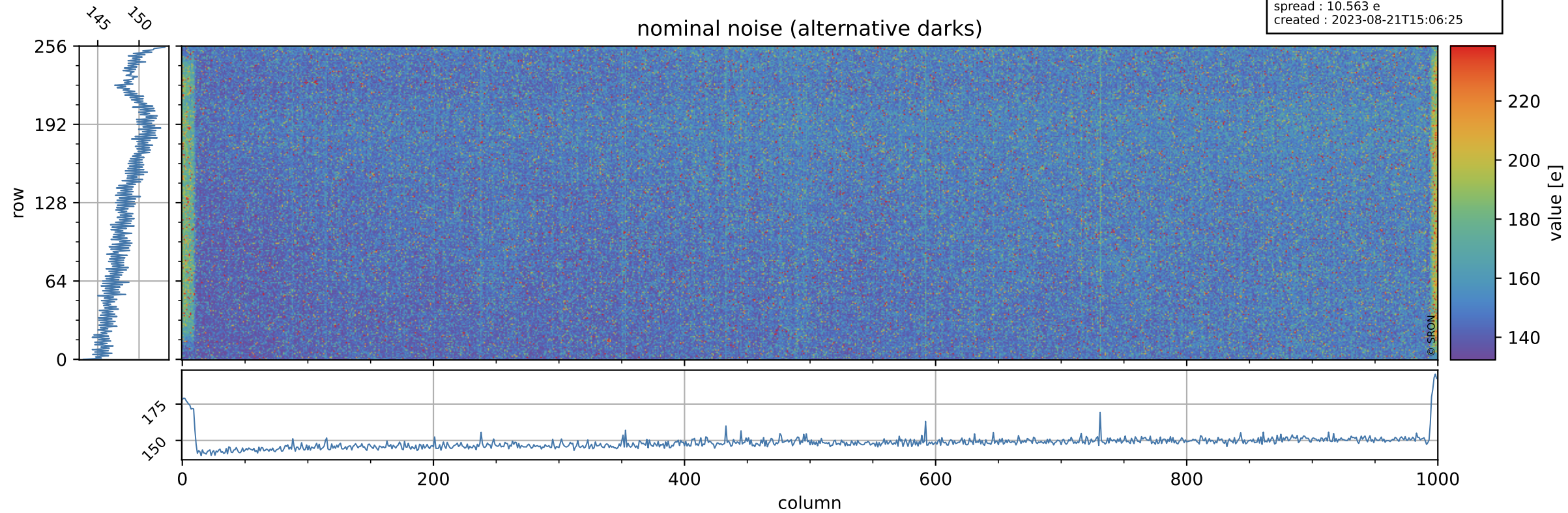


Tropomi SWIR background noise (swir)

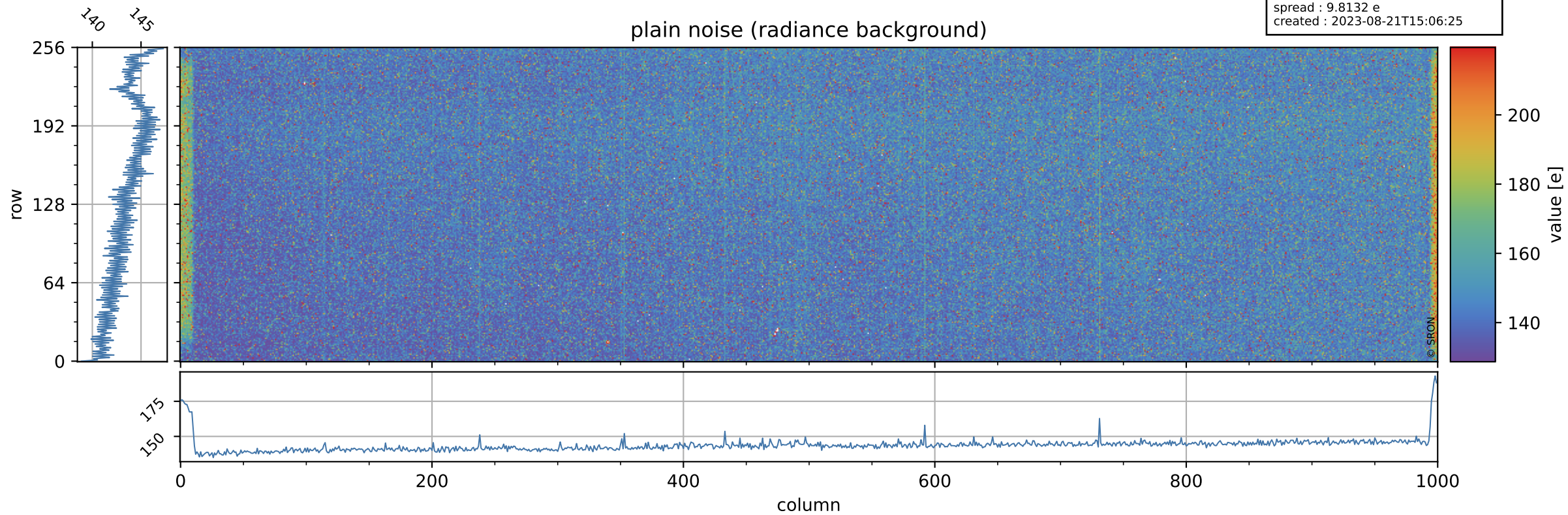
orbits : 13 in [9652, 9727]
coverage : 2019-08-24 / 2019-08-29
n_coad, t_exp : 1, 1.0783
median : 148.37 e
spread : 10.563 e
created : 2023-08-21T15:06:25



Tropomi SWIR background noise (swir)

orbits : 13 in [9652, 9727]
coverage : 2019-08-24 / 2019-08-29
n_coad, t_exp : 1, 0.8383
median : 143.37 e
spread : 9.8132 e
created : 2023-08-21T15:06:25

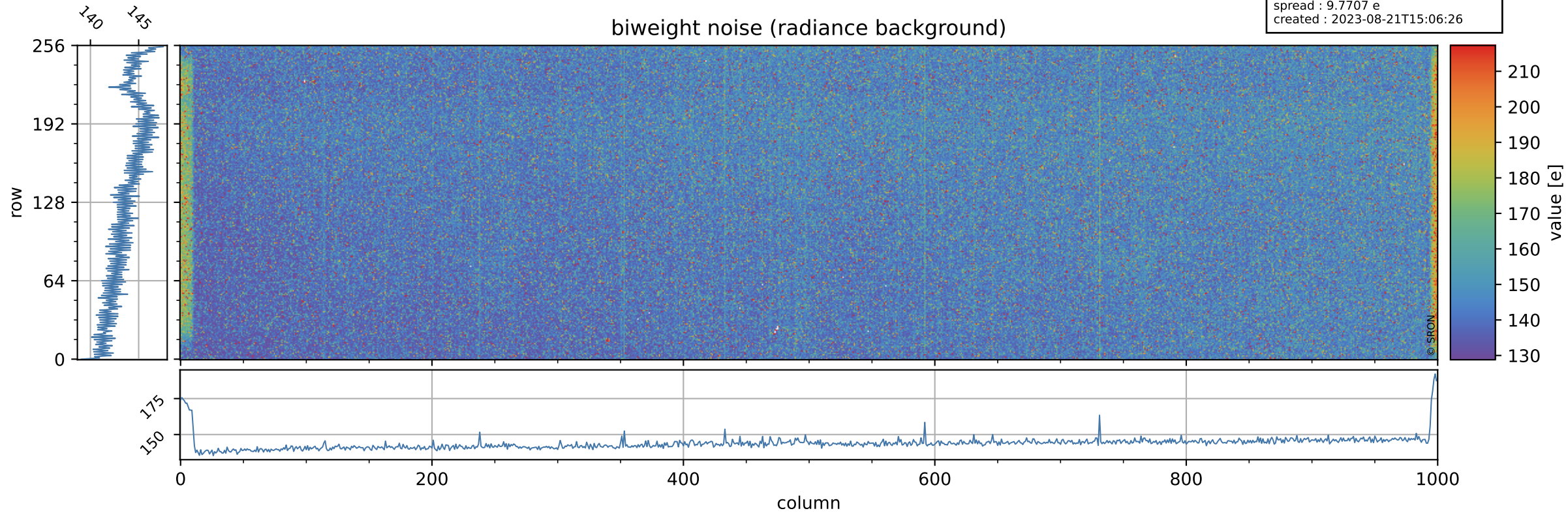
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9652, 9727]
coverage : 2019-08-24 / 2019-08-29
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.7707 e
created : 2023-08-21T15:06:26

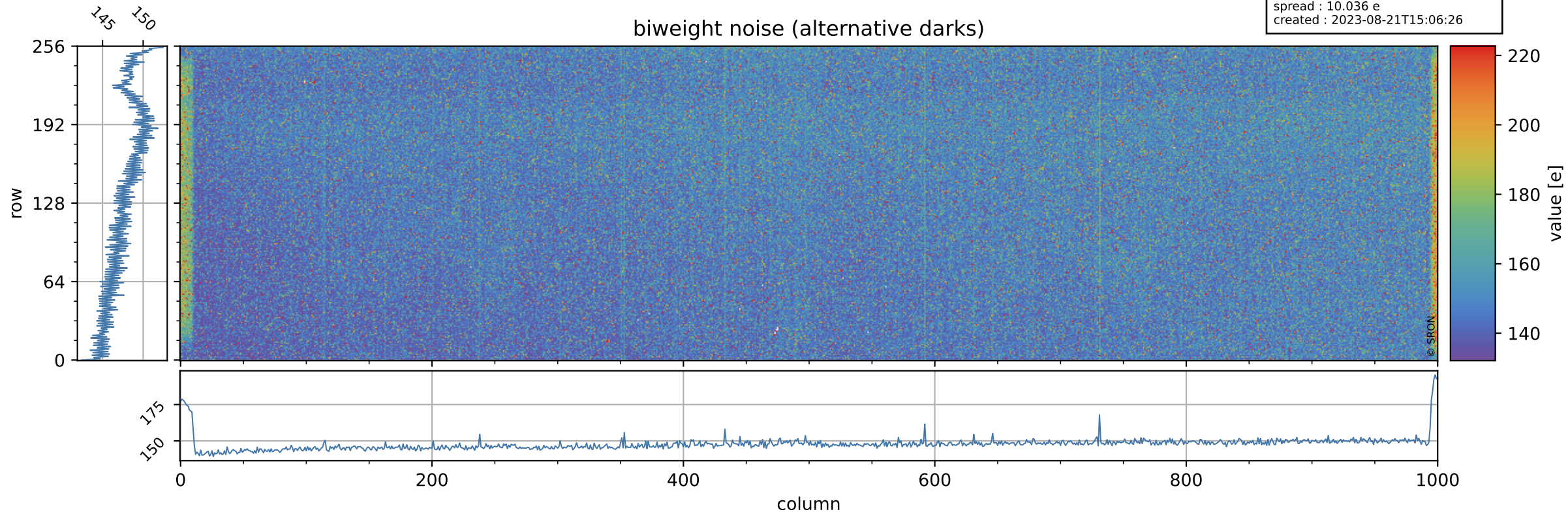
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9652, 9727]
coverage : 2019-08-24 / 2019-08-29
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.036 e
created : 2023-08-21T15:06:26

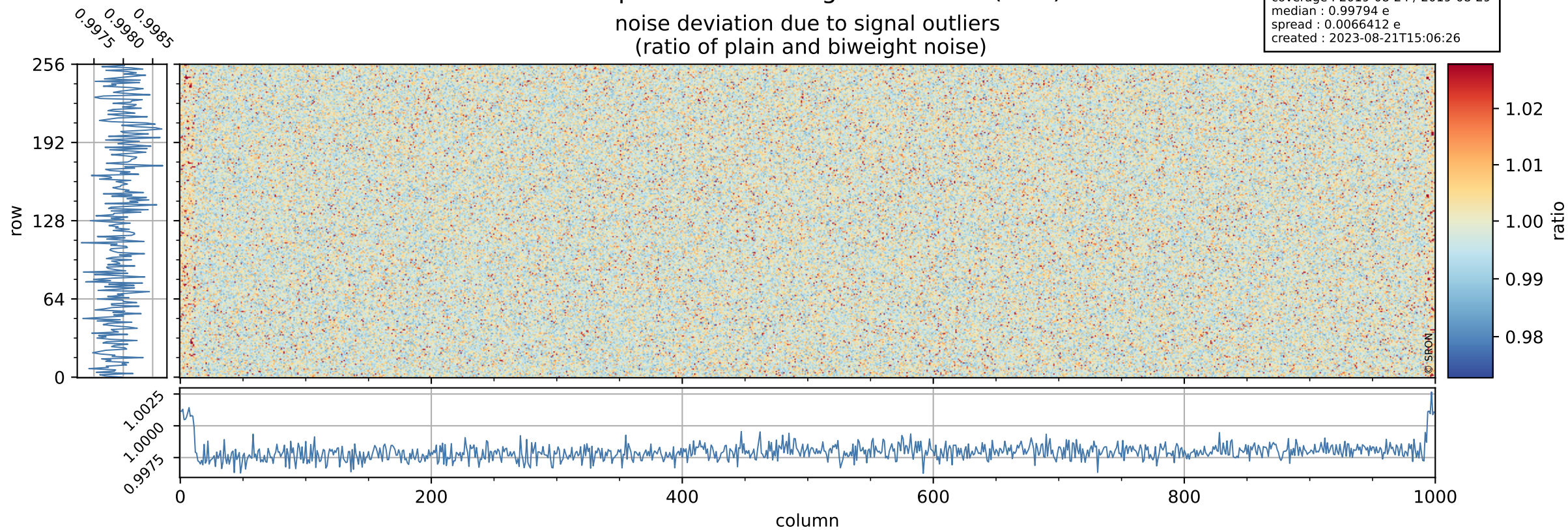
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

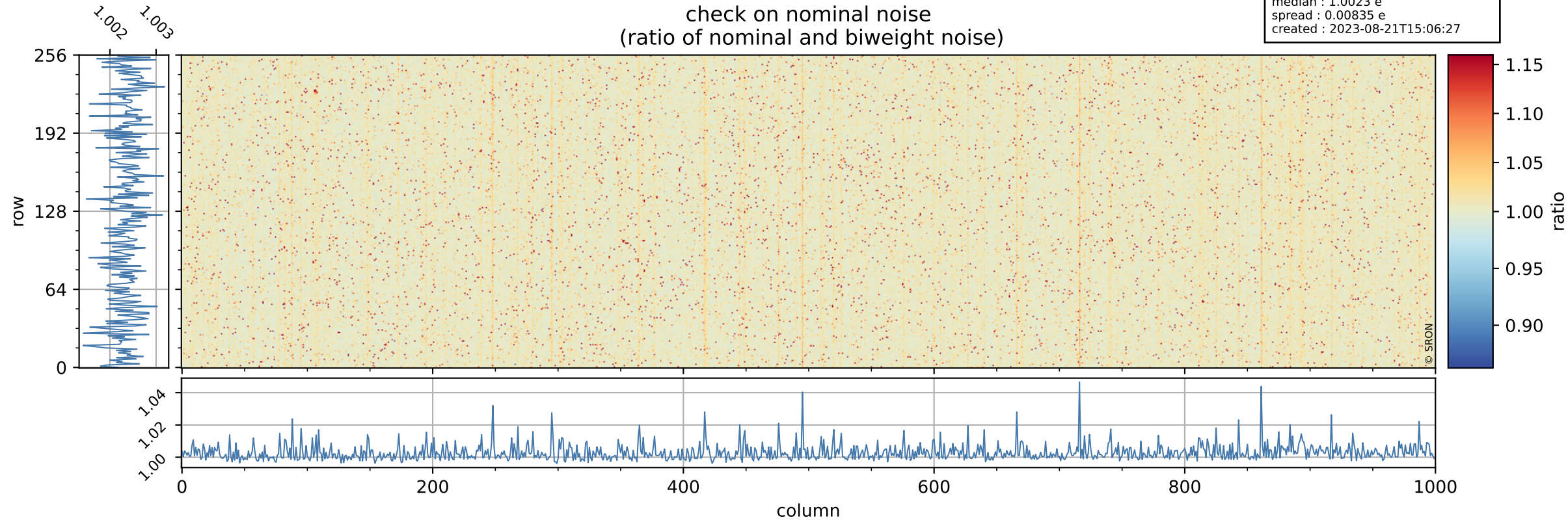
orbits : 13 in [9652, 9727]
coverage : 2019-08-24 / 2019-08-29
median : 0.99794 e
spread : 0.0066412 e
created : 2023-08-21T15:06:26



Tropomi SWIR background noise (swir)

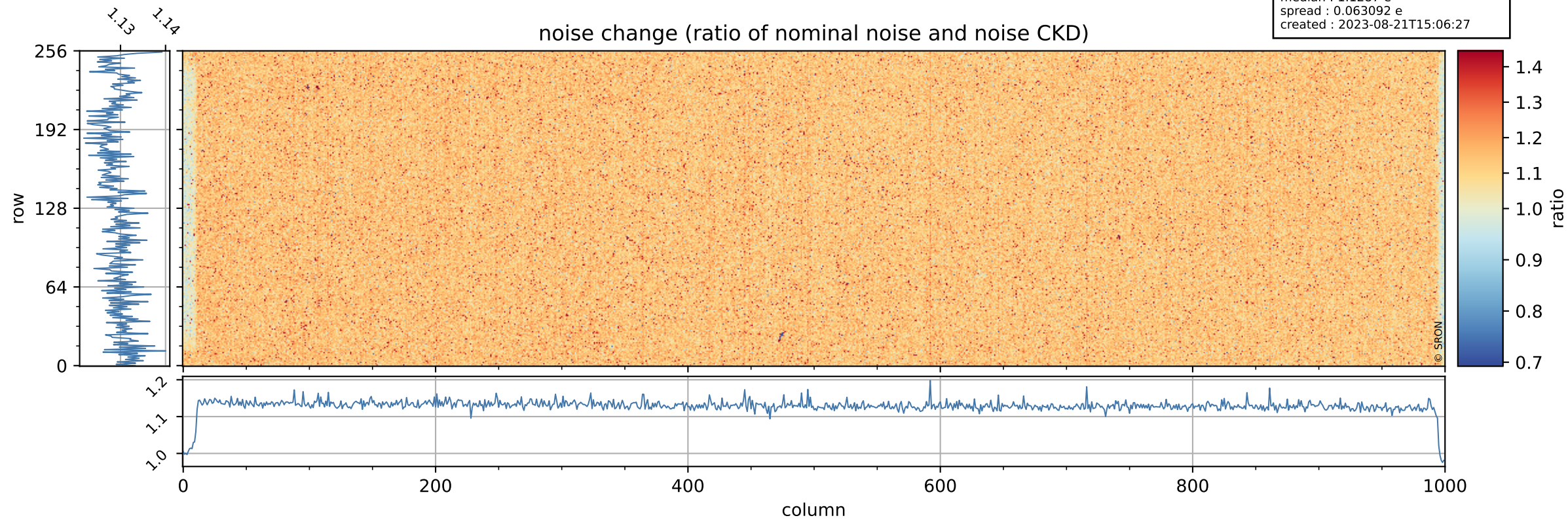
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [9652, 9727]
coverage : 2019-08-24 / 2019-08-29
median : 1.0023 e
spread : 0.00835 e
created : 2023-08-21T15:06:27



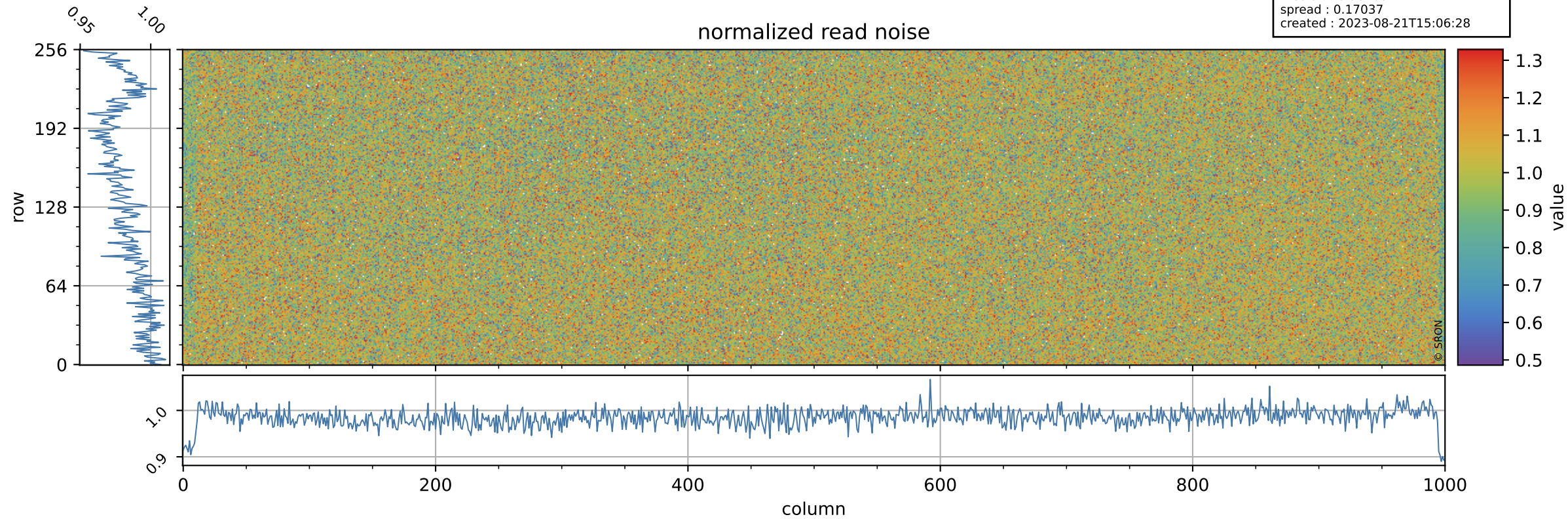
Tropomi SWIR background noise (swir)

orbits : 13 in [9652, 9727]
coverage : 2019-08-24 / 2019-08-29
median : 1.1287 e
spread : 0.063092 e
created : 2023-08-21T15:06:27



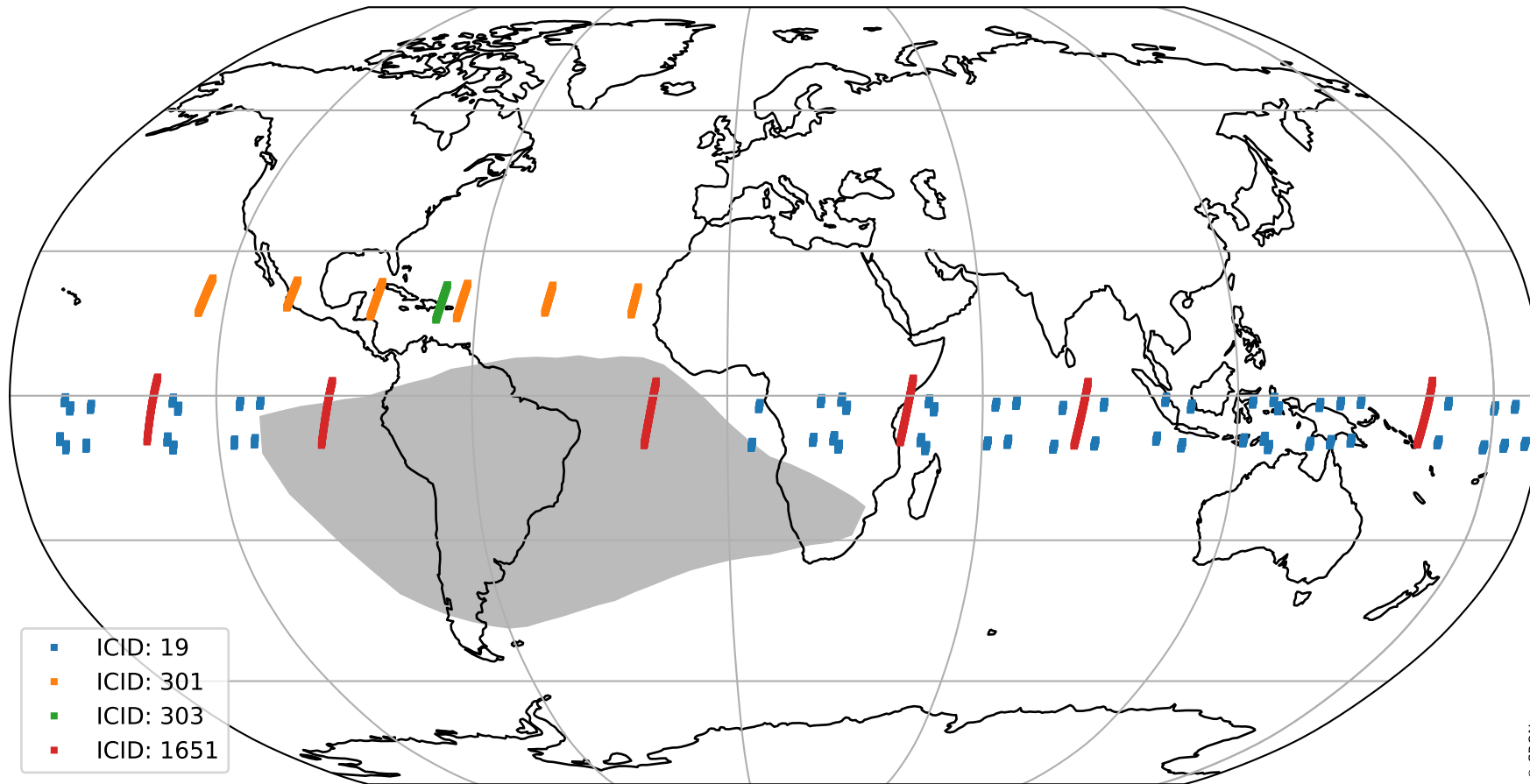
Tropomi SWIR background noise (swir)

orbits : 13 in [9652, 9727]
coverage : 2019-08-24 / 2019-08-29
median : 0.98268
spread : 0.17037
created : 2023-08-21T15:06:28



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

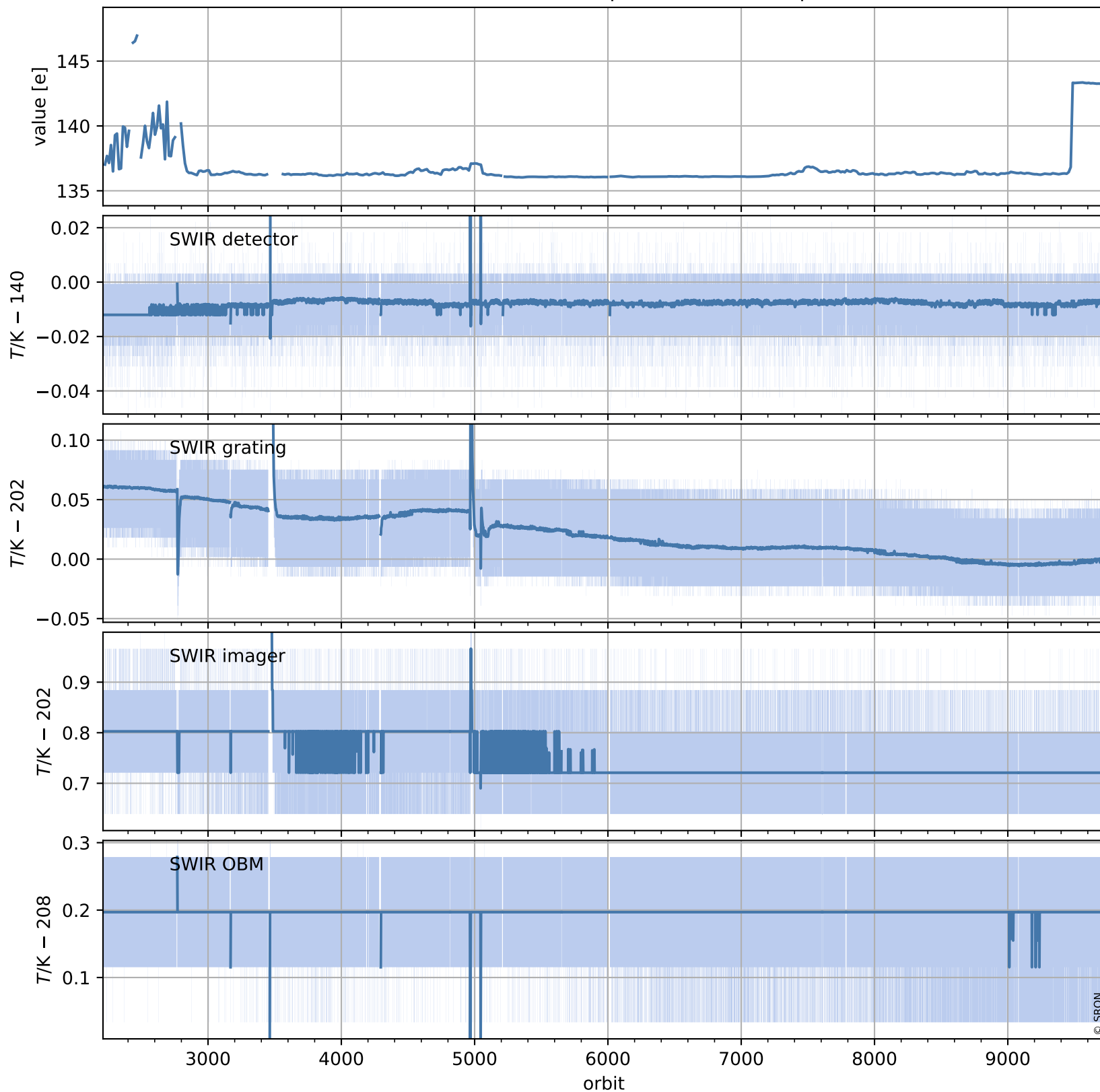
orbits : 13 in [9652, 9727]
coverage : 2019-08-24 / 2019-08-29
created : 2023-08-21T15:06:28



Tropomi SWIR background noise (swir)

orbits : [2212, 9727]
coverage : 2018-03-18 / 2019-08-29
created : 2023-08-21T15:06:28

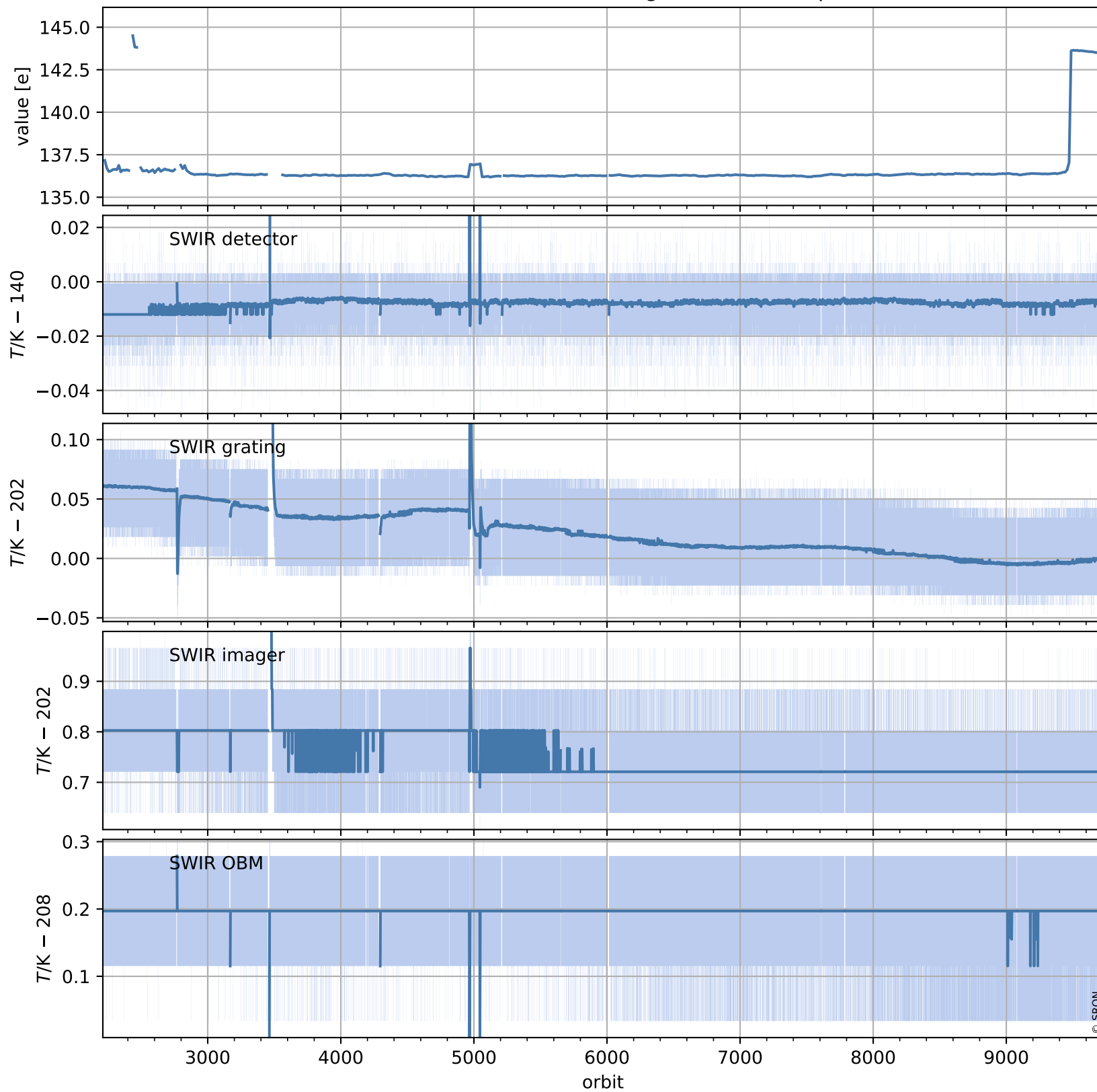
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9727]
coverage : 2018-03-18 / 2019-08-29
created : 2023-08-21T15:06:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9727]
coverage : 2018-03-18 / 2019-08-29
created : 2023-08-21T15:06:30

trend of normalized read-noise & temperatures

