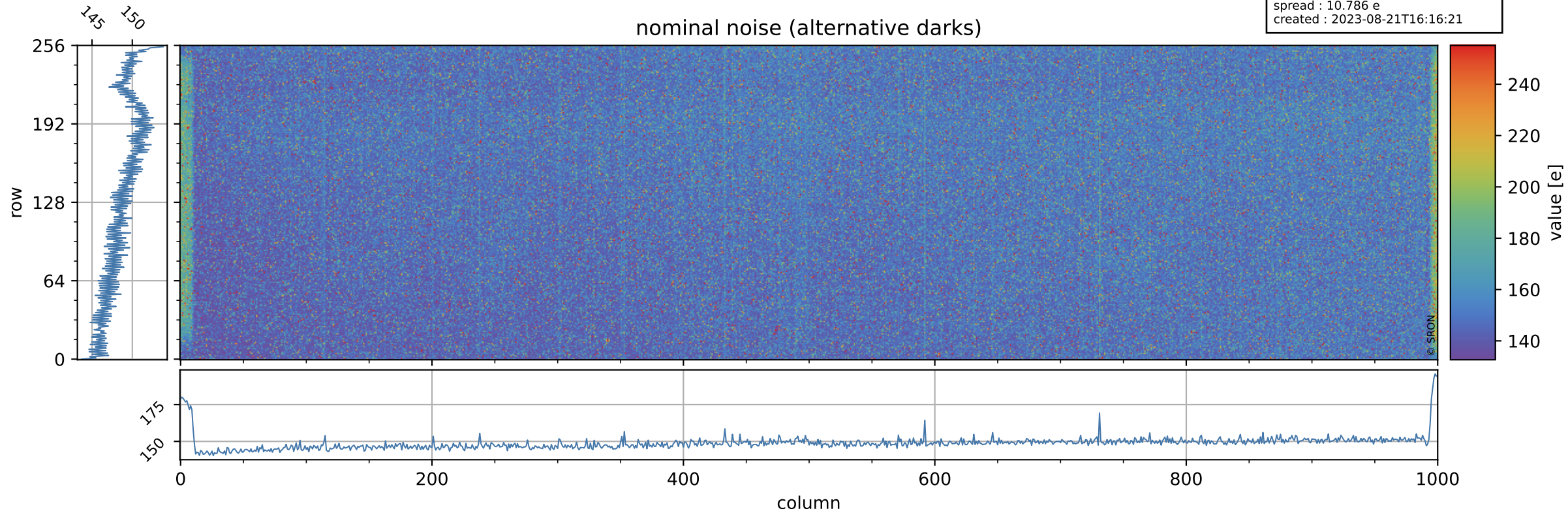


Tropomi SWIR background noise (swir)

orbits : 13 in [21142, 21232]
coverage : 2021-11-11 / 2021-11-17
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.786 e
created : 2023-08-21T16:16:21

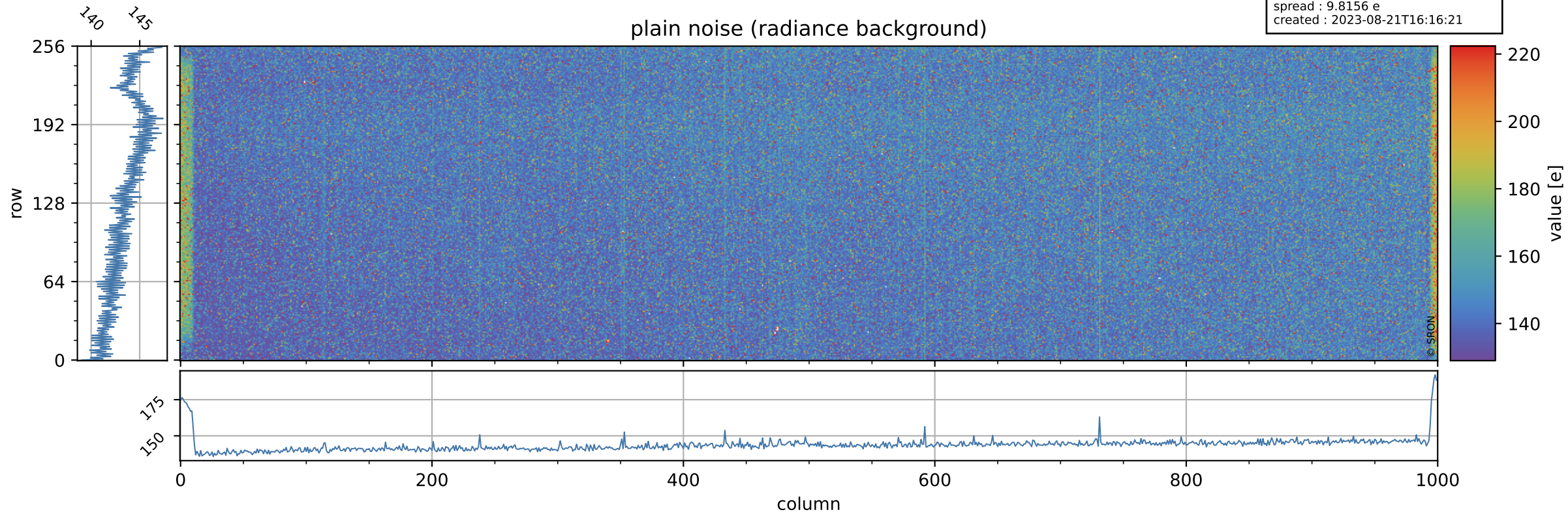
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [21142, 21232]
coverage : 2021-11-11 / 2021-11-17
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8156 e
created : 2023-08-21T16:16:21

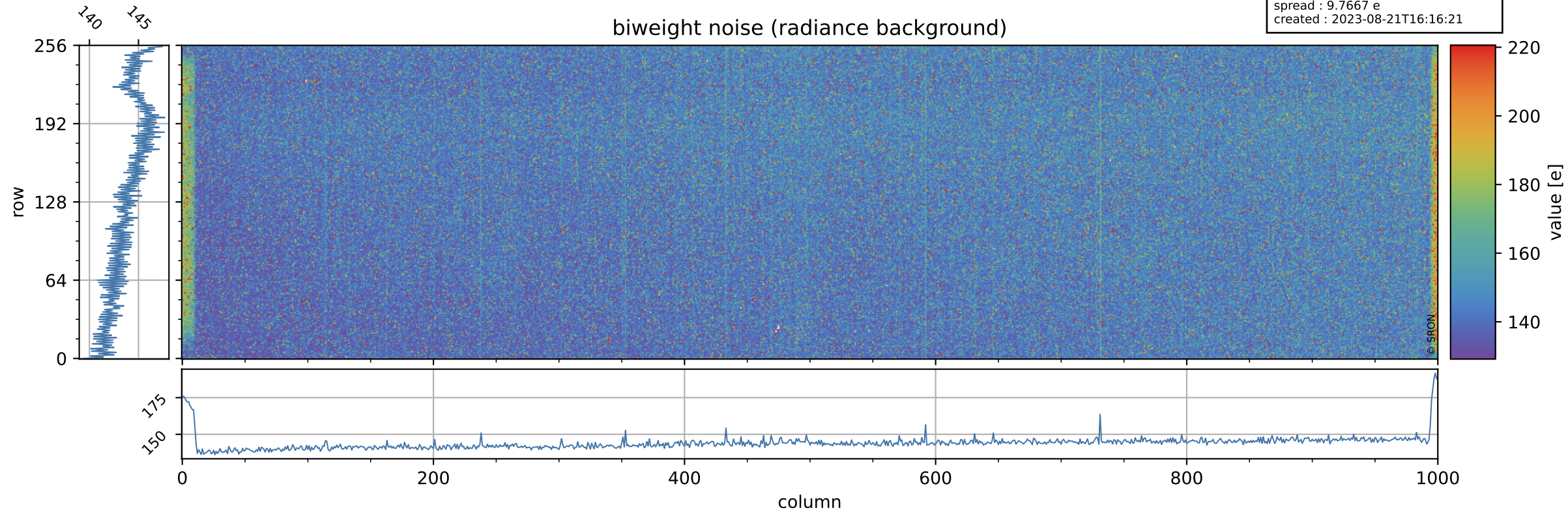
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21142, 21232]
coverage : 2021-11-11 / 2021-11-17
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.7667 e
created : 2023-08-21T16:16:21

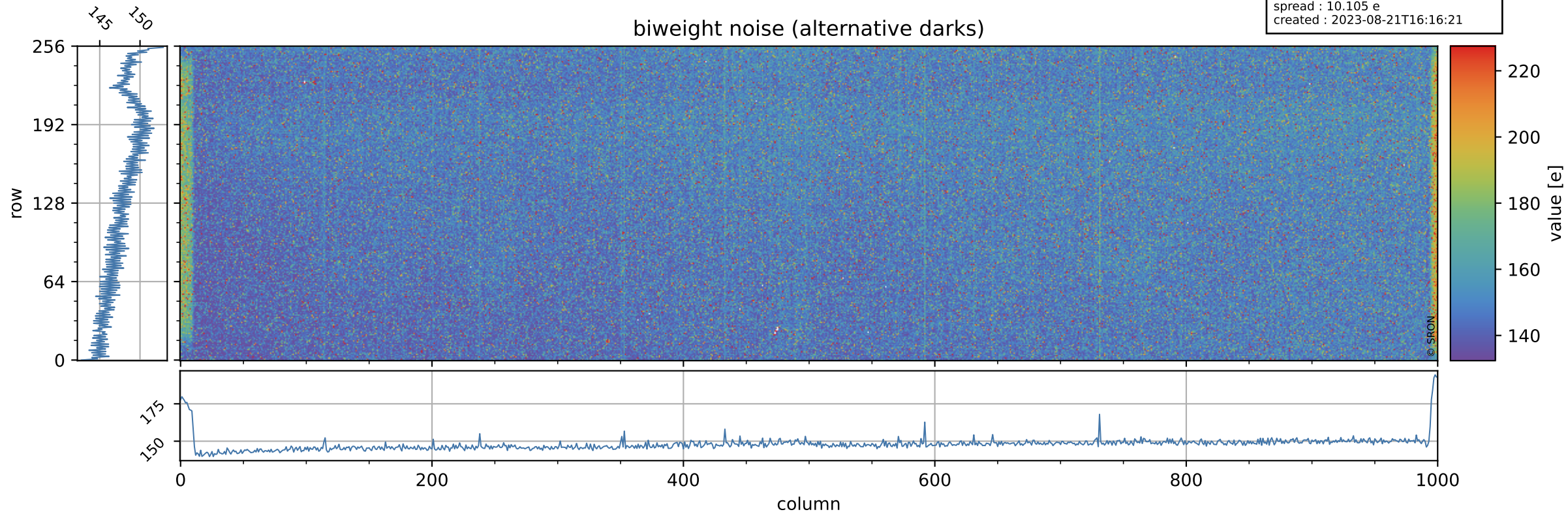
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21142, 21232]
coverage : 2021-11-11 / 2021-11-17
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.105 e
created : 2023-08-21T16:16:21

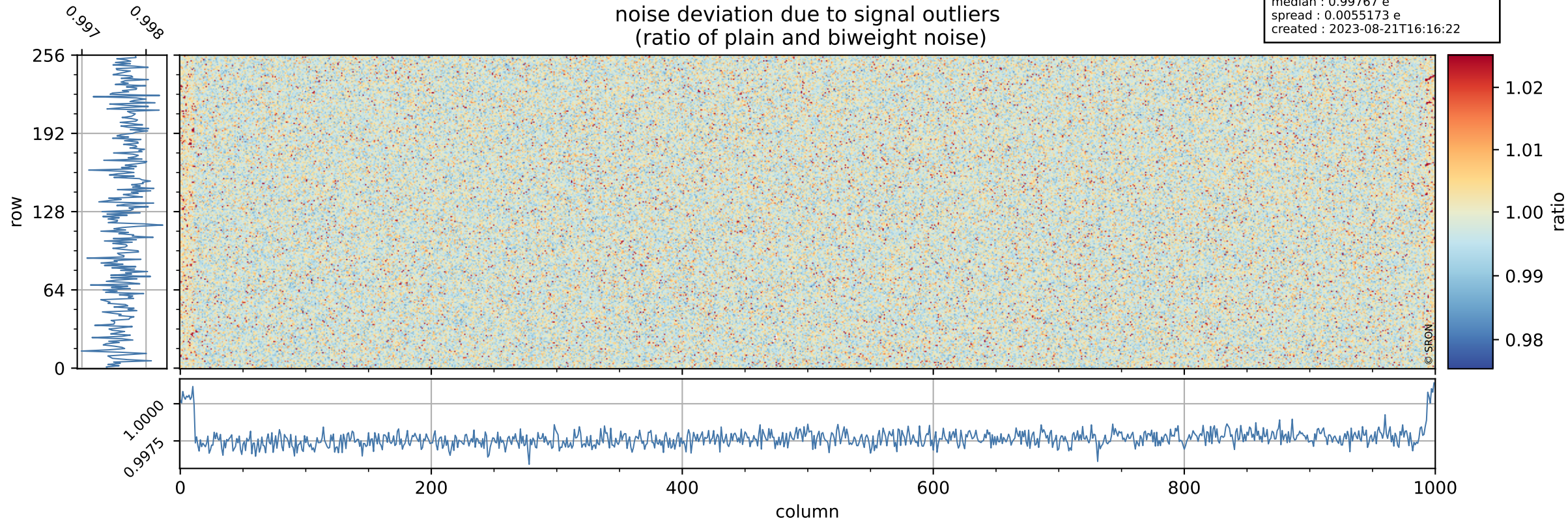
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

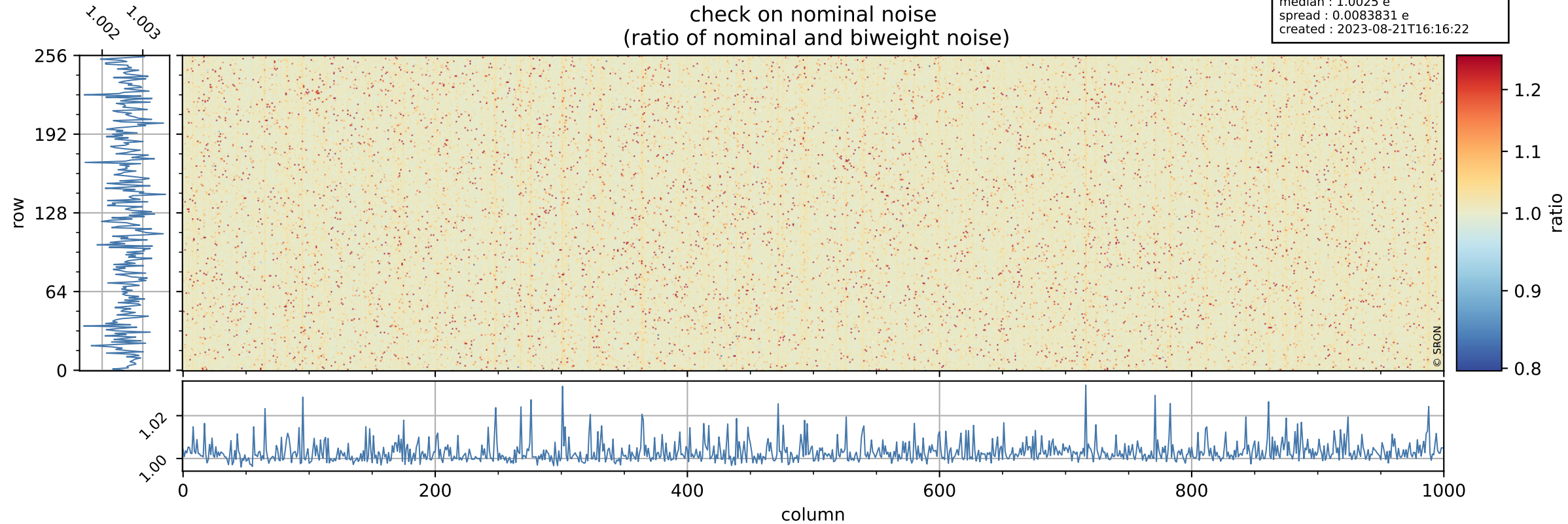
orbits : 13 in [21142, 21232]
coverage : 2021-11-11 / 2021-11-17
median : 0.99767 e
spread : 0.0055173 e
created : 2023-08-21T16:16:22



Tropomi SWIR background noise (swir)

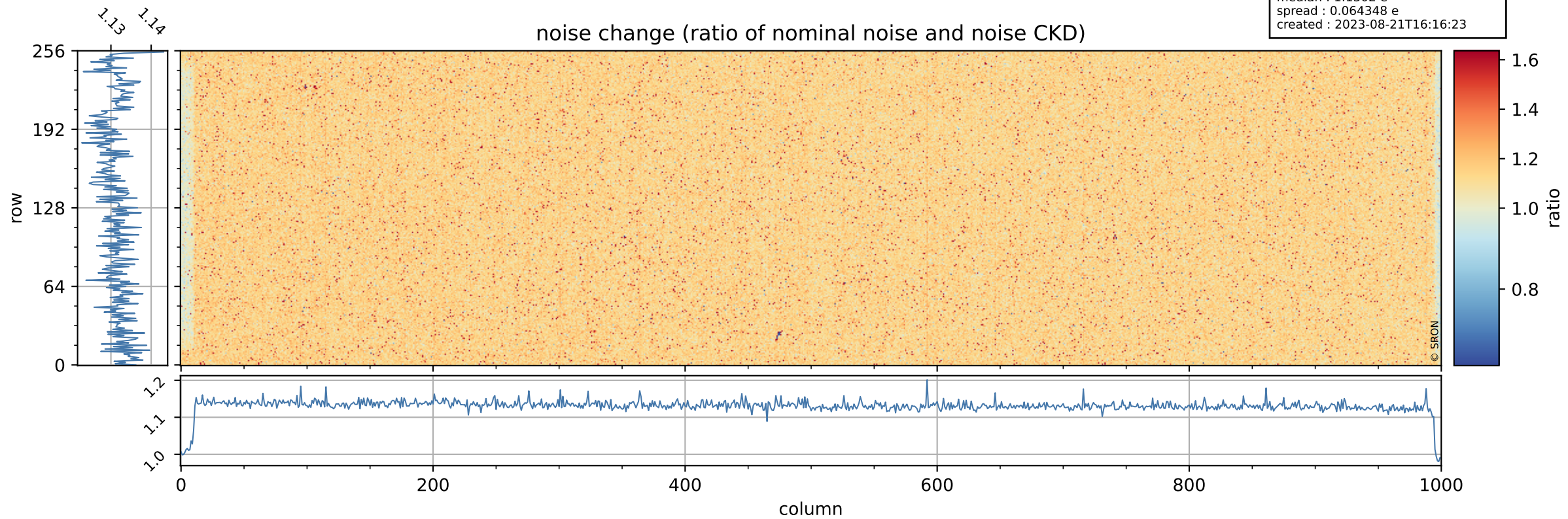
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [21142, 21232]
coverage : 2021-11-11 / 2021-11-17
median : 1.0025 e
spread : 0.0083831 e
created : 2023-08-21T16:16:22



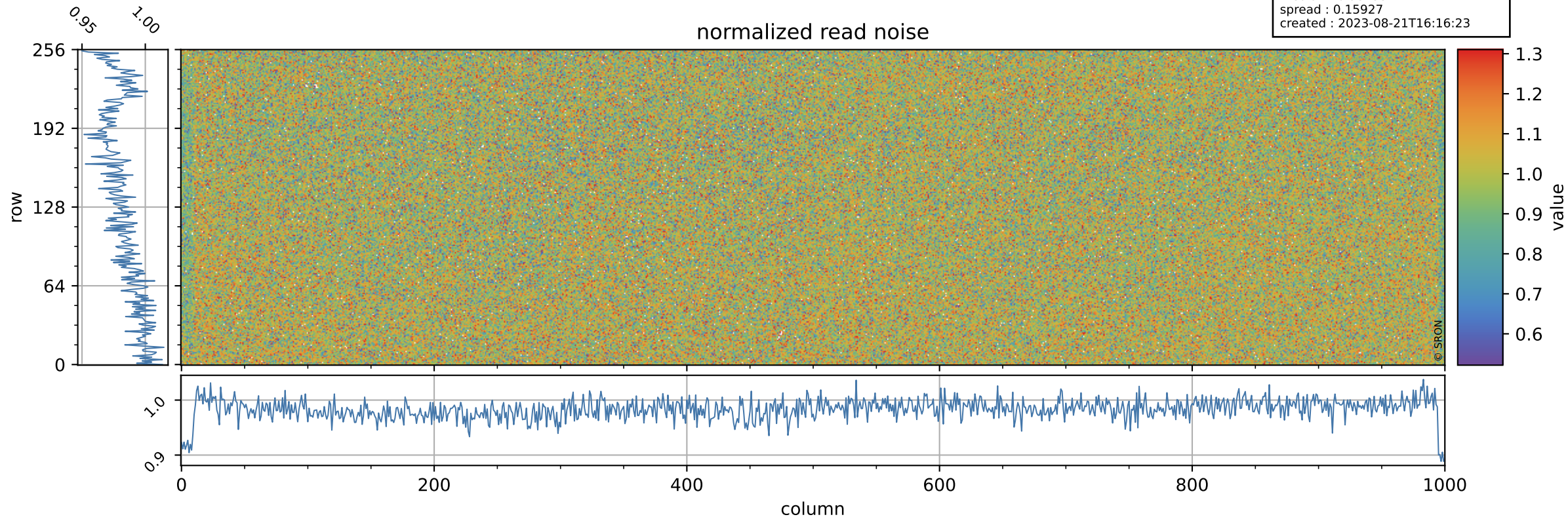
Tropomi SWIR background noise (swir)

orbits : 13 in [21142, 21232]
coverage : 2021-11-11 / 2021-11-17
median : 1.1302 e
spread : 0.064348 e
created : 2023-08-21T16:16:23



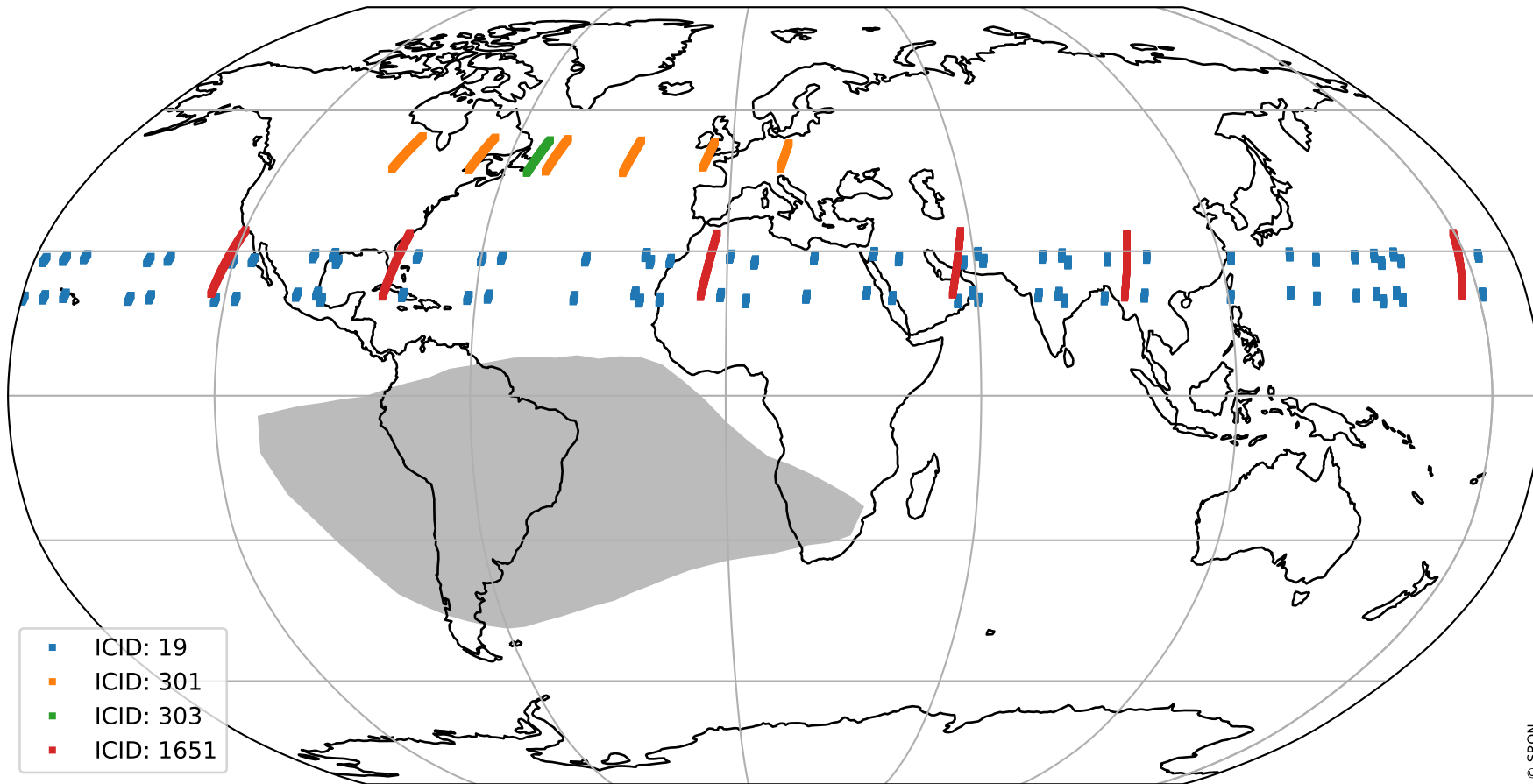
Tropomi SWIR background noise (swir)

orbits : 13 in [21142, 21232]
coverage : 2021-11-11 / 2021-11-17
median : 0.98253
spread : 0.15927
created : 2023-08-21T16:16:23



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

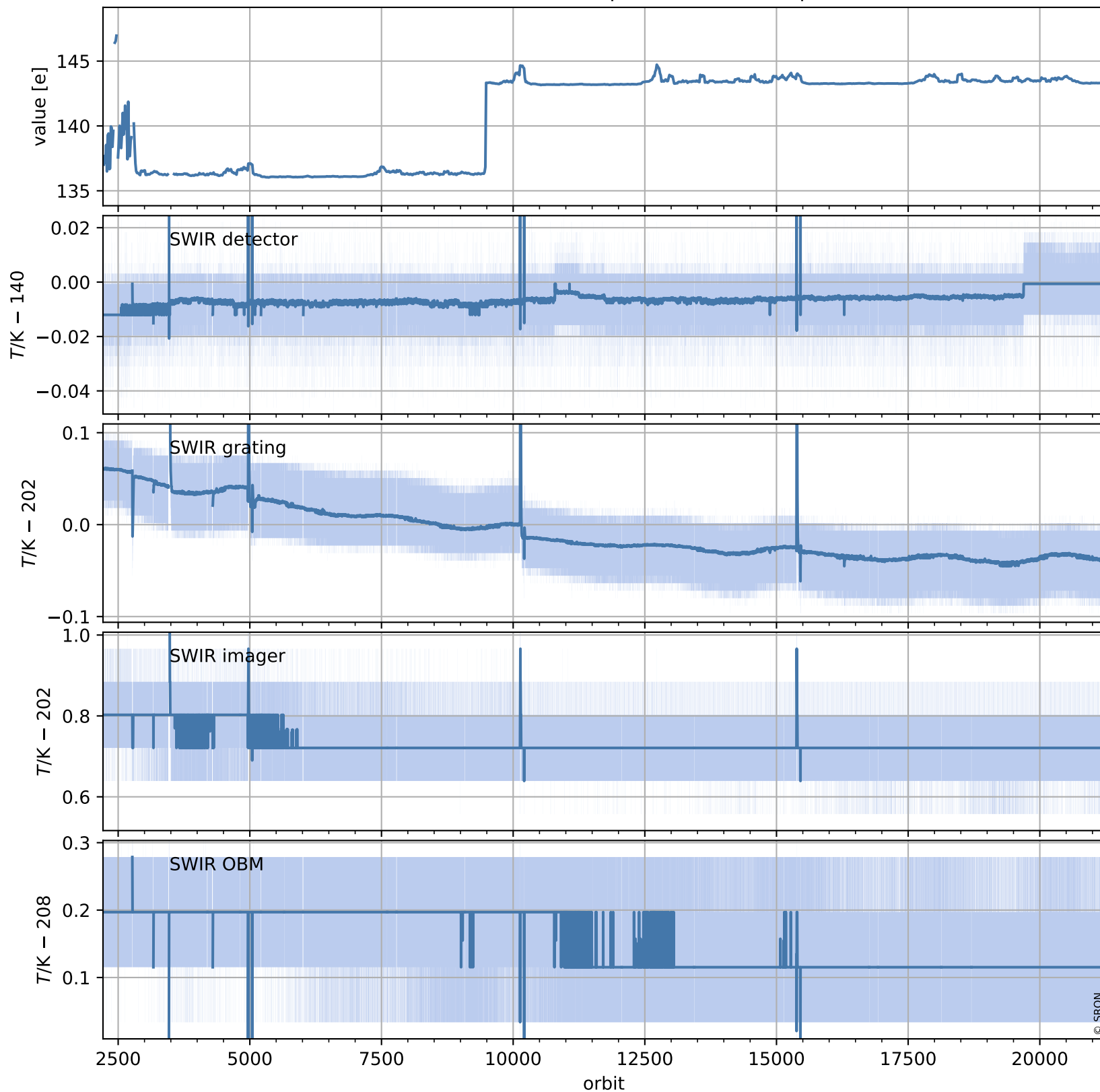
orbits : 13 in [21142, 21232]
coverage : 2021-11-11 / 2021-11-17
created : 2023-08-21T16:16:23



Tropomi SWIR background noise (swir)

orbits : [2212, 21232]
coverage : 2018-03-18 / 2021-11-17
created : 2023-08-21T16:16:23

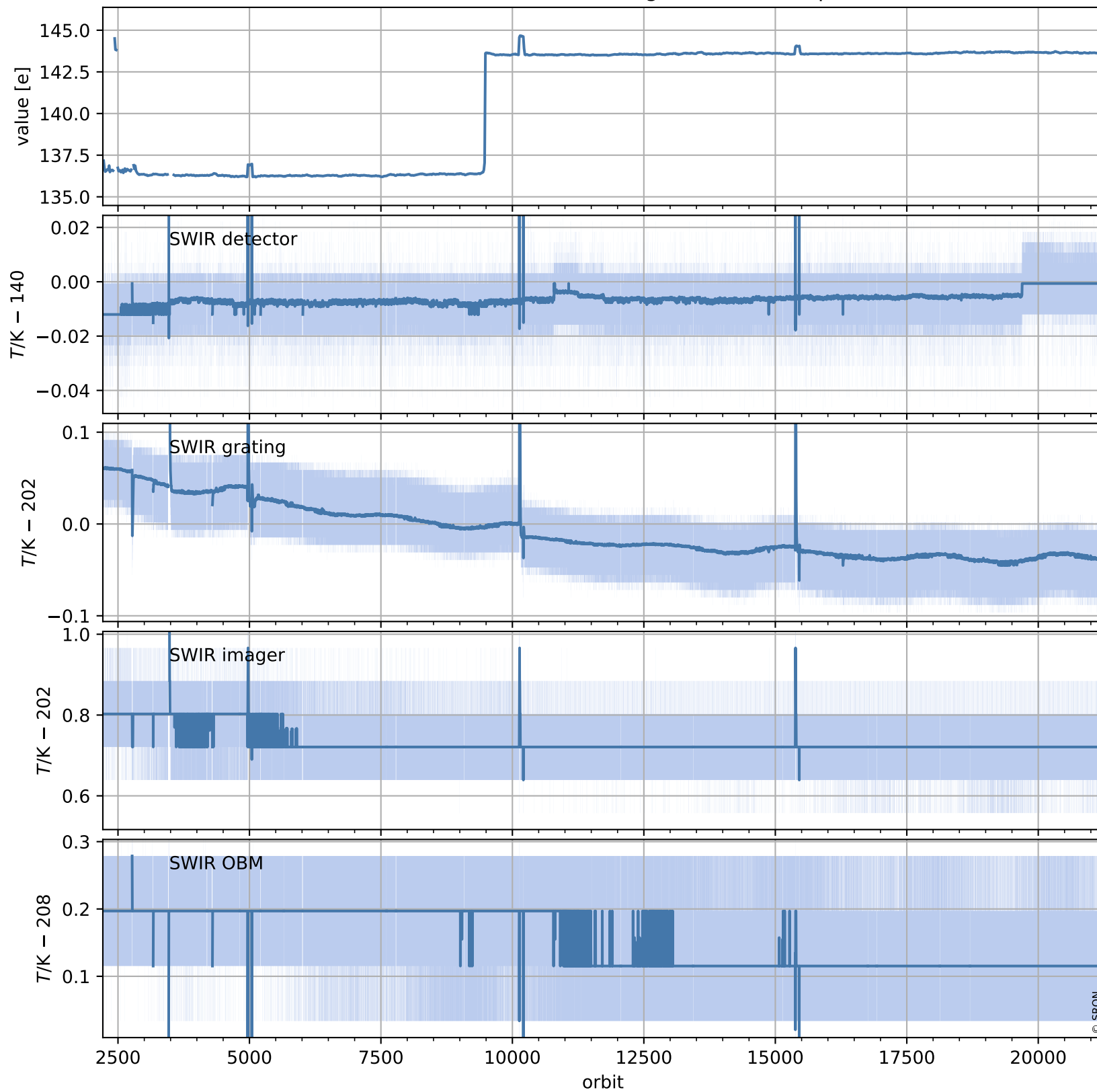
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21232]
coverage : 2018-03-18 / 2021-11-17
created : 2023-08-21T16:16:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21232]
coverage : 2018-03-18 / 2021-11-17
created : 2023-08-21T16:16:25

trend of normalized read-noise & temperatures

