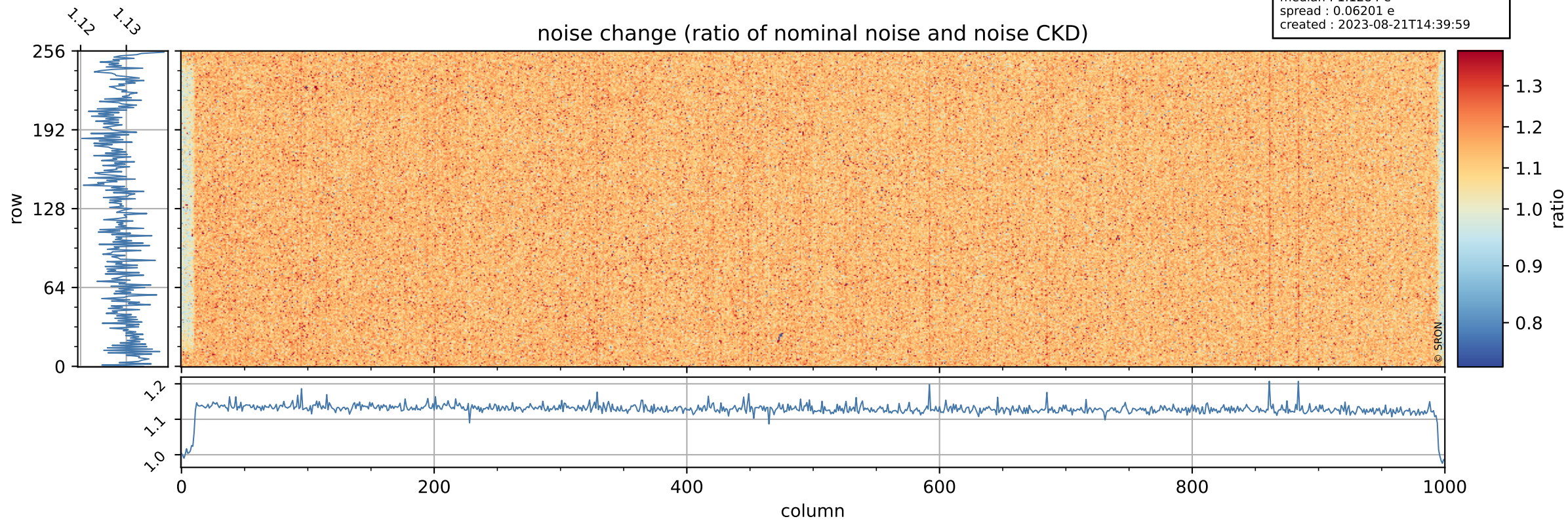
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [6052, 6127]
coverage : 2018-12-13 / 2018-12-18
median : 1.0021 e
spread : 0.0077446 e
created : 2023-08-21T14:39:59



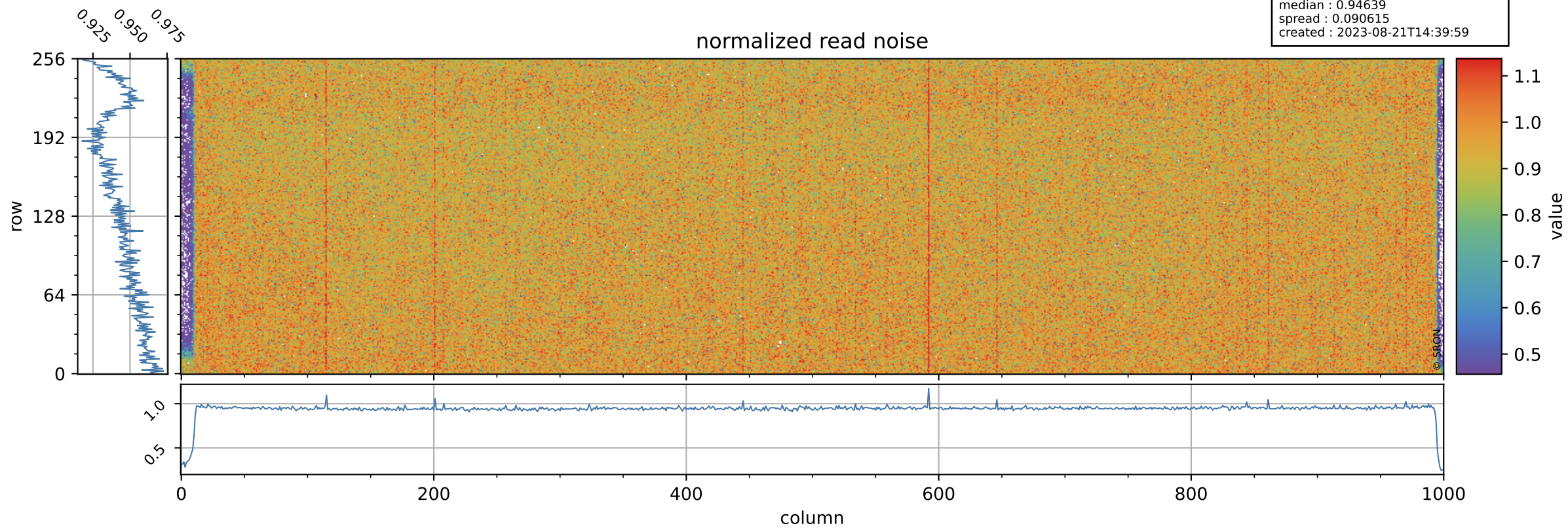
Tropomi SWIR background noise (swir)

orbits : 13 in [6052, 6127]
coverage : 2018-12-13 / 2018-12-18
median : 1.1284 e
spread : 0.06201 e
created : 2023-08-21T14:39:59



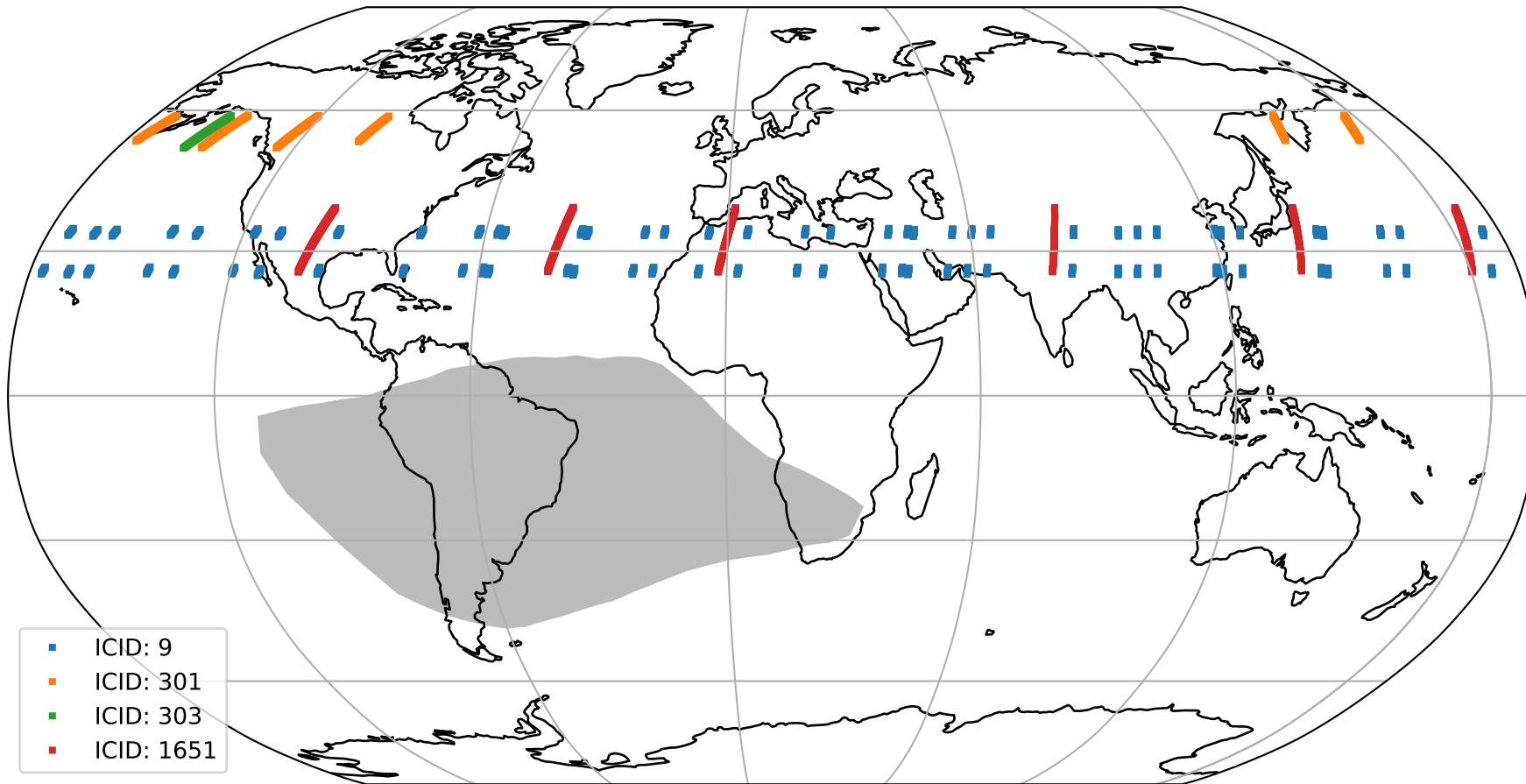
Tropomi SWIR background noise (swir)

orbits : 13 in [6052, 6127]
coverage : 2018-12-13 / 2018-12-18
median : 0.94639
spread : 0.090615
created : 2023-08-21T14:39:59



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

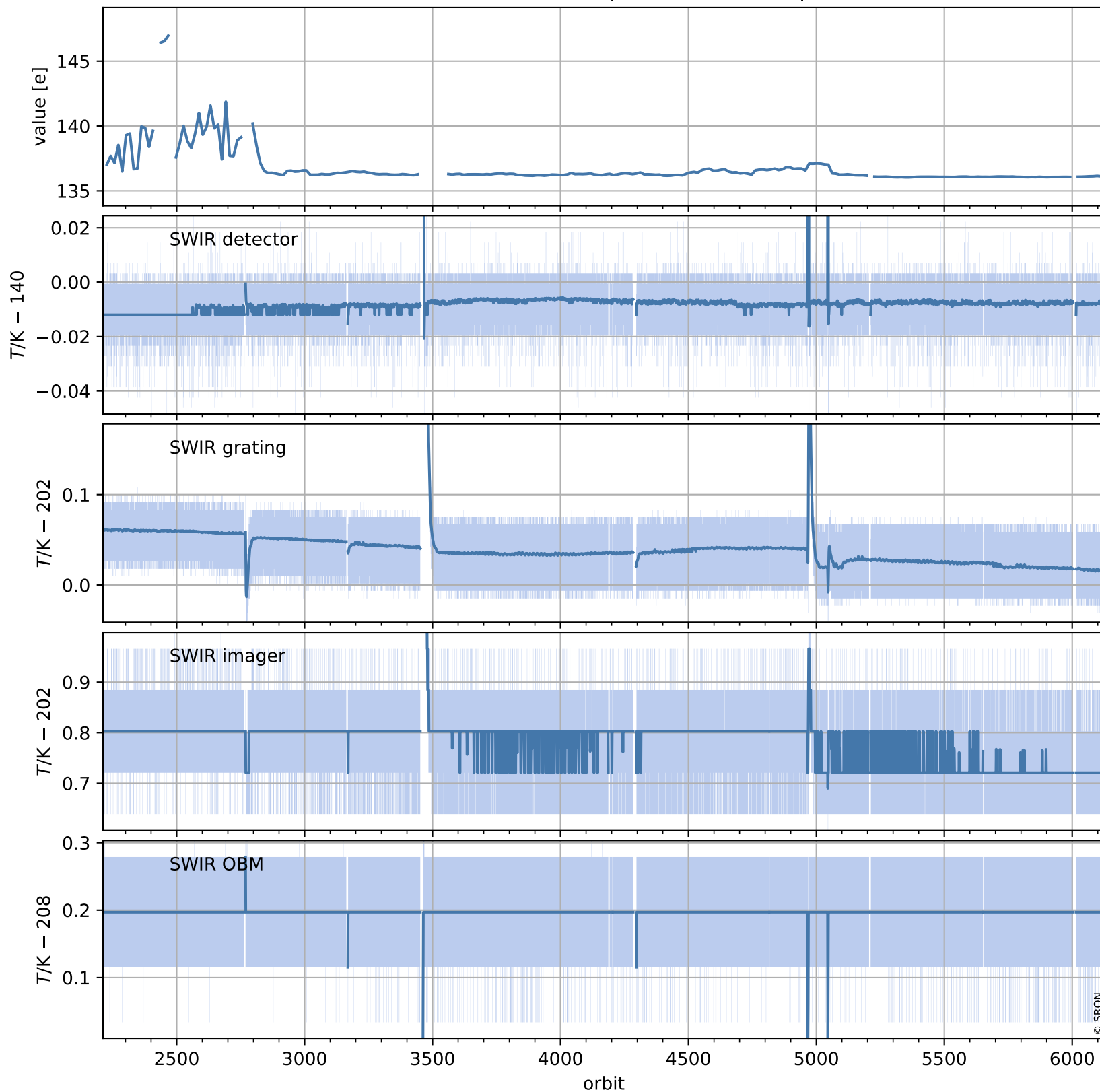
orbits : 13 in [6052, 6127]
coverage : 2018-12-13 / 2018-12-18
created : 2023-08-21T14:40:00



Tropomi SWIR background noise (swir)

orbits : [2212, 6127]
coverage : 2018-03-18 / 2018-12-18
created : 2023-08-21T14:40:00

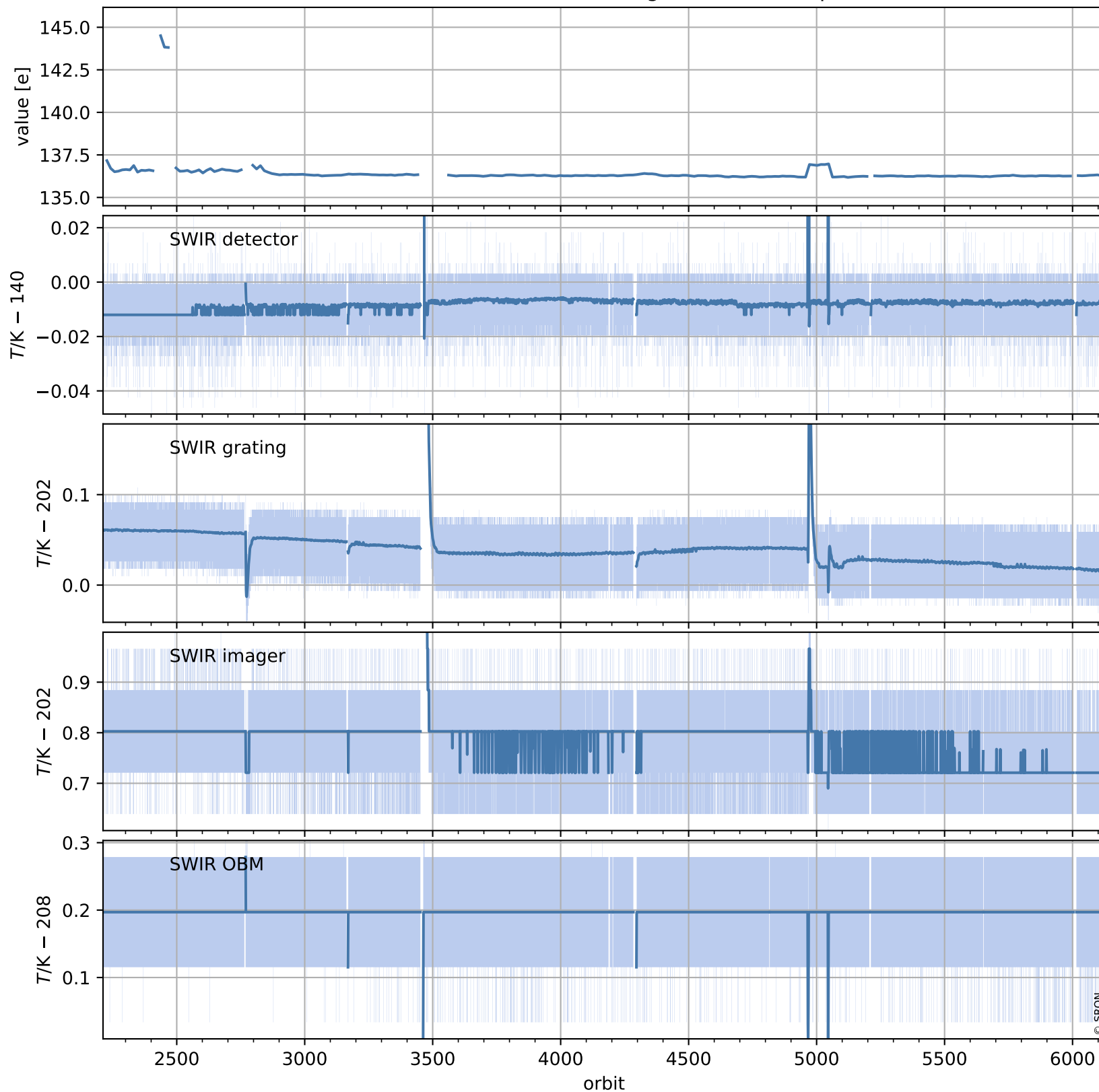
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6127]
coverage : 2018-03-18 / 2018-12-18
created : 2023-08-21T14:40:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6127]
coverage : 2018-03-18 / 2018-12-18
created : 2023-08-21T14:40:01

trend of normalized read-noise & temperatures

