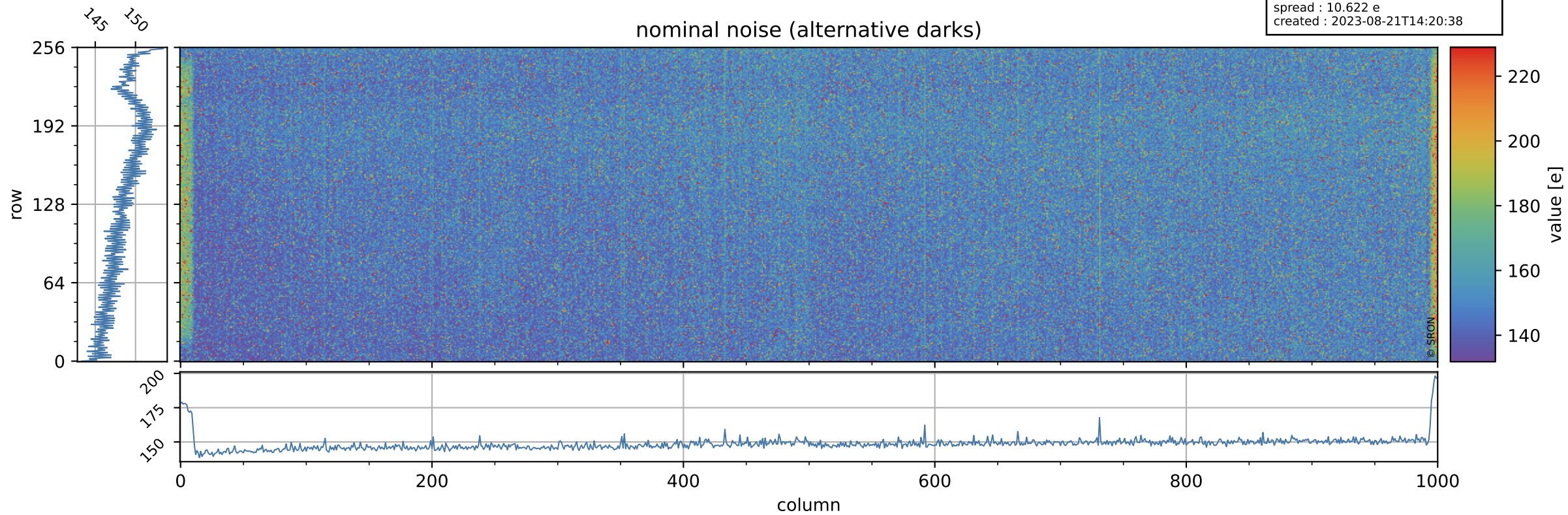


Tropomi SWIR background noise (swir)

orbits : 11 in [3082, 3157]
coverage : 2018-05-17 / 2018-05-23
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.622 e
created : 2023-08-21T14:20:38

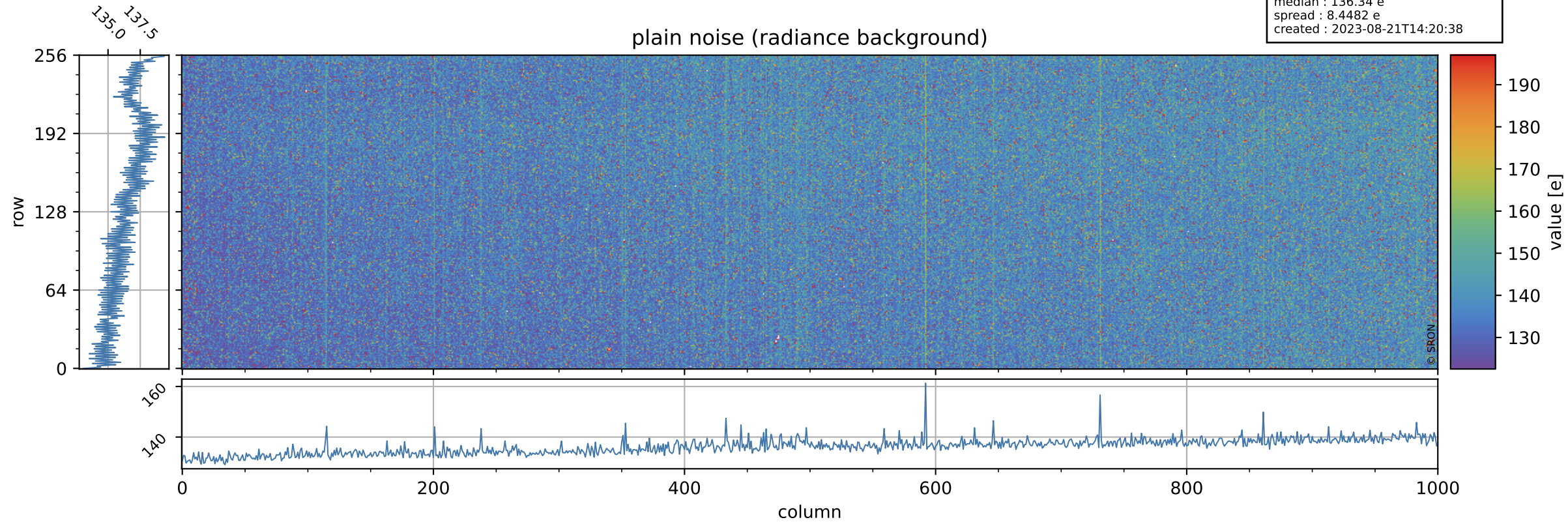
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [3082, 3157]
coverage : 2018-05-17 / 2018-05-23
n_coad, t_exp : 2, 0.5383
median : 136.34 e
spread : 8.4482 e
created : 2023-08-21T14:20:38

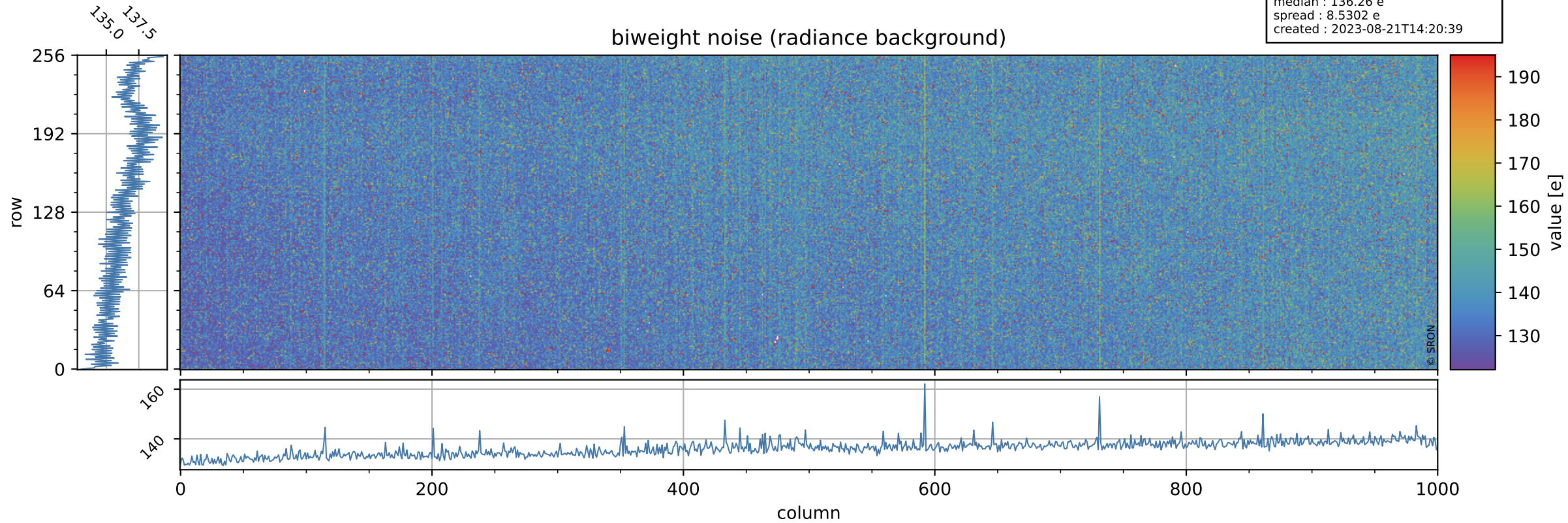
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [3082, 3157]
coverage : 2018-05-17 / 2018-05-23
n_coad, t_exp : 2, 0.5383
median : 136.26 e
spread : 8.5302 e
created : 2023-08-21T14:20:39

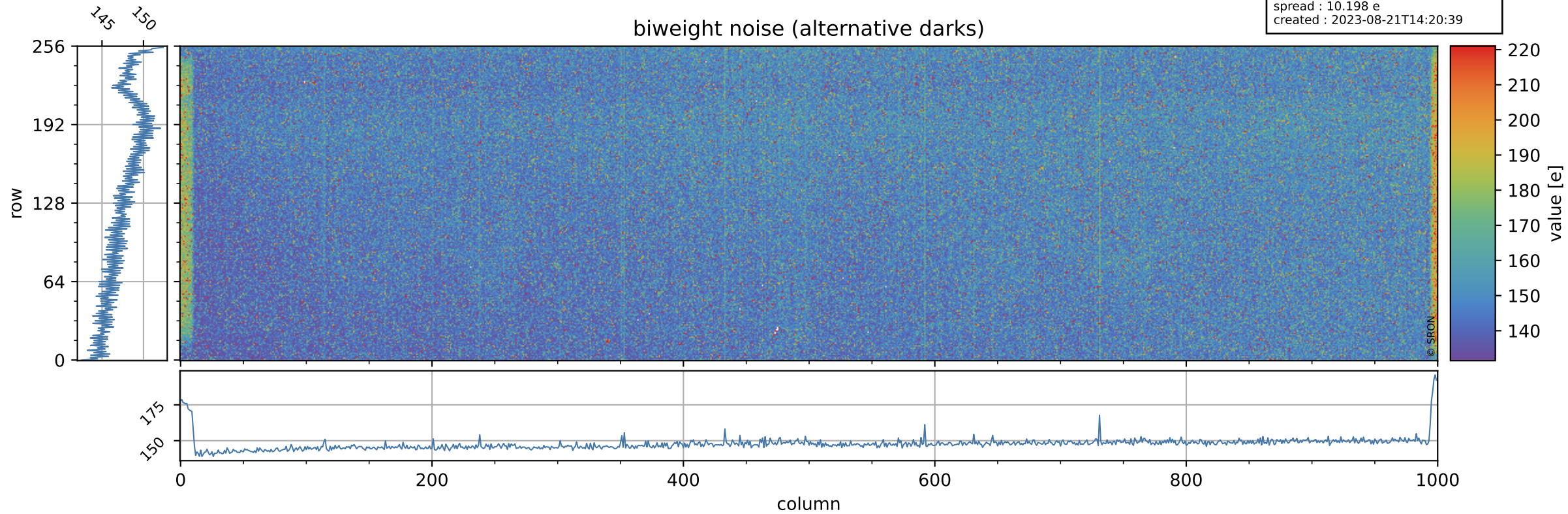
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [3082, 3157]
coverage : 2018-05-17 / 2018-05-23
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 10.198 e
created : 2023-08-21T14:20:39

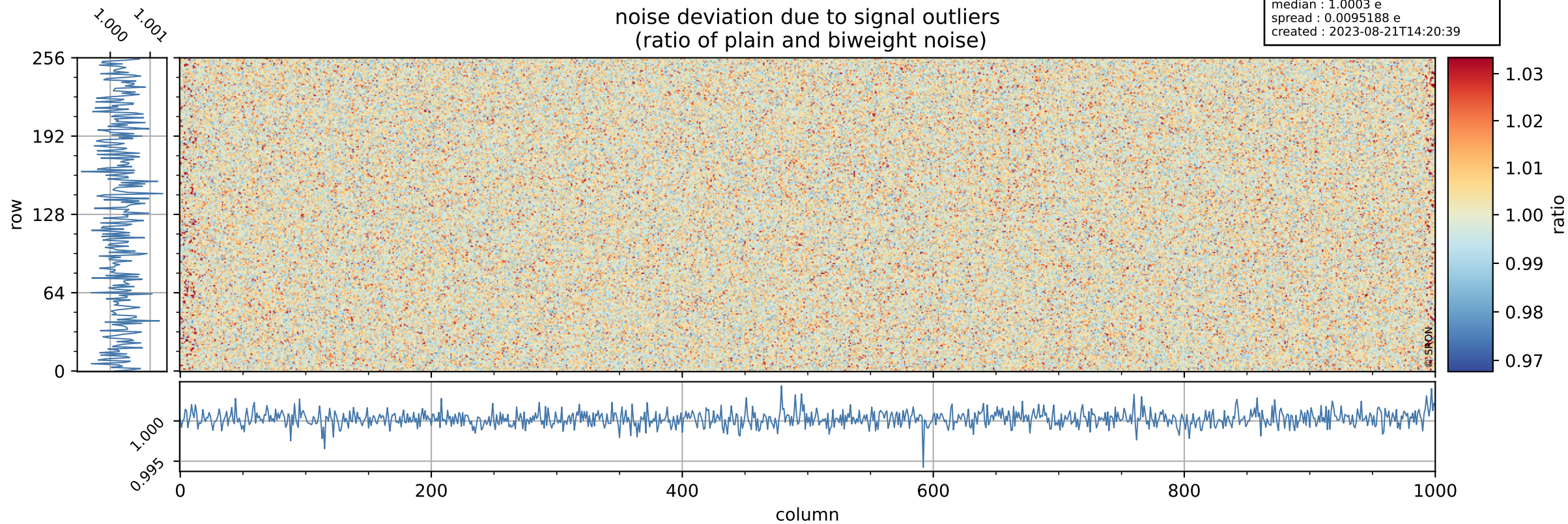
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

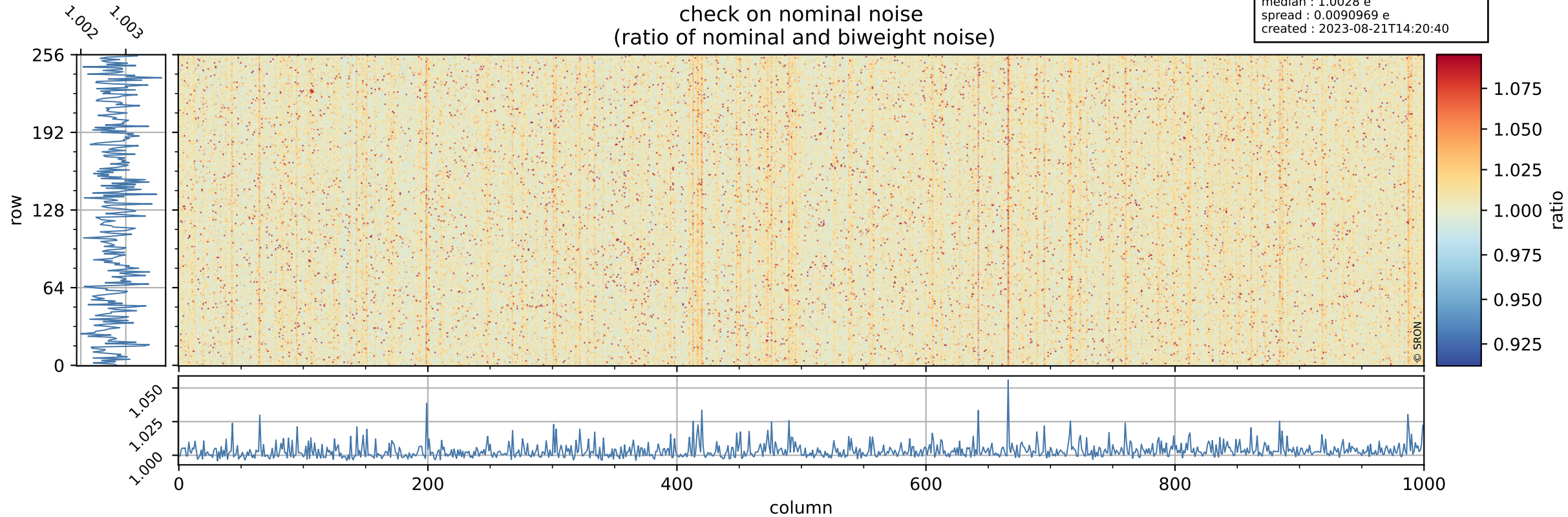
orbits : 11 in [3082, 3157]
coverage : 2018-05-17 / 2018-05-23
median : 1.0003 e
spread : 0.0095188 e
created : 2023-08-21T14:20:39



Tropomi SWIR background noise (swir)

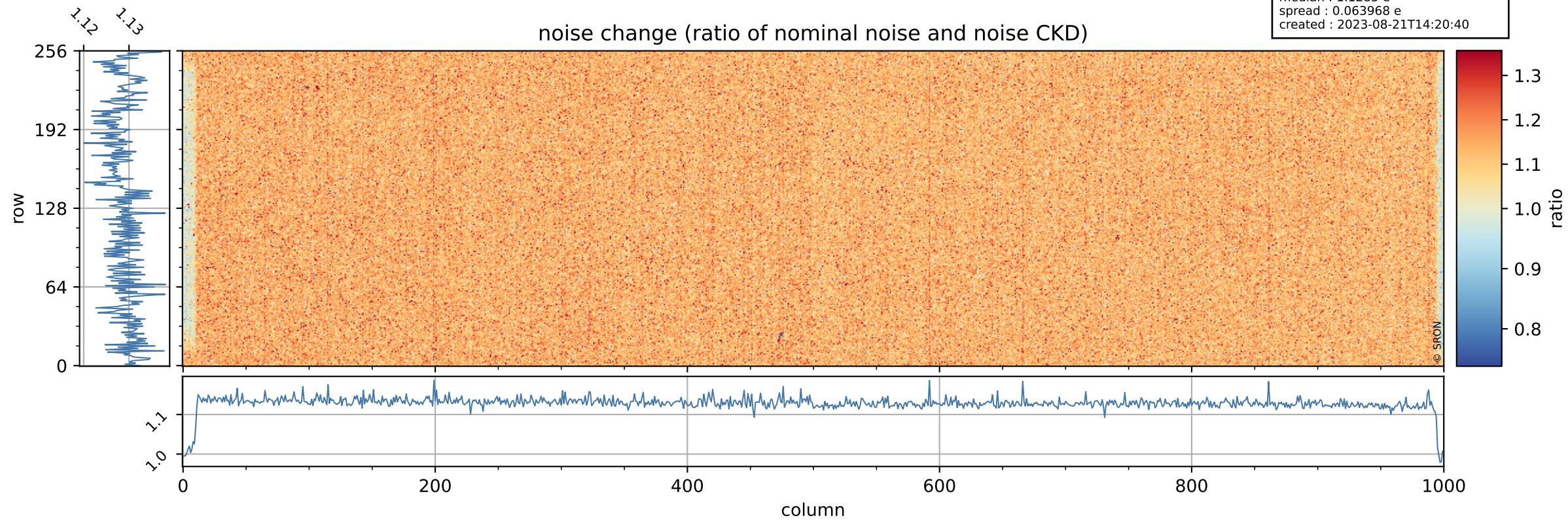
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [3082, 3157]
coverage : 2018-05-17 / 2018-05-23
median : 1.0028 e
spread : 0.0090969 e
created : 2023-08-21T14:20:40



Tropomi SWIR background noise (swir)

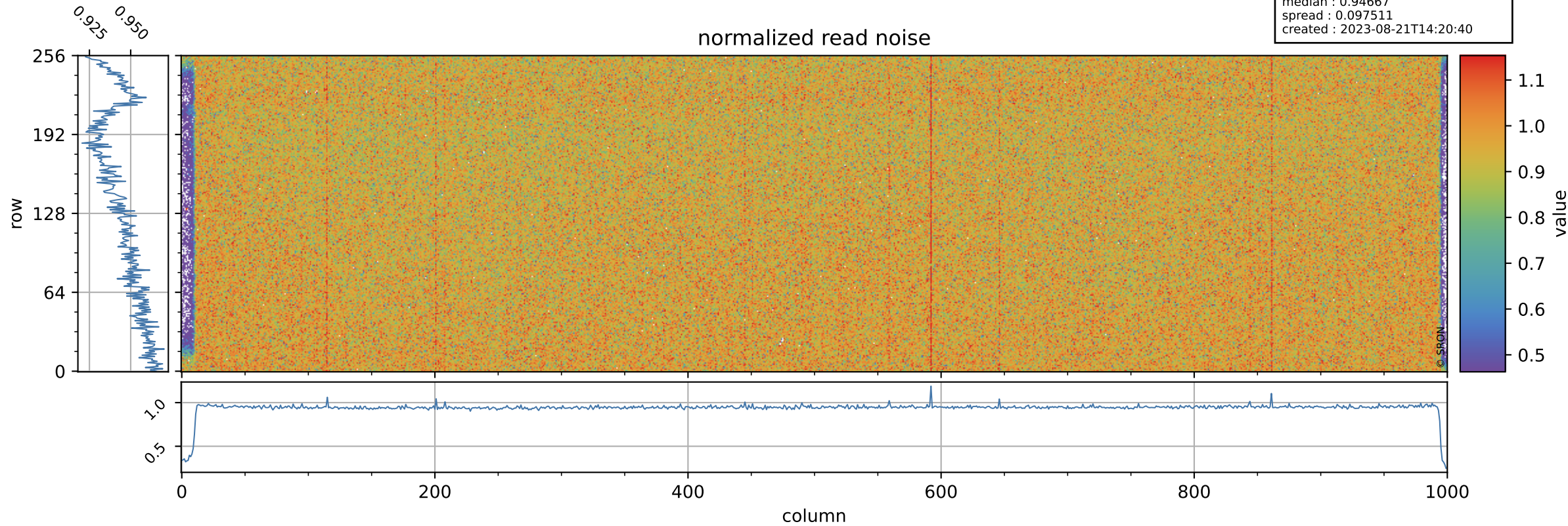
orbits : 11 in [3082, 3157]
coverage : 2018-05-17 / 2018-05-23
median : 1.1285 e
spread : 0.063968 e
created : 2023-08-21T14:20:40



Tropomi SWIR background noise (swir)

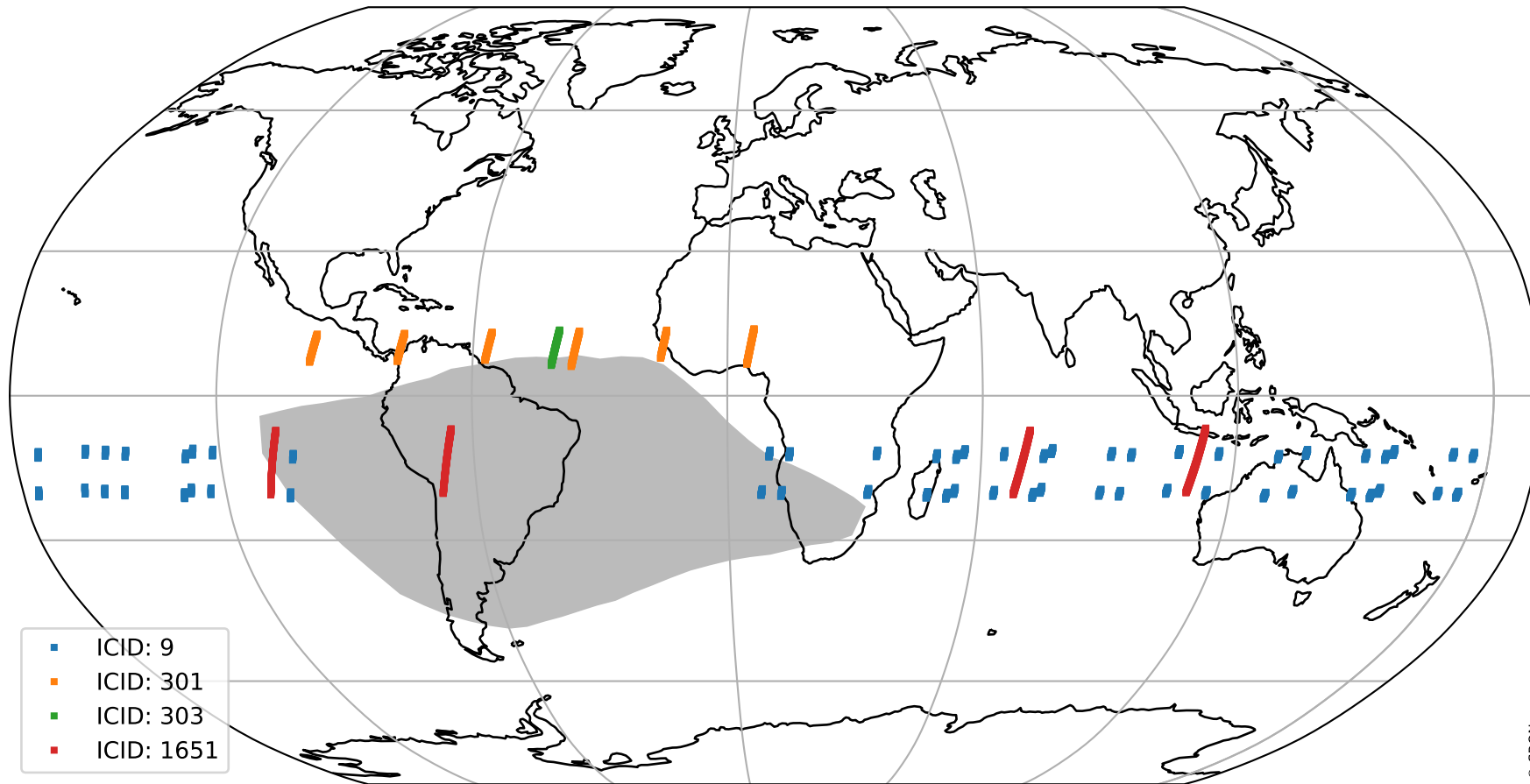
orbits : 11 in [3082, 3157]
coverage : 2018-05-17 / 2018-05-23
median : 0.94667
spread : 0.097511
created : 2023-08-21T14:20:40

normalized read noise



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

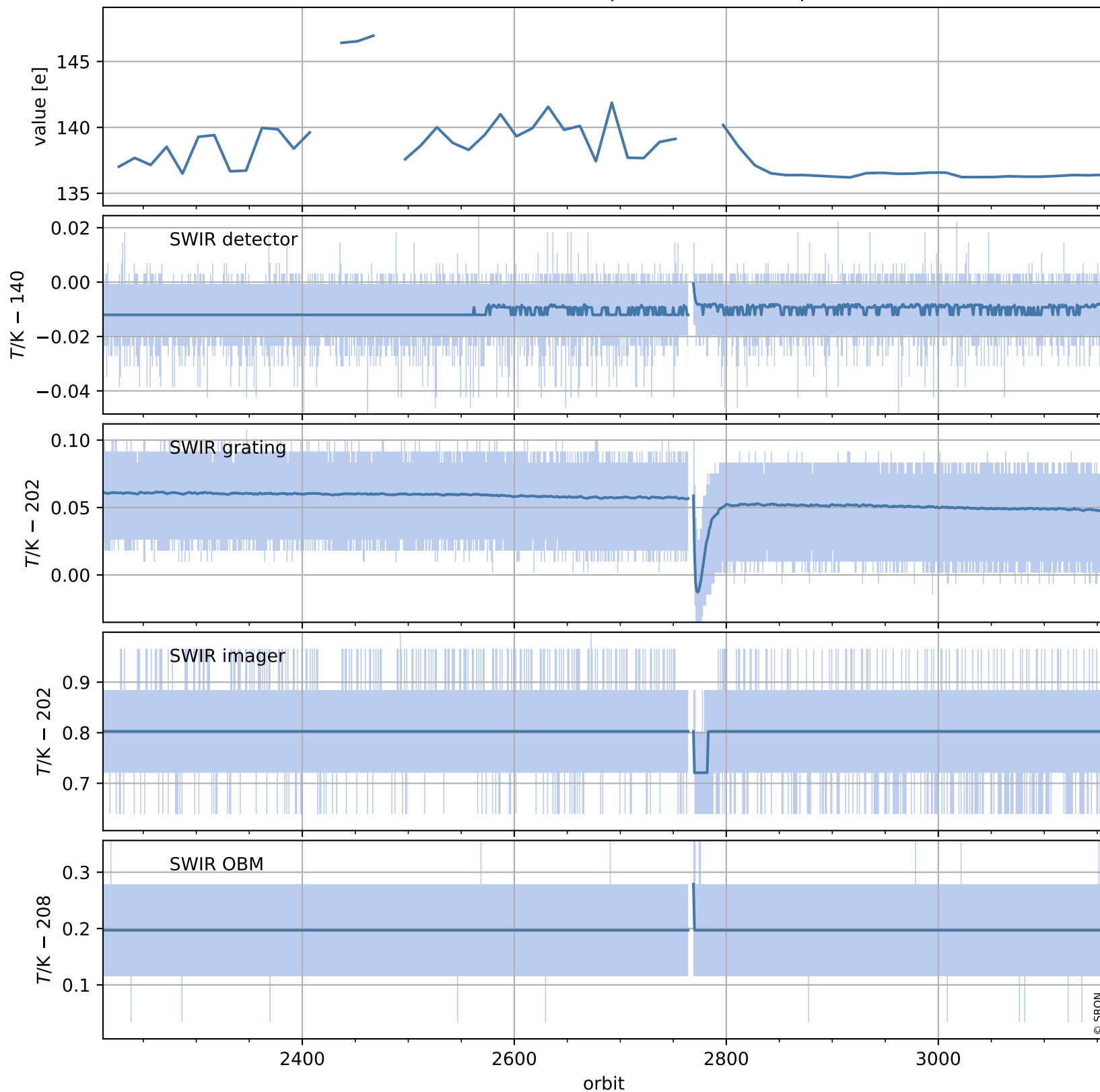
orbits : 11 in [3082, 3157]
coverage : 2018-05-17 / 2018-05-23
created : 2023-08-21T14:20:41



Tropomi SWIR background noise (swir)

orbits : [2212, 3157]
coverage : 2018-03-18 / 2018-05-23
created : 2023-08-21T14:20:41

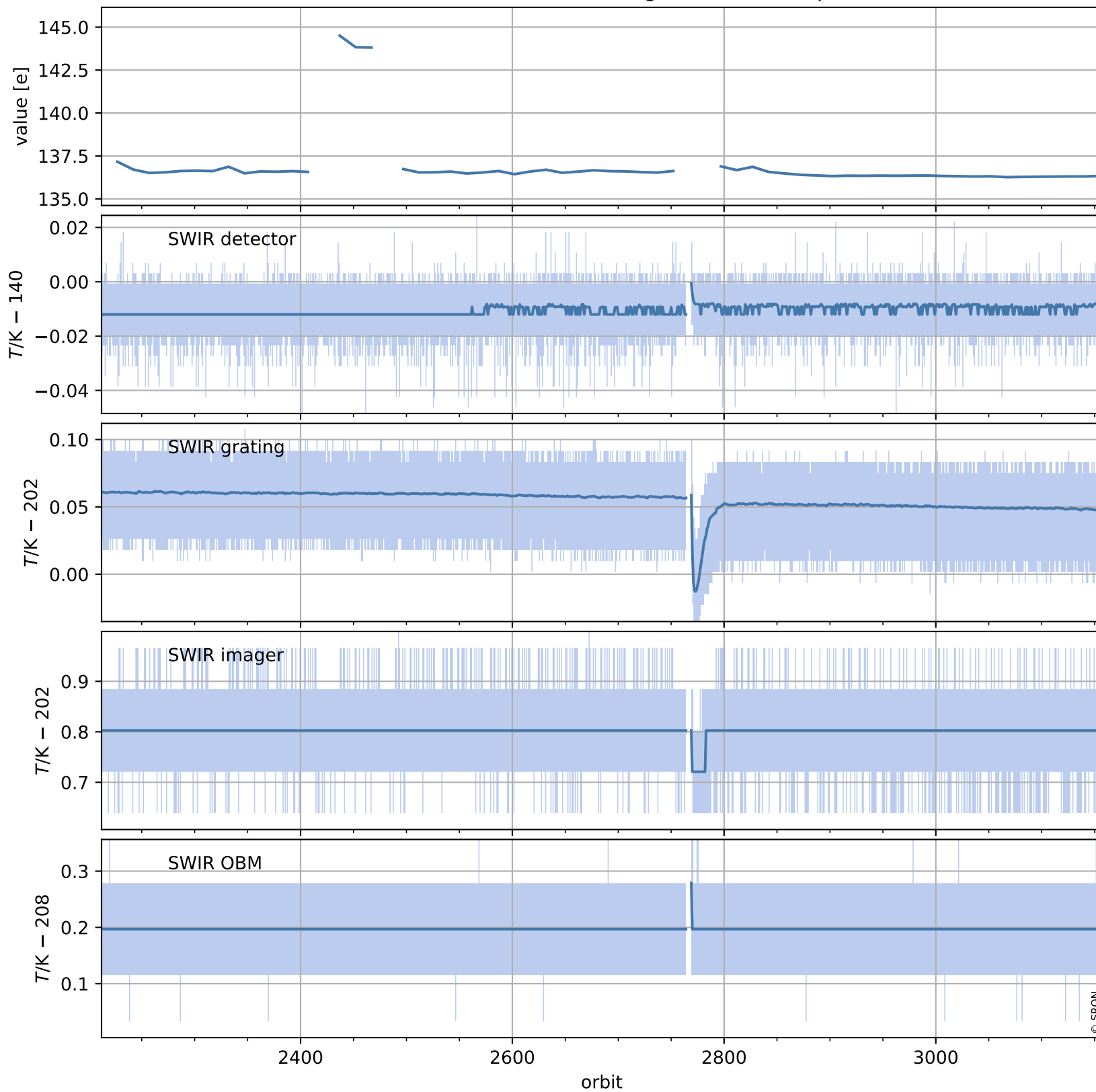
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3157]
coverage : 2018-03-18 / 2018-05-23
created : 2023-08-21T14:20:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3157]
coverage : 2018-03-18 / 2018-05-23
created : 2023-08-21T14:20:42

trend of normalized read-noise & temperatures

