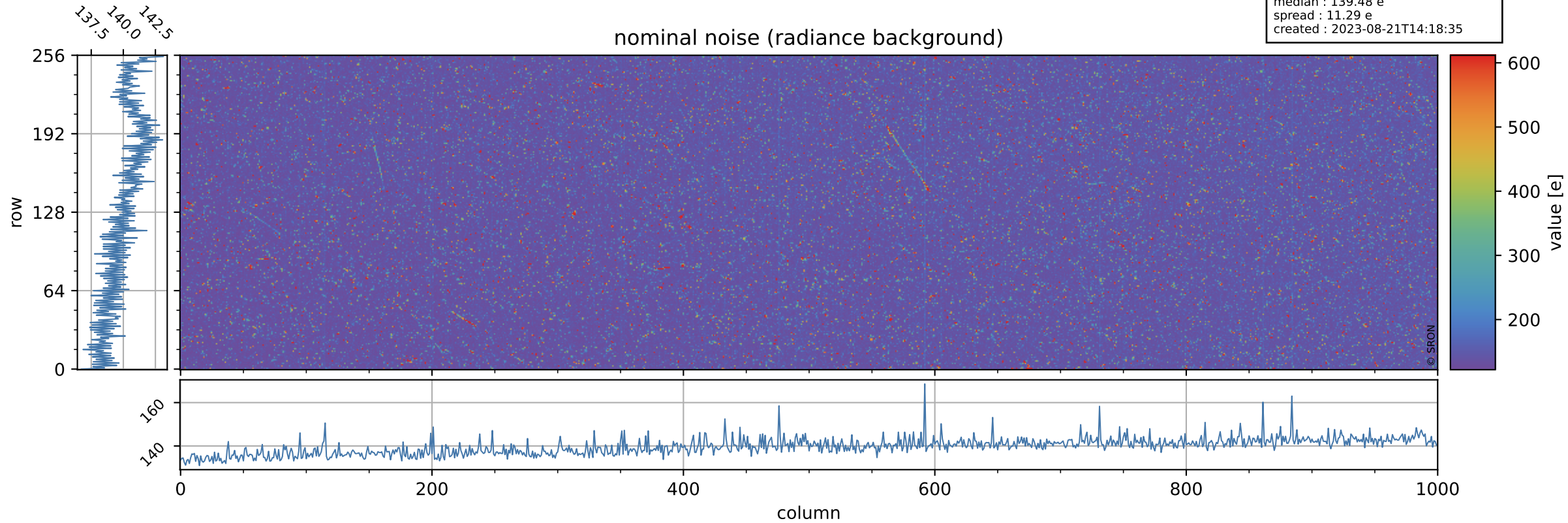


Tropomi SWIR background noise (swir)

orbits : 13 in [2692, 2707]
coverage : 2018-04-21 / 2018-04-22
n_coad, t_exp : 2, 0.5383
median : 139.48 e
spread : 11.29 e
created : 2023-08-21T14:18:35

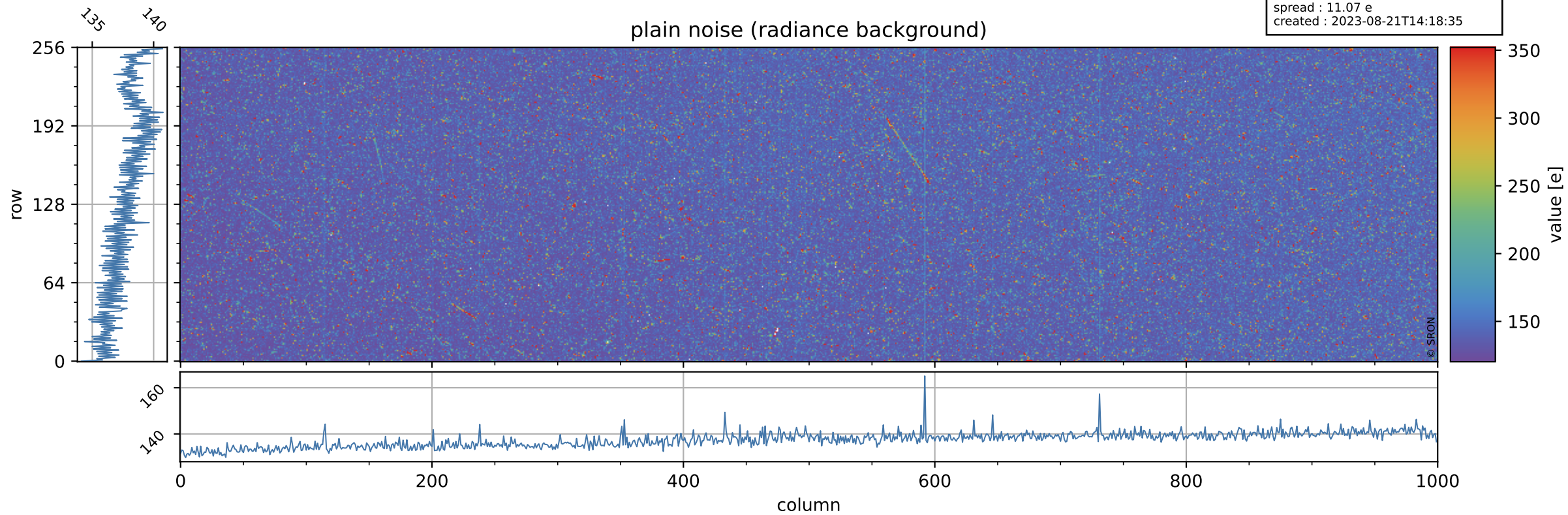
nominal noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [2692, 2707]
coverage : 2018-04-21 / 2018-04-22
n_coad, t_exp : 2, 0.5383
median : 137.24 e
spread : 11.07 e
created : 2023-08-21T14:18:35

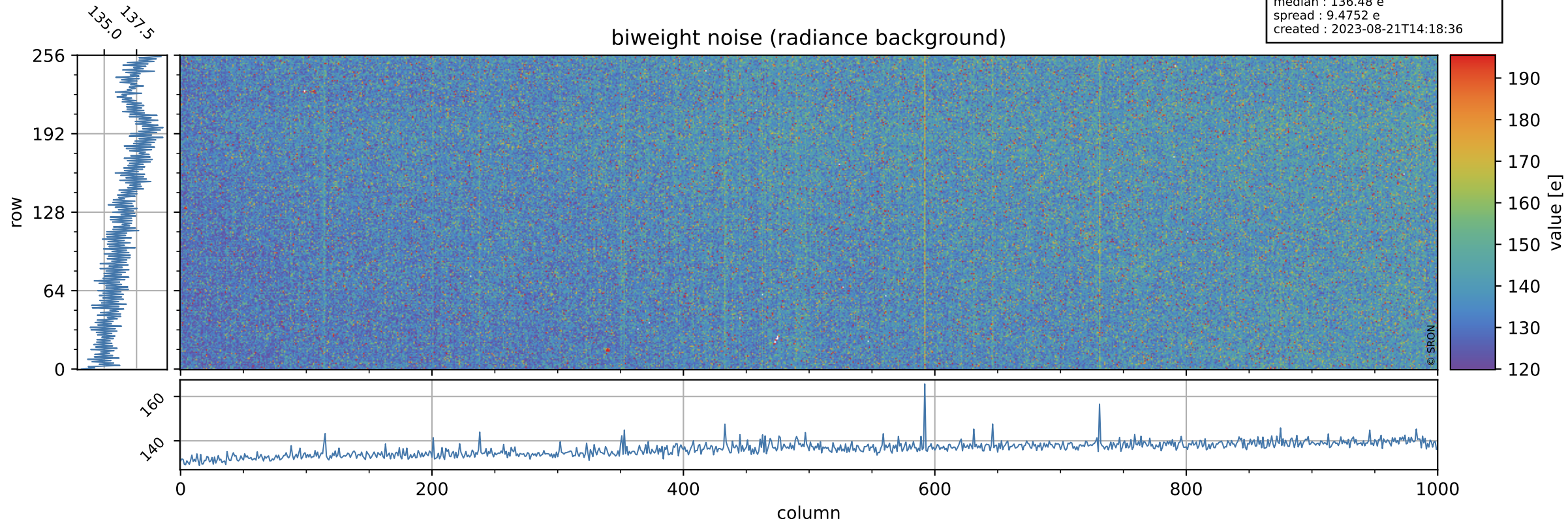
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [2692, 2707]
coverage : 2018-04-21 / 2018-04-22
n_coad, t_exp : 2, 0.5383
median : 136.48 e
spread : 9.4752 e
created : 2023-08-21T14:18:36

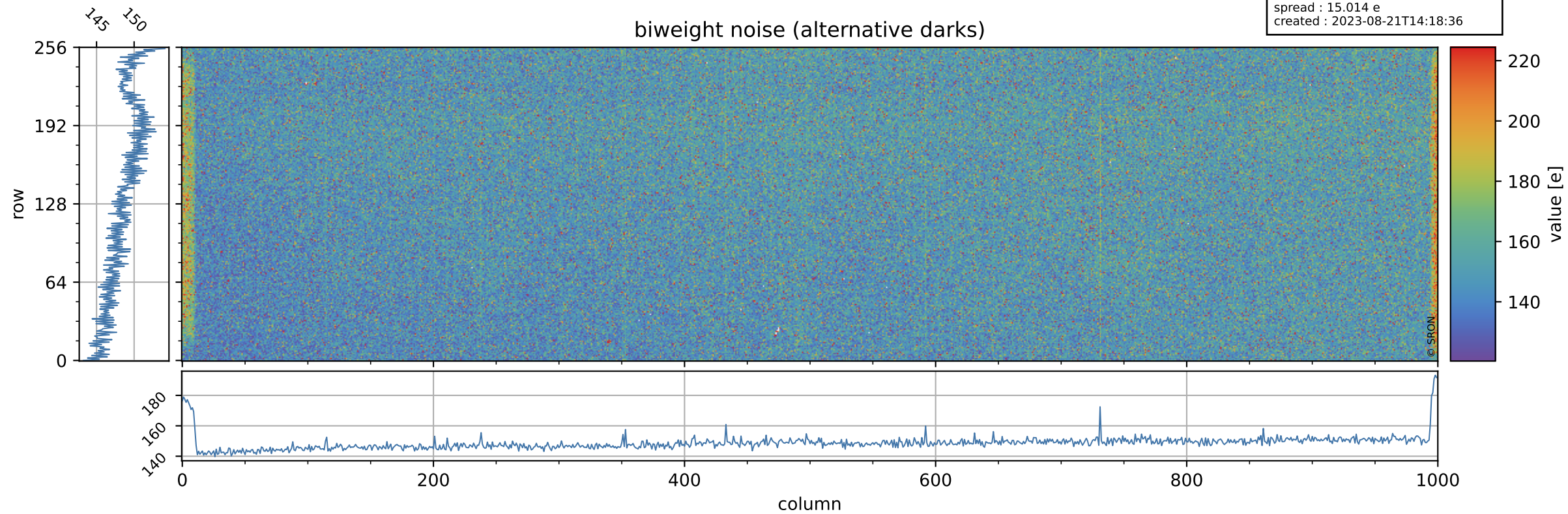
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [2692, 2707]
coverage : 2018-04-21 / 2018-04-22
n_coad, t_exp : 1, 1.0783
median : 148.31 e
spread : 15.014 e
created : 2023-08-21T14:18:36

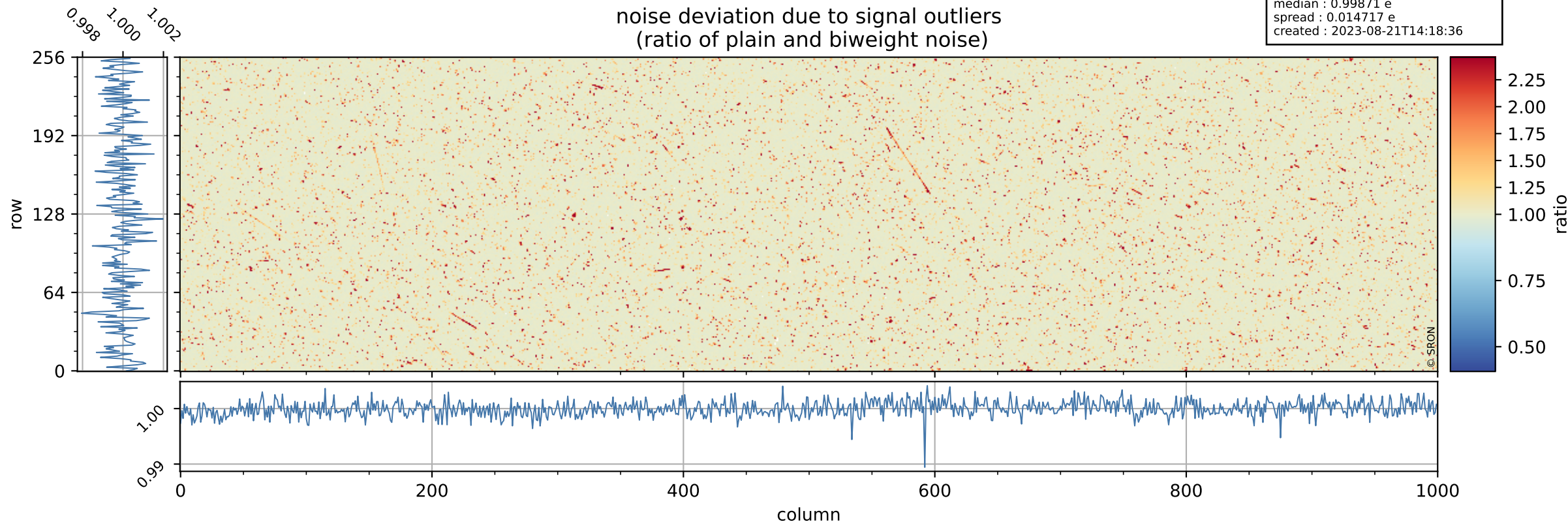
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

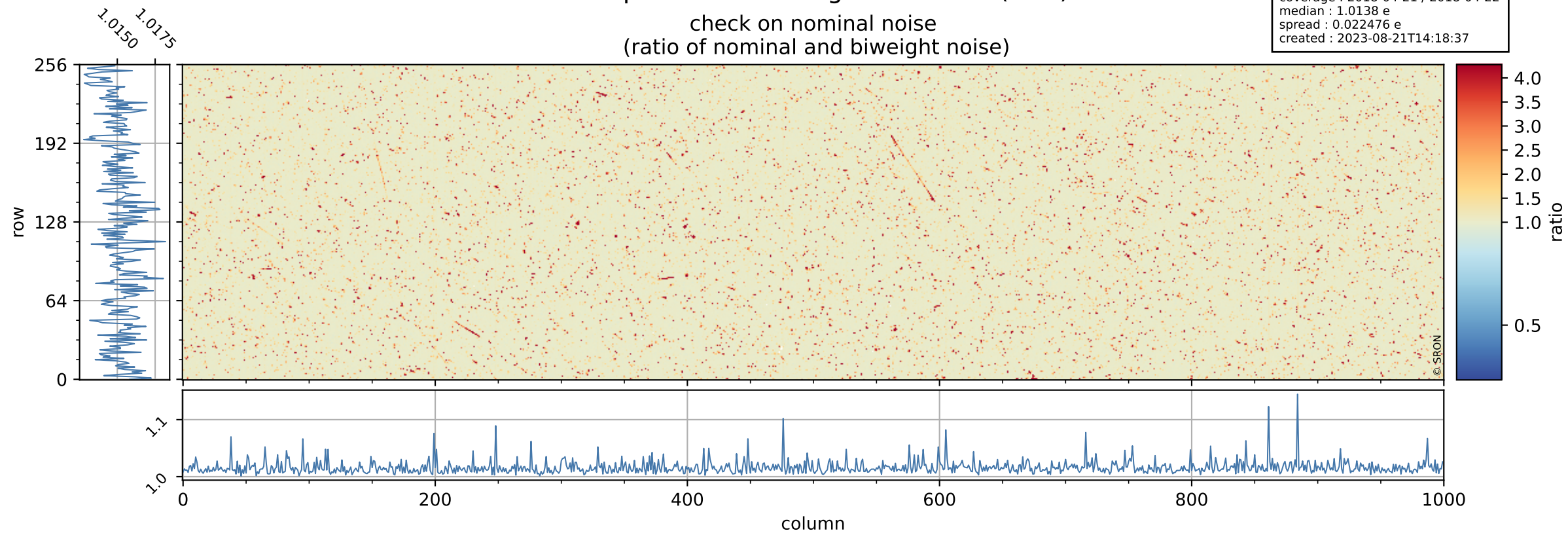
orbits : 13 in [2692, 2707]
coverage : 2018-04-21 / 2018-04-22
median : 0.99871 e
spread : 0.014717 e
created : 2023-08-21T14:18:36



Tropomi SWIR background noise (swir)

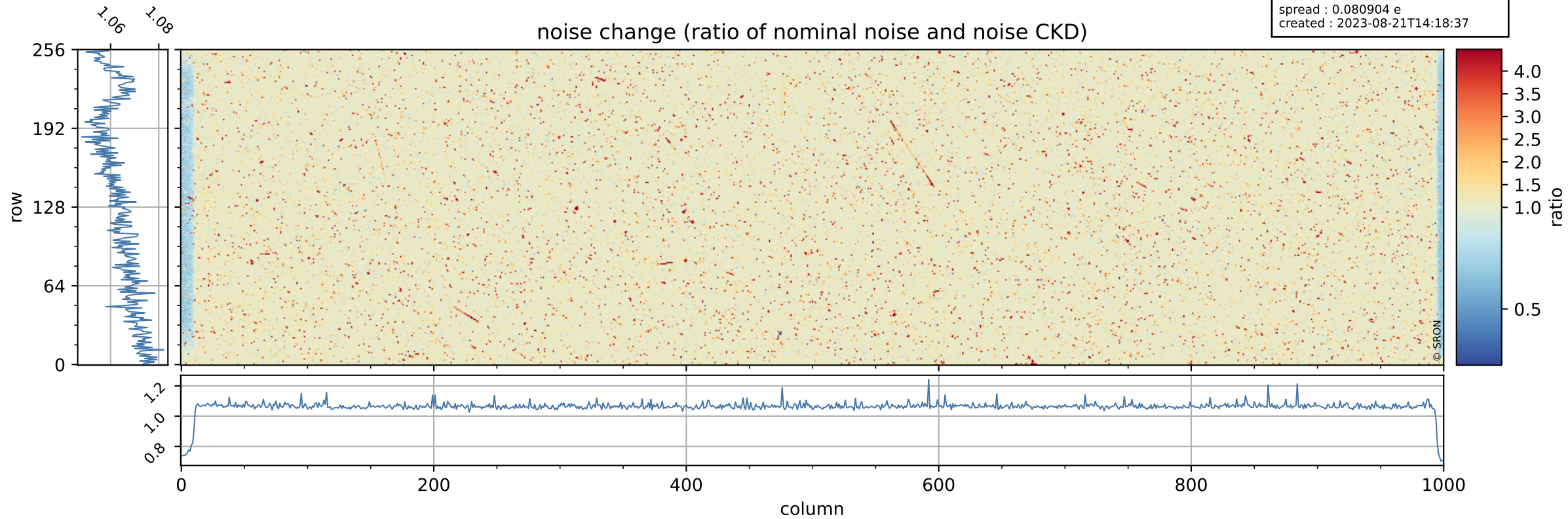
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [2692, 2707]
coverage : 2018-04-21 / 2018-04-22
median : 1.0138 e
spread : 0.022476 e
created : 2023-08-21T14:18:37



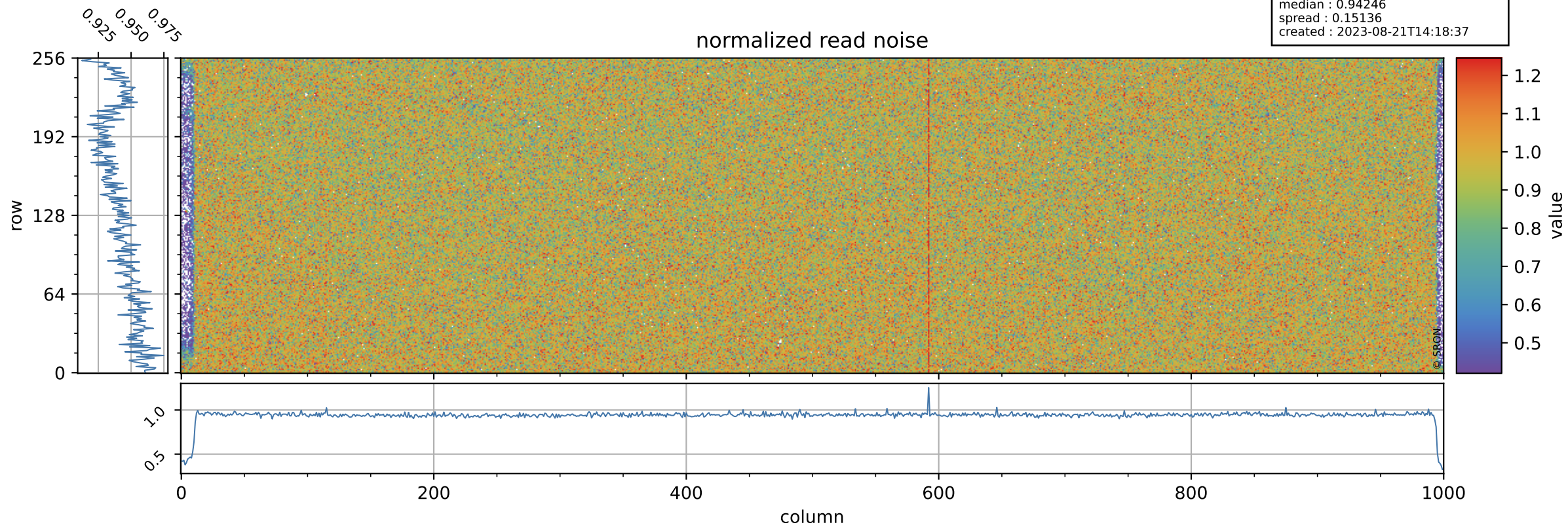
Tropomi SWIR background noise (swir)

orbits : 13 in [2692, 2707]
coverage : 2018-04-21 / 2018-04-22
median : 1.0605 e
spread : 0.080904 e
created : 2023-08-21T14:18:37



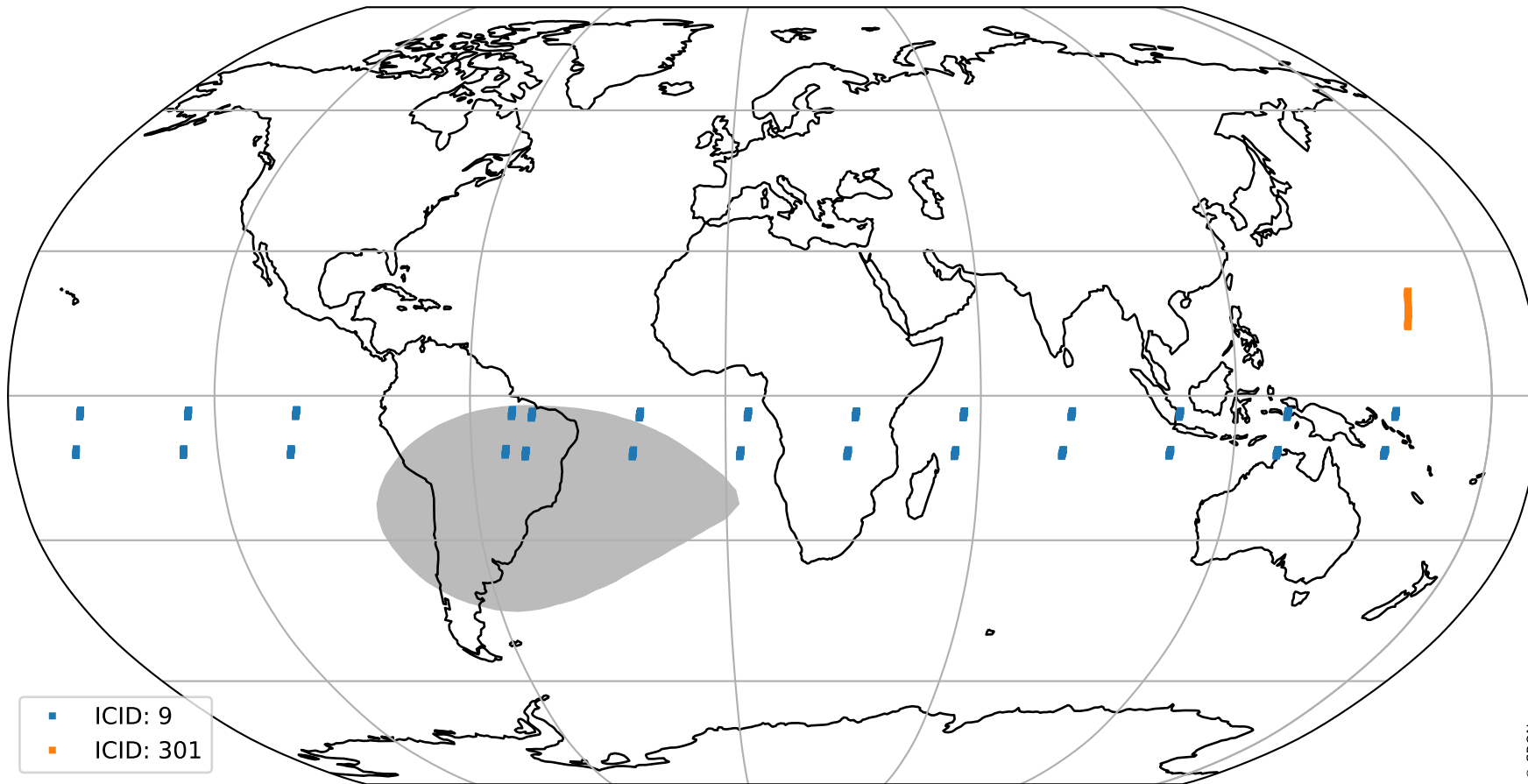
Tropomi SWIR background noise (swir)

orbits : 13 in [2692, 2707]
coverage : 2018-04-21 / 2018-04-22
median : 0.94246
spread : 0.15136
created : 2023-08-21T14:18:37



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

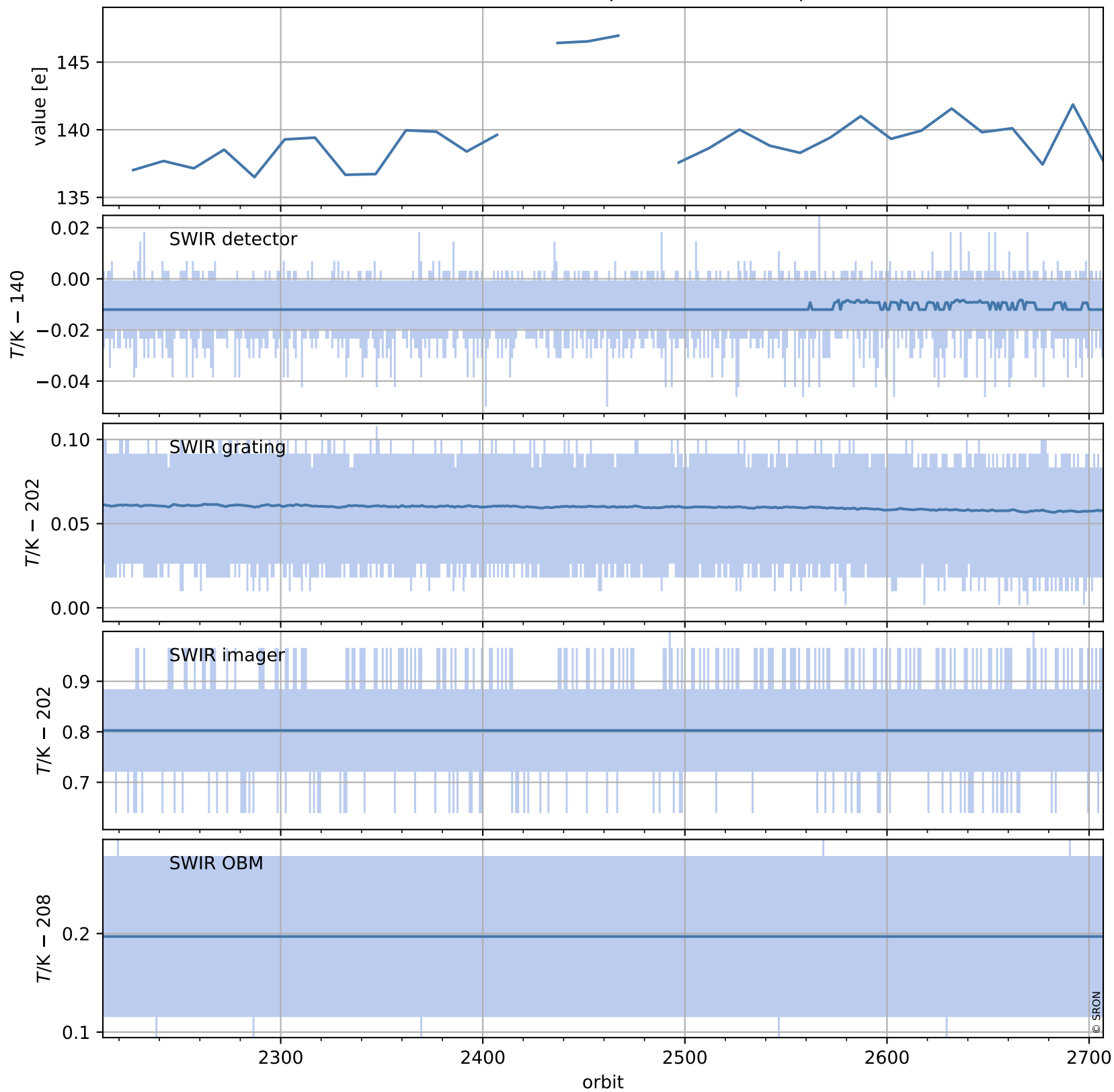
orbits : 13 in [2692, 2707]
coverage : 2018-04-21 / 2018-04-22
created : 2023-08-21T14:18:38



Tropomi SWIR background noise (swir)

orbits : [2212, 2707]
coverage : 2018-03-18 / 2018-04-22
created : 2023-08-21T14:18:38

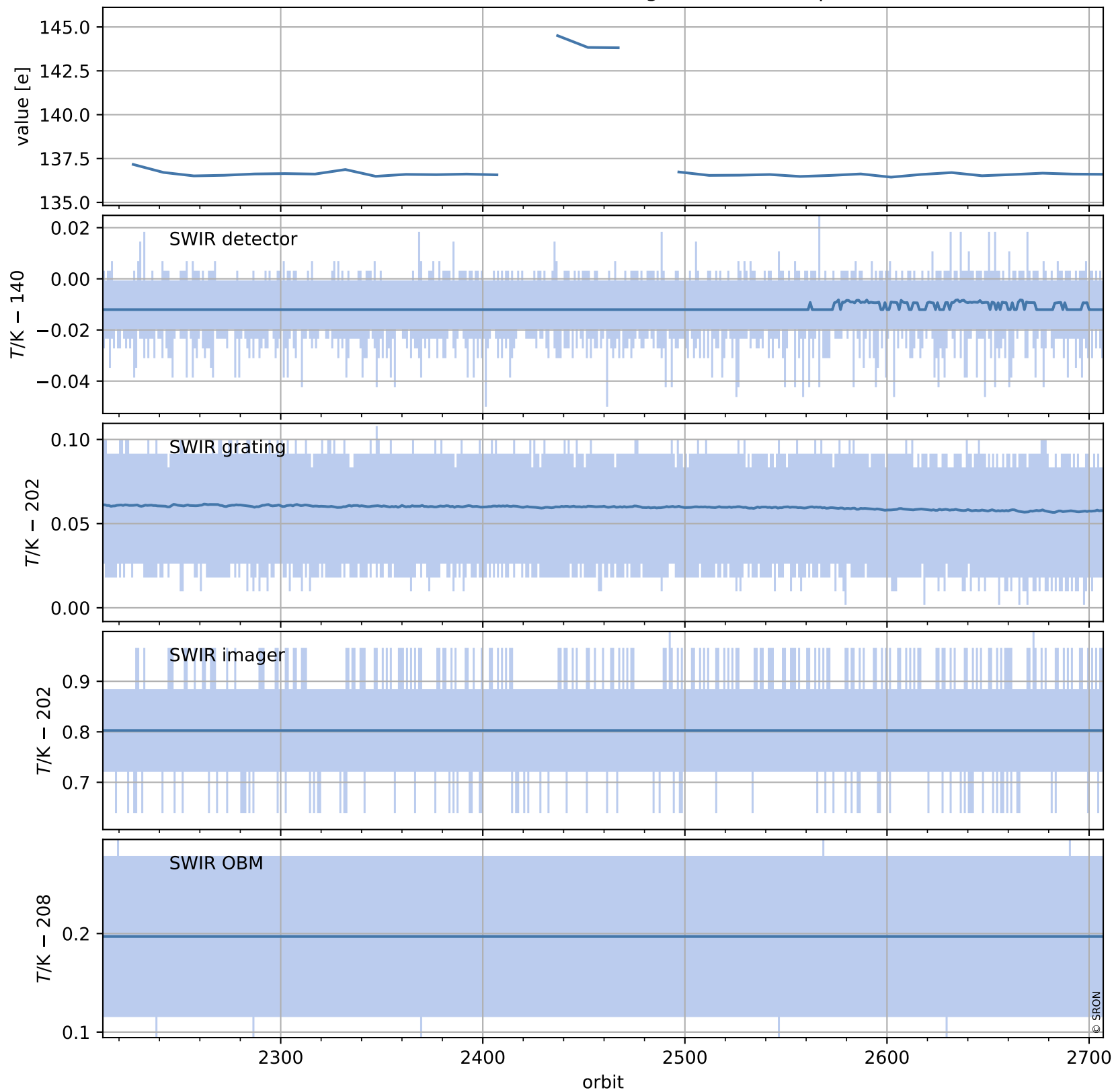
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2707]
coverage : 2018-03-18 / 2018-04-22
created : 2023-08-21T14:18:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2707]
coverage : 2018-03-18 / 2018-04-22
created : 2023-08-21T14:18:39

trend of normalized read-noise & temperatures

