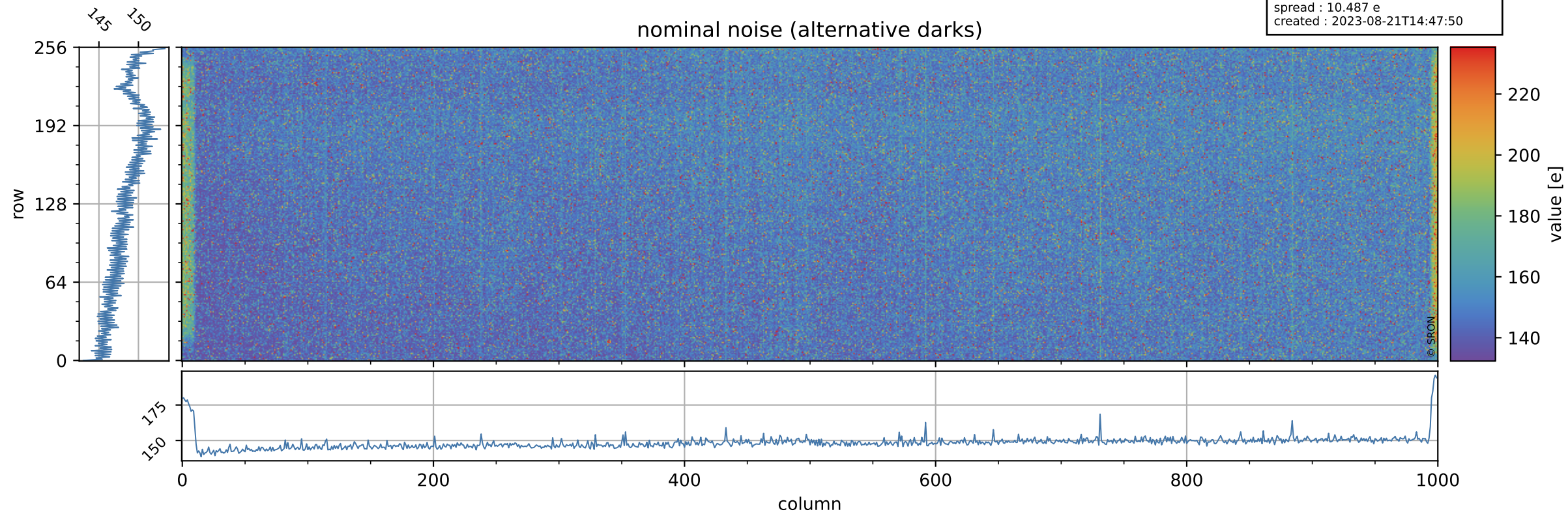


Tropomi SWIR background noise (swir)

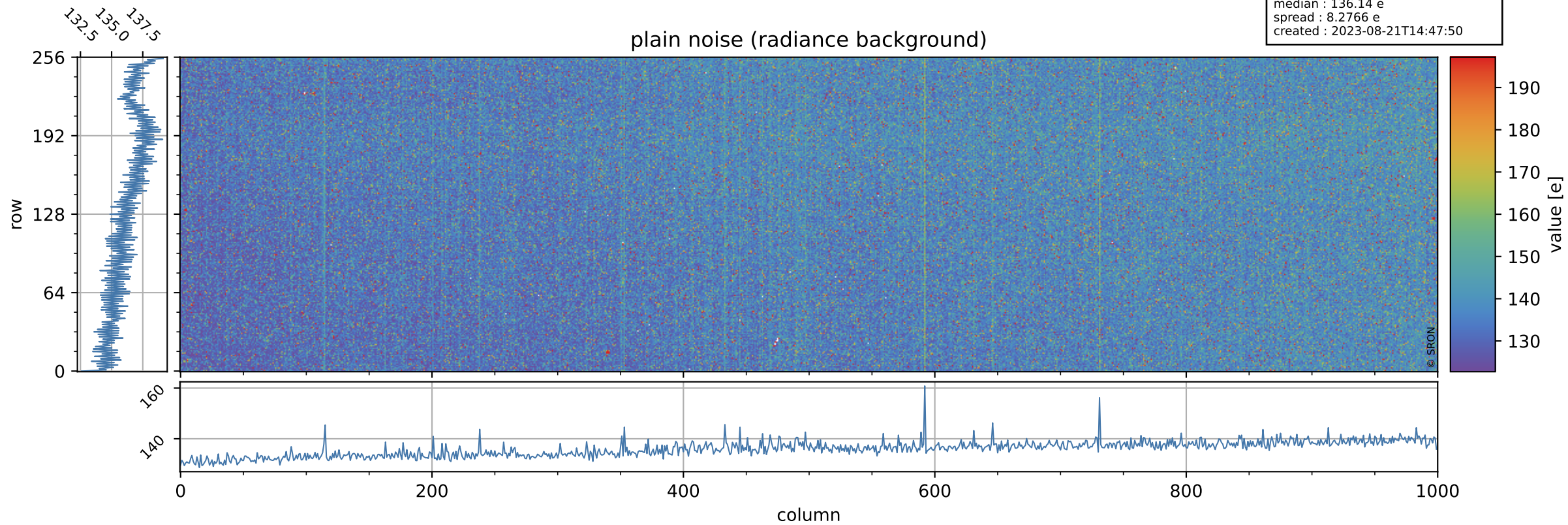
orbits : 12 in [7192, 7282]
coverage : 2019-03-04 / 2019-03-10
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.487 e
created : 2023-08-21T14:47:50



Tropomi SWIR background noise (swir)

orbits : 12 in [7192, 7282]
coverage : 2019-03-04 / 2019-03-10
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.2766 e
created : 2023-08-21T14:47:50

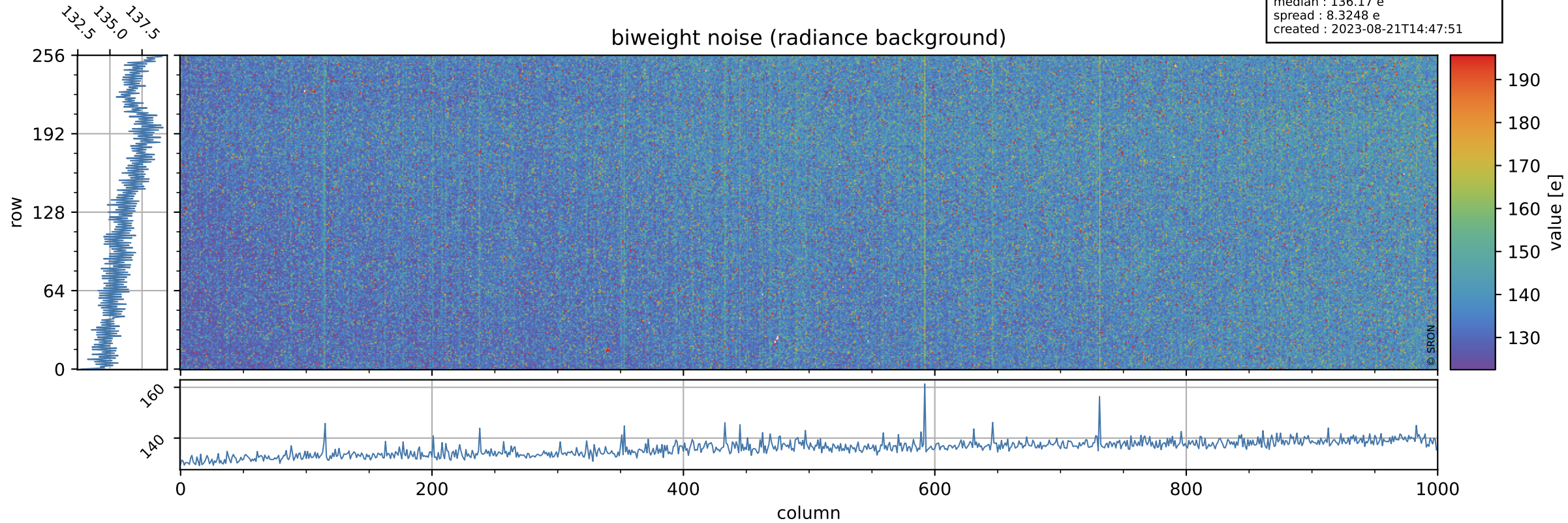
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7192, 7282]
coverage : 2019-03-04 / 2019-03-10
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.3248 e
created : 2023-08-21T14:47:51

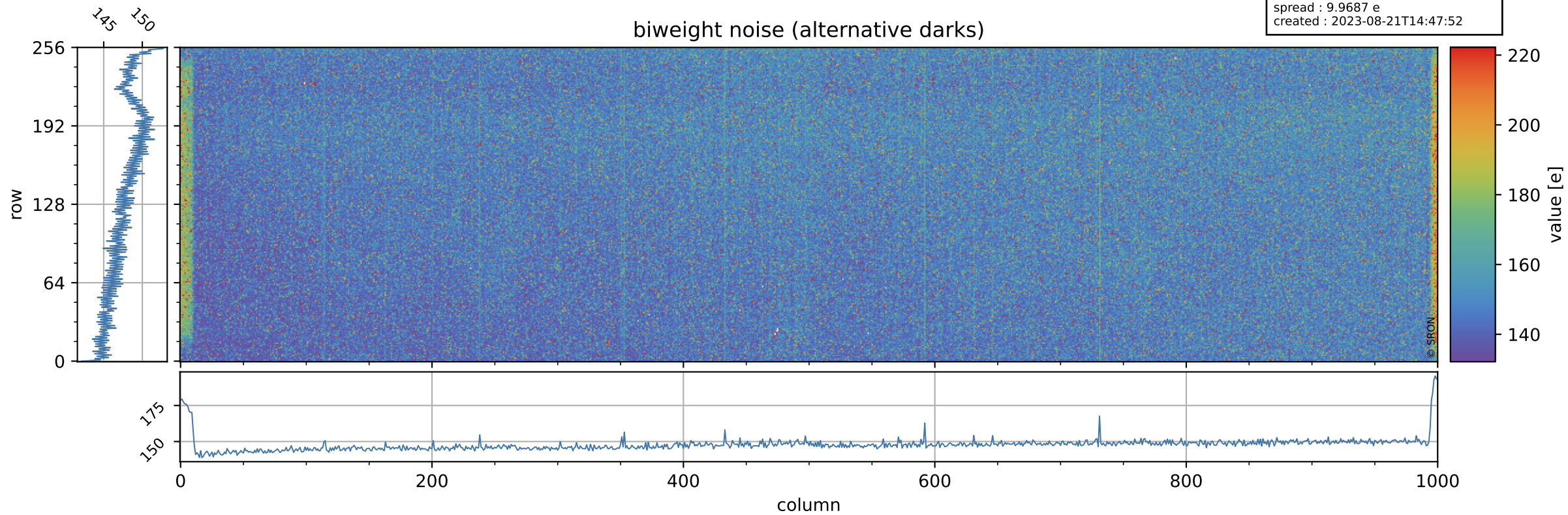
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7192, 7282]
coverage : 2019-03-04 / 2019-03-10
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 9.9687 e
created : 2023-08-21T14:47:52

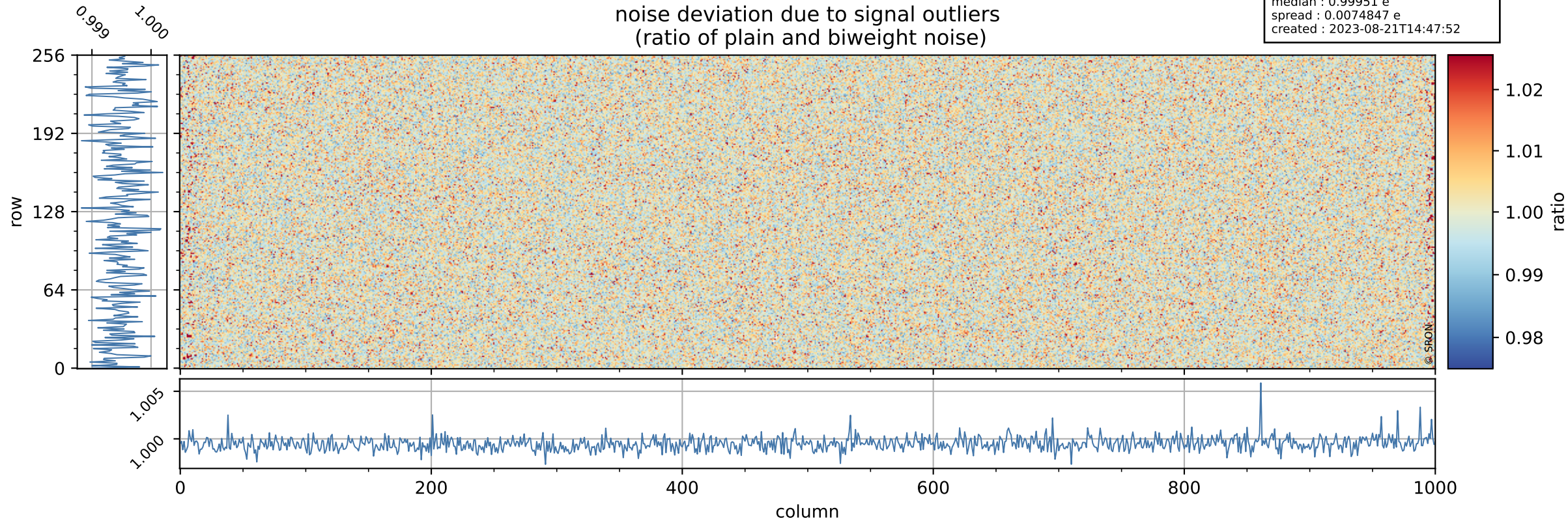
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

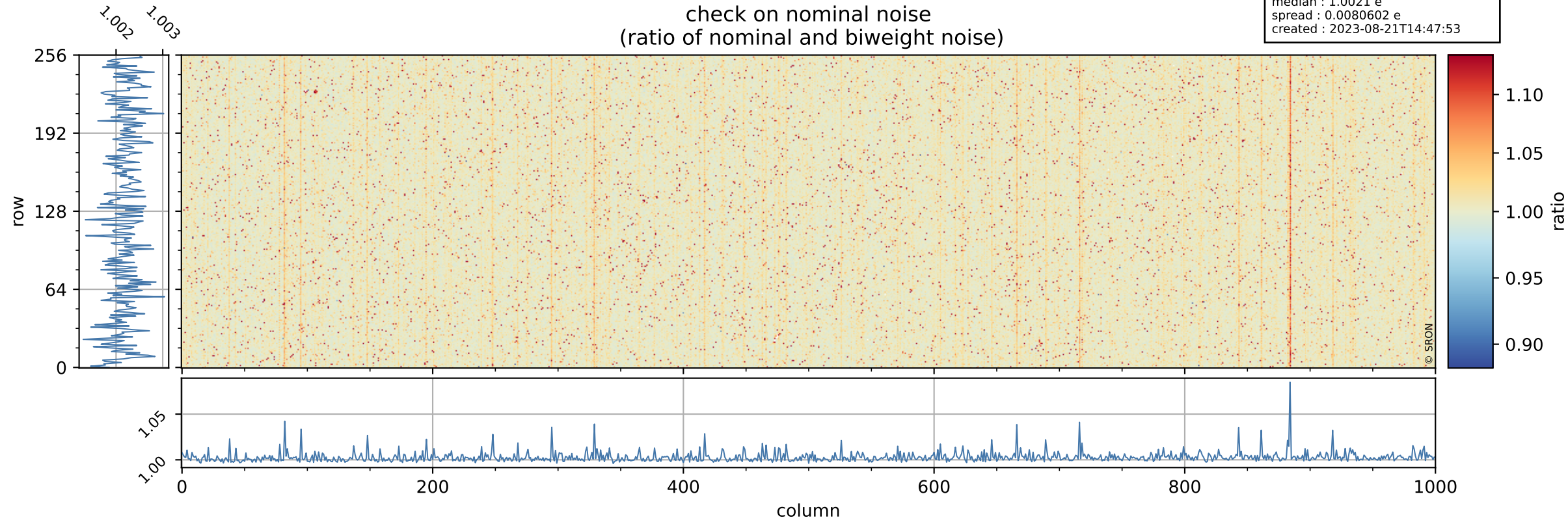
orbits : 12 in [7192, 7282]
coverage : 2019-03-04 / 2019-03-10
median : 0.99951 e
spread : 0.0074847 e
created : 2023-08-21T14:47:52



Tropomi SWIR background noise (swir)

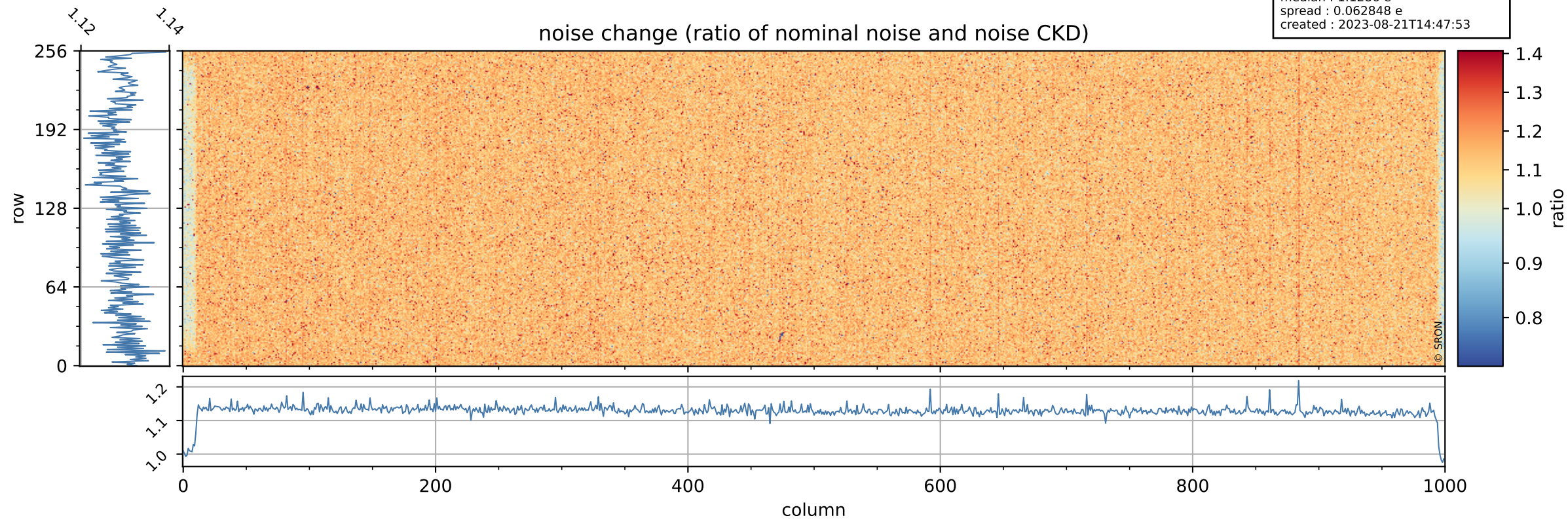
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7192, 7282]
coverage : 2019-03-04 / 2019-03-10
median : 1.0021 e
spread : 0.0080602 e
created : 2023-08-21T14:47:53



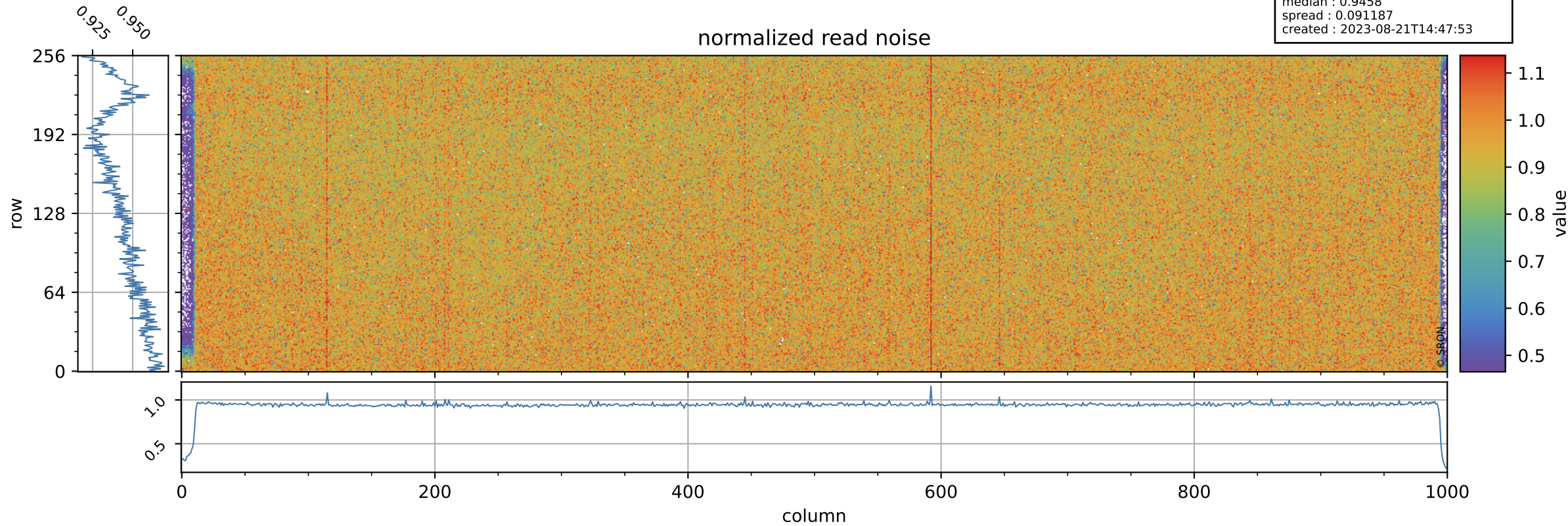
Tropomi SWIR background noise (swir)

orbits : 12 in [7192, 7282]
coverage : 2019-03-04 / 2019-03-10
median : 1.1286 e
spread : 0.062848 e
created : 2023-08-21T14:47:53



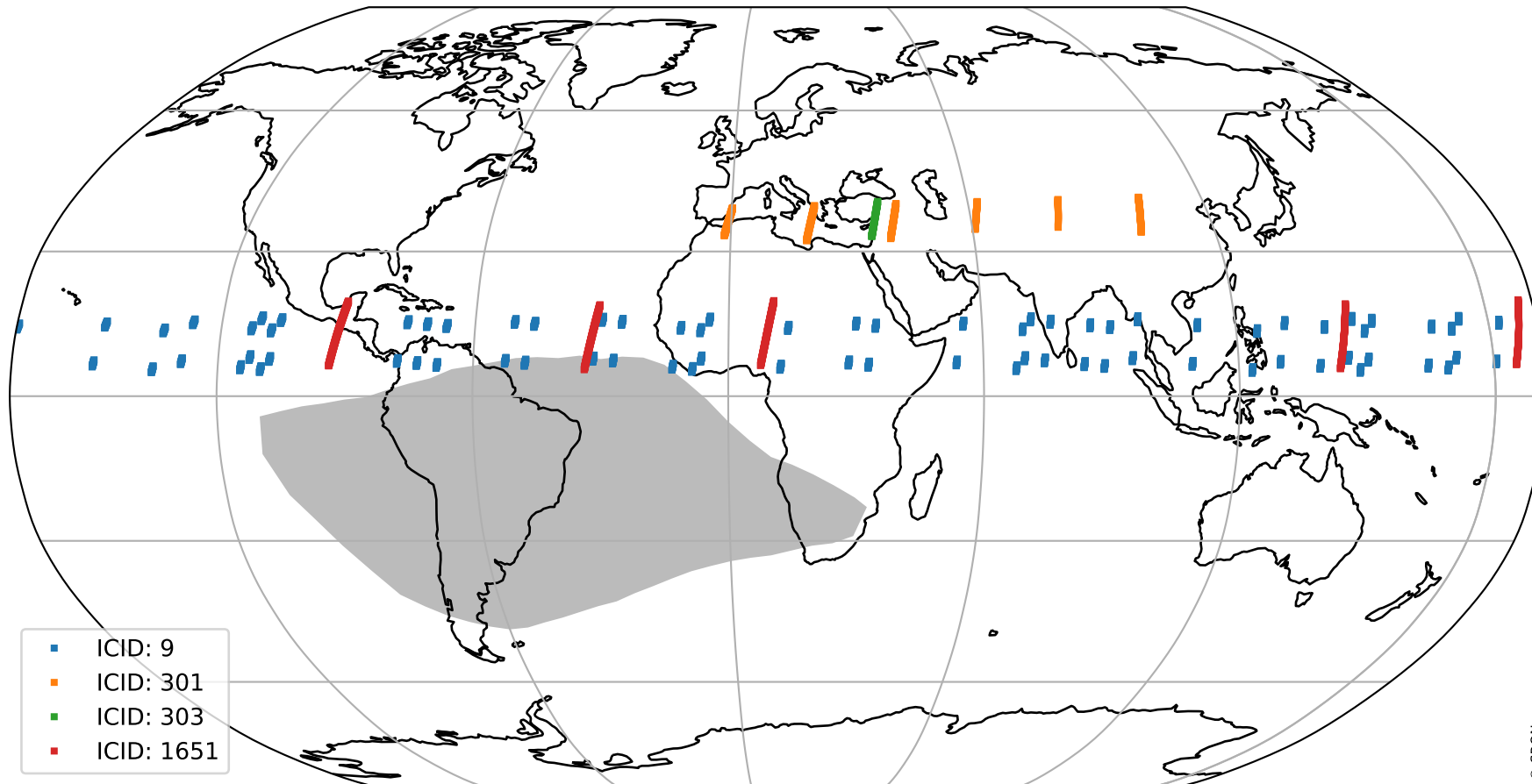
Tropomi SWIR background noise (swir)

orbits : 12 in [7192, 7282]
coverage : 2019-03-04 / 2019-03-10
median : 0.9458
spread : 0.091187
created : 2023-08-21T14:47:53



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

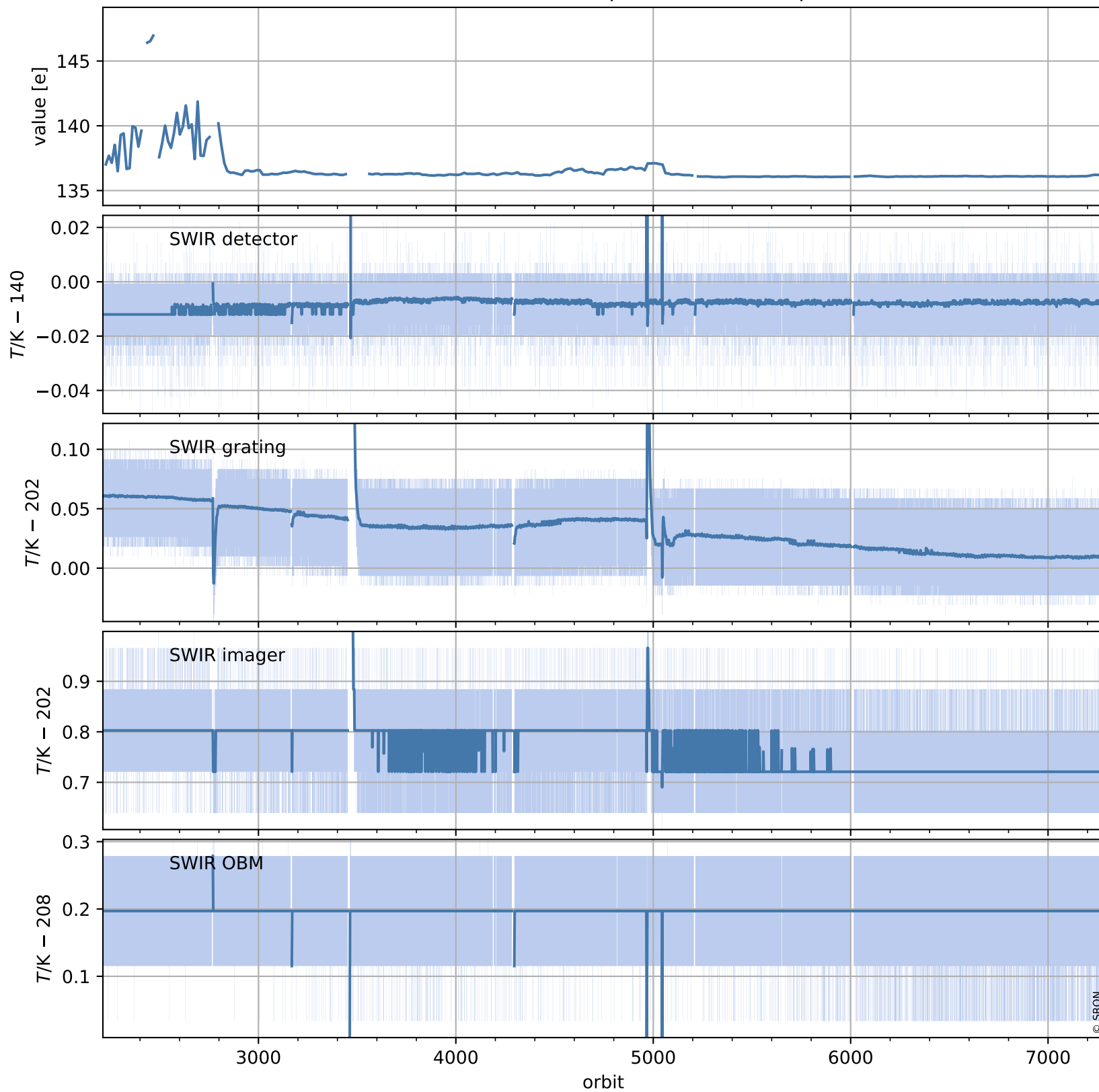
orbits : 12 in [7192, 7282]
coverage : 2019-03-04 / 2019-03-10
created : 2023-08-21T14:47:54



Tropomi SWIR background noise (swir)

orbits : [2212, 7282]
coverage : 2018-03-18 / 2019-03-10
created : 2023-08-21T14:47:54

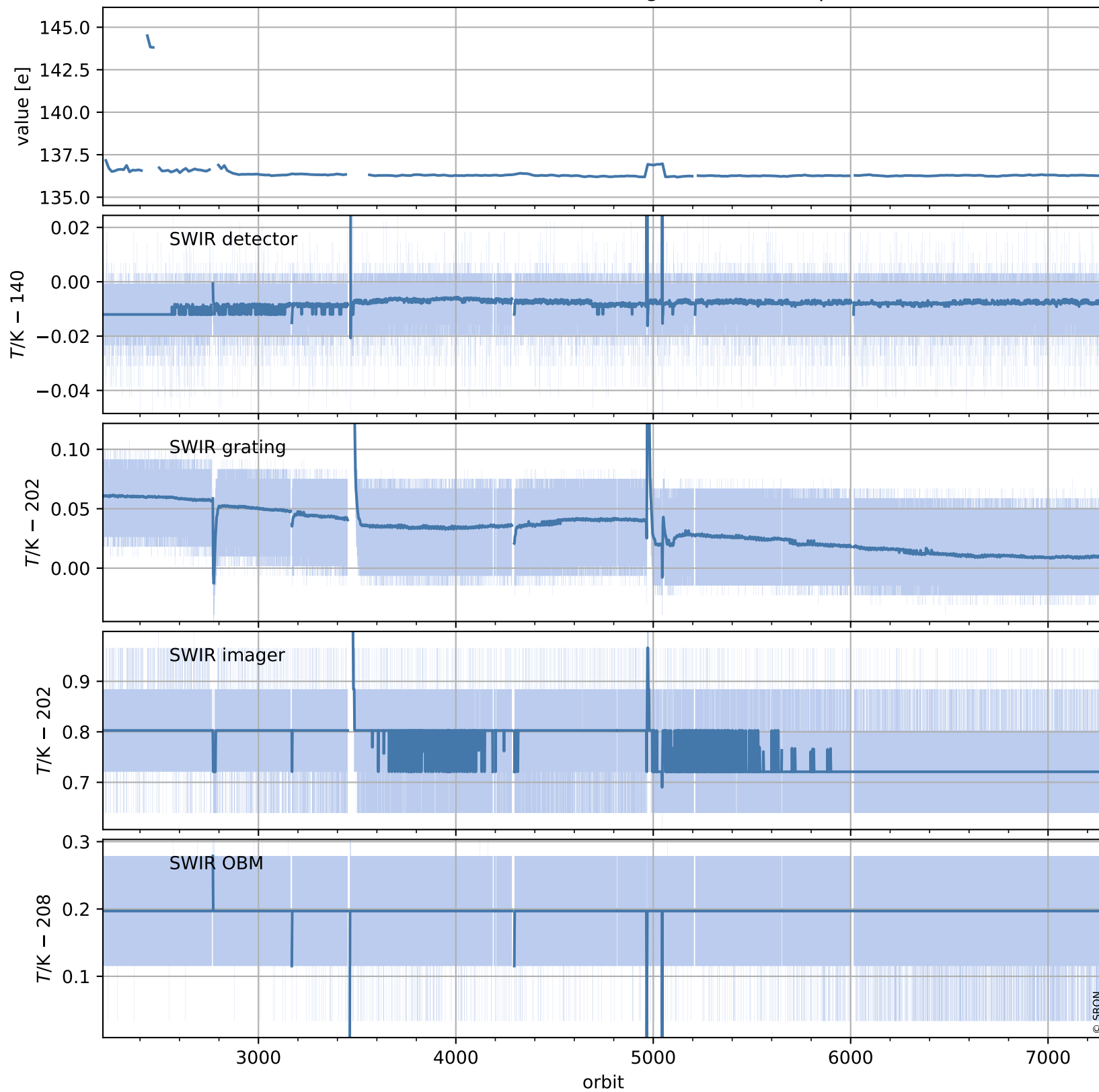
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7282]
coverage : 2018-03-18 / 2019-03-10
created : 2023-08-21T14:47:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7282]
coverage : 2018-03-18 / 2019-03-10
created : 2023-08-21T14:47:56

trend of normalized read-noise & temperatures

