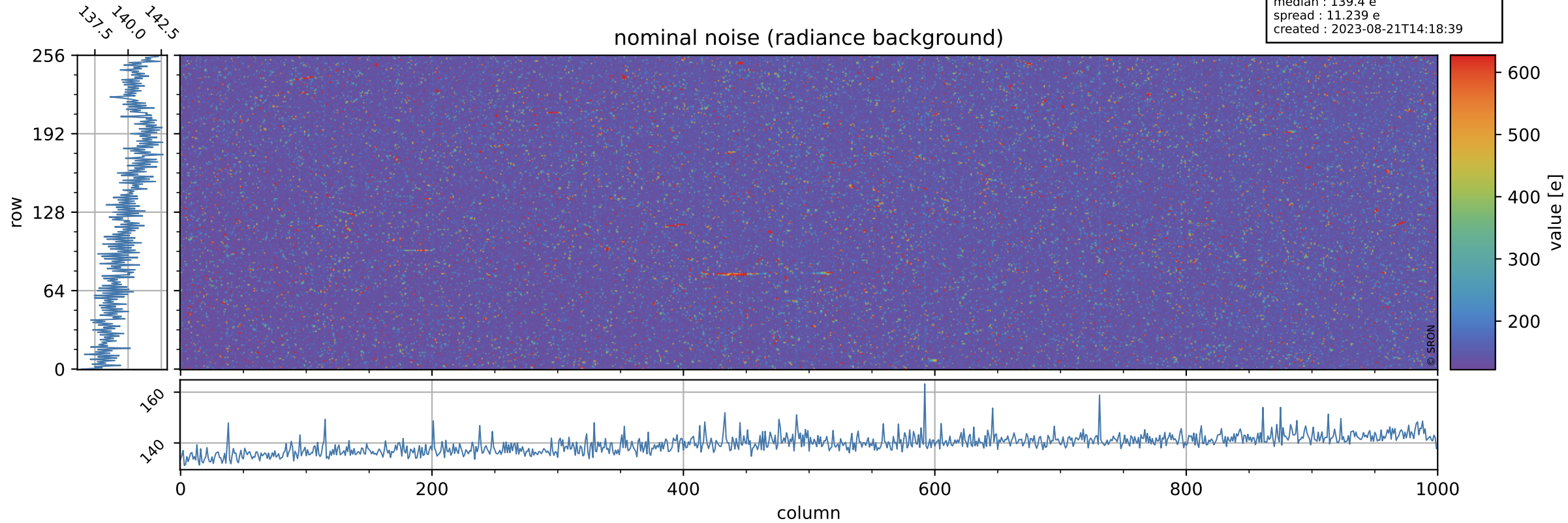


Tropomi SWIR background noise (swir)

orbits : 10 in [2707, 2722]
coverage : 2018-04-22 / 2018-04-23
n_coad, t_exp : 2, 0.5383
median : 139.4 e
spread : 11.239 e
created : 2023-08-21T14:18:39

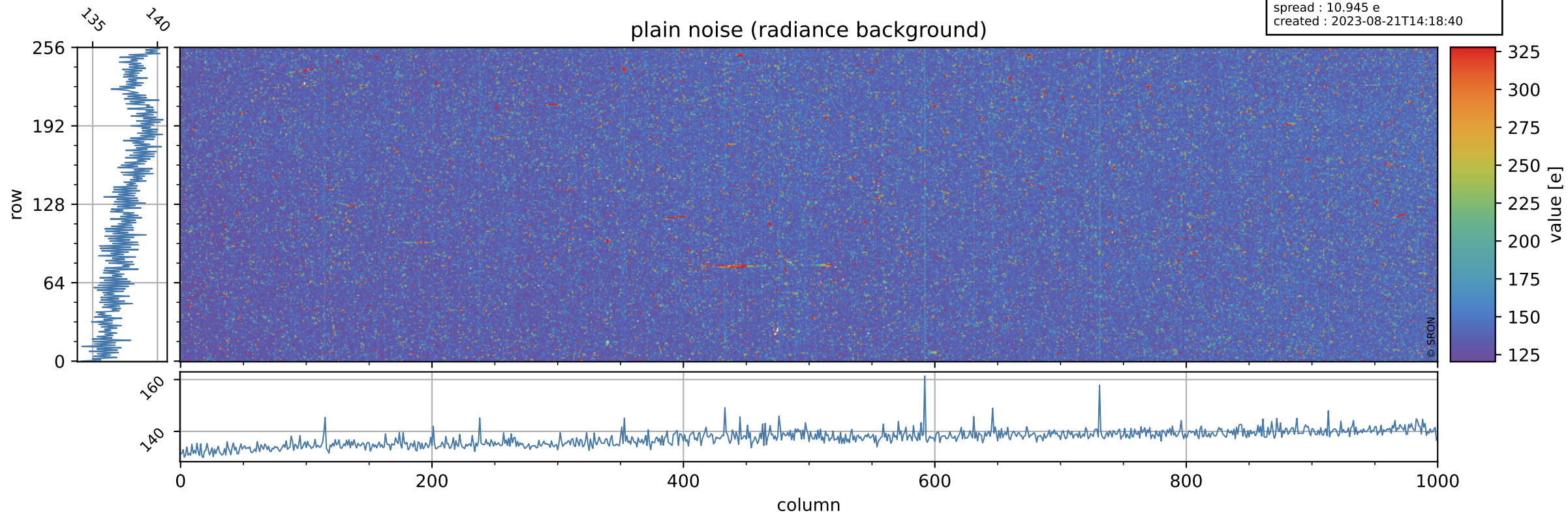
nominal noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [2707, 2722]
coverage : 2018-04-22 / 2018-04-23
n_coad, t_exp : 2, 0.5383
median : 137.29 e
spread : 10.945 e
created : 2023-08-21T14:18:40

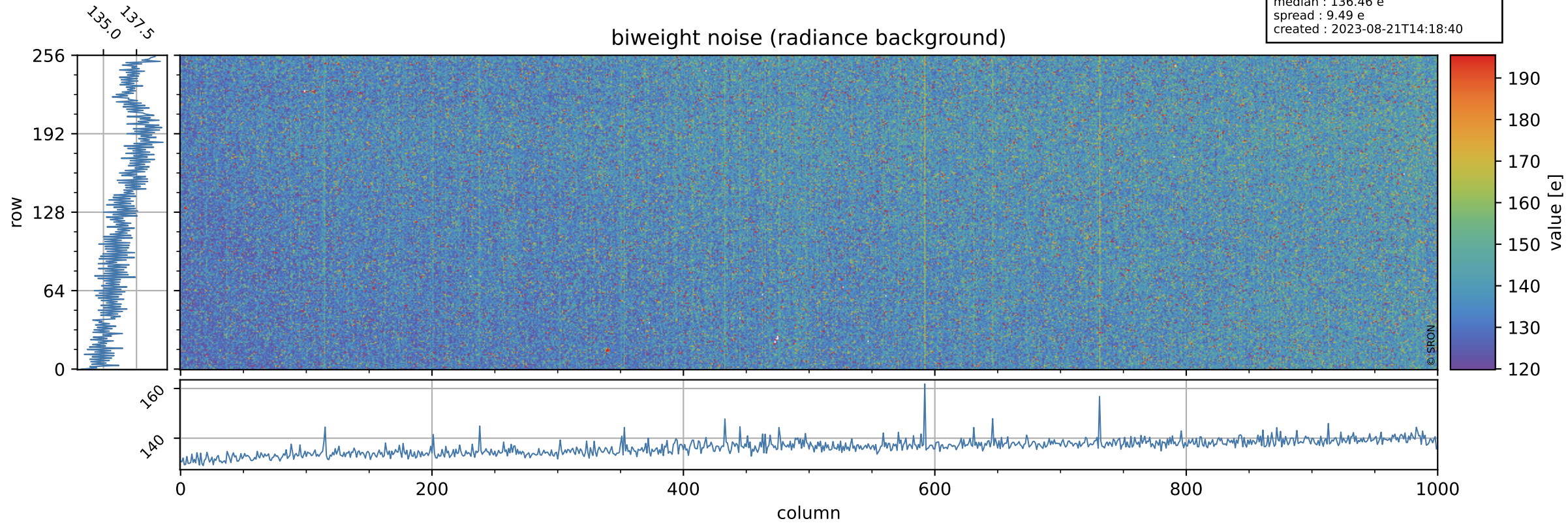
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [2707, 2722]
coverage : 2018-04-22 / 2018-04-23
n_coad, t_exp : 2, 0.5383
median : 136.46 e
spread : 9.49 e
created : 2023-08-21T14:18:40

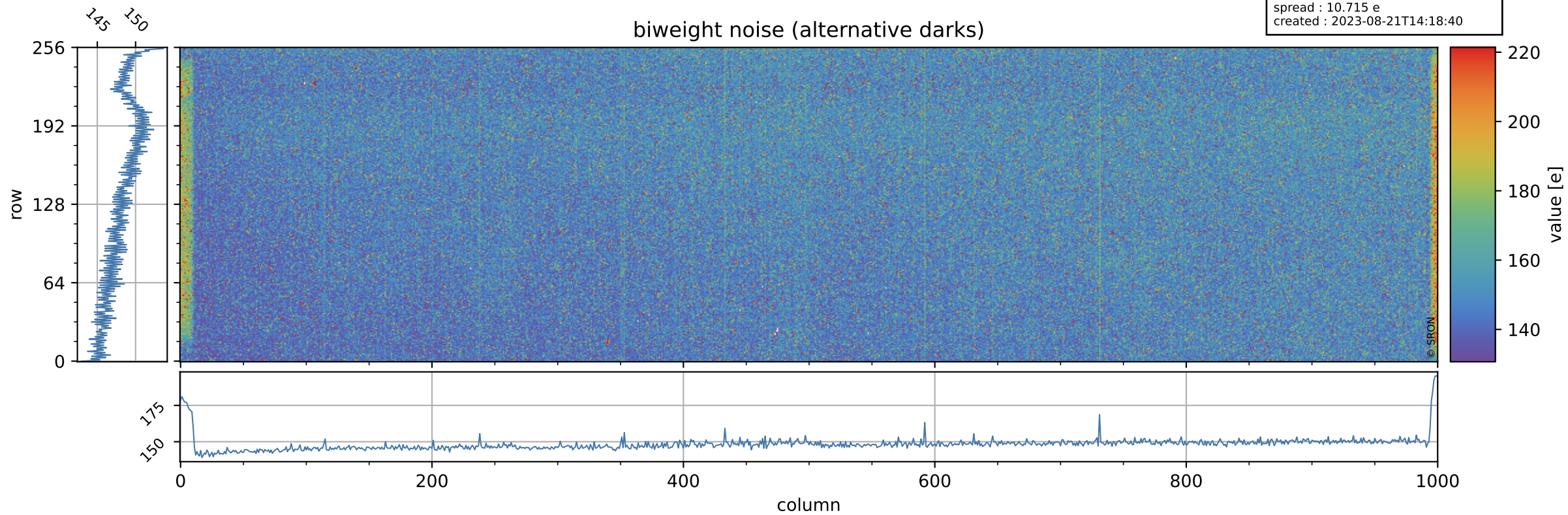
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [2707, 2722]
coverage : 2018-04-22 / 2018-04-23
n_coad, t_exp : 1, 1.0783
median : 148.02 e
spread : 10.715 e
created : 2023-08-21T14:18:40

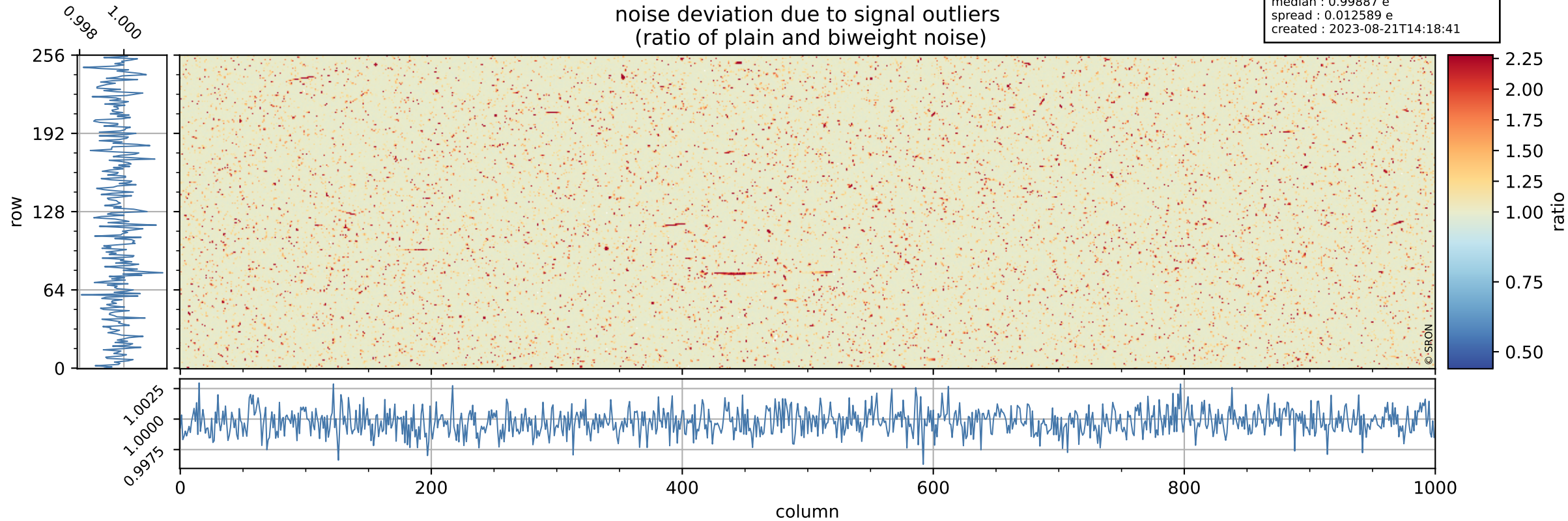
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

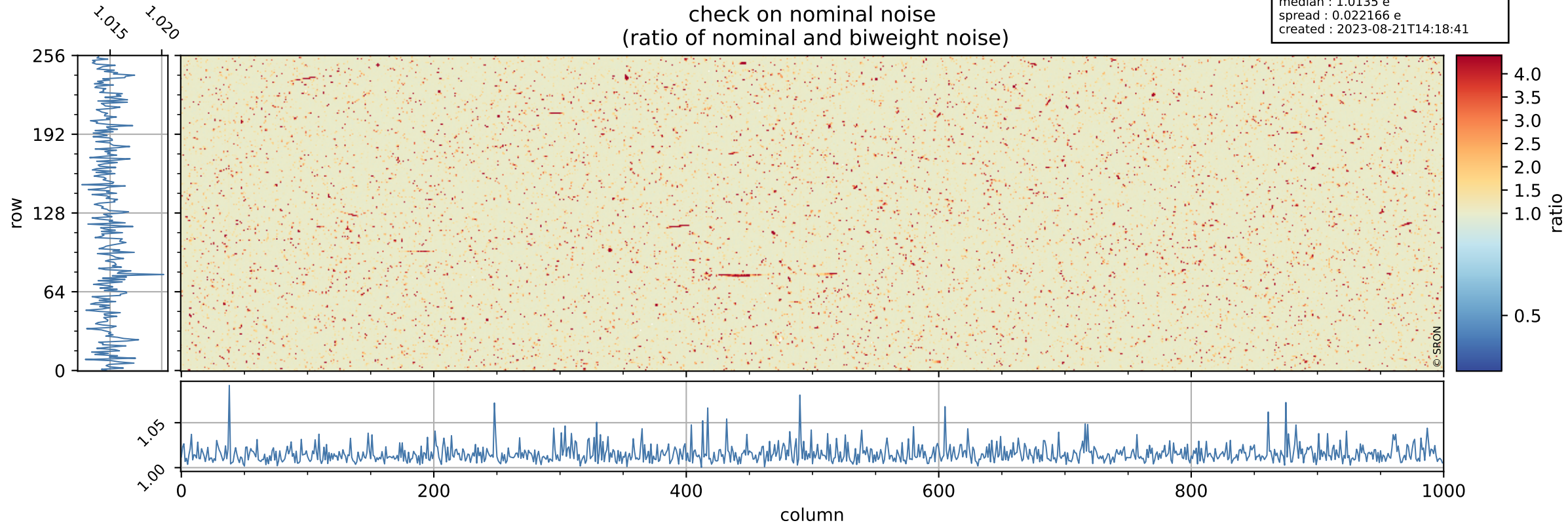
orbits : 10 in [2707, 2722]
coverage : 2018-04-22 / 2018-04-23
median : 0.99887 e
spread : 0.012589 e
created : 2023-08-21T14:18:41



Tropomi SWIR background noise (swir)

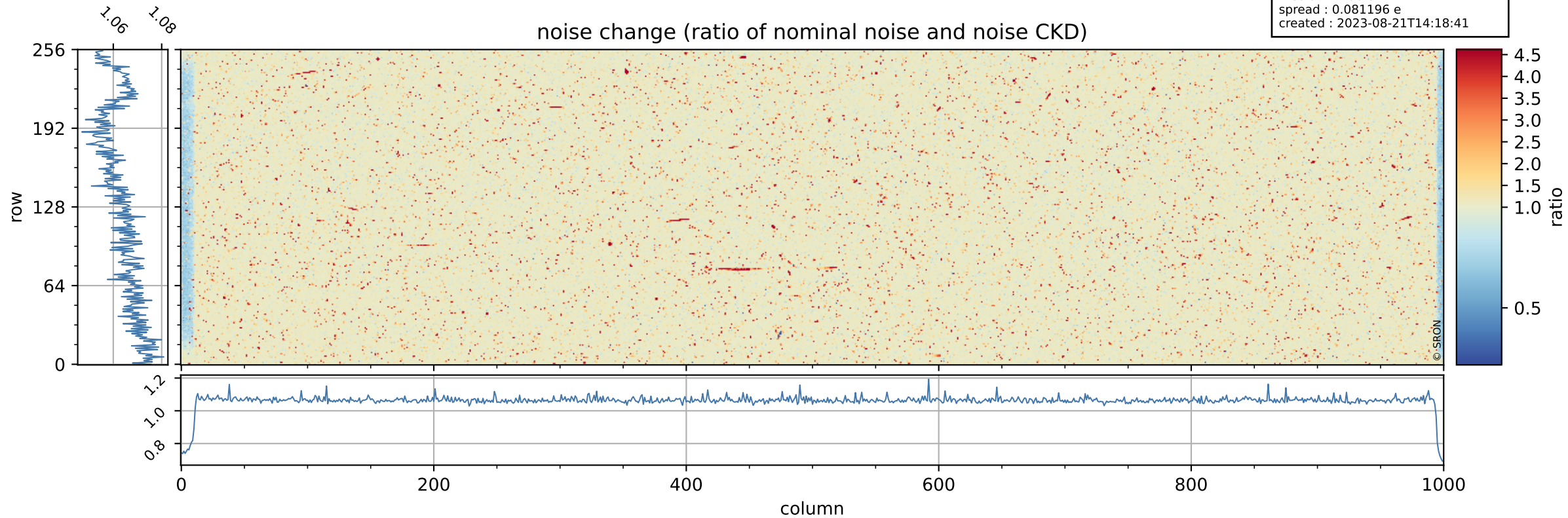
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 10 in [2707, 2722]
coverage : 2018-04-22 / 2018-04-23
median : 1.0135 e
spread : 0.022166 e
created : 2023-08-21T14:18:41



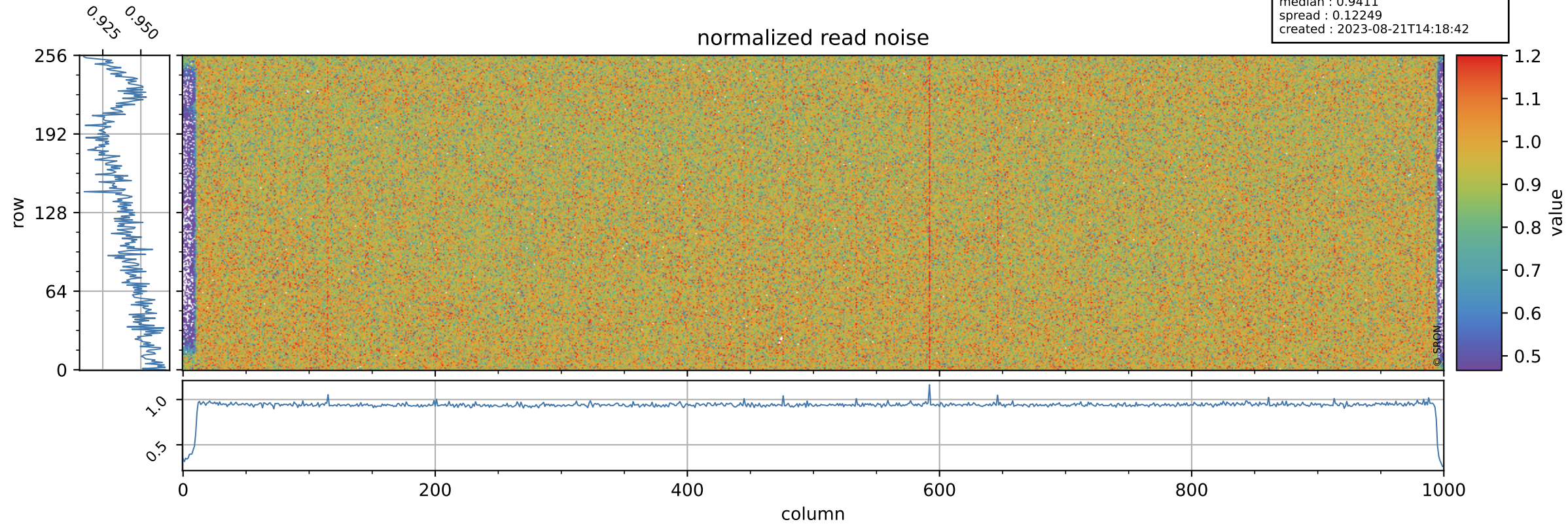
Tropomi SWIR background noise (swir)

orbits : 10 in [2707, 2722]
coverage : 2018-04-22 / 2018-04-23
median : 1.06 e
spread : 0.081196 e
created : 2023-08-21T14:18:41



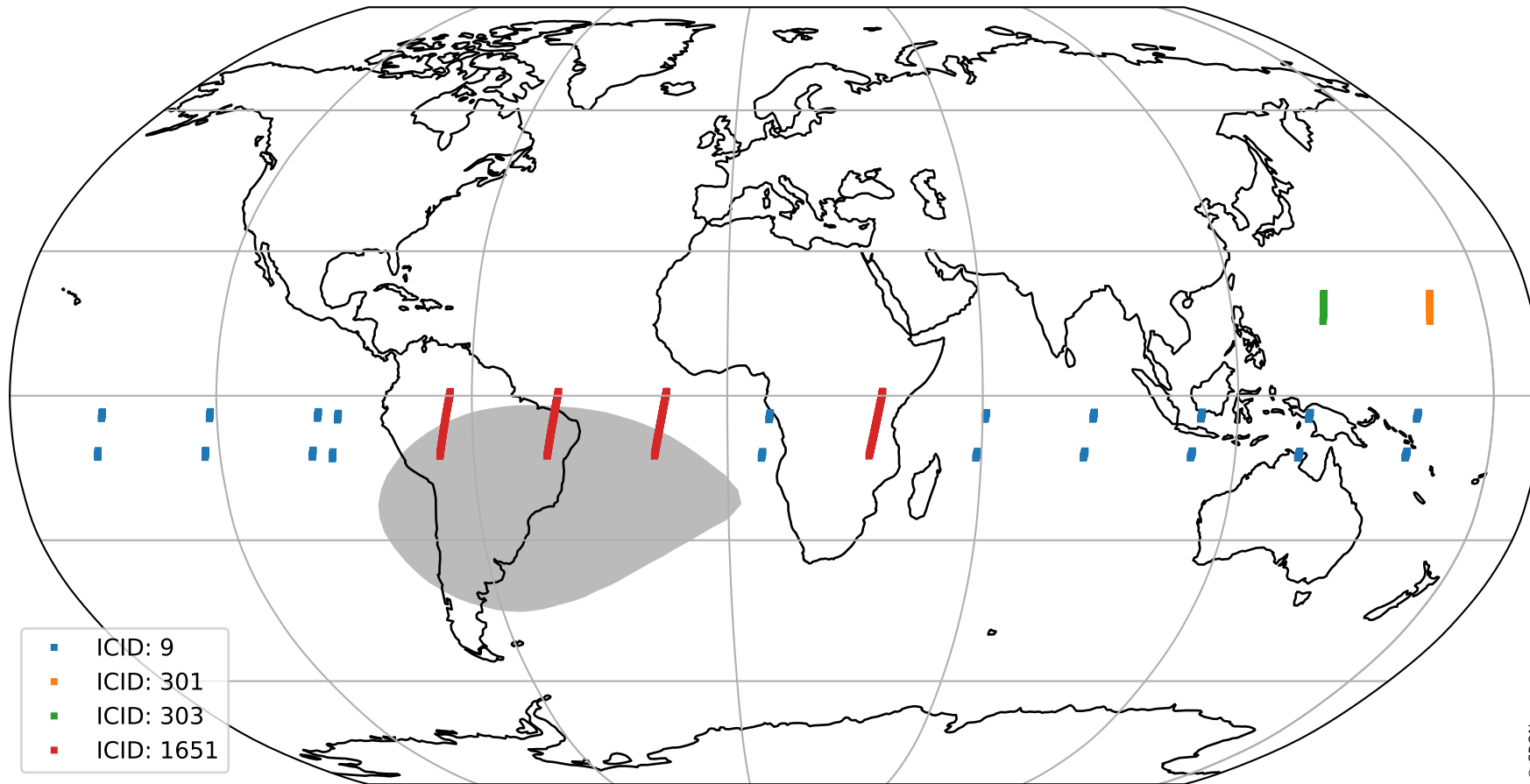
Tropomi SWIR background noise (swir)

orbits : 10 in [2707, 2722]
coverage : 2018-04-22 / 2018-04-23
median : 0.9411
spread : 0.12249
created : 2023-08-21T14:18:42



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

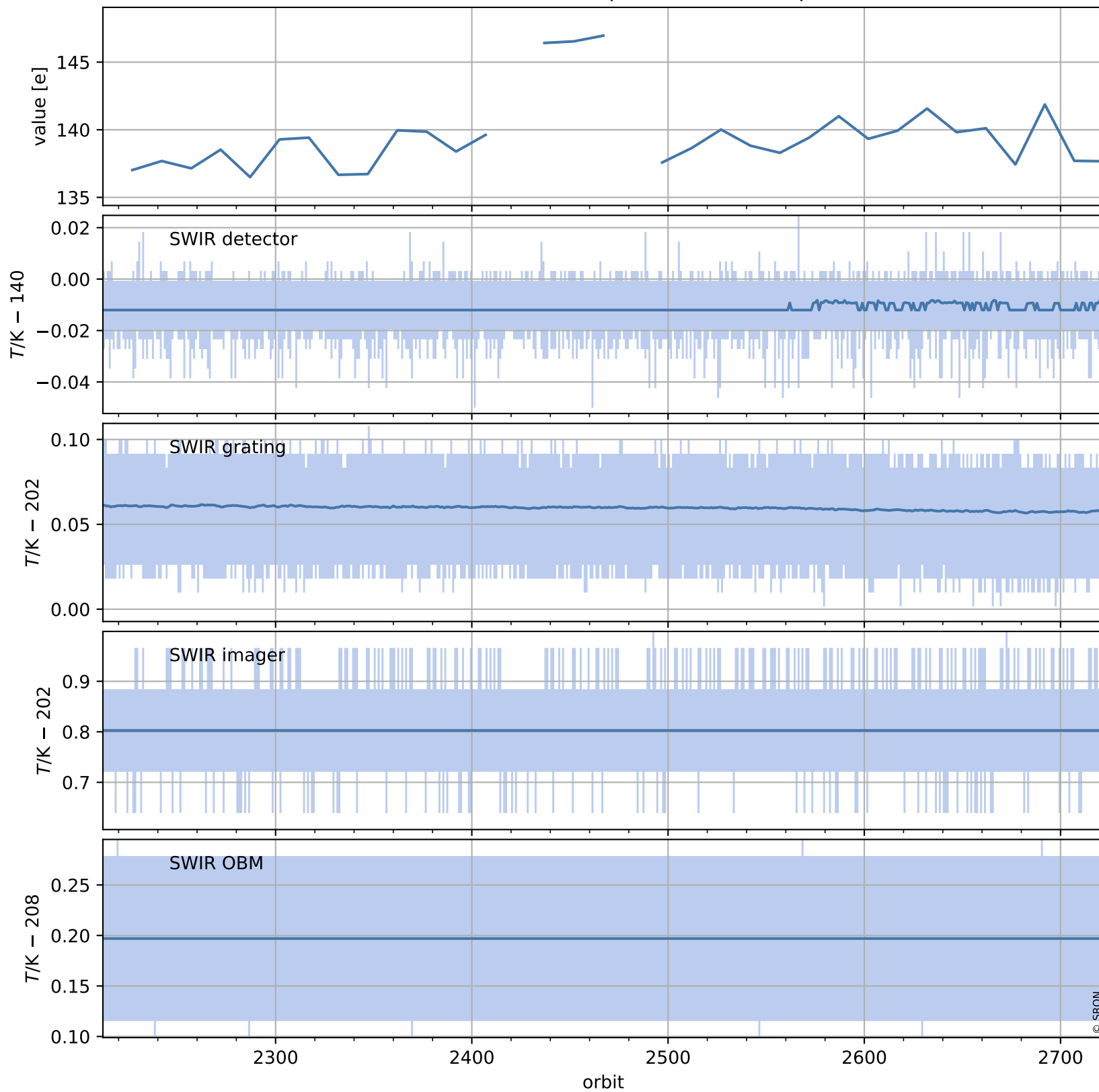
orbits : 10 in [2707, 2722]
coverage : 2018-04-22 / 2018-04-23
created : 2023-08-21T14:18:42



Tropomi SWIR background noise (swir)

orbits : [2212, 2722]
coverage : 2018-03-18 / 2018-04-23
created : 2023-08-21T14:18:42

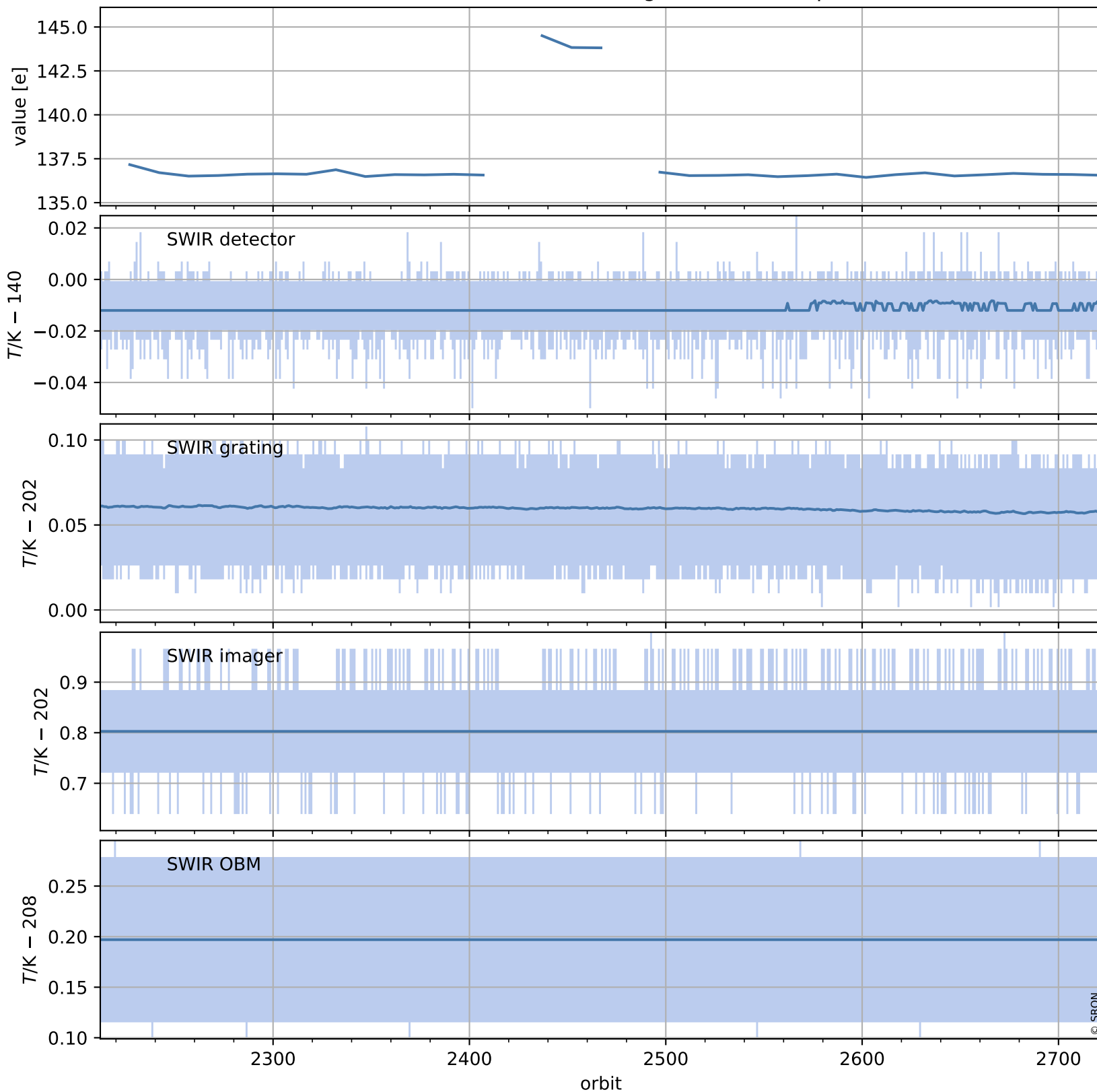
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2722]
coverage : 2018-03-18 / 2018-04-23
created : 2023-08-21T14:18:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2722]
coverage : 2018-03-18 / 2018-04-23
created : 2023-08-21T14:18:43

trend of normalized read-noise & temperatures

