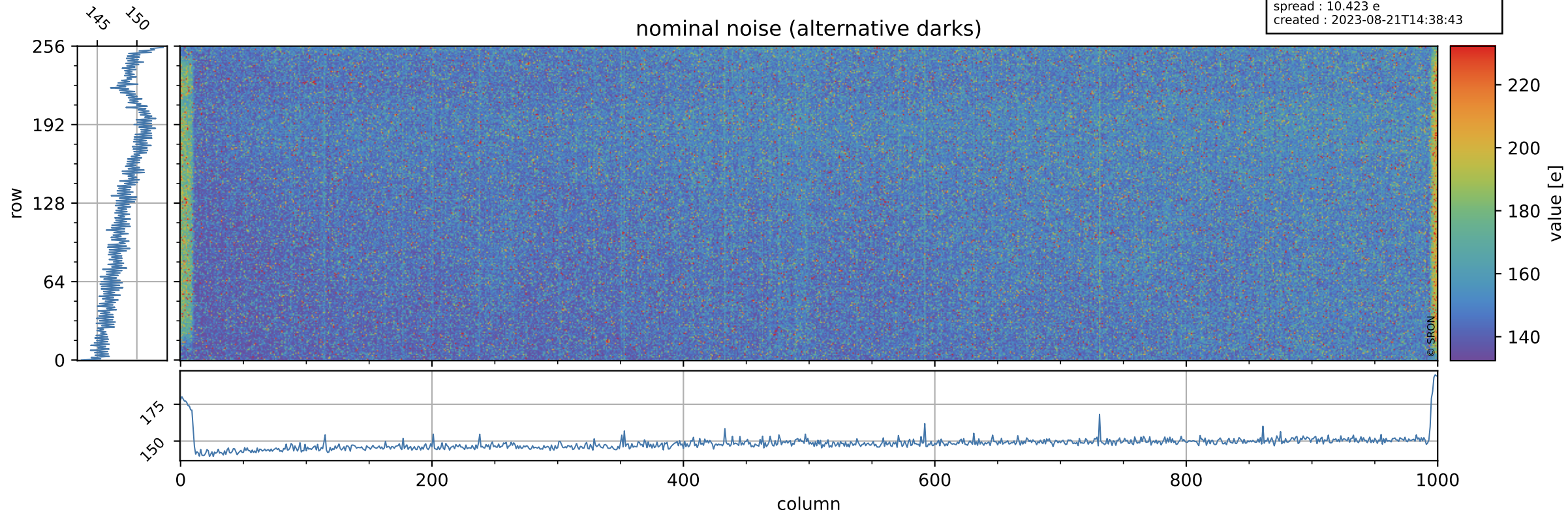


Tropomi SWIR background noise (swir)

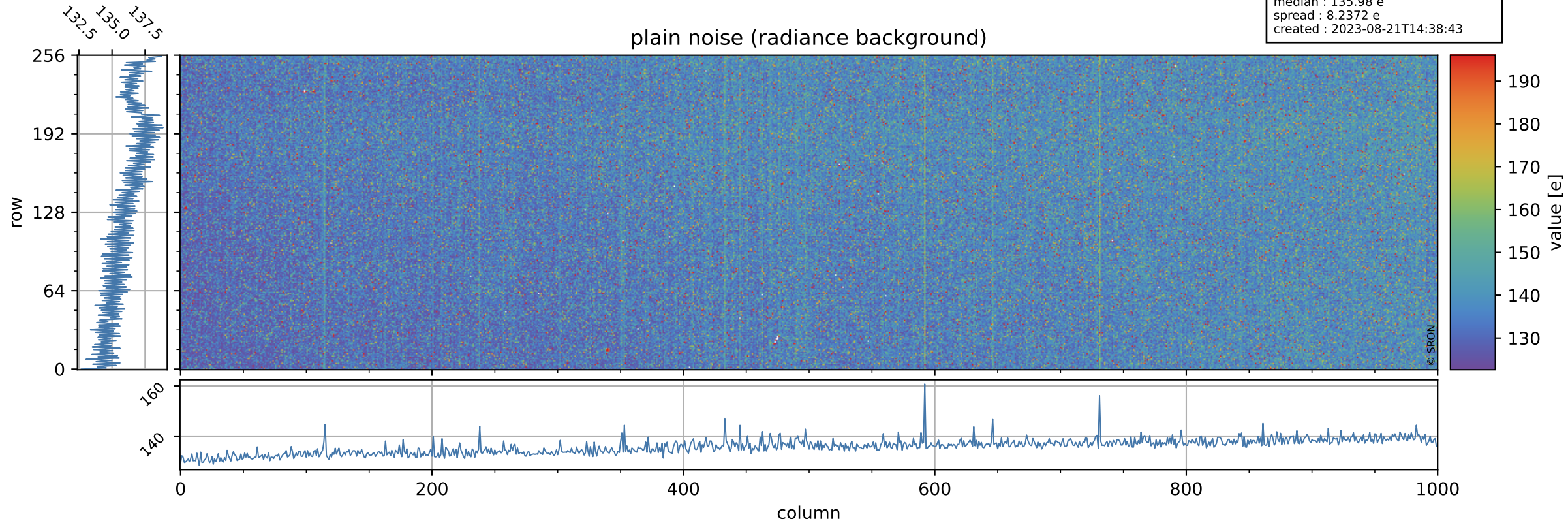
orbits : 12 in [5827, 5917]
coverage : 2018-11-28 / 2018-12-04
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.423 e
created : 2023-08-21T14:38:43



Tropomi SWIR background noise (swir)

orbits : 12 in [5827, 5917]
coverage : 2018-11-28 / 2018-12-04
n_coad, t_exp : 2, 0.5383
median : 135.98 e
spread : 8.2372 e
created : 2023-08-21T14:38:43

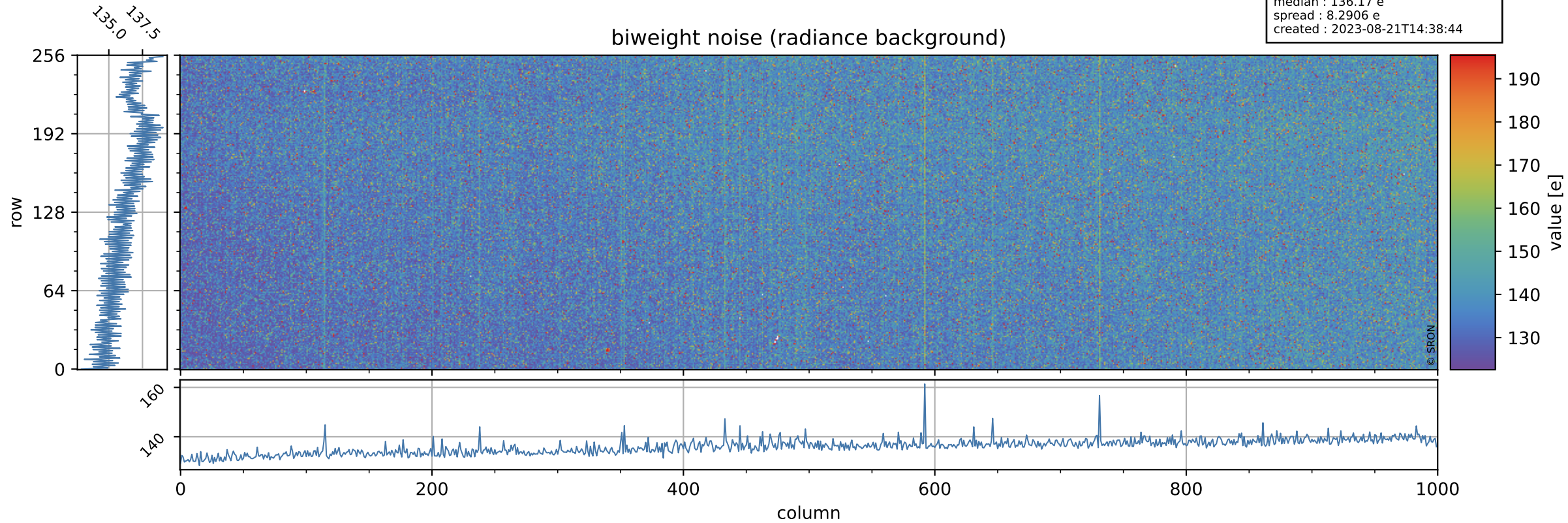
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5827, 5917]
coverage : 2018-11-28 / 2018-12-04
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.2906 e
created : 2023-08-21T14:38:44

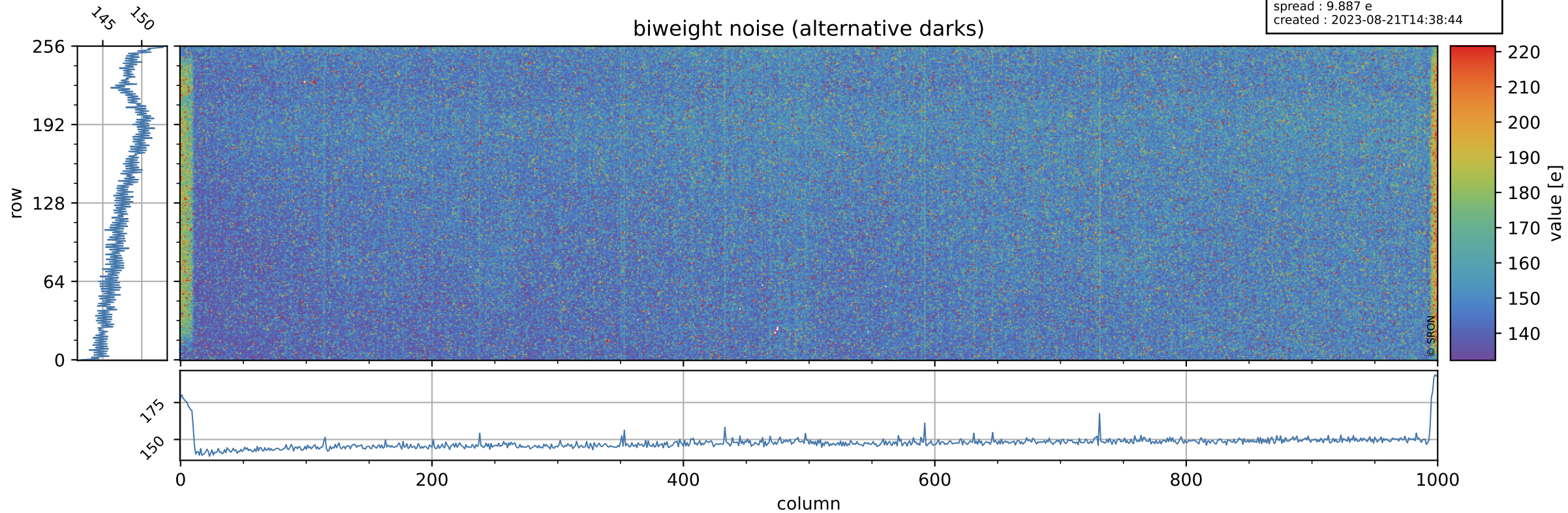
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5827, 5917]
coverage : 2018-11-28 / 2018-12-04
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.887 e
created : 2023-08-21T14:38:44

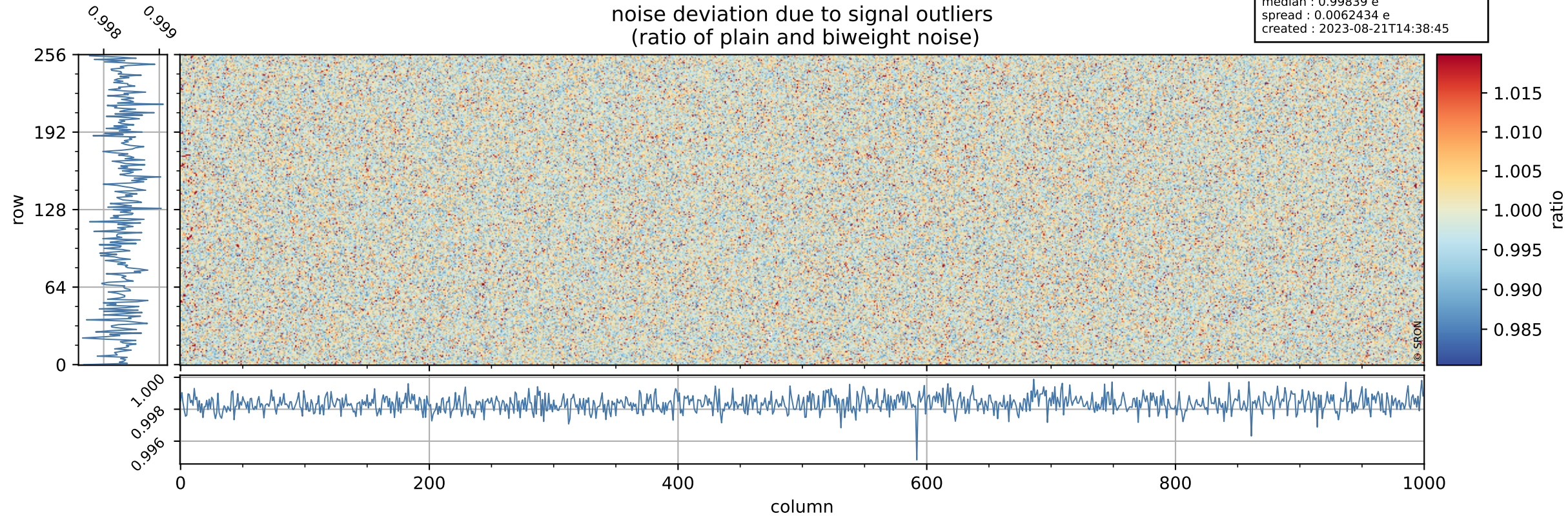
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

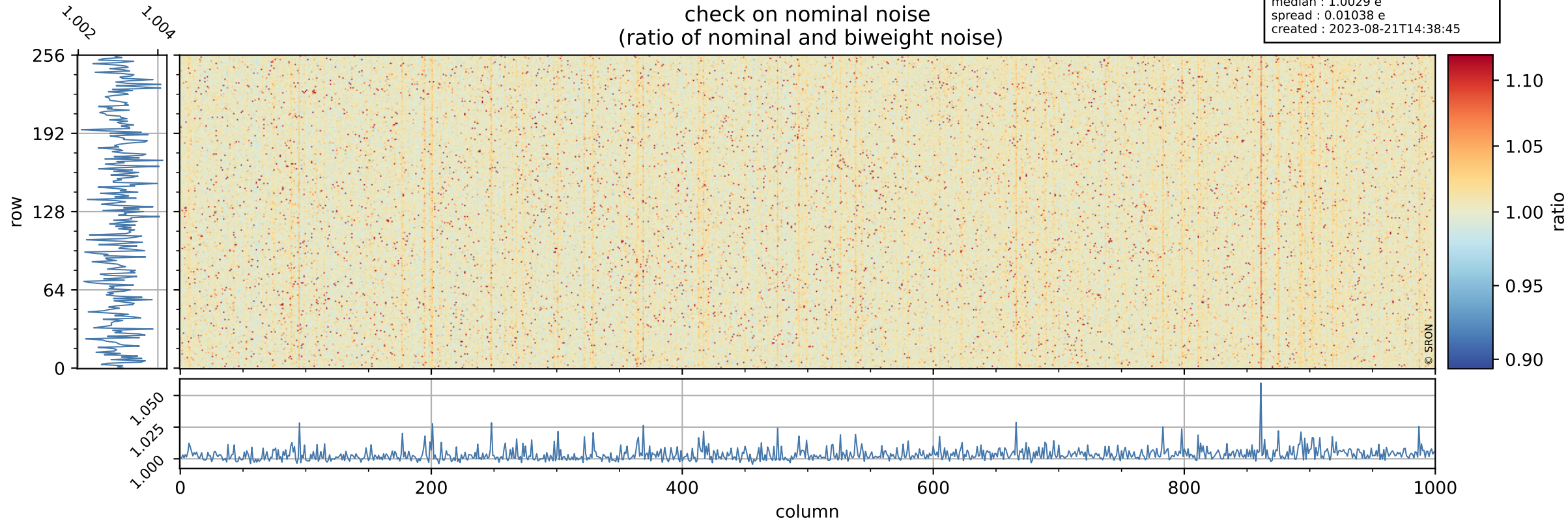
orbits : 12 in [5827, 5917]
coverage : 2018-11-28 / 2018-12-04
median : 0.99839 e
spread : 0.0062434 e
created : 2023-08-21T14:38:45



Tropomi SWIR background noise (swir)

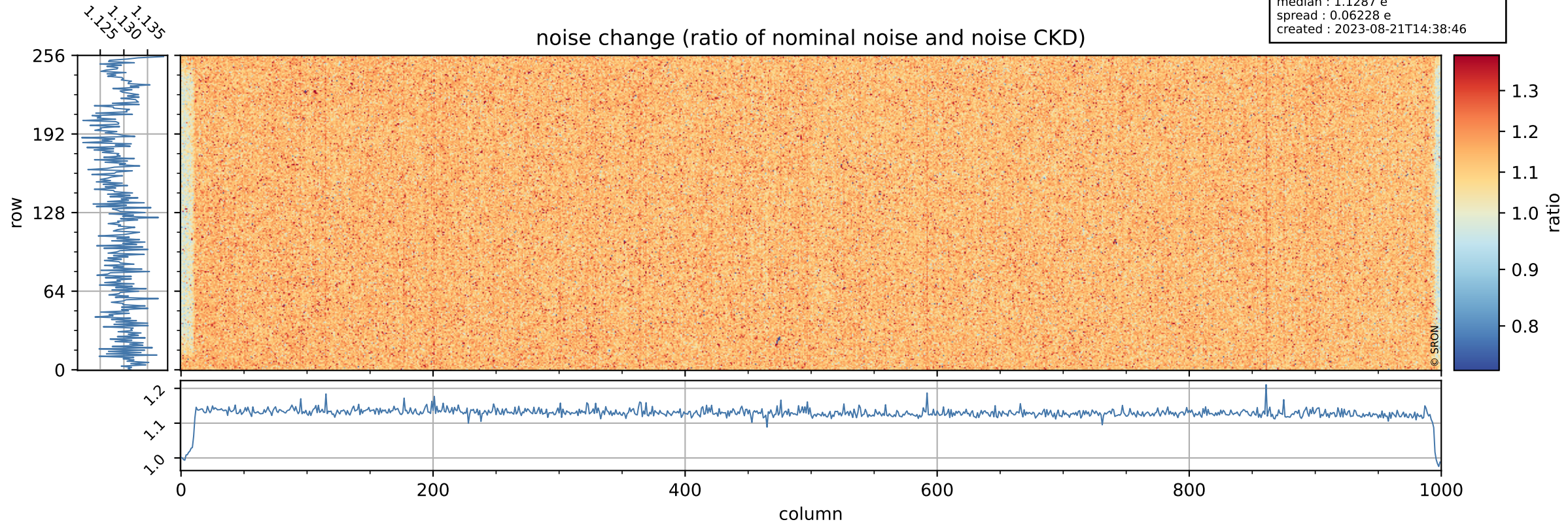
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5827, 5917]
coverage : 2018-11-28 / 2018-12-04
median : 1.0029 e
spread : 0.01038 e
created : 2023-08-21T14:38:45



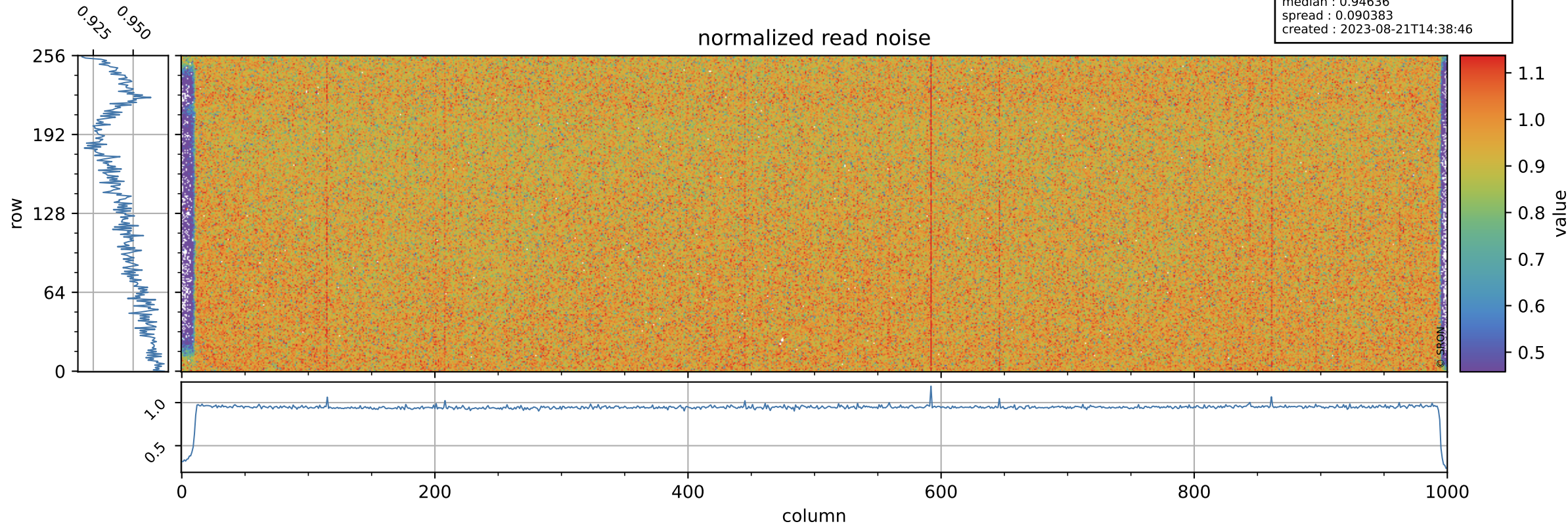
Tropomi SWIR background noise (swir)

orbits : 12 in [5827, 5917]
coverage : 2018-11-28 / 2018-12-04
median : 1.1287 e
spread : 0.06228 e
created : 2023-08-21T14:38:46



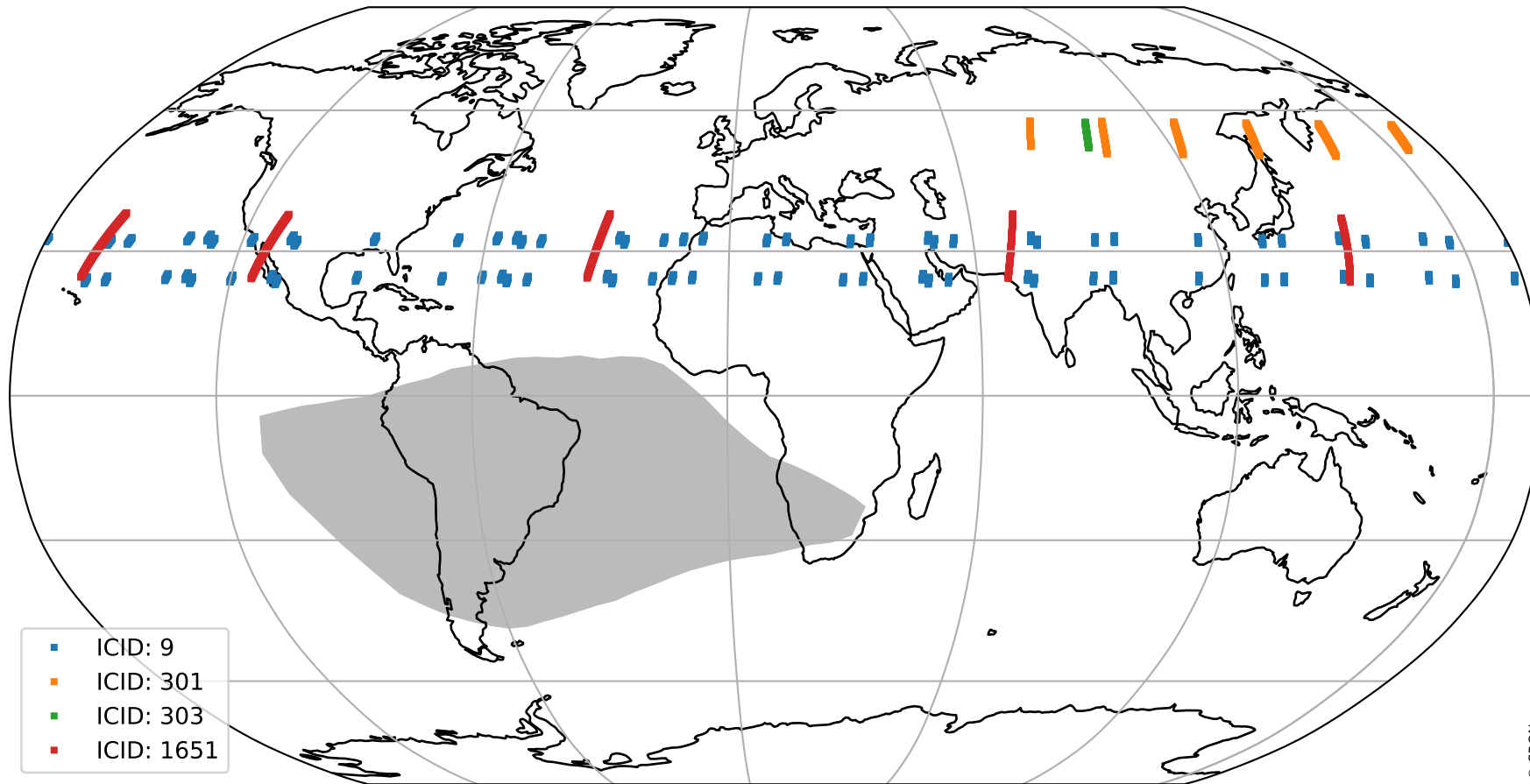
Tropomi SWIR background noise (swir)

orbits : 12 in [5827, 5917]
coverage : 2018-11-28 / 2018-12-04
median : 0.94636
spread : 0.090383
created : 2023-08-21T14:38:46



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

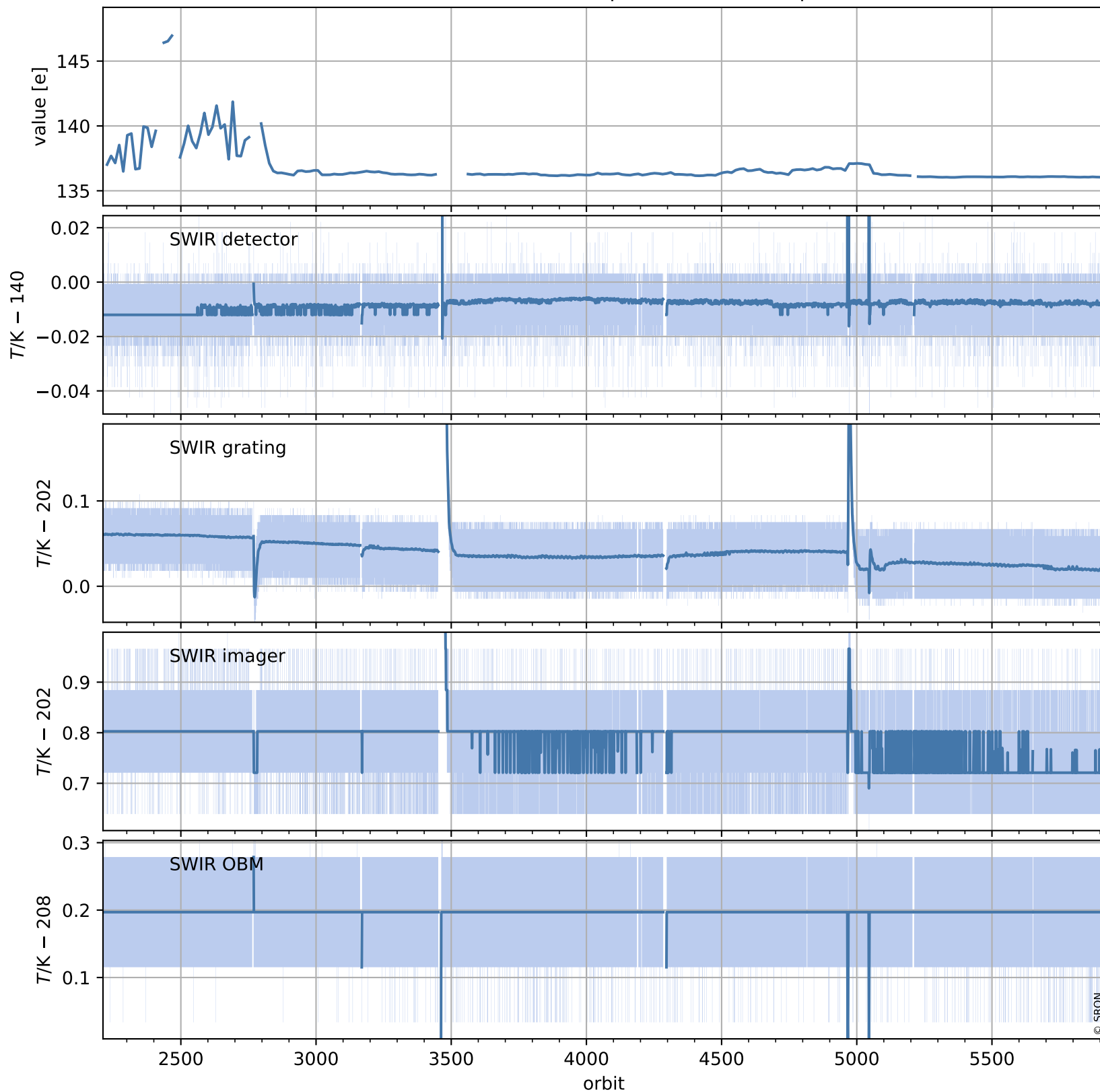
orbits : 12 in [5827, 5917]
coverage : 2018-11-28 / 2018-12-04
created : 2023-08-21T14:38:46



Tropomi SWIR background noise (swir)

orbits : [2212, 5917]
coverage : 2018-03-18 / 2018-12-04
created : 2023-08-21T14:38:47

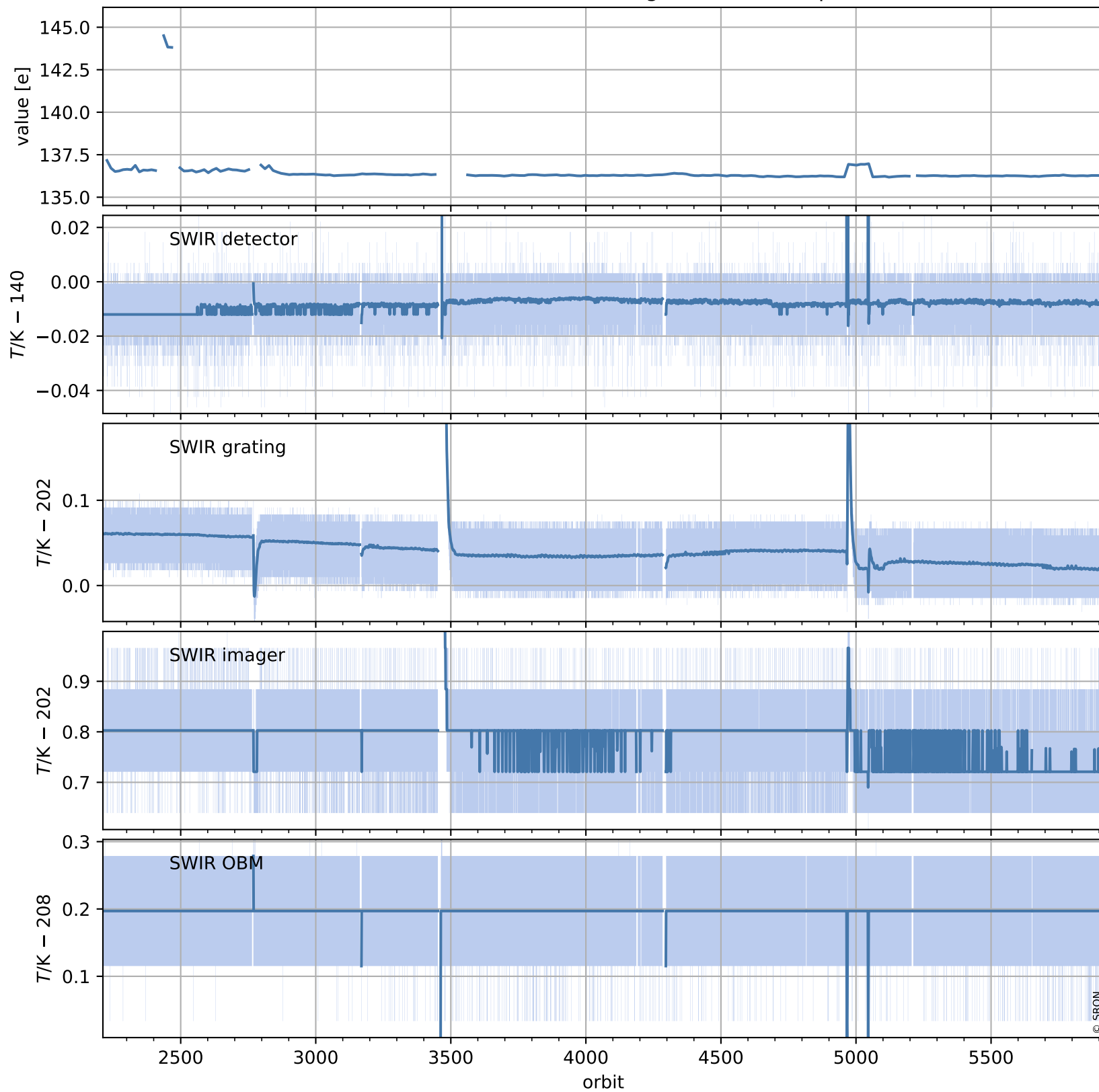
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5917]
coverage : 2018-03-18 / 2018-12-04
created : 2023-08-21T14:38:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5917]
coverage : 2018-03-18 / 2018-12-04
created : 2023-08-21T14:38:48

trend of normalized read-noise & temperatures

