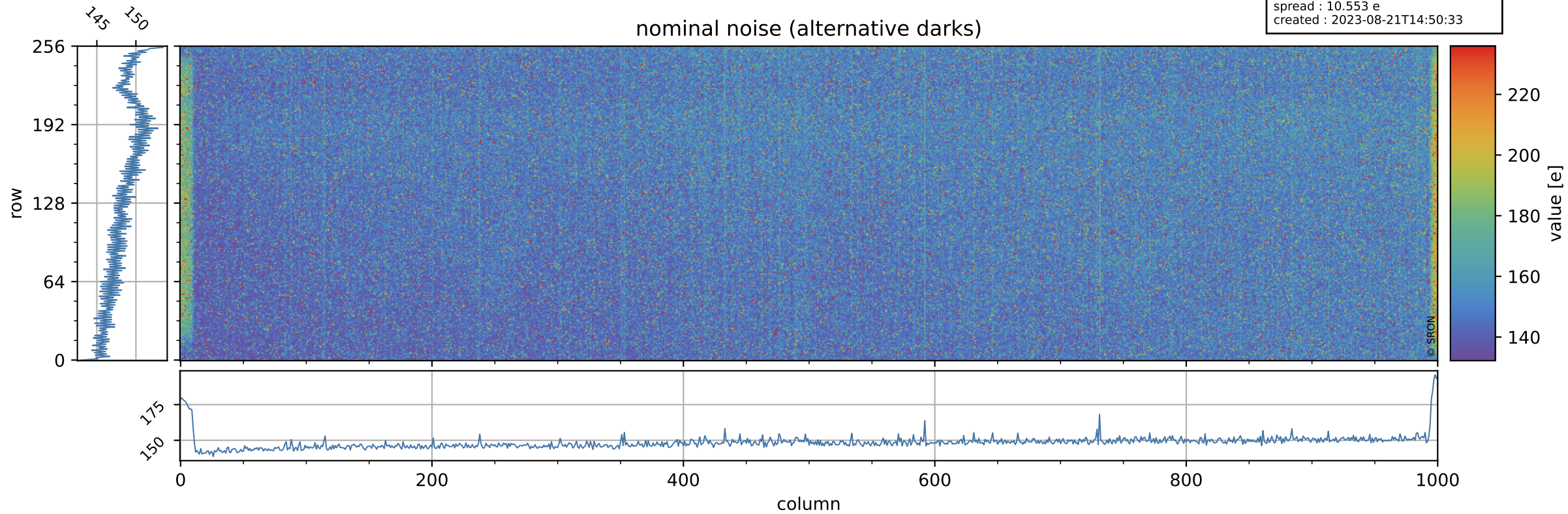


Tropomi SWIR background noise (swir)

orbits : 11 in [7582, 7657]
coverage : 2019-03-31 / 2019-04-05
n_coad, t_exp : 1, 1.0783
median : 148.31 e
spread : 10.553 e
created : 2023-08-21T14:50:33

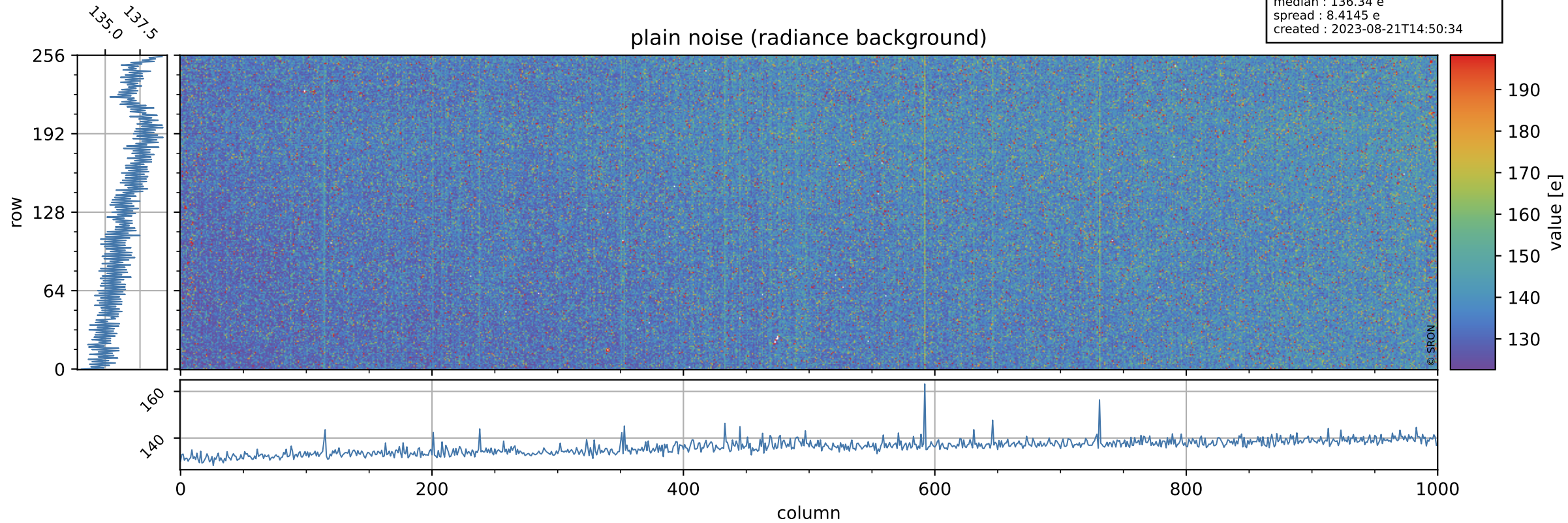
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [7582, 7657]
coverage : 2019-03-31 / 2019-04-05
n_coad, t_exp : 2, 0.5383
median : 136.34 e
spread : 8.4145 e
created : 2023-08-21T14:50:34

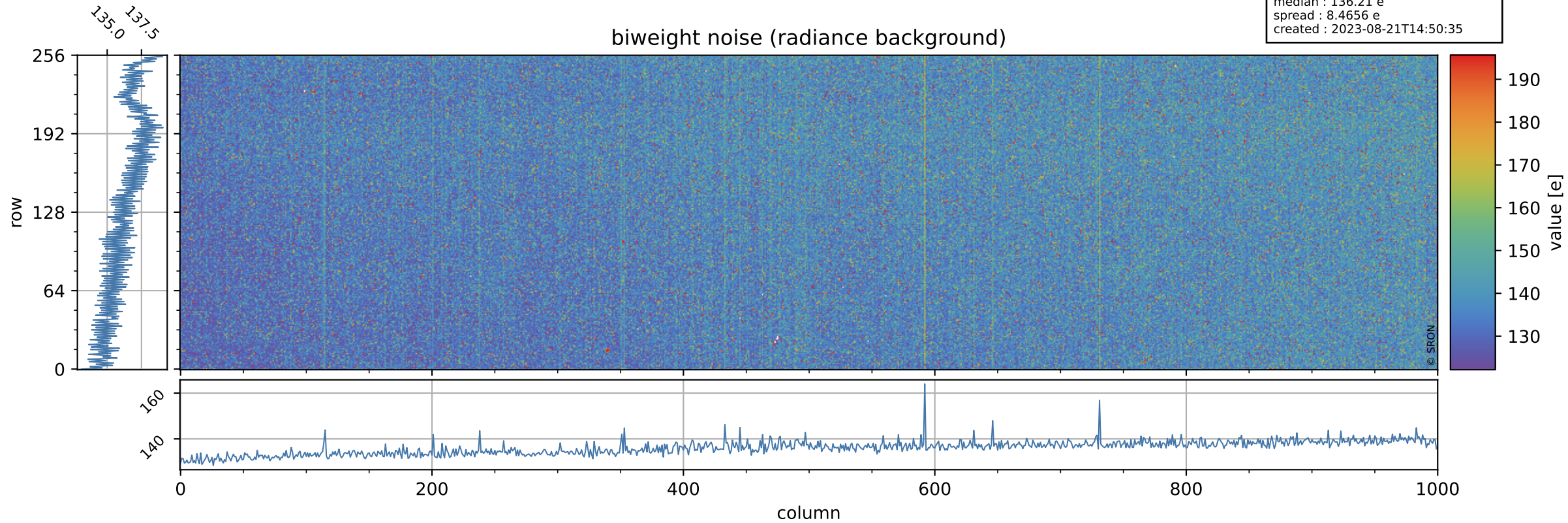
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [7582, 7657]
coverage : 2019-03-31 / 2019-04-05
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.4656 e
created : 2023-08-21T14:50:35

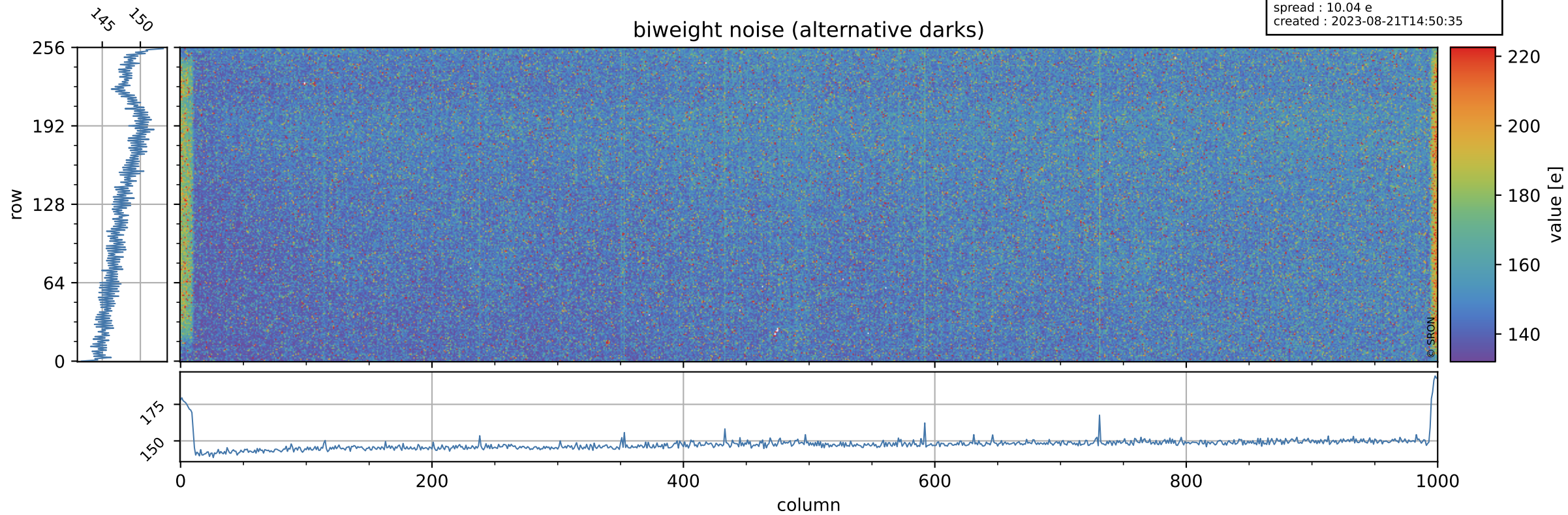
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [7582, 7657]
coverage : 2019-03-31 / 2019-04-05
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 10.04 e
created : 2023-08-21T14:50:35

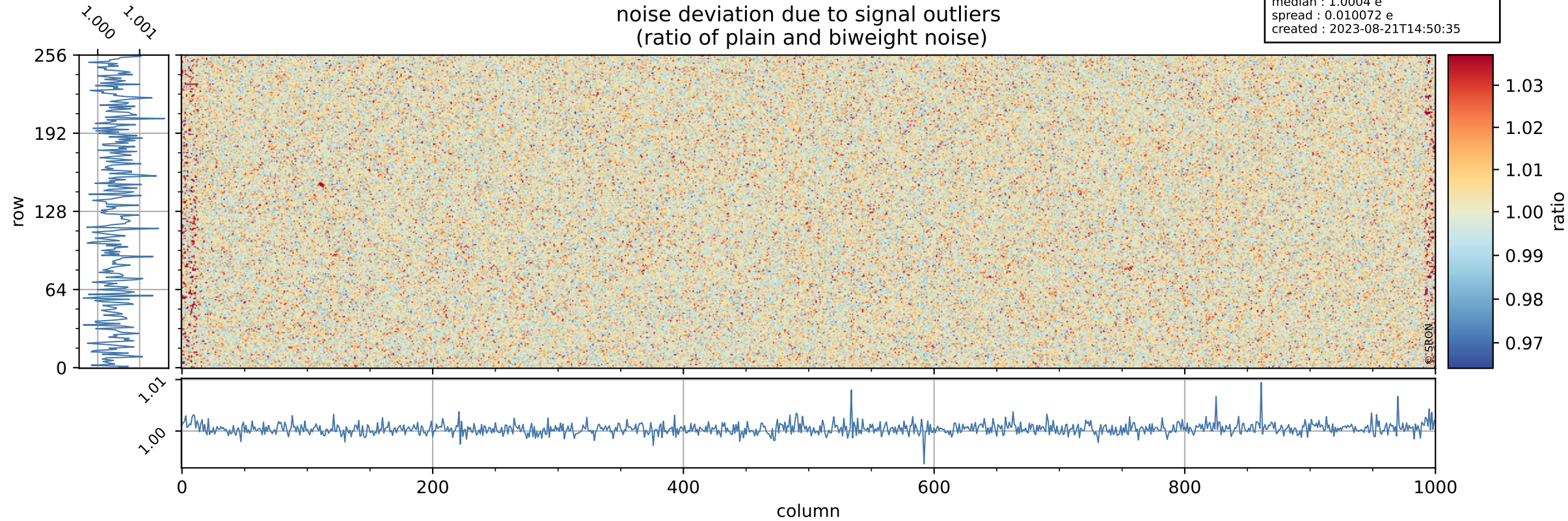
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

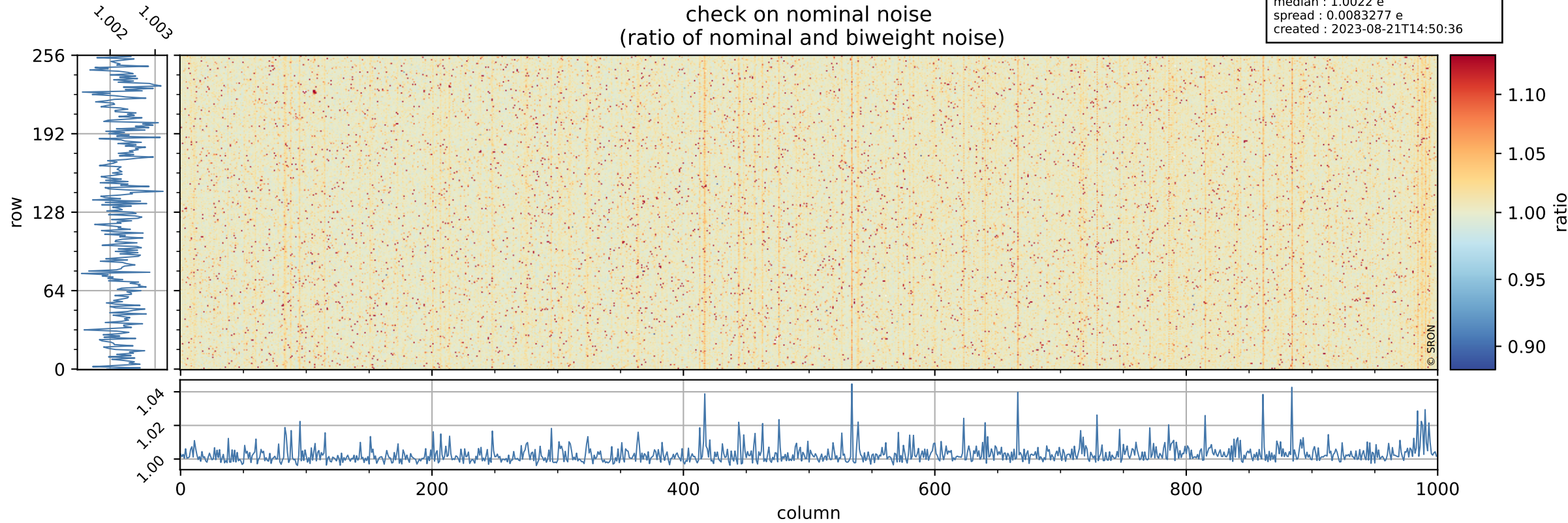
orbits : 11 in [7582, 7657]
coverage : 2019-03-31 / 2019-04-05
median : 1.0004 e
spread : 0.010072 e
created : 2023-08-21T14:50:35



Tropomi SWIR background noise (swir)

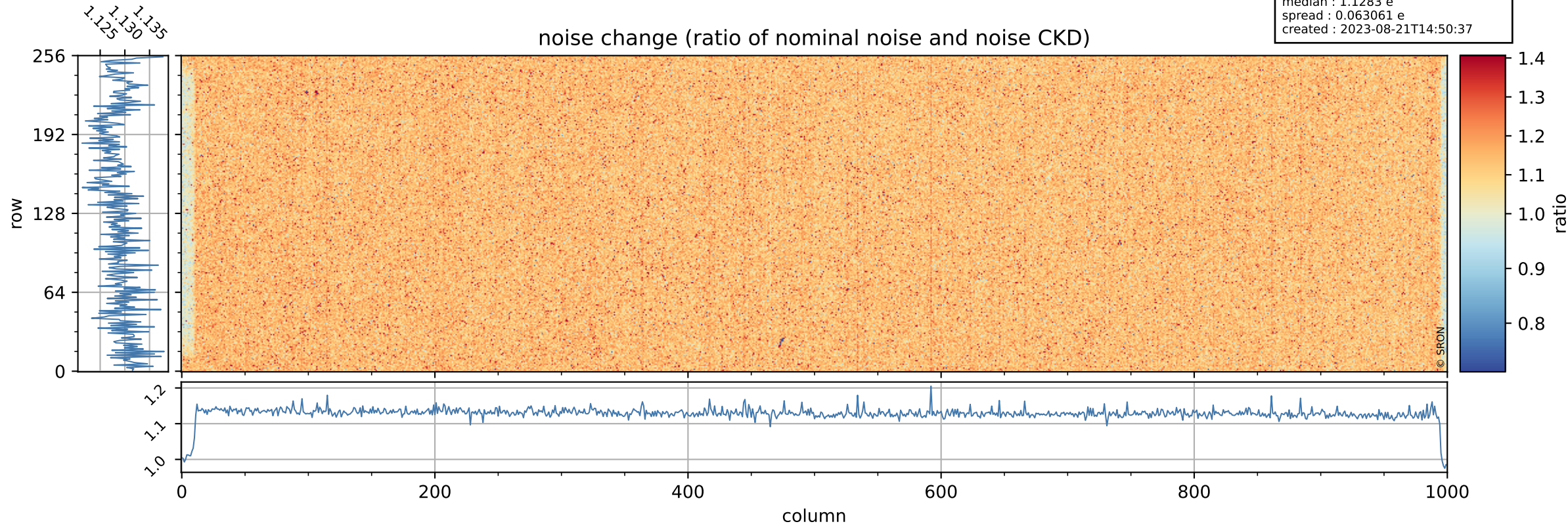
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [7582, 7657]
coverage : 2019-03-31 / 2019-04-05
median : 1.0022 e
spread : 0.0083277 e
created : 2023-08-21T14:50:36



Tropomi SWIR background noise (swir)

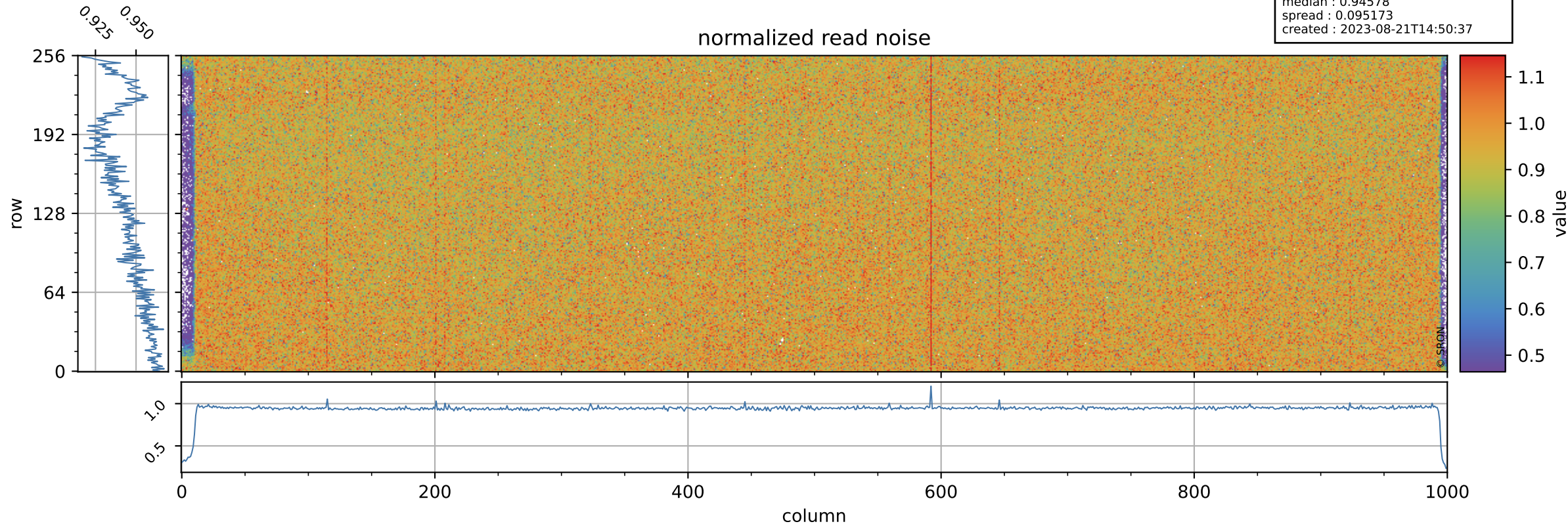
orbits : 11 in [7582, 7657]
coverage : 2019-03-31 / 2019-04-05
median : 1.1283 e
spread : 0.063061 e
created : 2023-08-21T14:50:37



Tropomi SWIR background noise (swir)

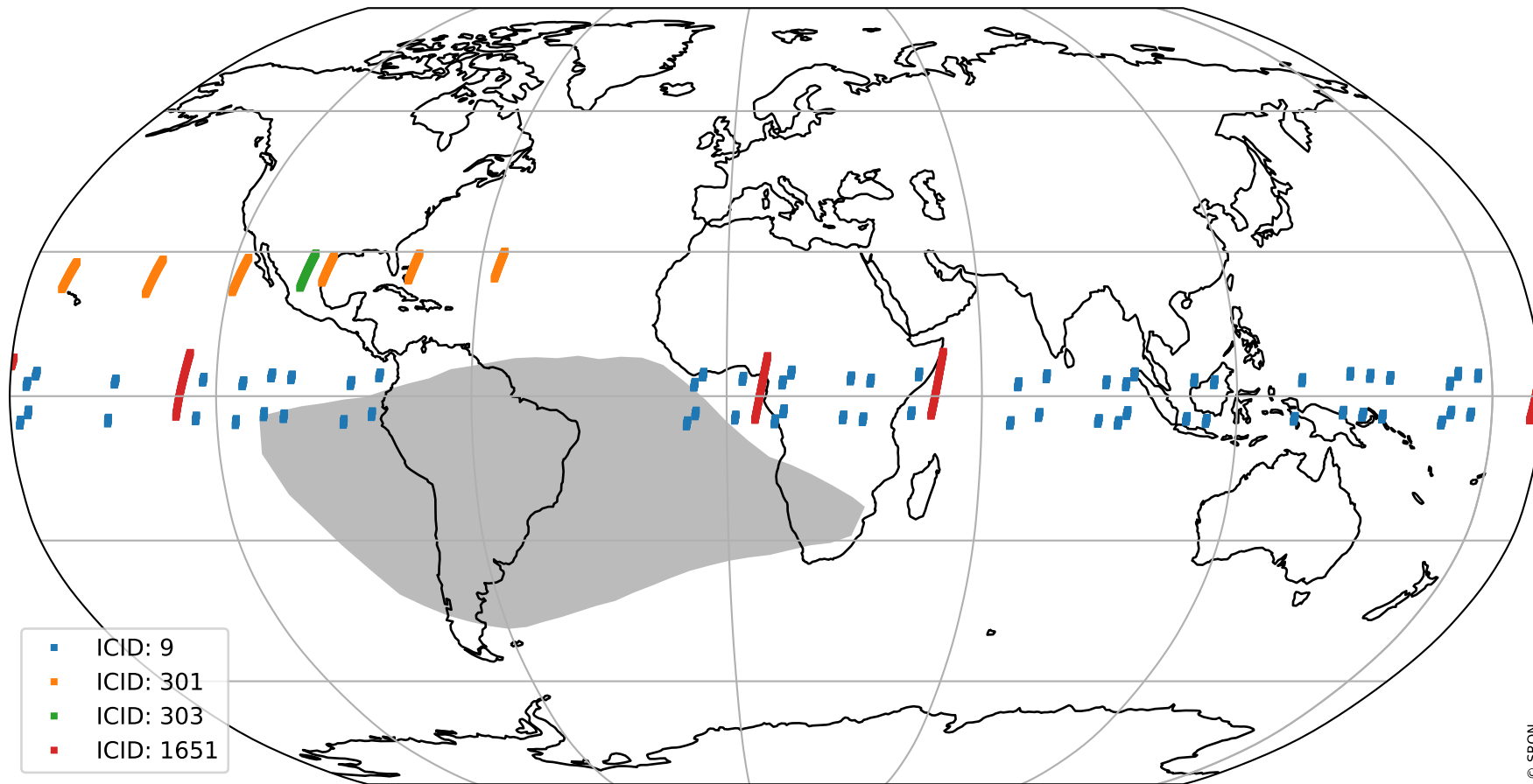
orbits : 11 in [7582, 7657]
coverage : 2019-03-31 / 2019-04-05
median : 0.94578
spread : 0.095173
created : 2023-08-21T14:50:37

normalized read noise



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

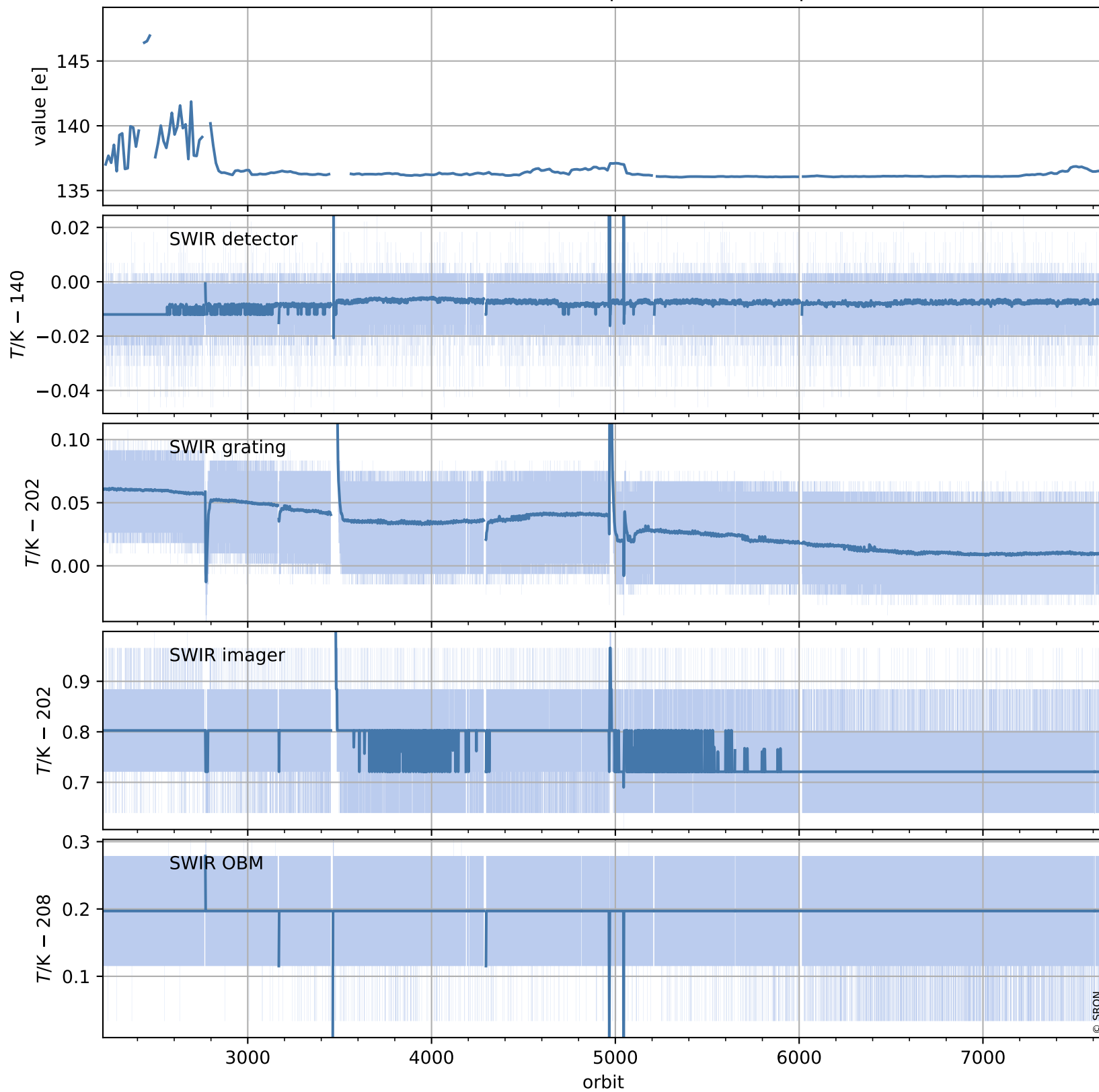
orbits : 11 in [7582, 7657]
coverage : 2019-03-31 / 2019-04-05
created : 2023-08-21T14:50:37



Tropomi SWIR background noise (swir)

orbits : [2212, 7657]
coverage : 2018-03-18 / 2019-04-05
created : 2023-08-21T14:50:38

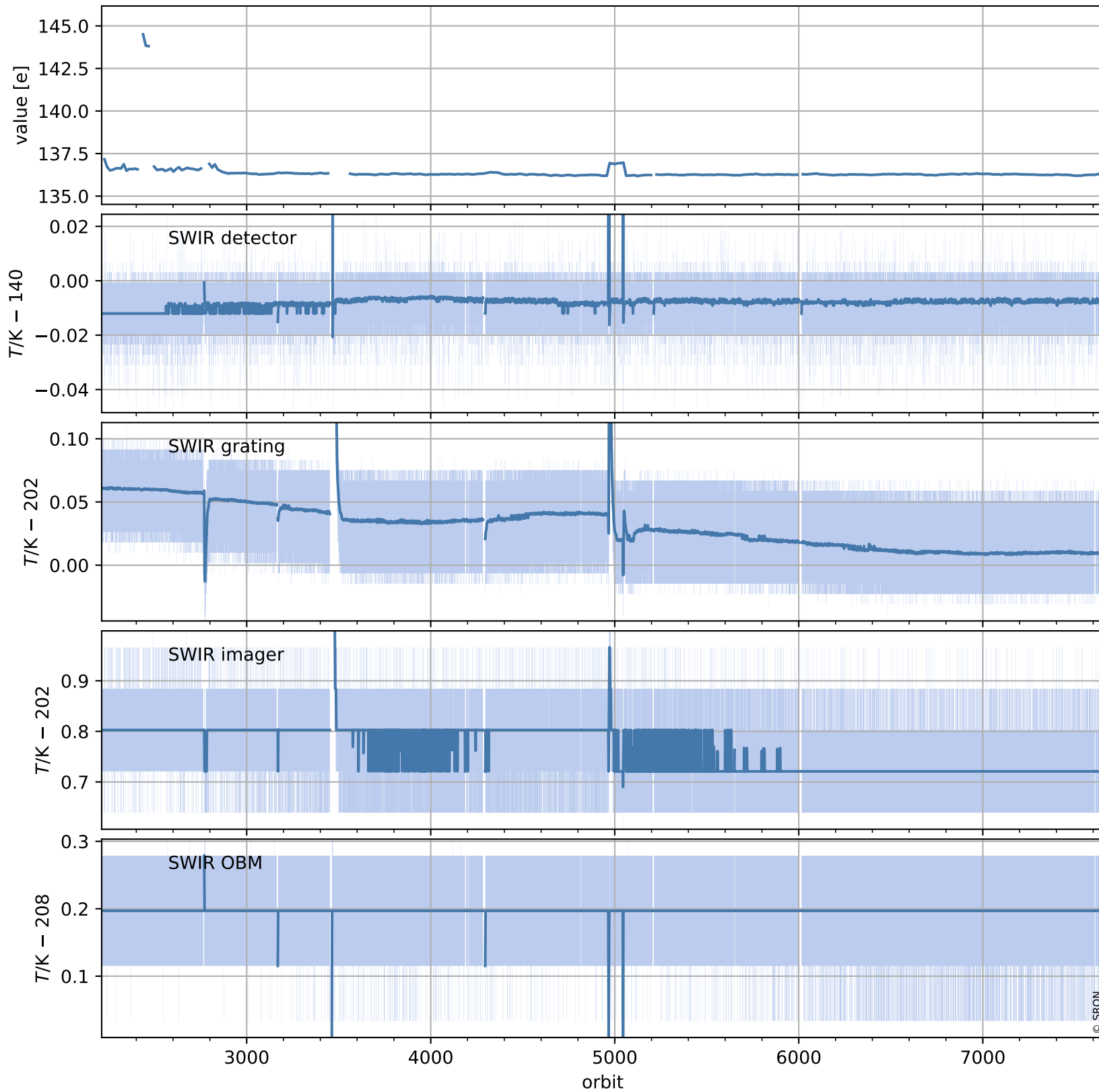
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7657]
coverage : 2018-03-18 / 2019-04-05
created : 2023-08-21T14:50:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7657]
coverage : 2018-03-18 / 2019-04-05
created : 2023-08-21T14:50:39

trend of normalized read-noise & temperatures

