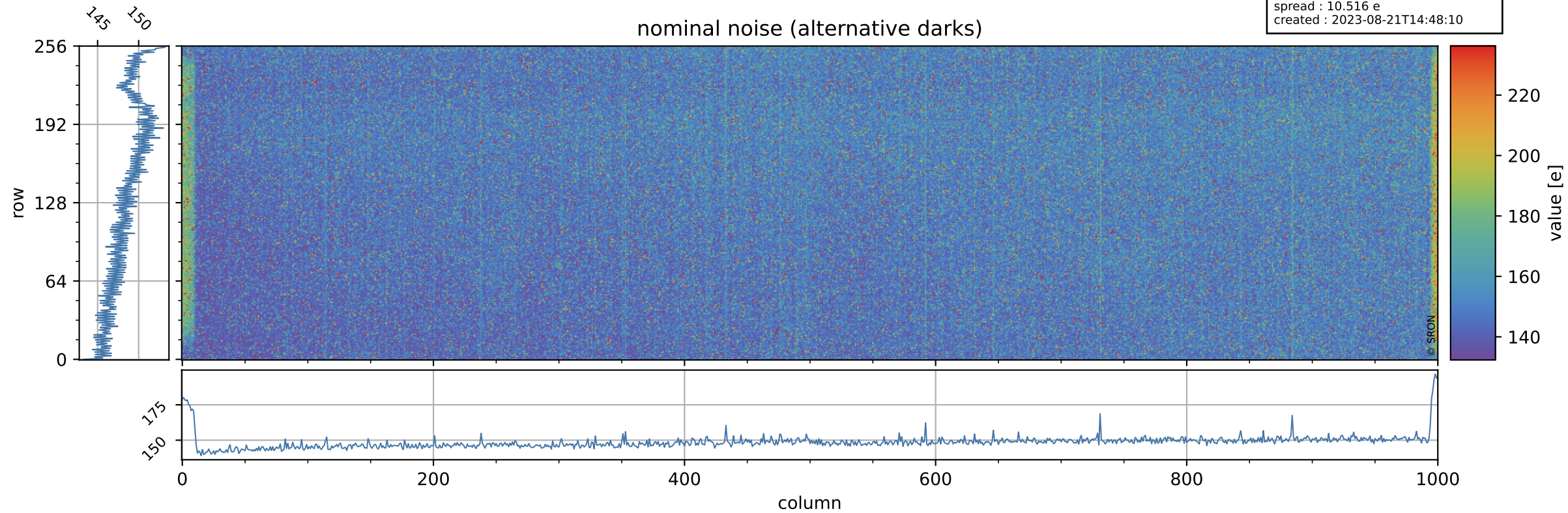


Tropomi SWIR background noise (swir)

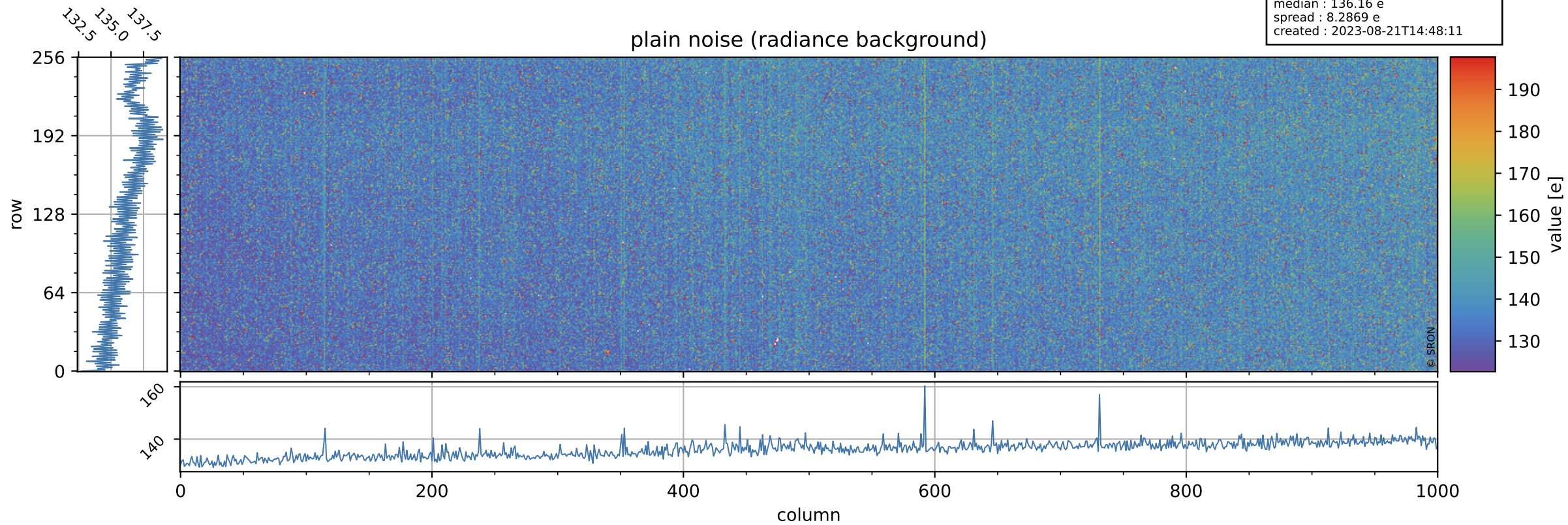
orbits : 12 in [7237, 7327]
coverage : 2019-03-07 / 2019-03-13
n_coad, t_exp : 1, 1.0783
median : 148.43 e
spread : 10.516 e
created : 2023-08-21T14:48:10



Tropomi SWIR background noise (swir)

orbits : 12 in [7237, 7327]
coverage : 2019-03-07 / 2019-03-13
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.2869 e
created : 2023-08-21T14:48:11

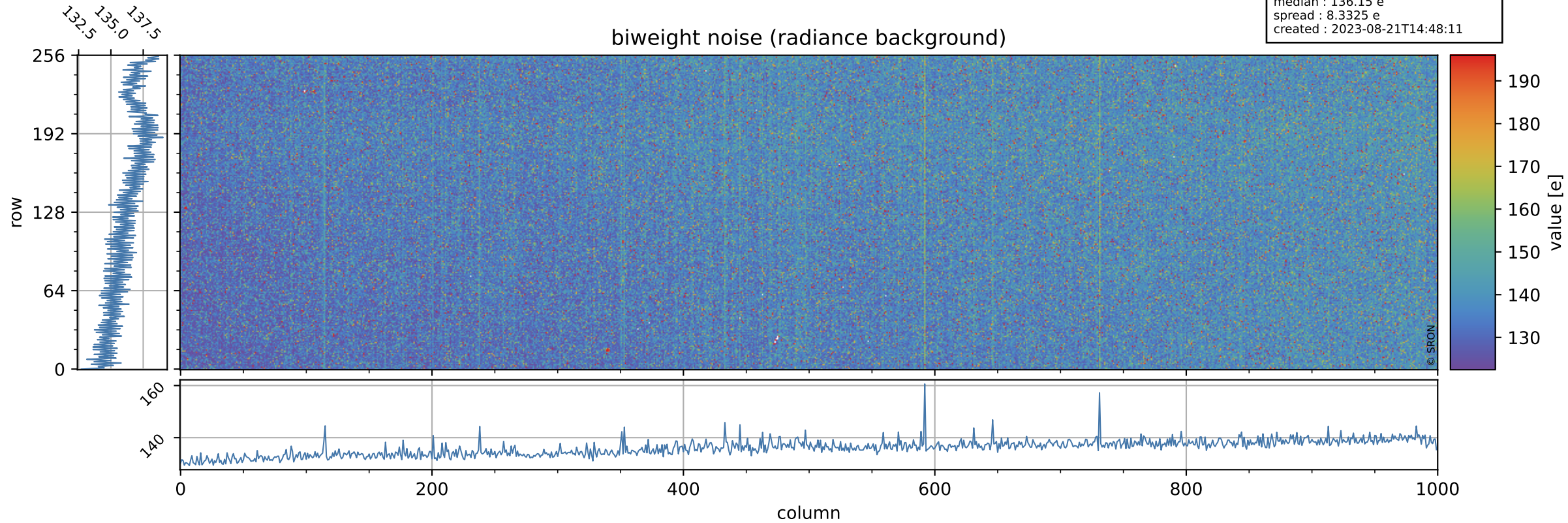
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7237, 7327]
coverage : 2019-03-07 / 2019-03-13
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.3325 e
created : 2023-08-21T14:48:11

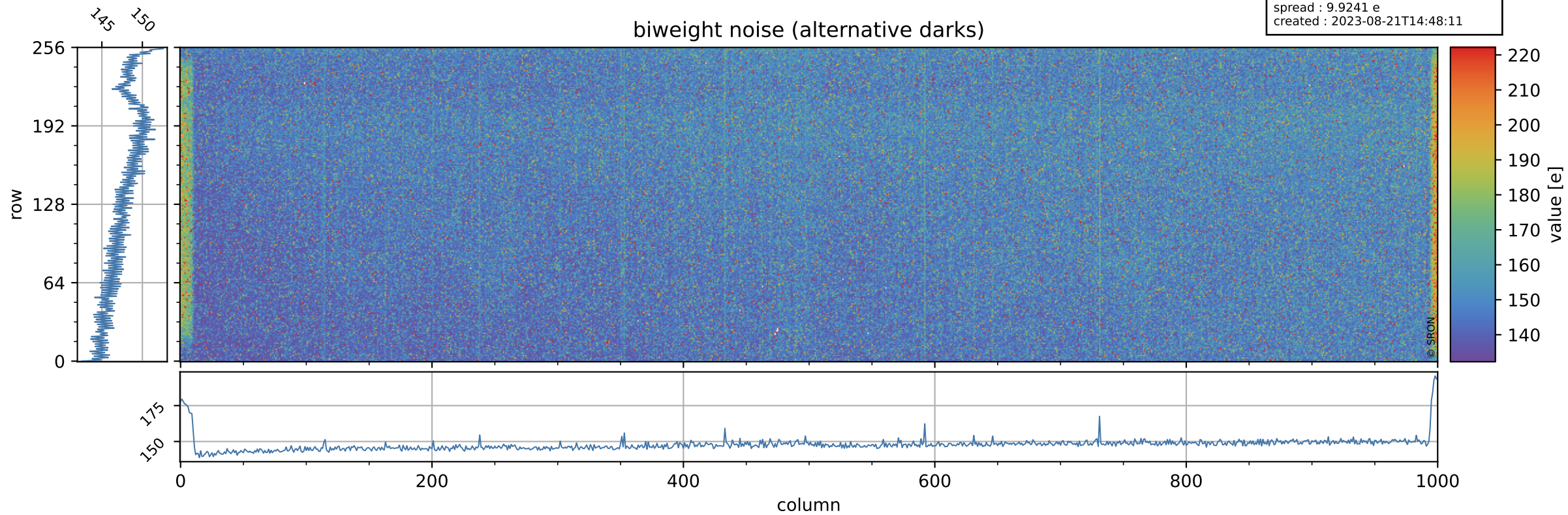
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7237, 7327]
coverage : 2019-03-07 / 2019-03-13
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.9241 e
created : 2023-08-21T14:48:11

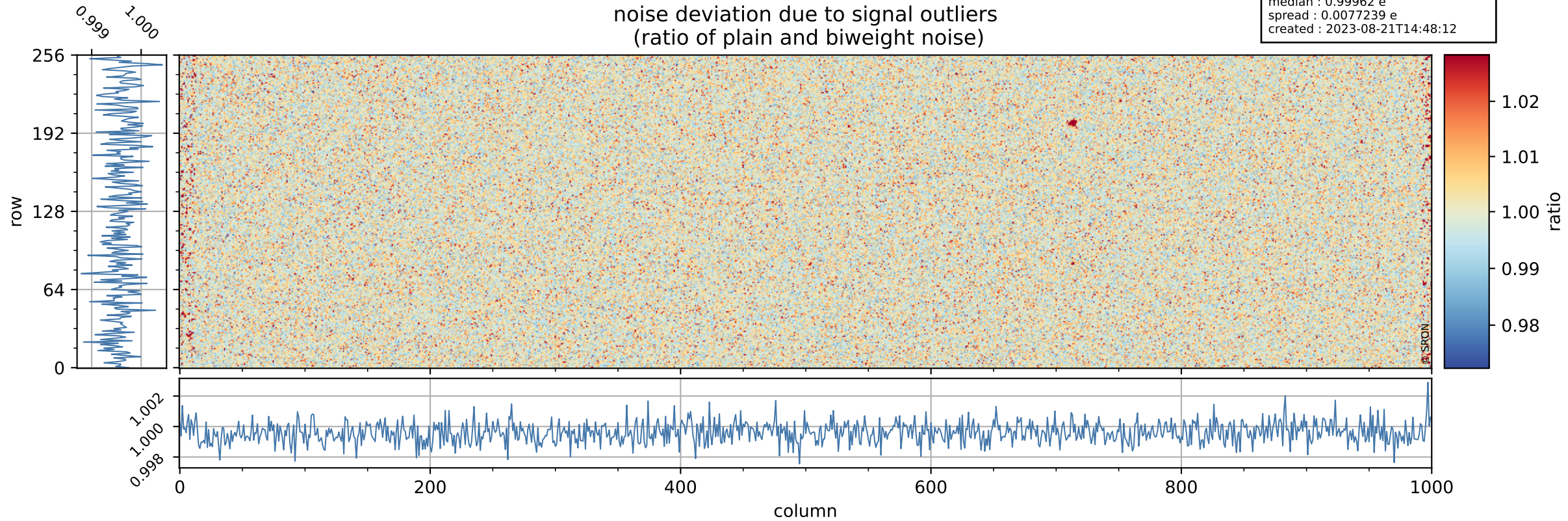
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

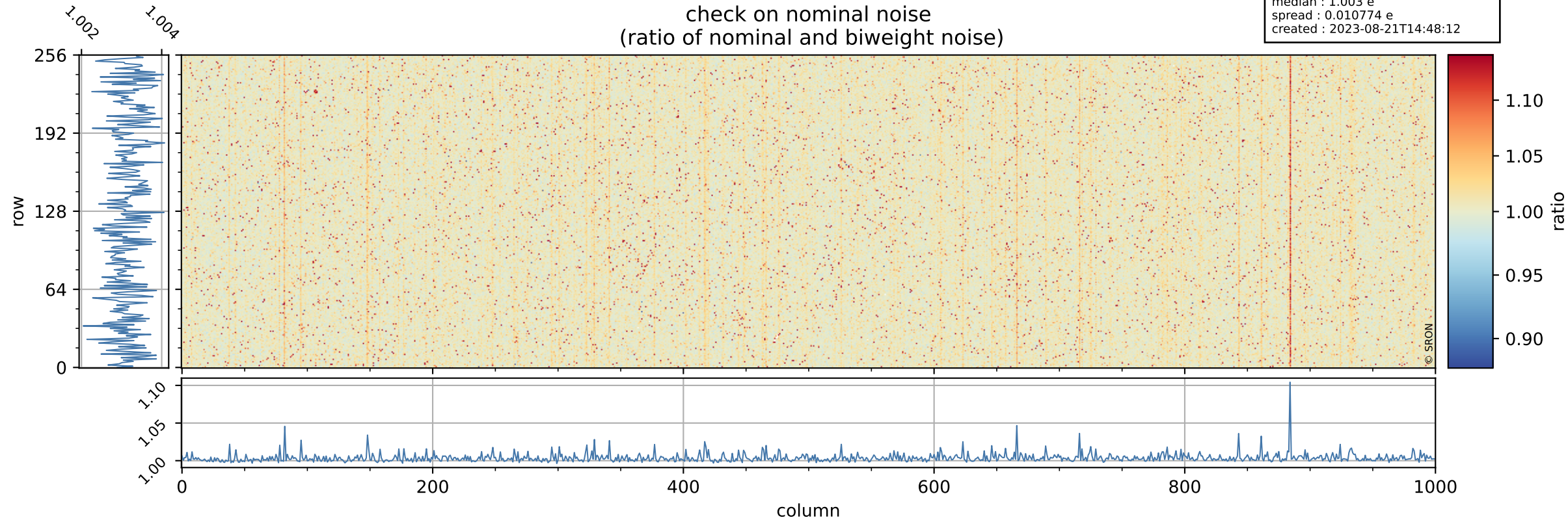
orbits : 12 in [7237, 7327]
coverage : 2019-03-07 / 2019-03-13
median : 0.99962 e
spread : 0.0077239 e
created : 2023-08-21T14:48:12



Tropomi SWIR background noise (swir)

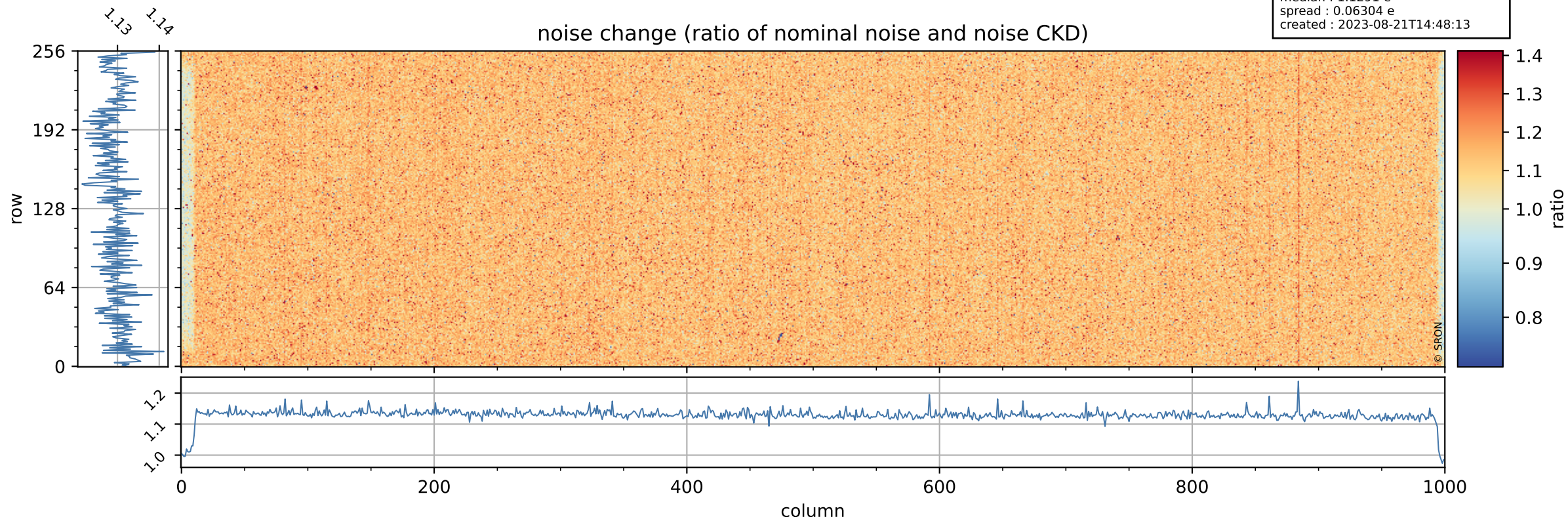
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7237, 7327]
coverage : 2019-03-07 / 2019-03-13
median : 1.003 e
spread : 0.010774 e
created : 2023-08-21T14:48:12



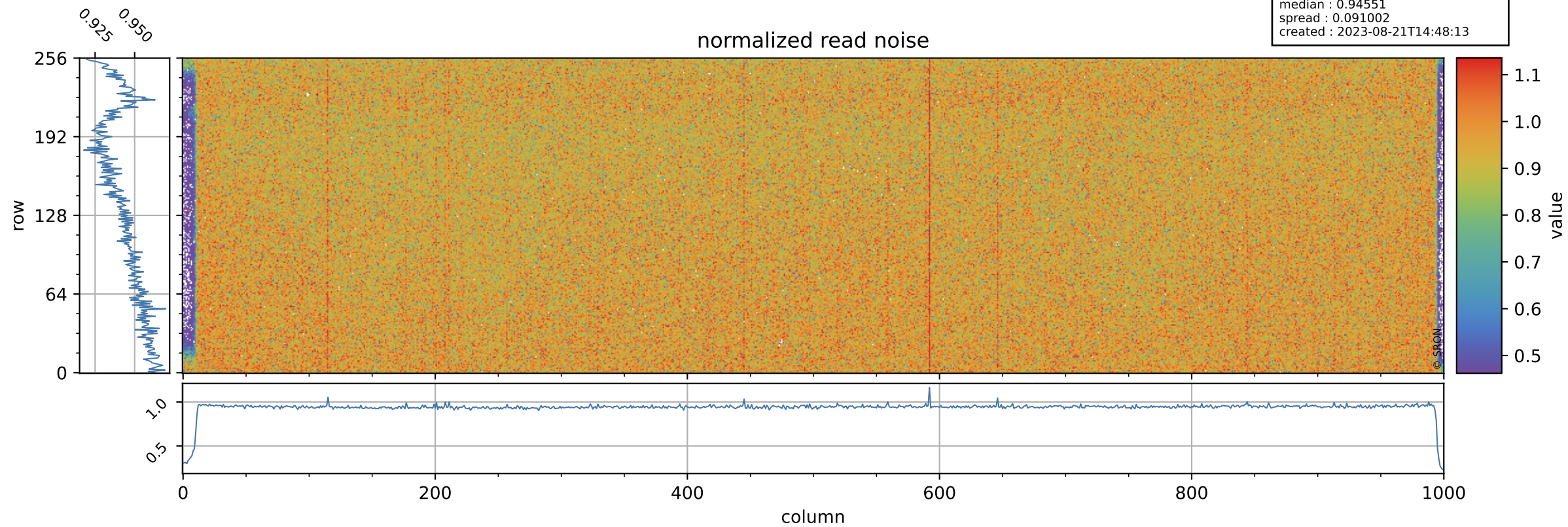
Tropomi SWIR background noise (swir)

orbits : 12 in [7237, 7327]
coverage : 2019-03-07 / 2019-03-13
median : 1.1291 e
spread : 0.06304 e
created : 2023-08-21T14:48:13



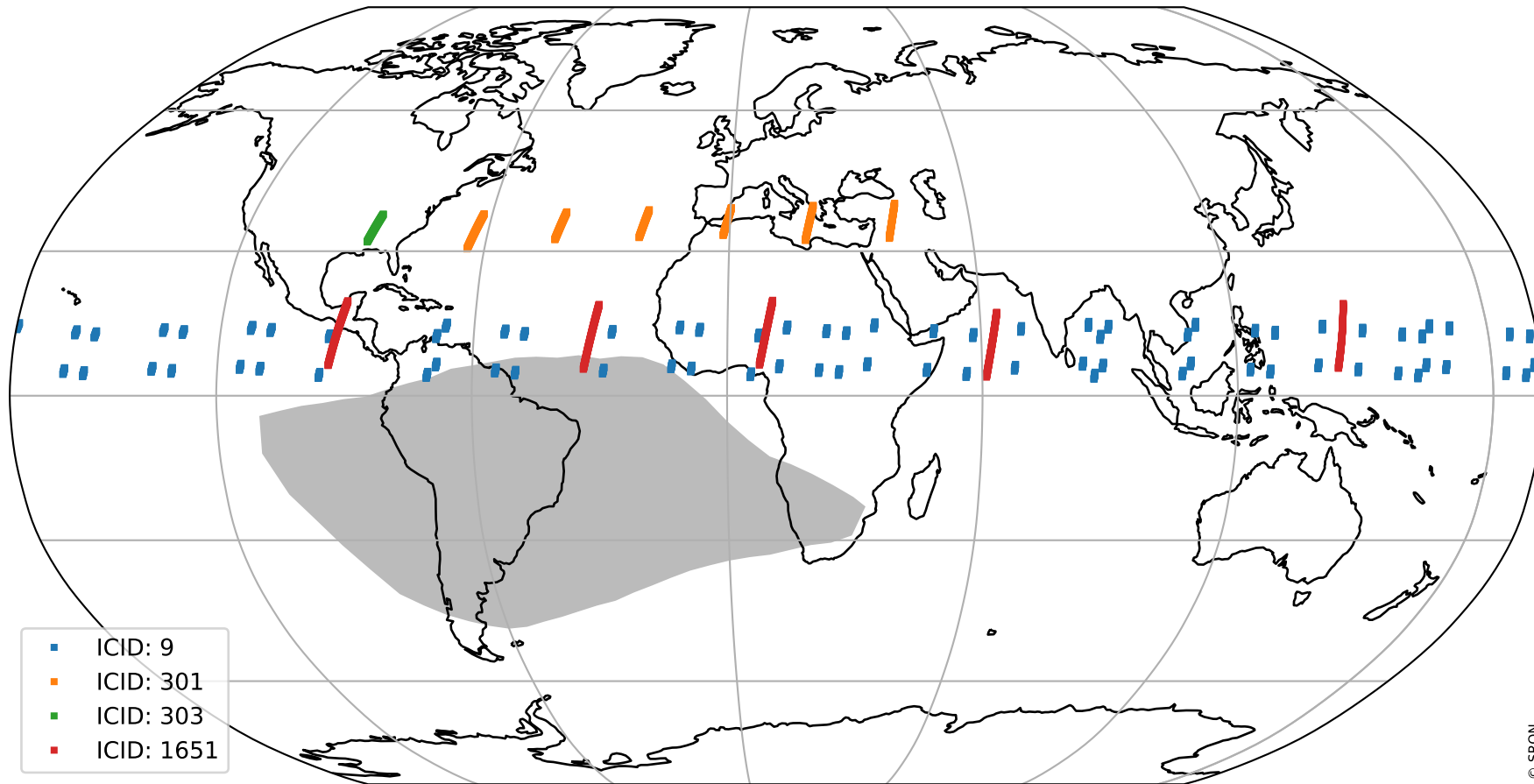
Tropomi SWIR background noise (swir)

orbits : 12 in [7237, 7327]
coverage : 2019-03-07 / 2019-03-13
median : 0.94551
spread : 0.091002
created : 2023-08-21T14:48:13



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

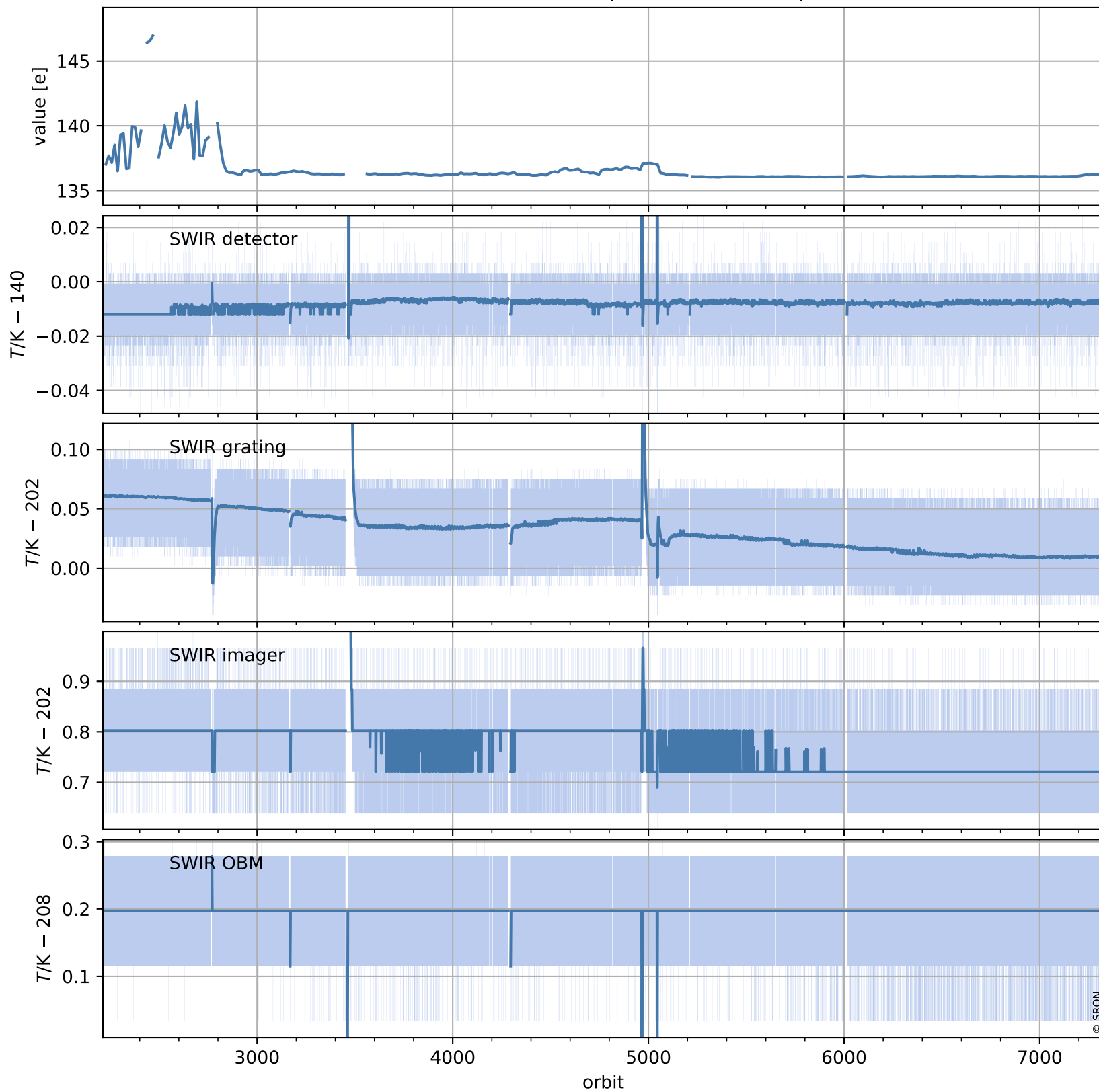
orbits : 12 in [7237, 7327]
coverage : 2019-03-07 / 2019-03-13
created : 2023-08-21T14:48:13



Tropomi SWIR background noise (swir)

orbits : [2212, 7327]
coverage : 2018-03-18 / 2019-03-13
created : 2023-08-21T14:48:14

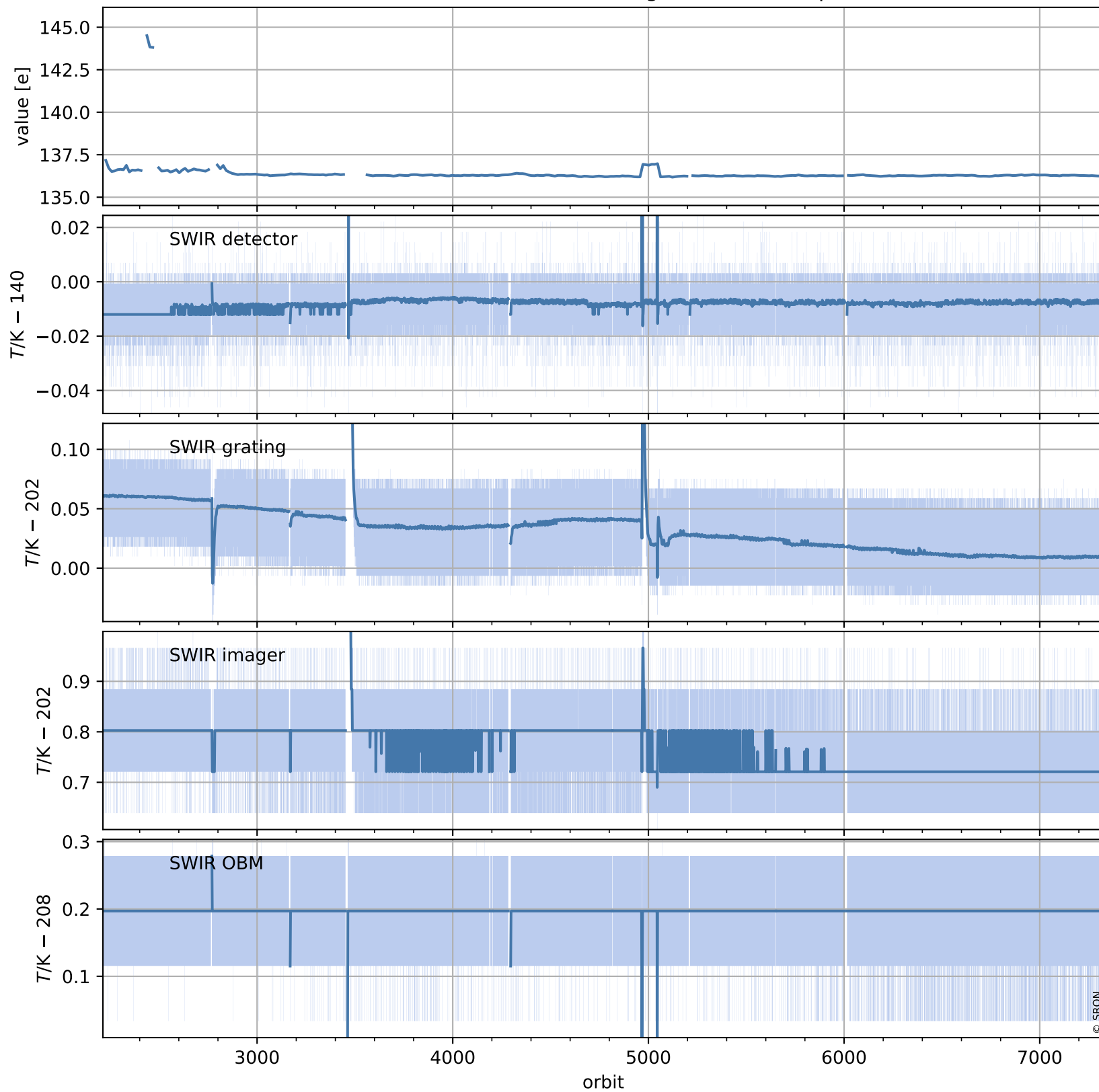
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7327]
coverage : 2018-03-18 / 2019-03-13
created : 2023-08-21T14:48:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7327]
coverage : 2018-03-18 / 2019-03-13
created : 2023-08-21T14:48:15

trend of normalized read-noise & temperatures

