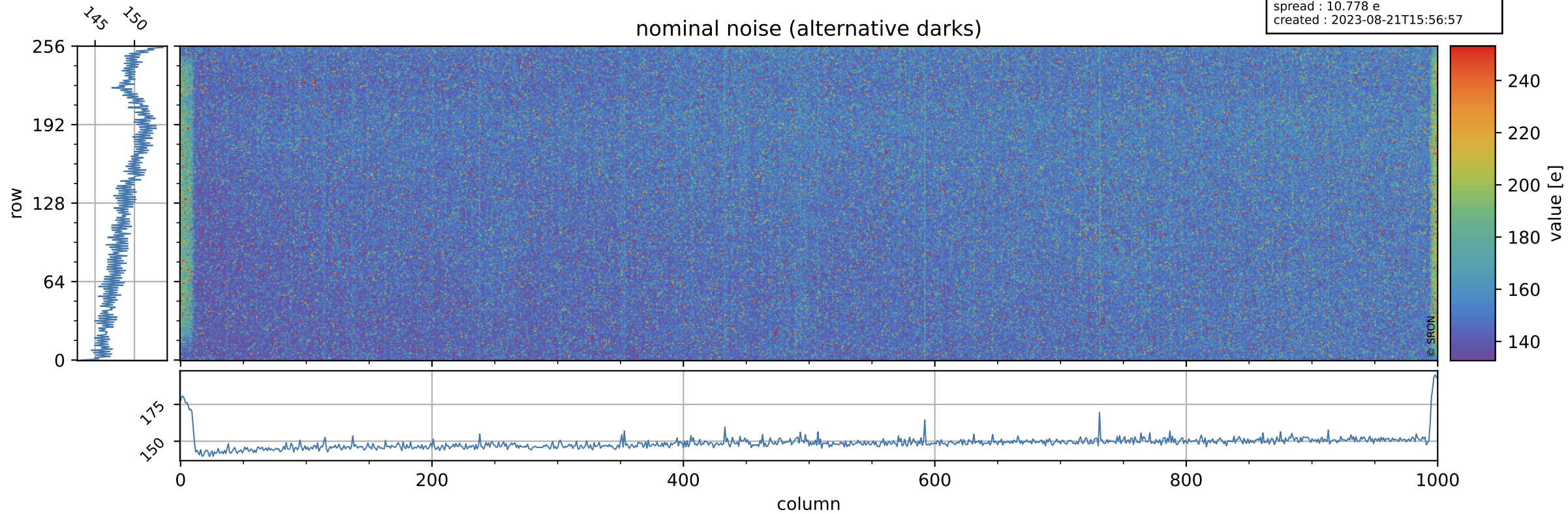


Tropomi SWIR background noise (swir)

orbits : 13 in [17947, 18037]
coverage : 2021-03-31 / 2021-04-06
n_coad, t_exp : 1, 1.0783
median : 148.73 e
spread : 10.778 e
created : 2023-08-21T15:56:57

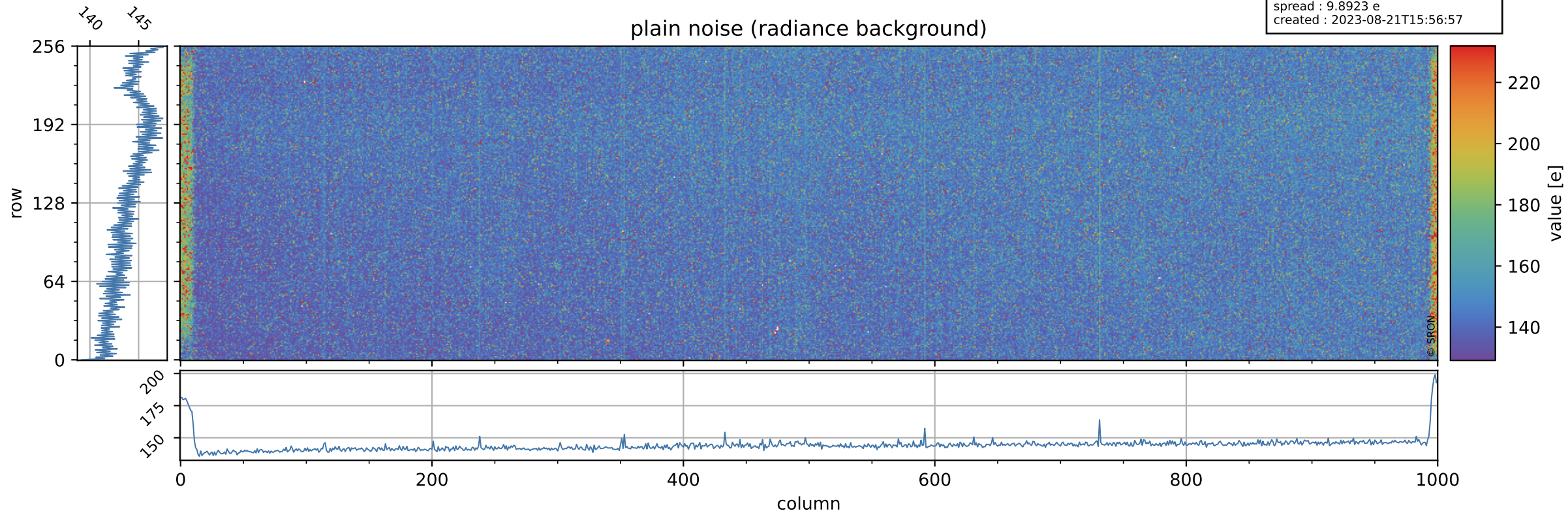
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [17947, 18037]
coverage : 2021-03-31 / 2021-04-06
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 9.8923 e
created : 2023-08-21T15:56:57

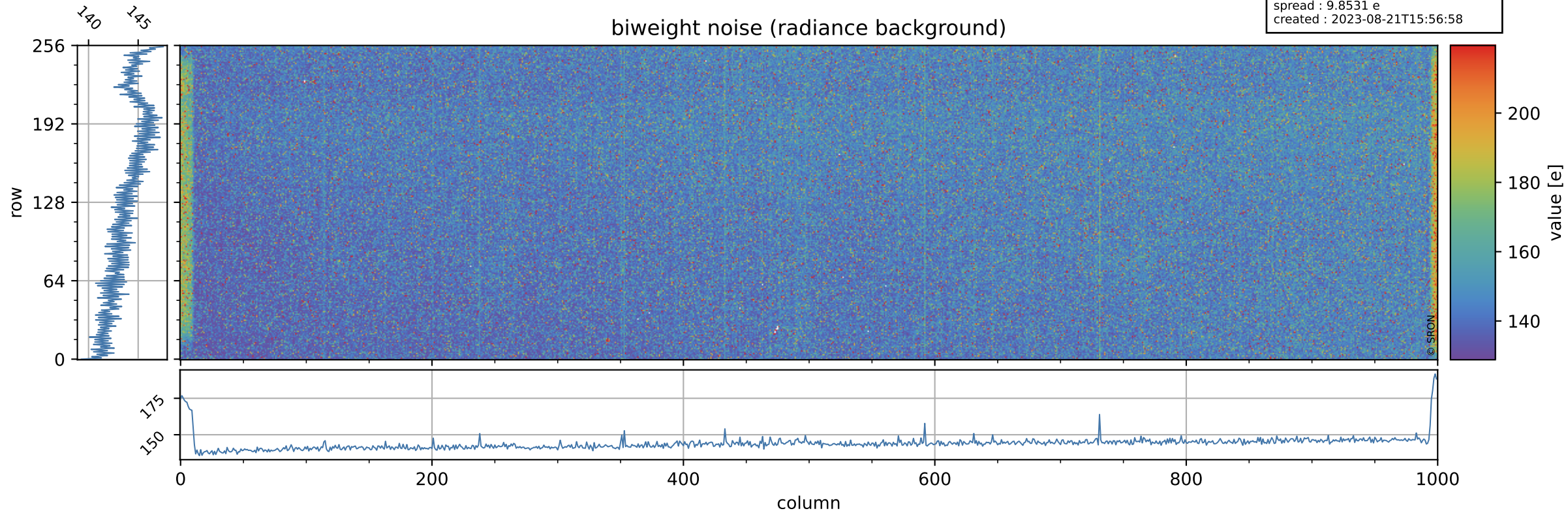
plain noise (radiance background)



Tropomi SWIR background noise (swir)

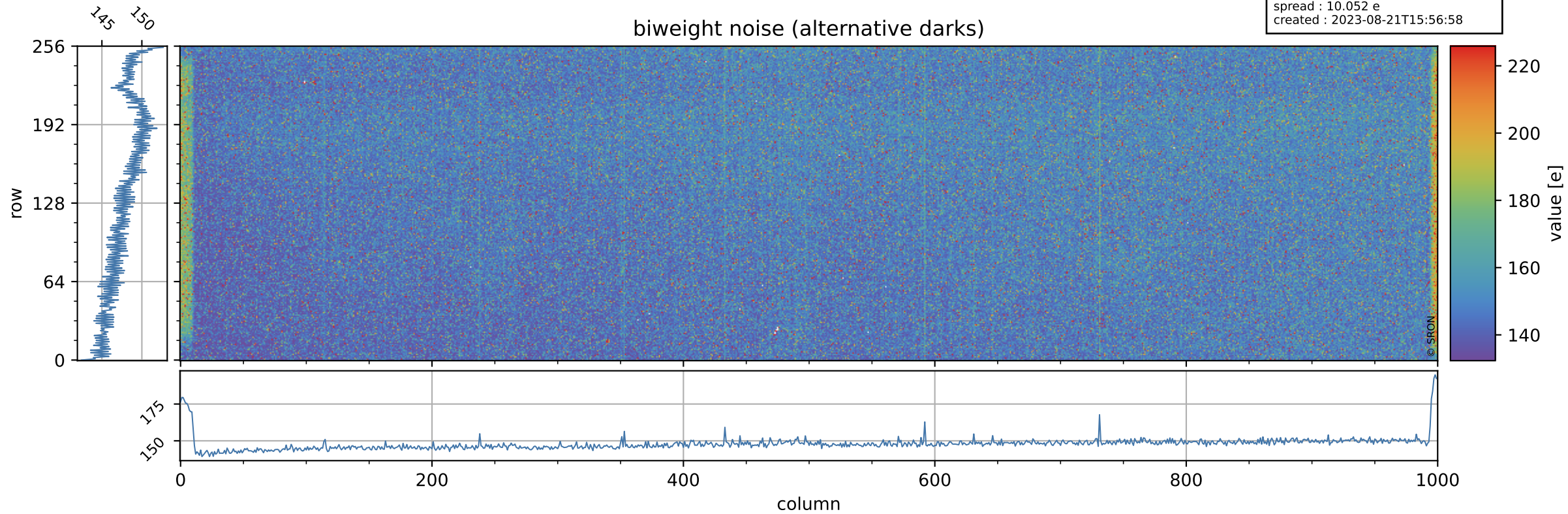
orbits : 13 in [17947, 18037]
coverage : 2021-03-31 / 2021-04-06
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.8531 e
created : 2023-08-21T15:56:58

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

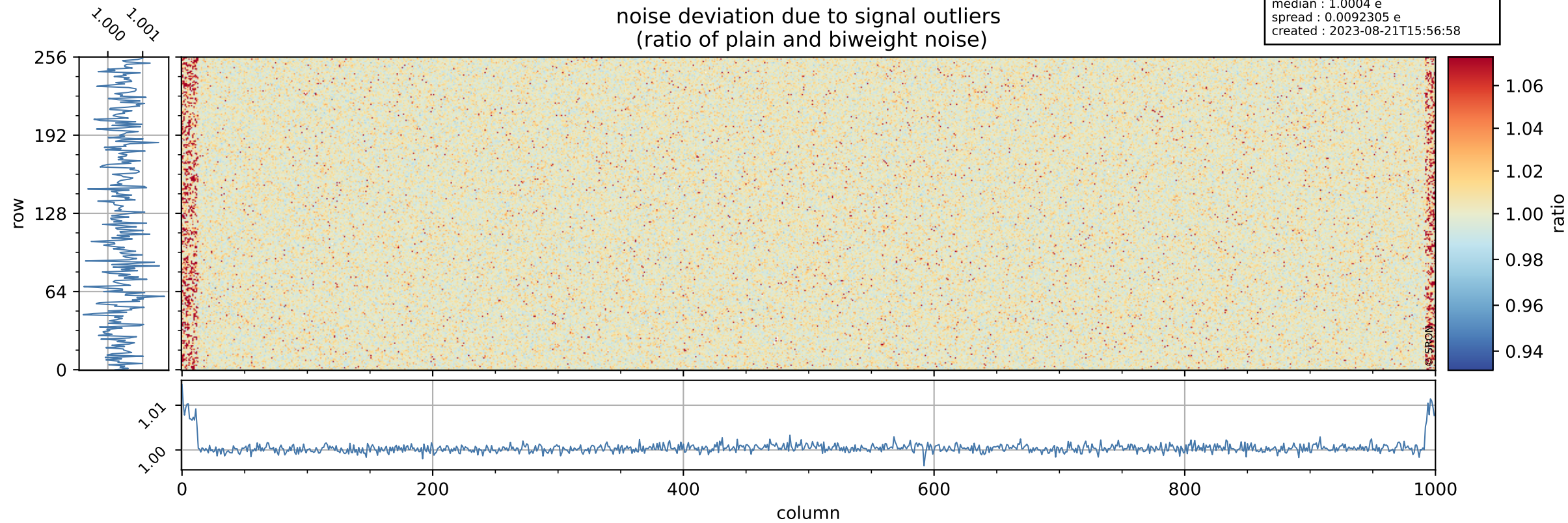
orbits : 13 in [17947, 18037]
coverage : 2021-03-31 / 2021-04-06
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.052 e
created : 2023-08-21T15:56:58



Tropomi SWIR background noise (swir)

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

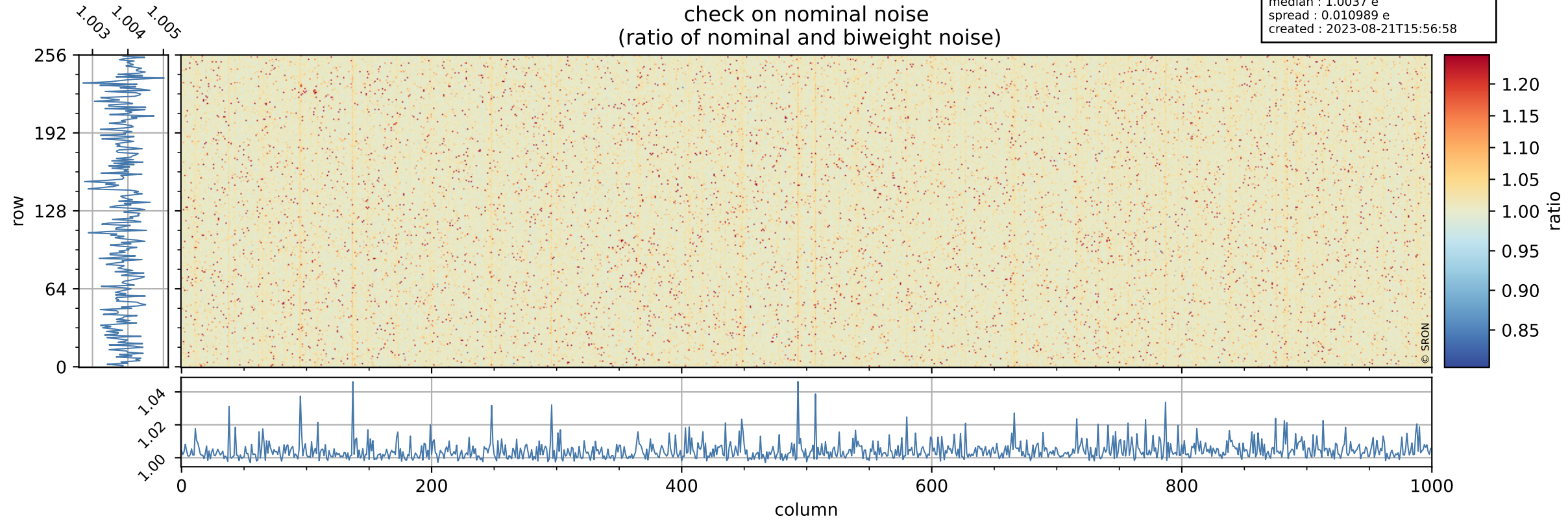
orbits : 13 in [17947, 18037]
coverage : 2021-03-31 / 2021-04-06
median : 1.0004 e
spread : 0.0092305 e
created : 2023-08-21T15:56:58



Tropomi SWIR background noise (swir)

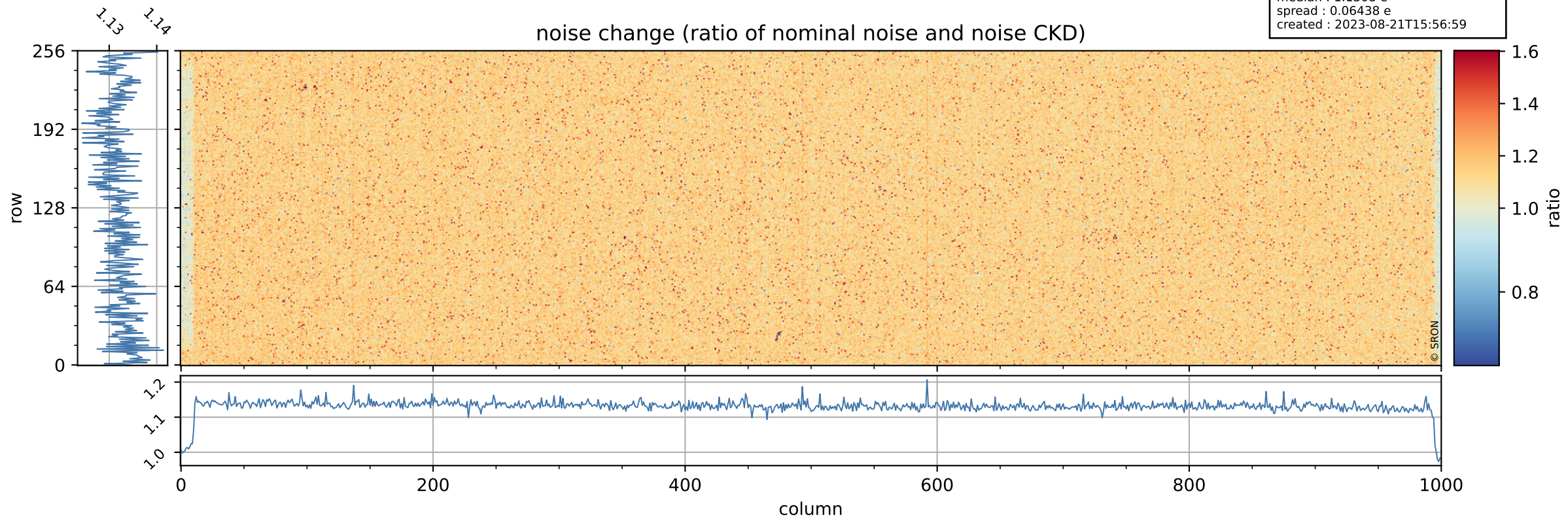
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [17947, 18037]
coverage : 2021-03-31 / 2021-04-06
median : 1.0037 e
spread : 0.010989 e
created : 2023-08-21T15:56:58



Tropomi SWIR background noise (swir)

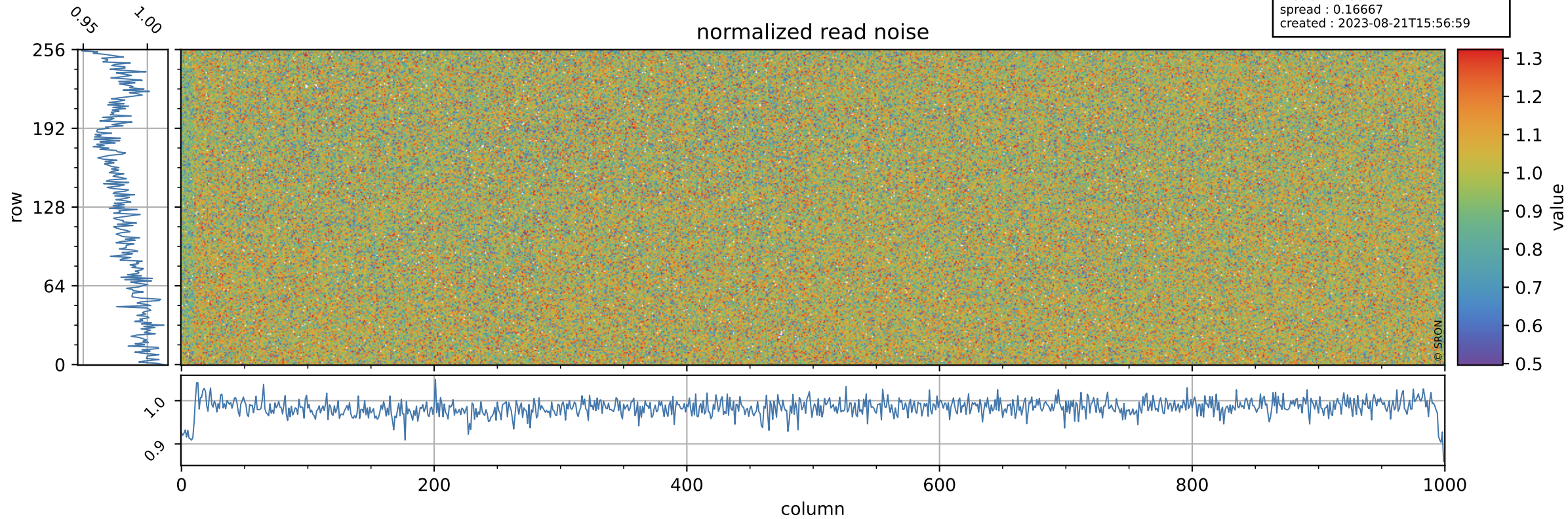
orbits : 13 in [17947, 18037]
coverage : 2021-03-31 / 2021-04-06
median : 1.1308 e
spread : 0.06438 e
created : 2023-08-21T15:56:59



Tropomi SWIR background noise (swir)

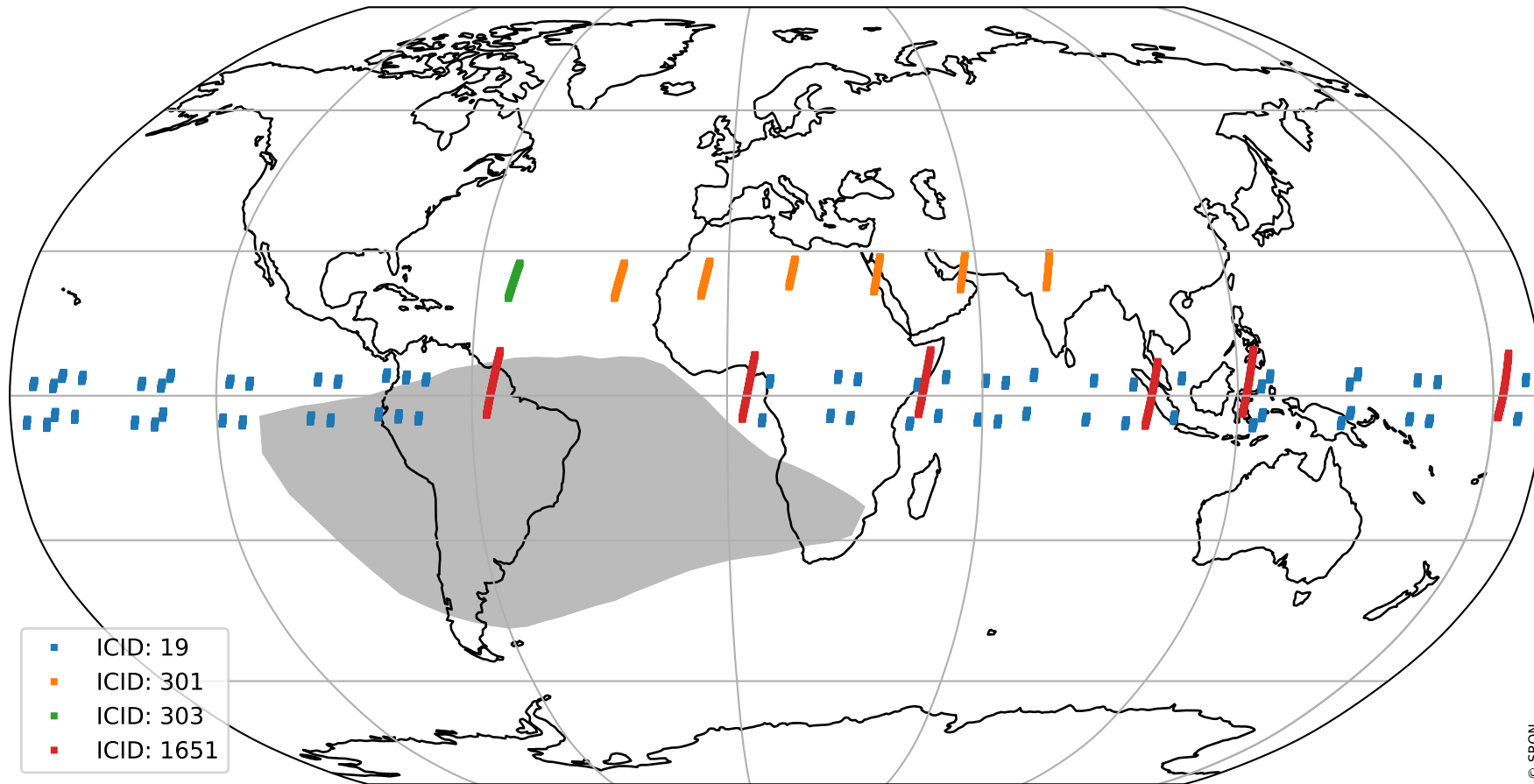
orbits : 13 in [17947, 18037]
coverage : 2021-03-31 / 2021-04-06
median : 0.98214
spread : 0.16667
created : 2023-08-21T15:56:59

normalized read noise



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

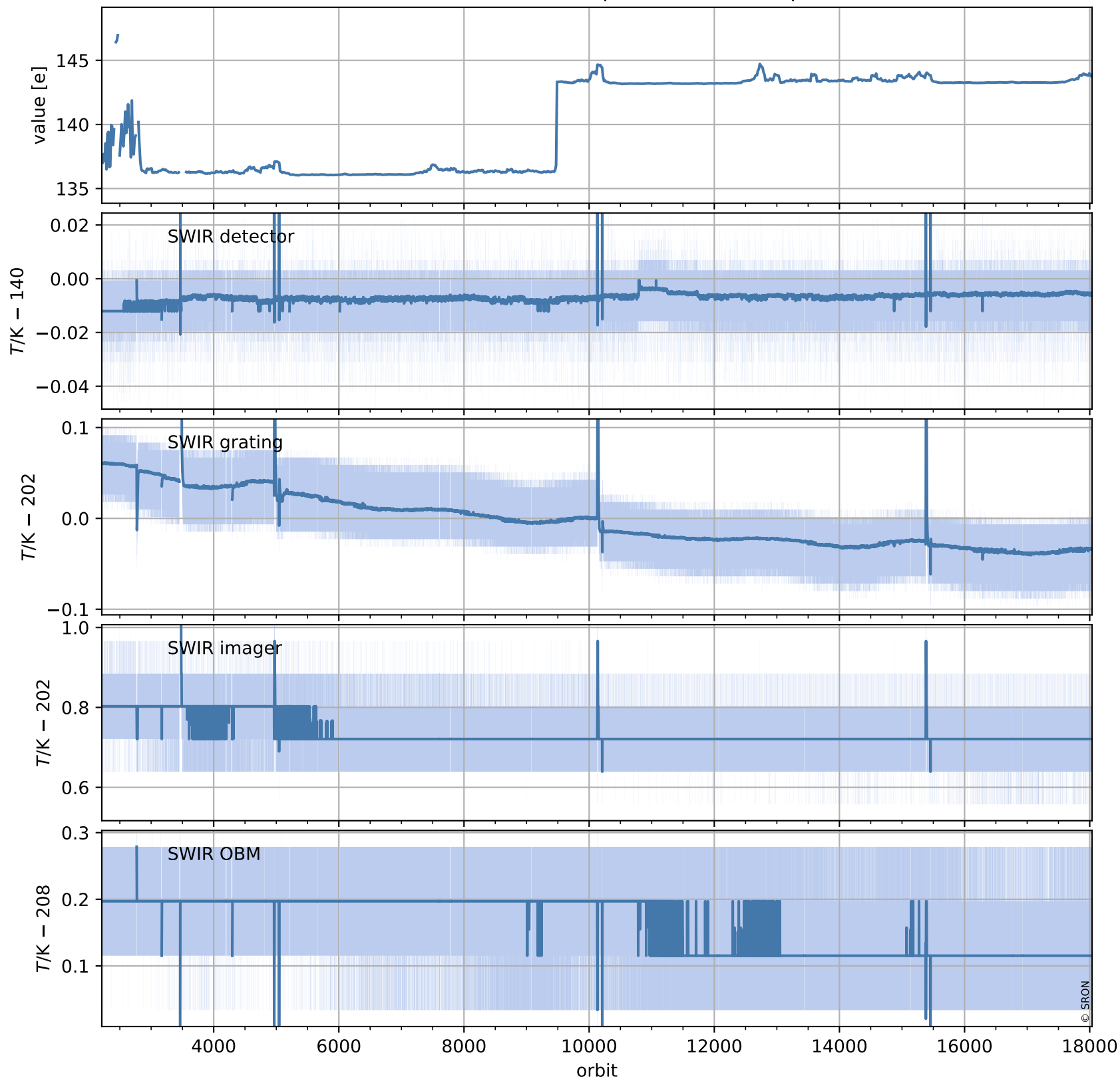
orbits : 13 in [17947, 18037]
coverage : 2021-03-31 / 2021-04-06
created : 2023-08-21T15:56:59



Tropomi SWIR background noise (swir)

orbits : [2212, 18037]
coverage : 2018-03-18 / 2021-04-06
created : 2023-08-21T15:57:00

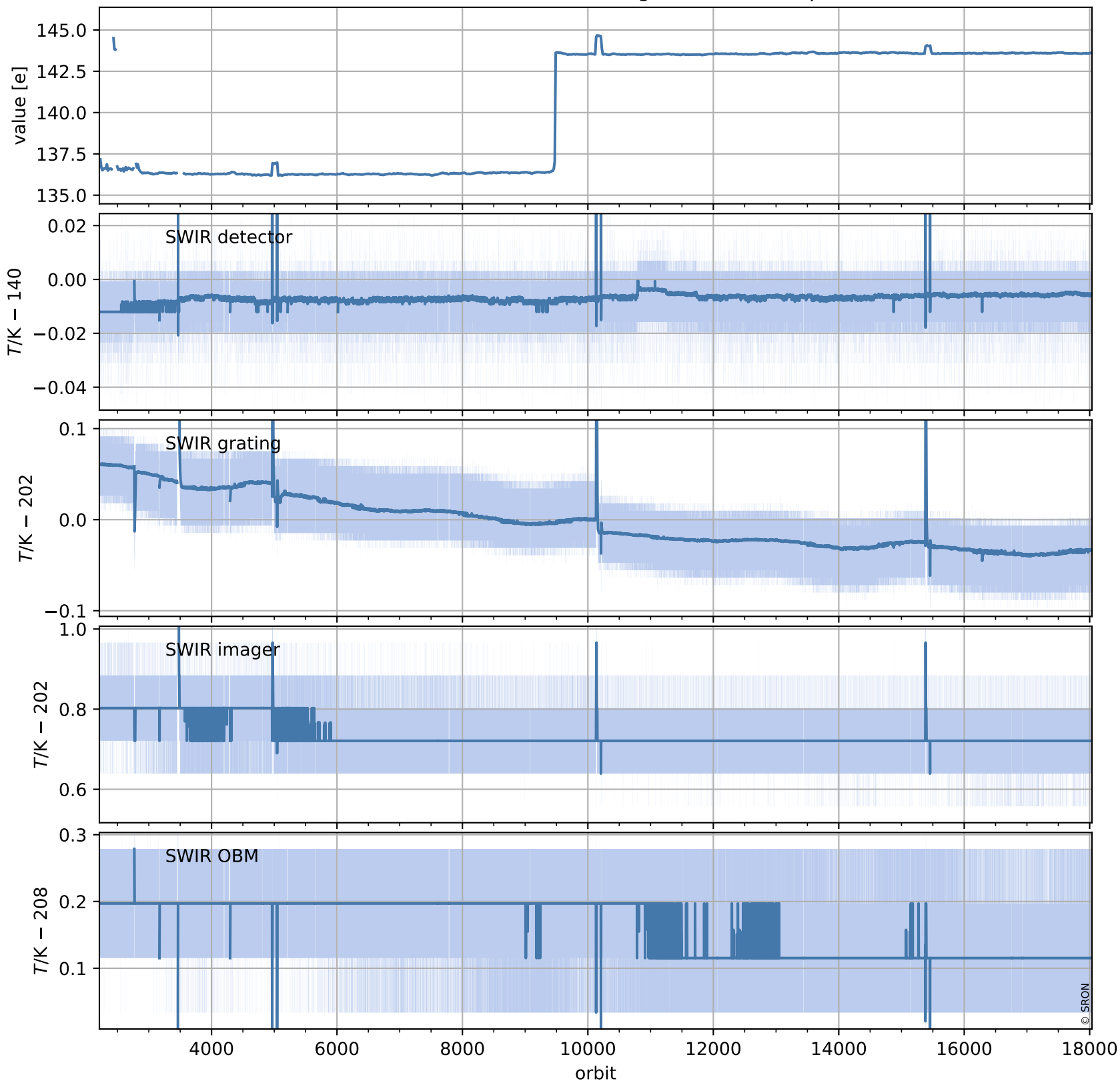
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18037]
coverage : 2018-03-18 / 2021-04-06
created : 2023-08-21T15:57:00

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18037]
coverage : 2018-03-18 / 2021-04-06
created : 2023-08-21T15:57:01

trend of normalized read-noise & temperatures

