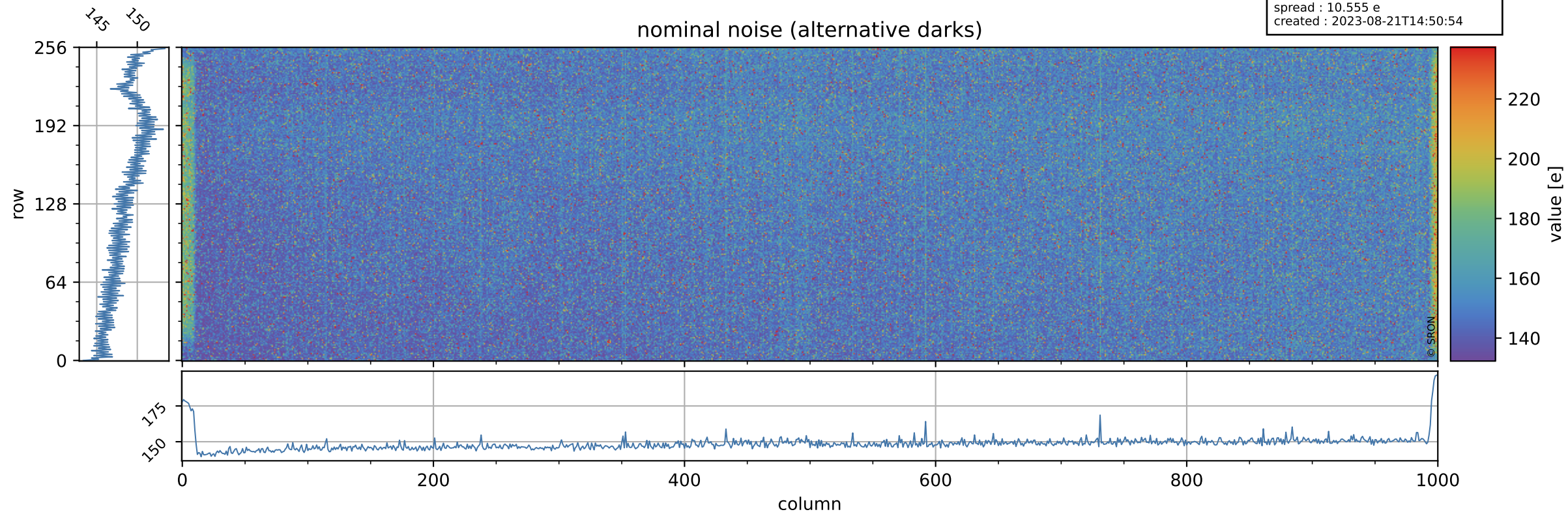


Tropomi SWIR background noise (swir)

orbits : 12 in [7612, 7702]
coverage : 2019-04-03 / 2019-04-09
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.555 e
created : 2023-08-21T14:50:54

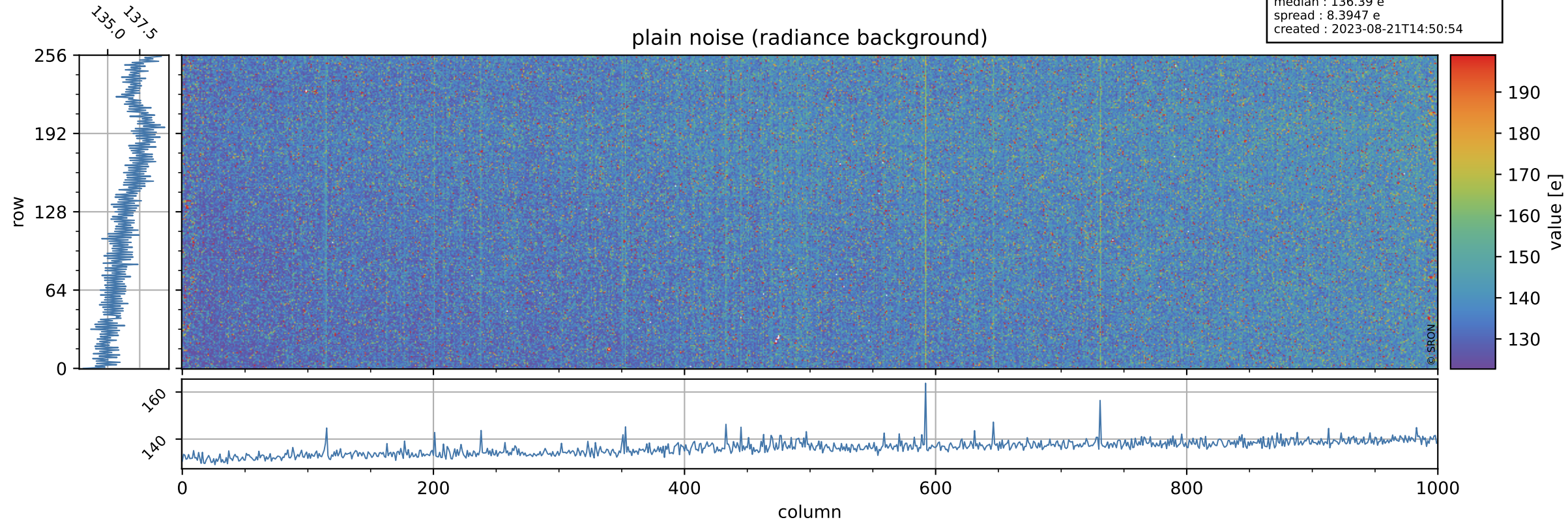
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [7612, 7702]
coverage : 2019-04-03 / 2019-04-09
n_coad, t_exp : 2, 0.5383
median : 136.39 e
spread : 8.3947 e
created : 2023-08-21T14:50:54

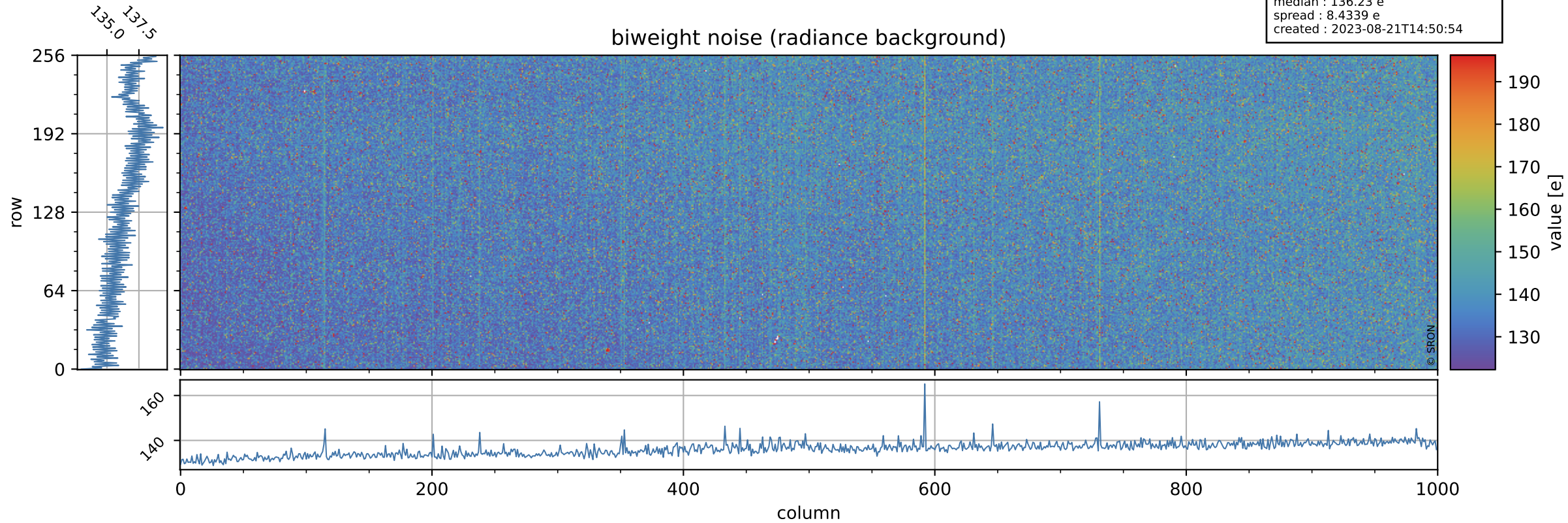
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7612, 7702]
coverage : 2019-04-03 / 2019-04-09
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.4339 e
created : 2023-08-21T14:50:54

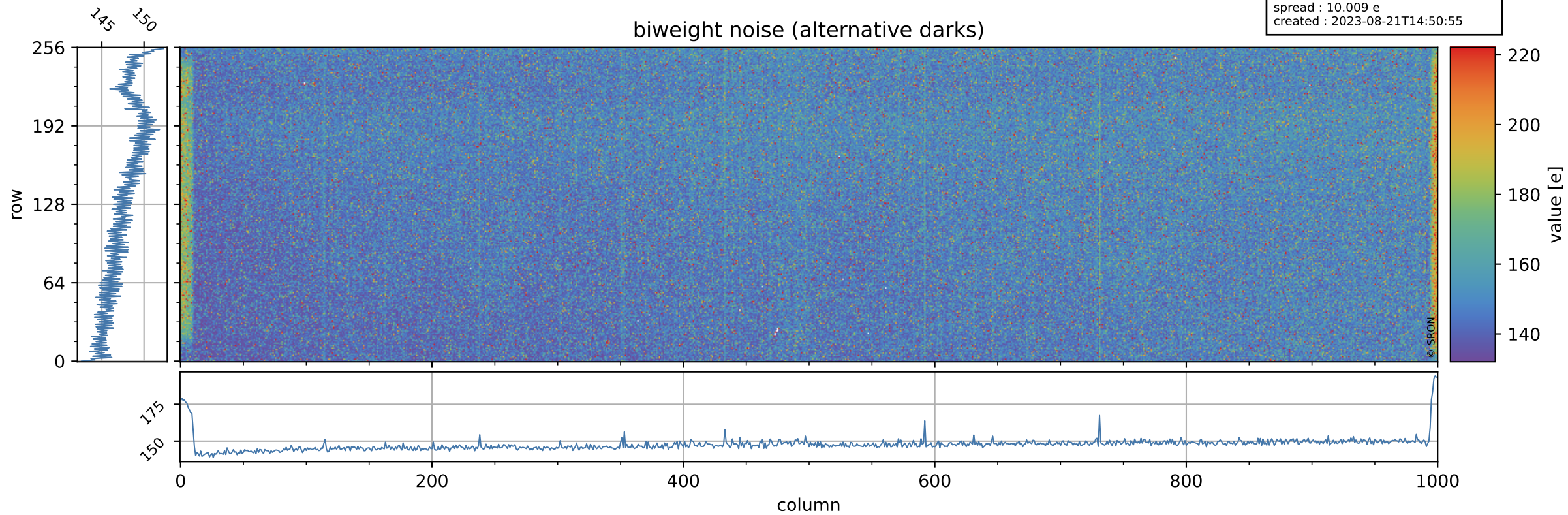
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7612, 7702]
coverage : 2019-04-03 / 2019-04-09
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 10.009 e
created : 2023-08-21T14:50:55

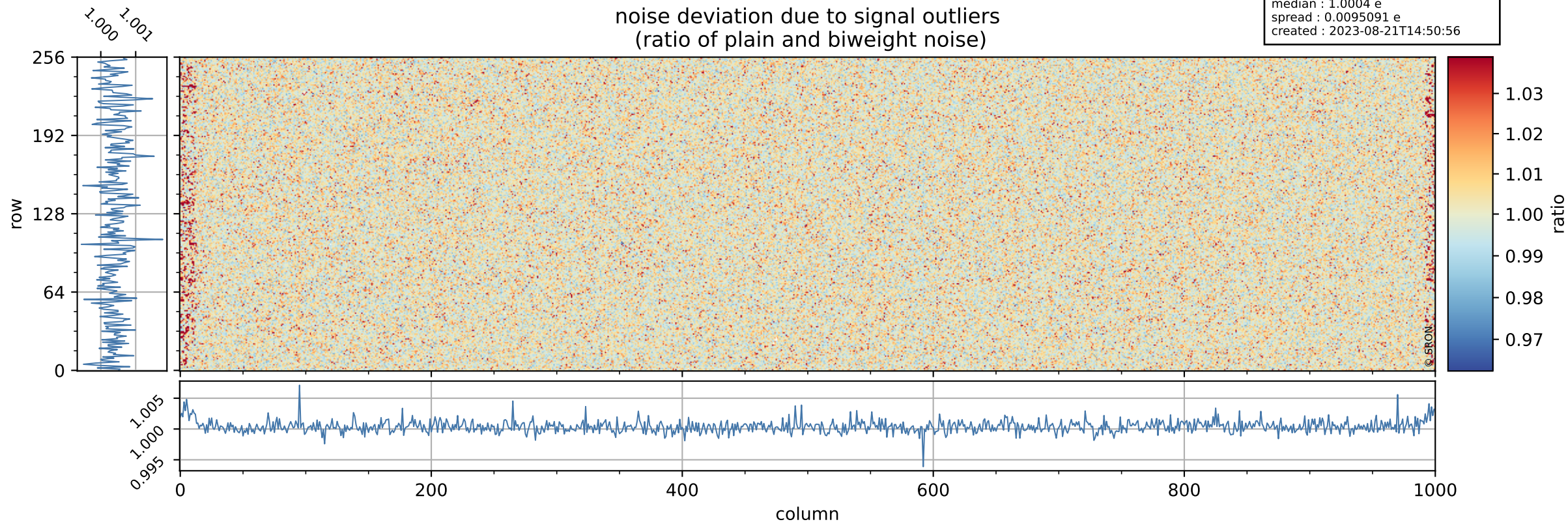
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

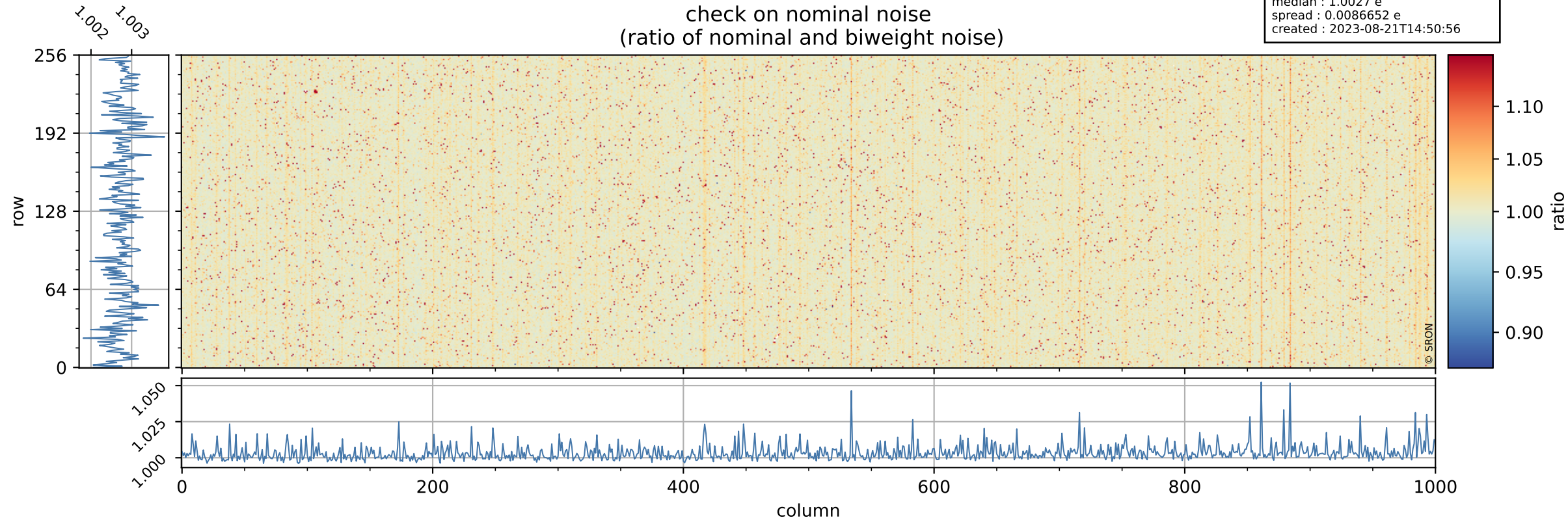
orbits : 12 in [7612, 7702]
coverage : 2019-04-03 / 2019-04-09
median : 1.0004 e
spread : 0.0095091 e
created : 2023-08-21T14:50:56



Tropomi SWIR background noise (swir)

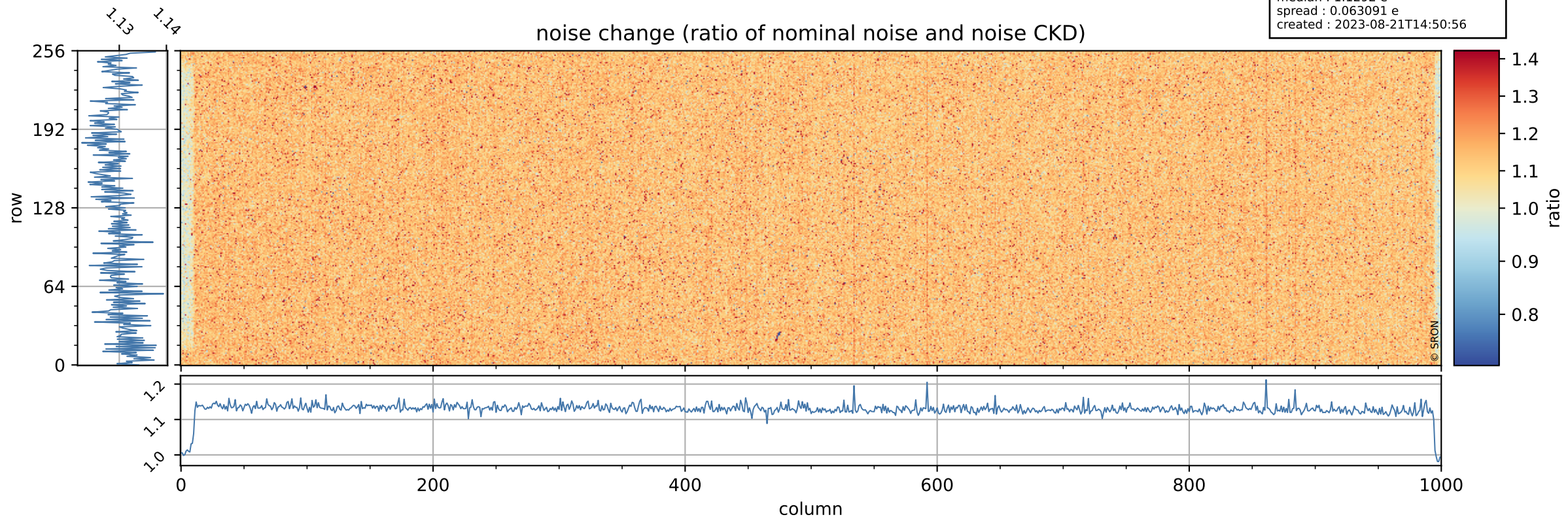
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7612, 7702]
coverage : 2019-04-03 / 2019-04-09
median : 1.0027 e
spread : 0.0086652 e
created : 2023-08-21T14:50:56



Tropomi SWIR background noise (swir)

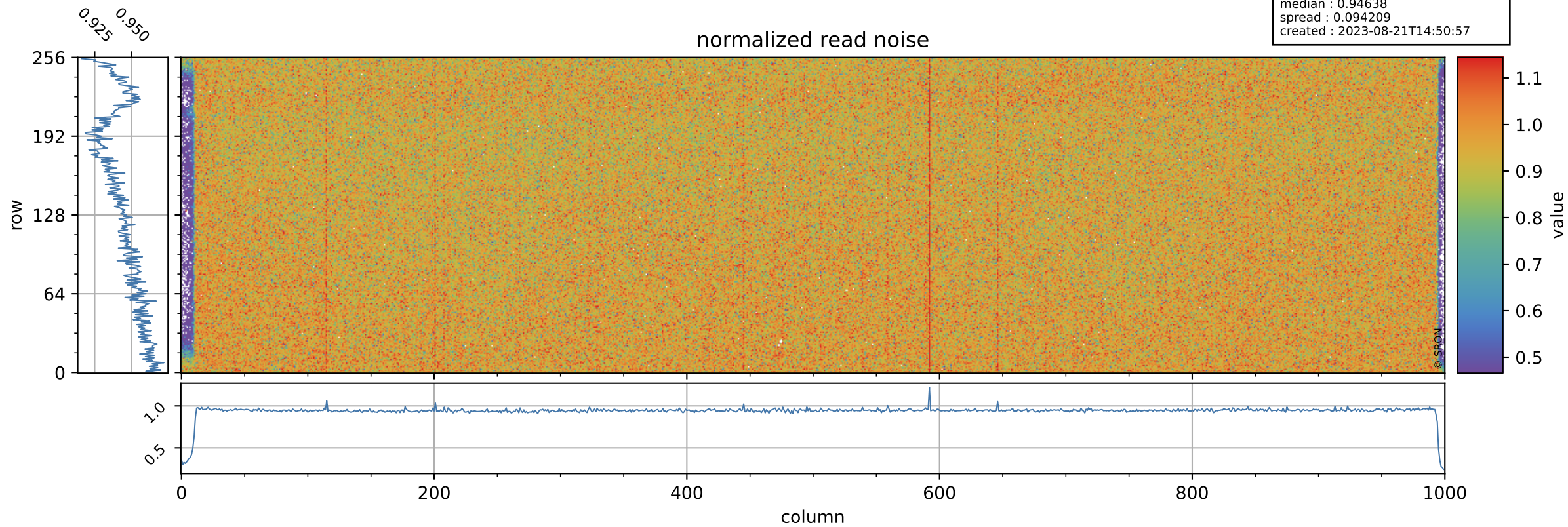
orbits : 12 in [7612, 7702]
coverage : 2019-04-03 / 2019-04-09
median : 1.1292 e
spread : 0.063091 e
created : 2023-08-21T14:50:56



Tropomi SWIR background noise (swir)

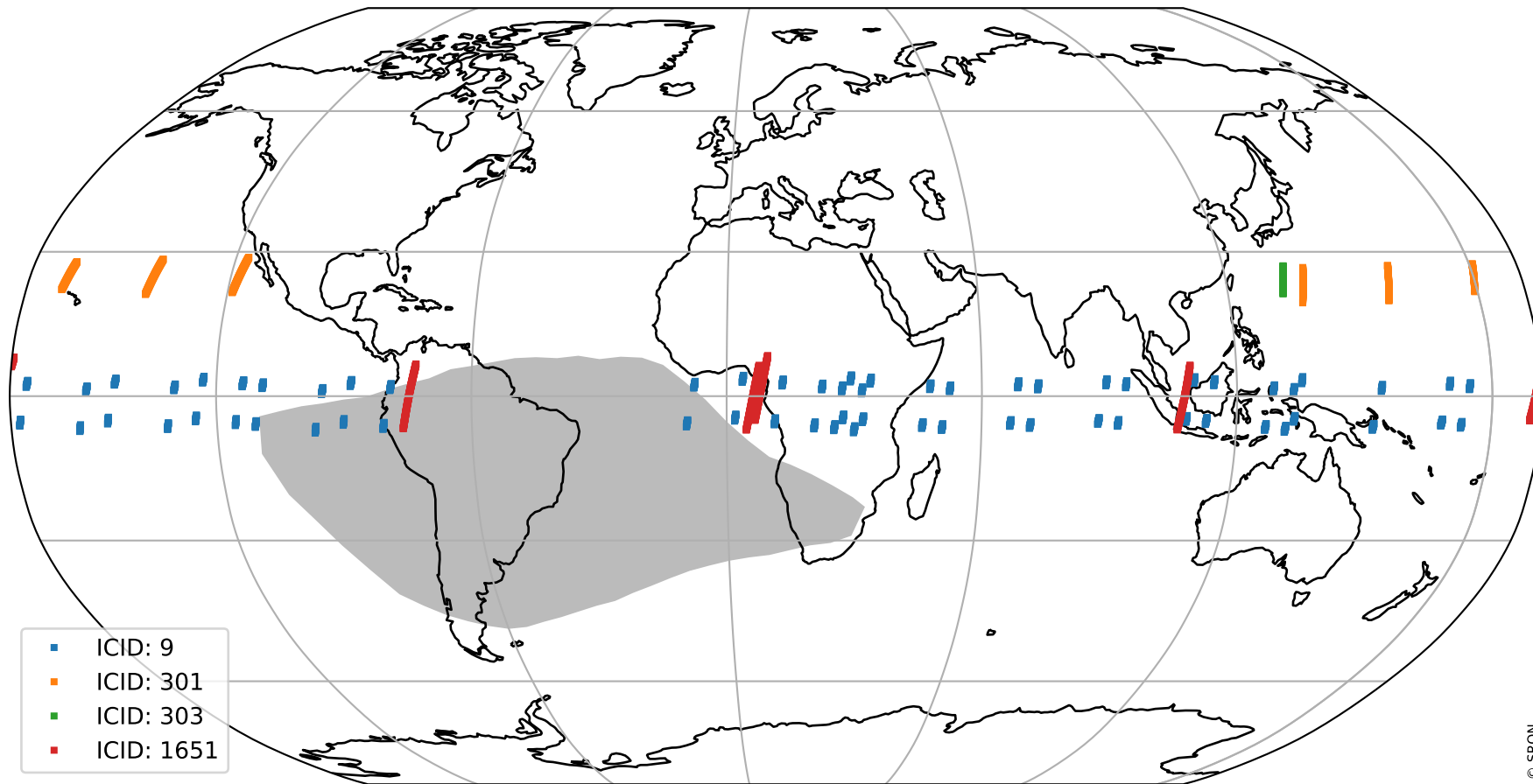
orbits : 12 in [7612, 7702]
coverage : 2019-04-03 / 2019-04-09
median : 0.94638
spread : 0.094209
created : 2023-08-21T14:50:57

normalized read noise



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

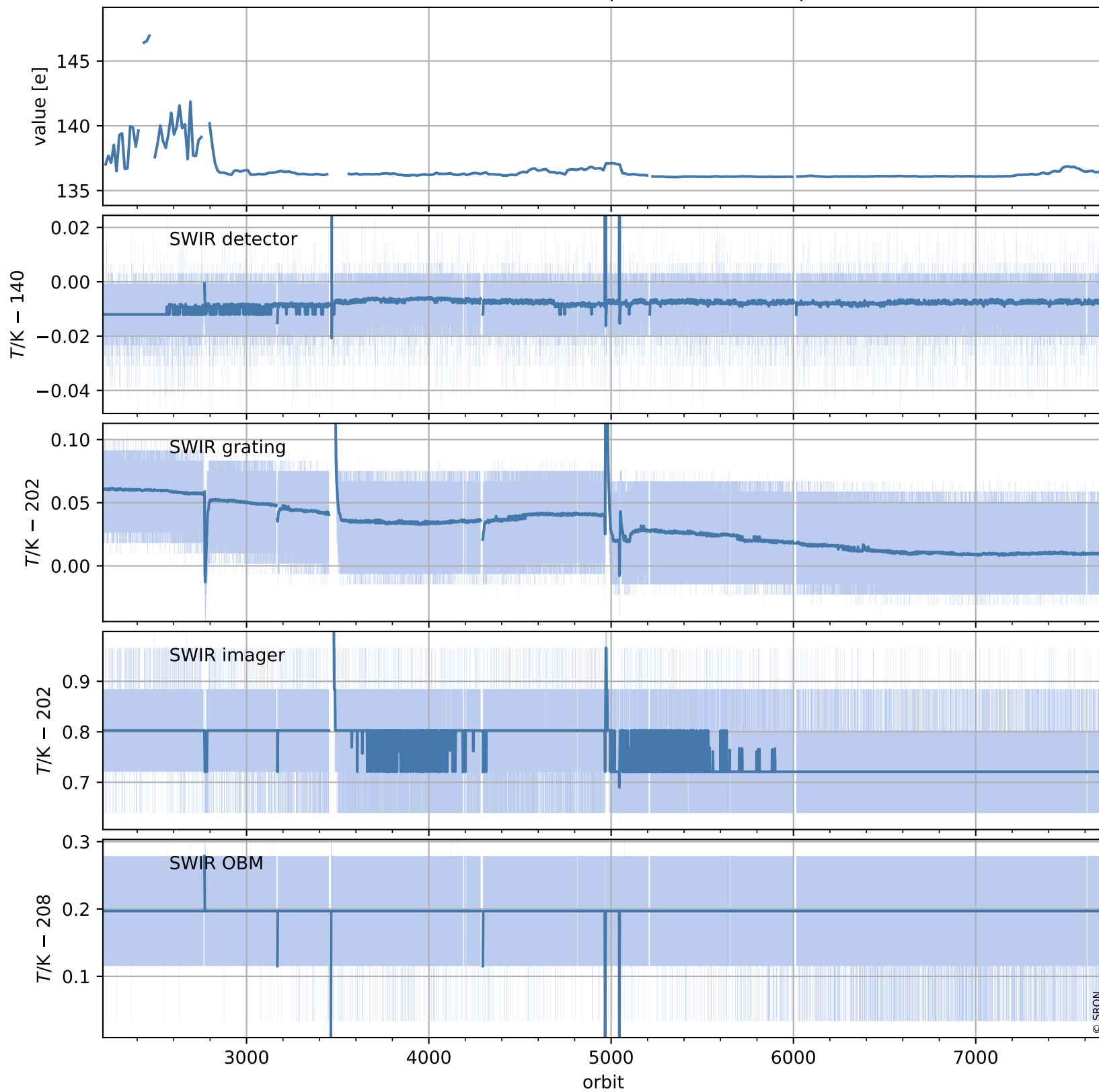
orbits : 12 in [7612, 7702]
coverage : 2019-04-03 / 2019-04-09
created : 2023-08-21T14:50:57



Tropomi SWIR background noise (swir)

orbits : [2212, 7702]
coverage : 2018-03-18 / 2019-04-09
created : 2023-08-21T14:50:58

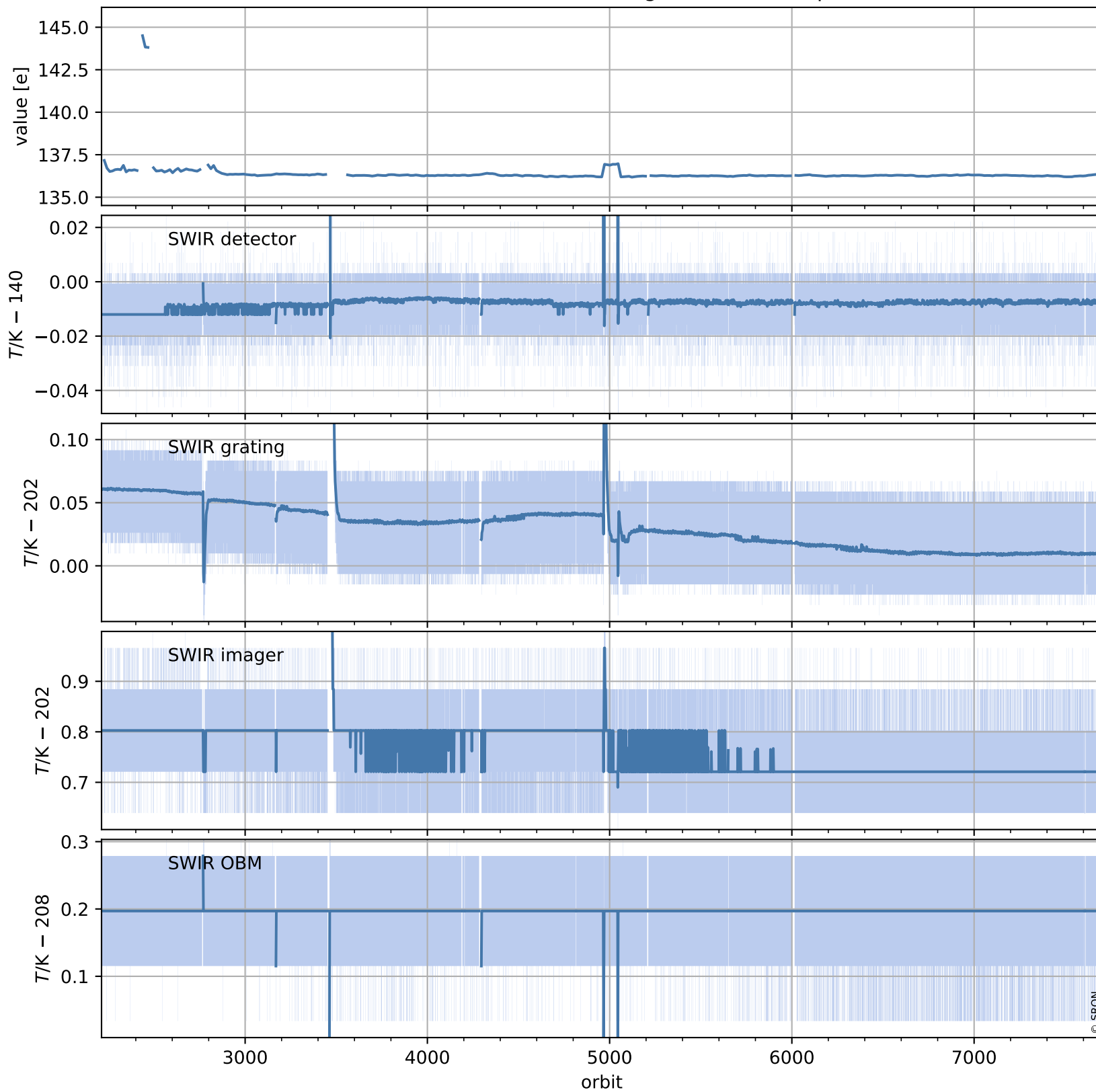
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7702]
coverage : 2018-03-18 / 2019-04-09
created : 2023-08-21T14:50:58

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7702]
coverage : 2018-03-18 / 2019-04-09
created : 2023-08-21T14:50:59

trend of normalized read-noise & temperatures

