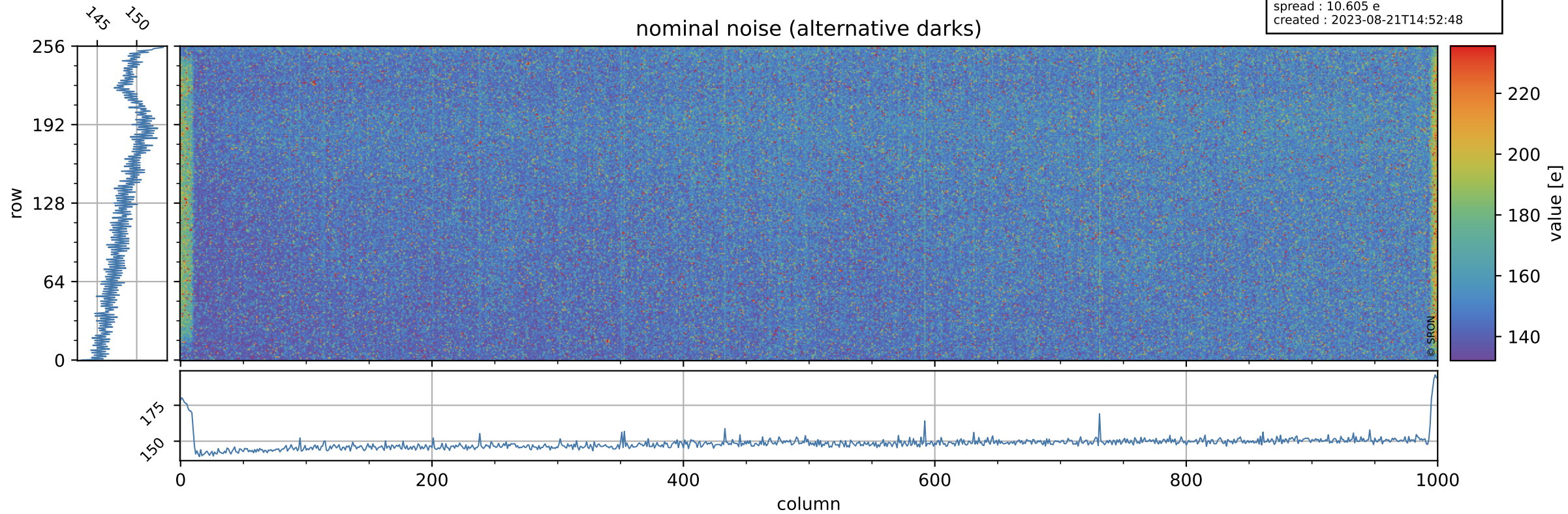


Tropomi SWIR background noise (swir)

orbits : 13 in [7867, 7957]
coverage : 2019-04-21 / 2019-04-27
n_coad, t_exp : 1, 1.0783
median : 148.36 e
spread : 10.605 e
created : 2023-08-21T14:52:48

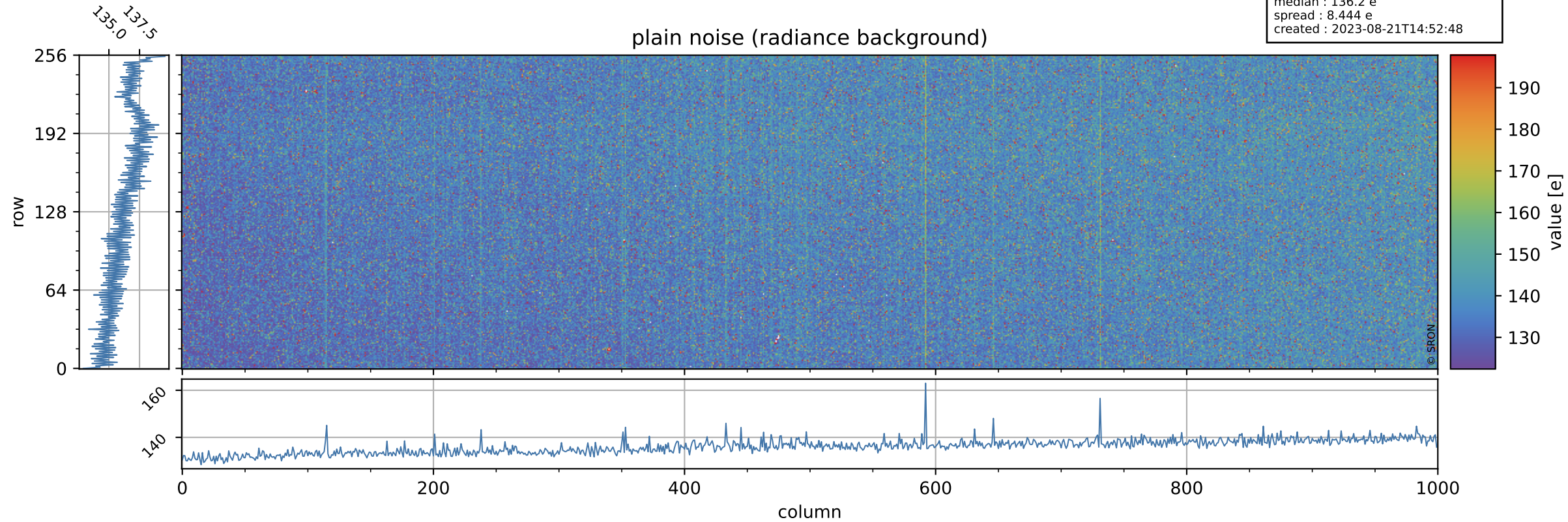
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [7867, 7957]
coverage : 2019-04-21 / 2019-04-27
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.444 e
created : 2023-08-21T14:52:48

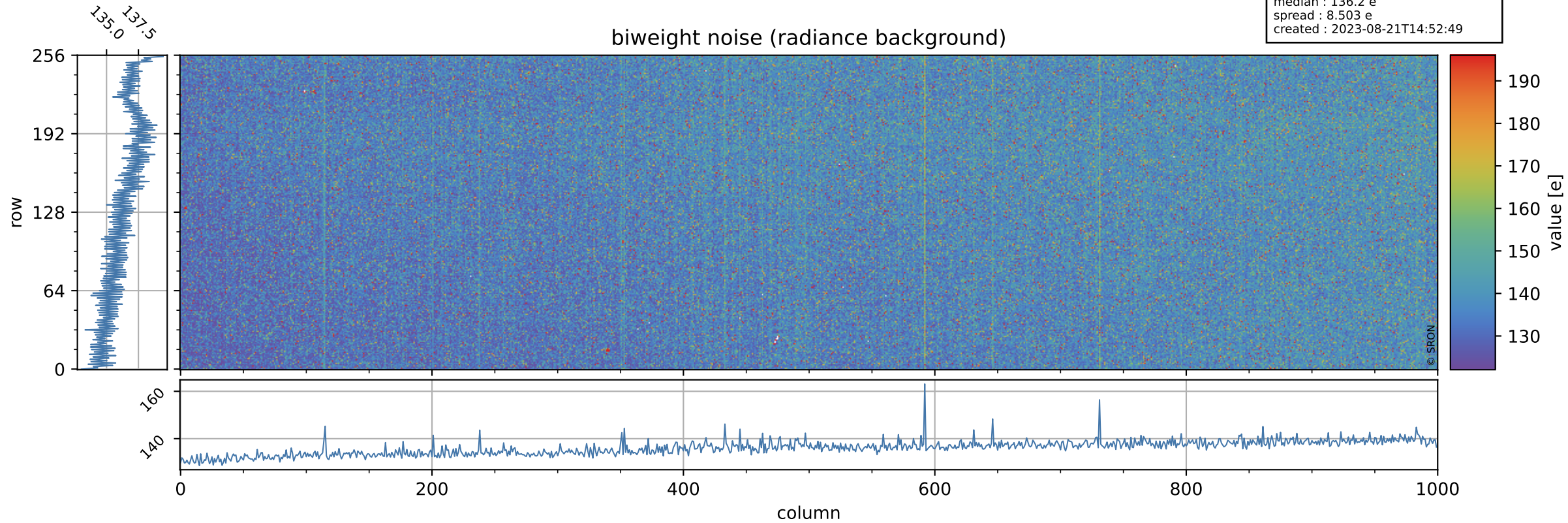
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7867, 7957]
coverage : 2019-04-21 / 2019-04-27
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.503 e
created : 2023-08-21T14:52:49

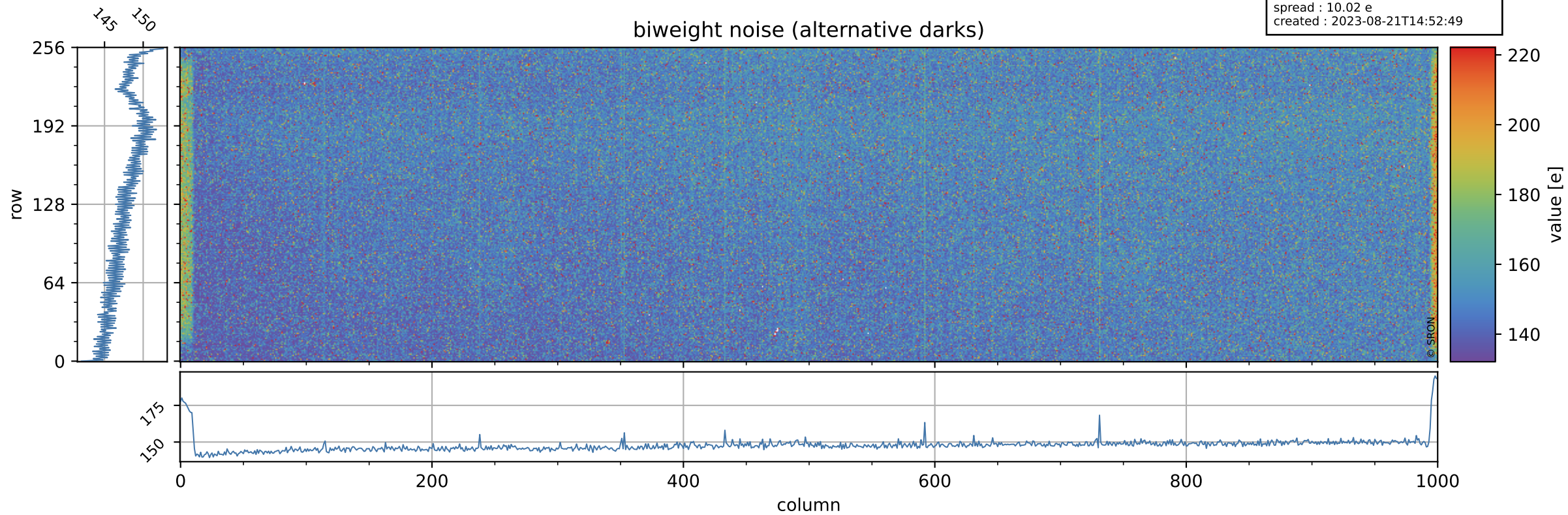
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7867, 7957]
coverage : 2019-04-21 / 2019-04-27
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.02 e
created : 2023-08-21T14:52:49

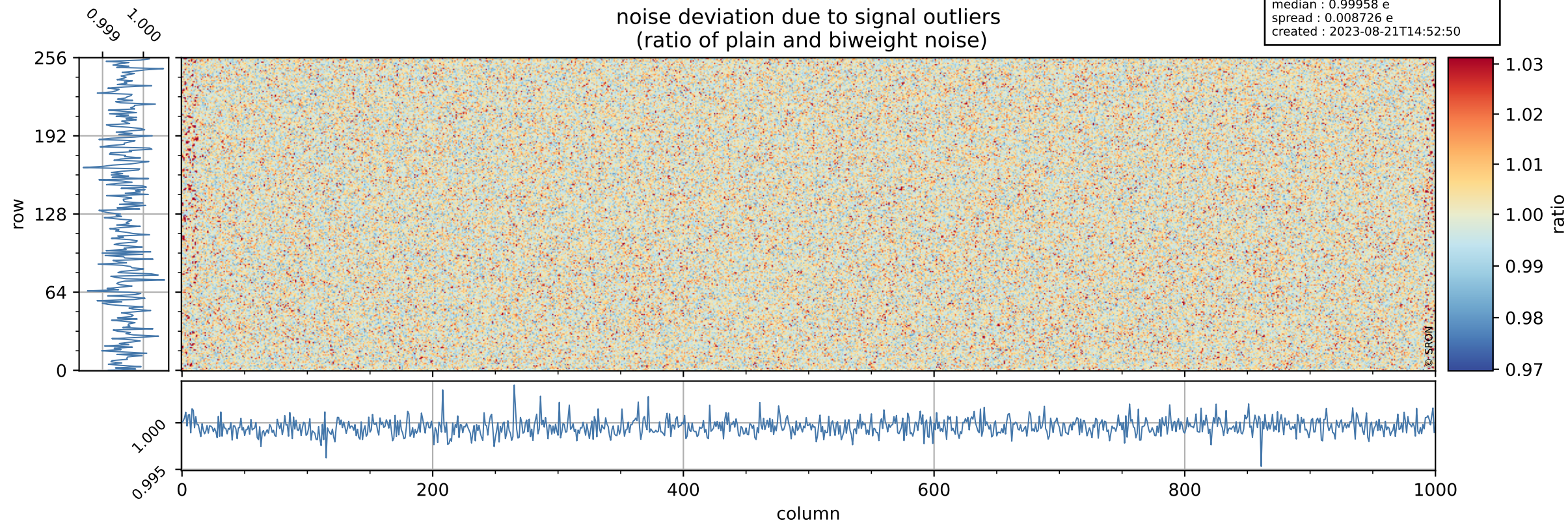
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

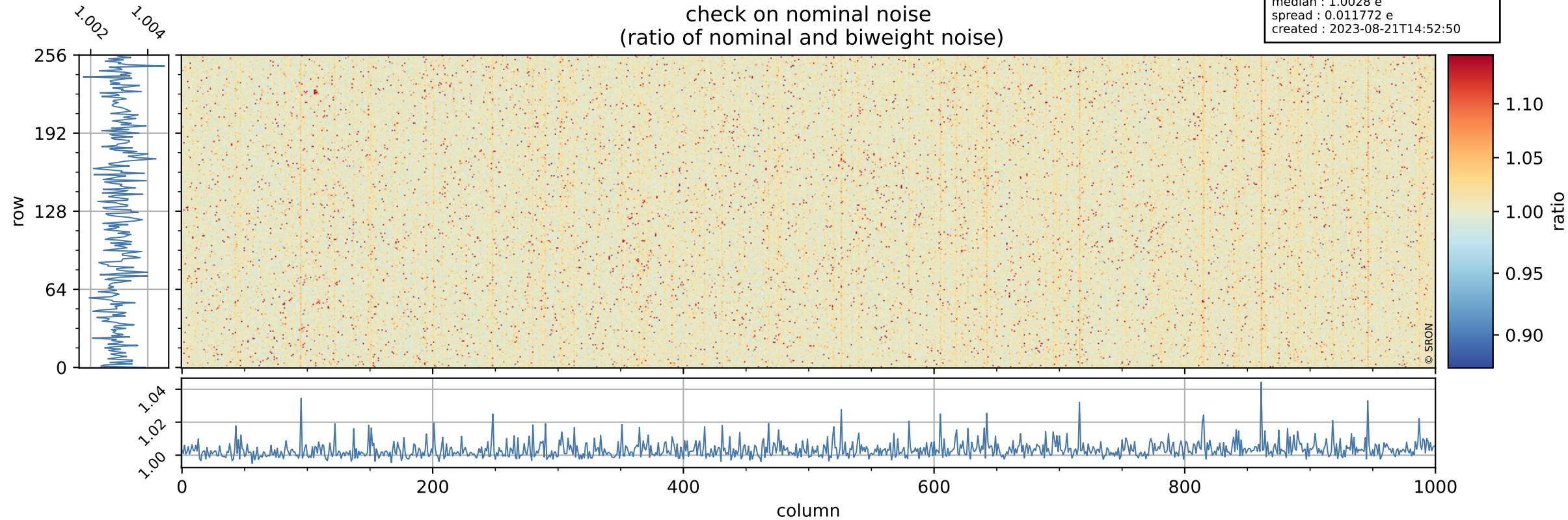
orbits : 13 in [7867, 7957]
coverage : 2019-04-21 / 2019-04-27
median : 0.99958 e
spread : 0.008726 e
created : 2023-08-21T14:52:50



Tropomi SWIR background noise (swir)

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

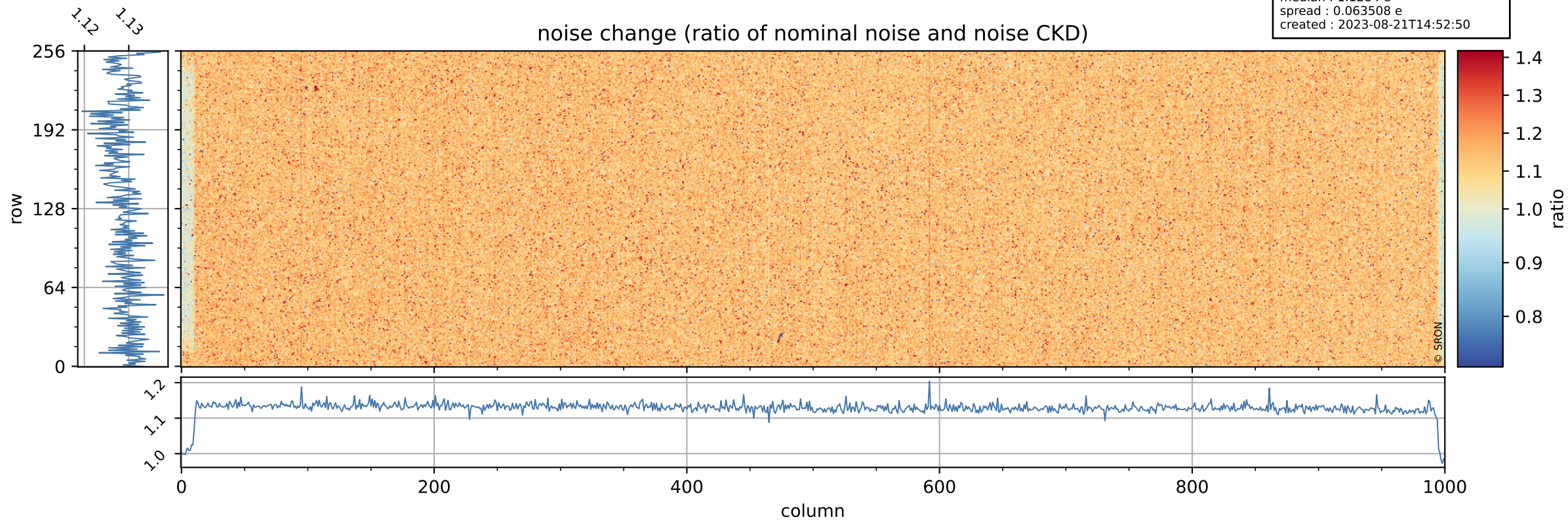
orbits : 13 in [7867, 7957]
coverage : 2019-04-21 / 2019-04-27
median : 1.0028 e
spread : 0.011772 e
created : 2023-08-21T14:52:50



Tropomi SWIR background noise (swir)

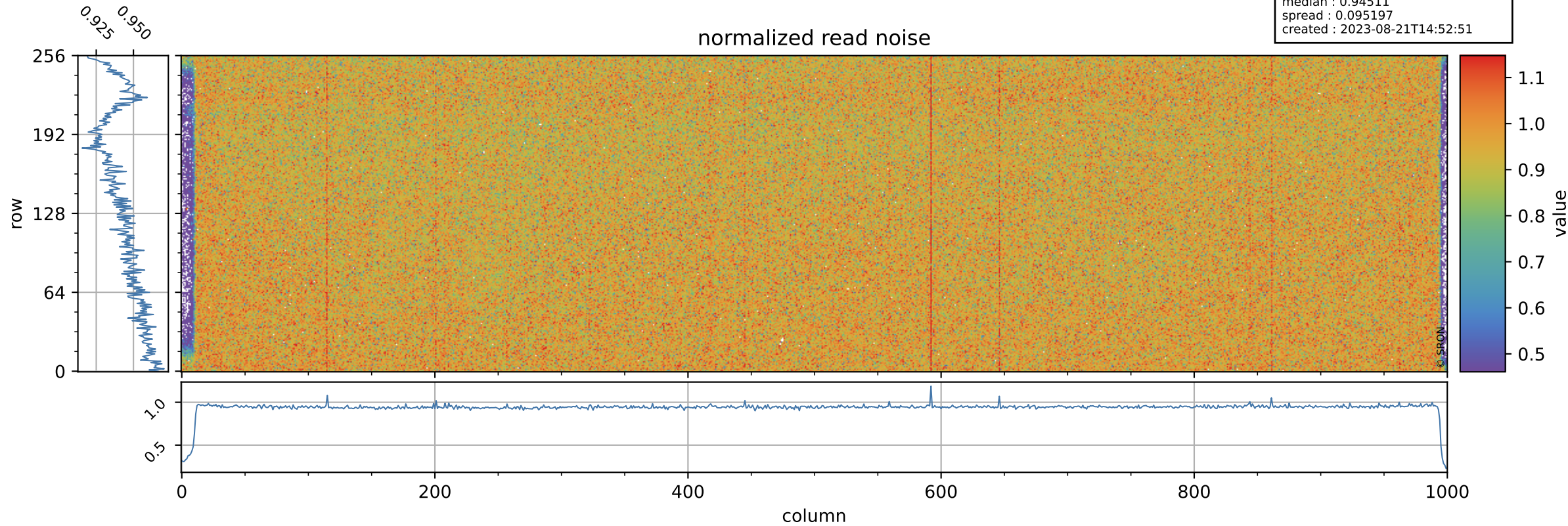
orbits : 13 in [7867, 7957]
coverage : 2019-04-21 / 2019-04-27
median : 1.1284 e
spread : 0.063508 e
created : 2023-08-21T14:52:50

noise change (ratio of nominal noise and noise CKD)



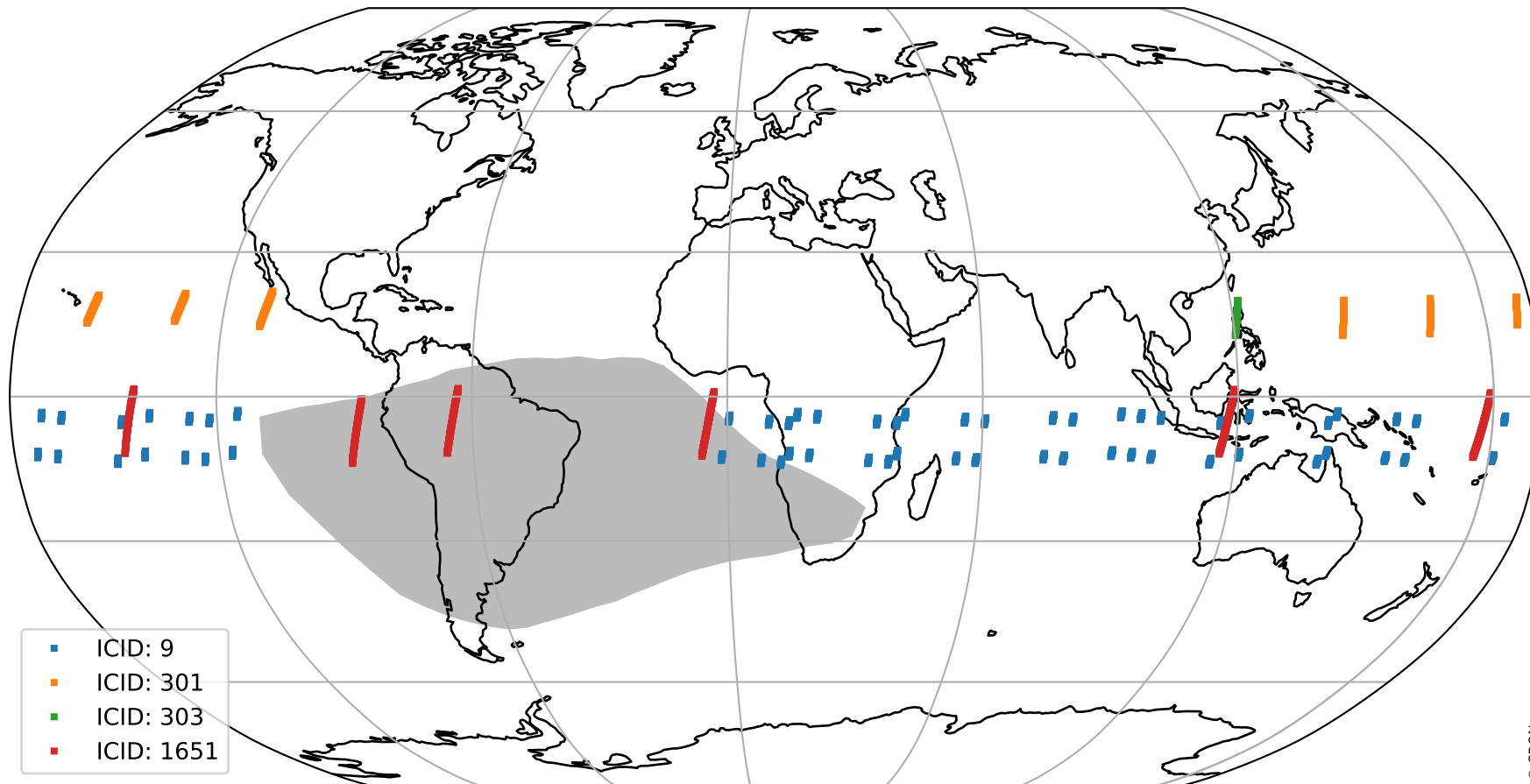
Tropomi SWIR background noise (swir)

orbits : 13 in [7867, 7957]
coverage : 2019-04-21 / 2019-04-27
median : 0.94511
spread : 0.095197
created : 2023-08-21T14:52:51



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

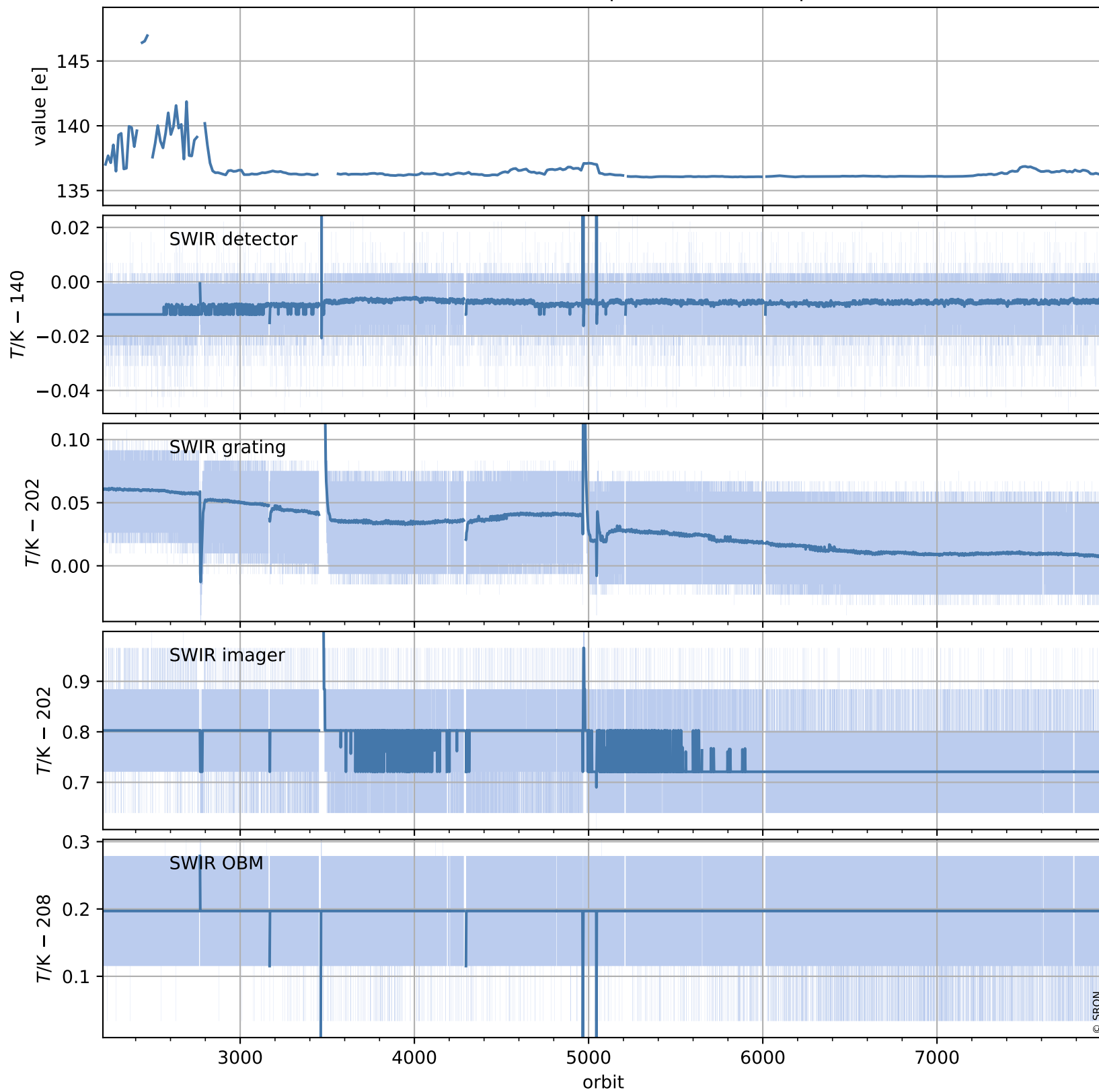
orbits : 13 in [7867, 7957]
coverage : 2019-04-21 / 2019-04-27
created : 2023-08-21T14:52:51



Tropomi SWIR background noise (swir)

orbits : [2212, 7957]
coverage : 2018-03-18 / 2019-04-27
created : 2023-08-21T14:52:51

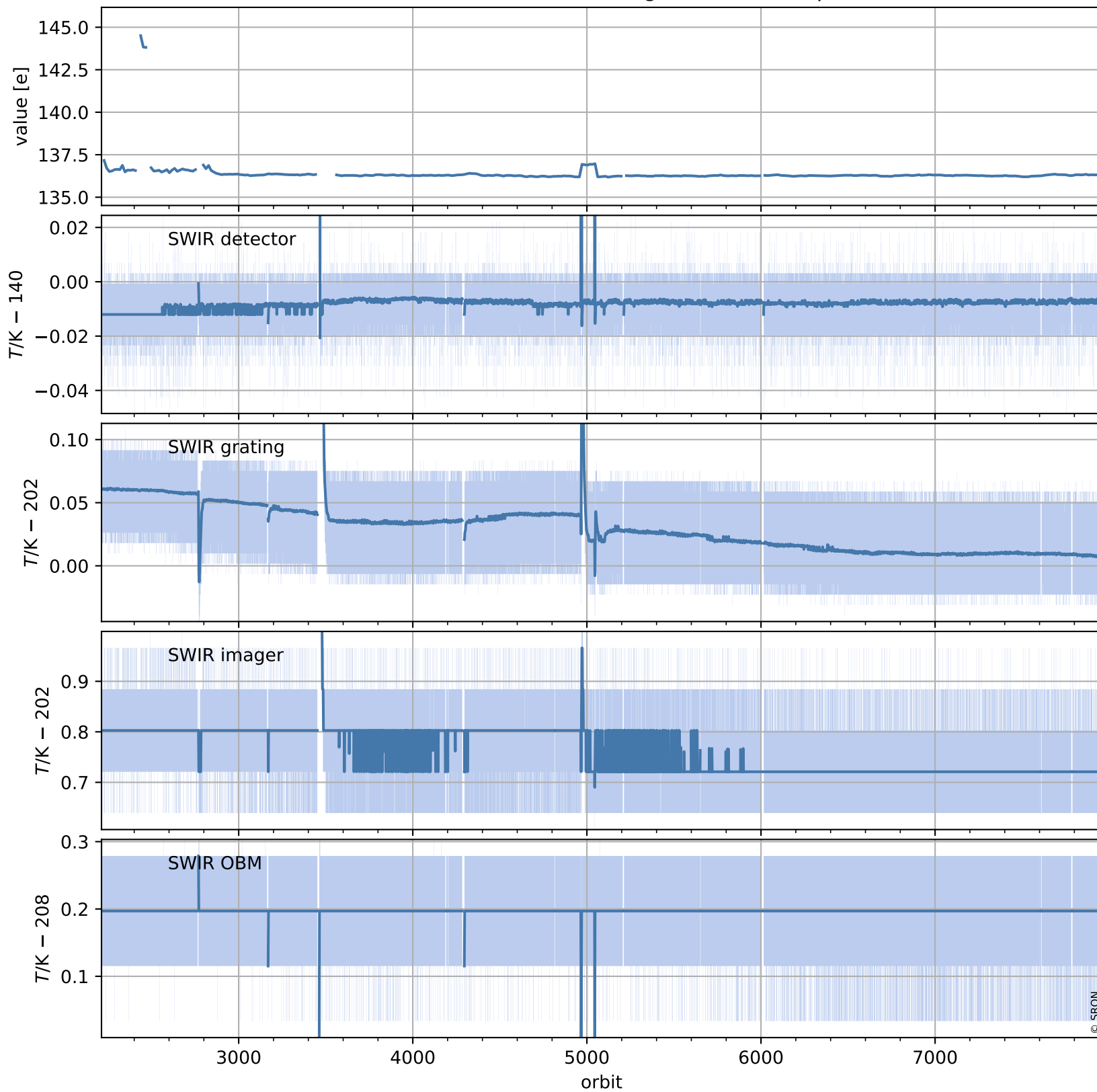
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7957]
coverage : 2018-03-18 / 2019-04-27
created : 2023-08-21T14:52:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7957]
coverage : 2018-03-18 / 2019-04-27
created : 2023-08-21T14:52:53

trend of normalized read-noise & temperatures

