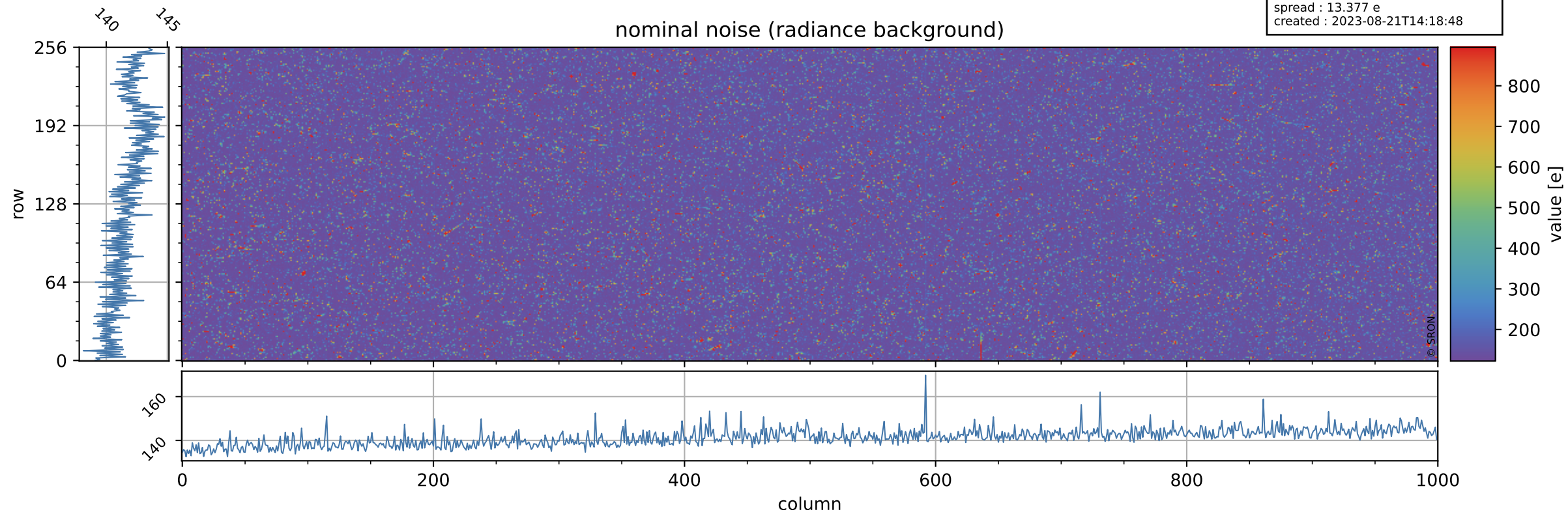


Tropomi SWIR background noise (swir)

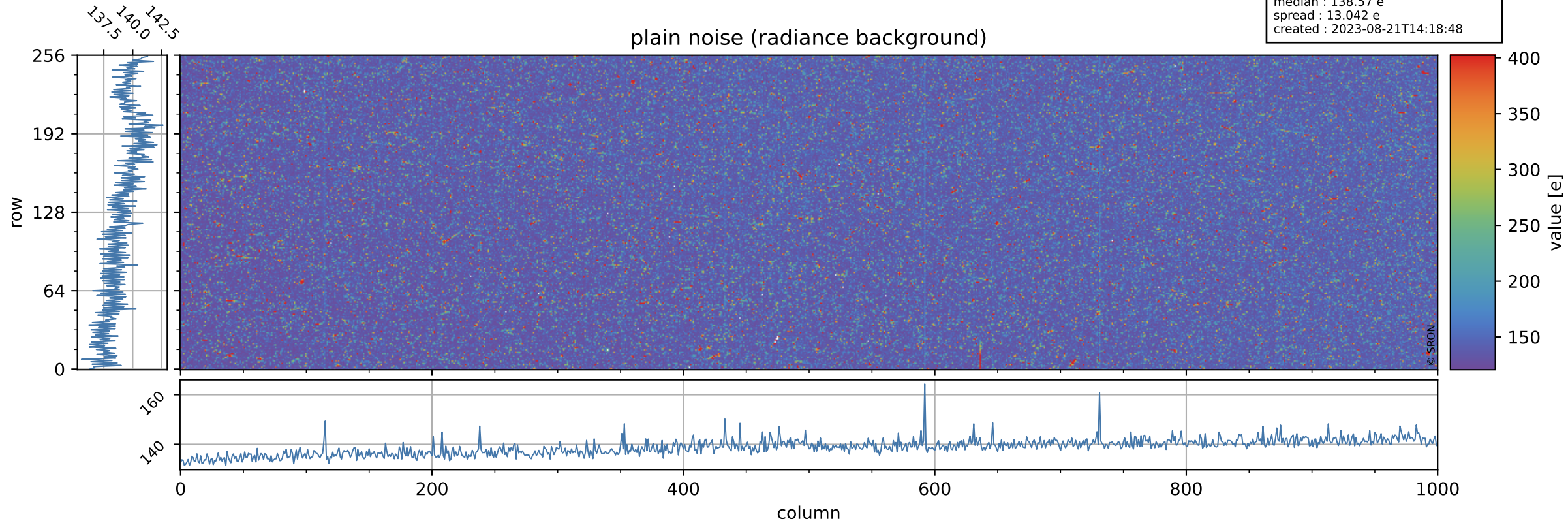
orbits : 13 in [2737, 2752]
coverage : 2018-04-24 / 2018-04-25
n_coad, t_exp : 2, 0.5383
median : 140.79 e
spread : 13.377 e
created : 2023-08-21T14:18:48



Tropomi SWIR background noise (swir)

orbits : 13 in [2737, 2752]
coverage : 2018-04-24 / 2018-04-25
n_coad, t_exp : 2, 0.5383
median : 138.57 e
spread : 13.042 e
created : 2023-08-21T14:18:48

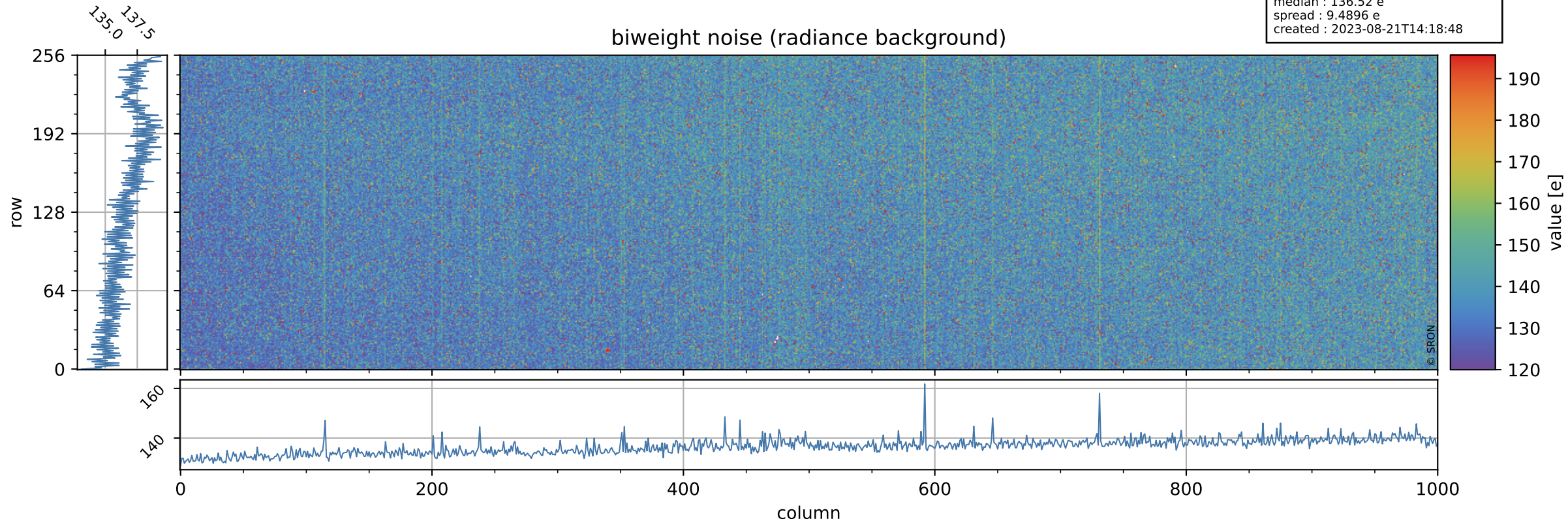
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [2737, 2752]
coverage : 2018-04-24 / 2018-04-25
n_coad, t_exp : 2, 0.5383
median : 136.52 e
spread : 9.4896 e
created : 2023-08-21T14:18:48

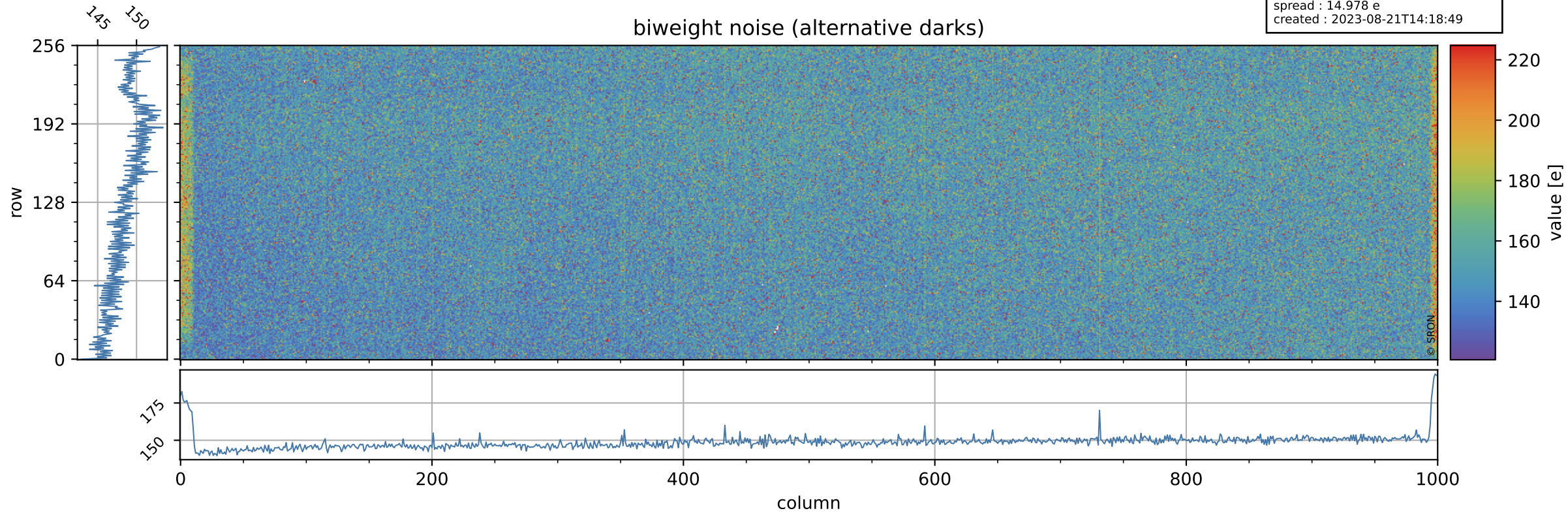
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [2737, 2752]
coverage : 2018-04-24 / 2018-04-25
n_coad, t_exp : 1, 1.0783
median : 148.37 e
spread : 14.978 e
created : 2023-08-21T14:18:49

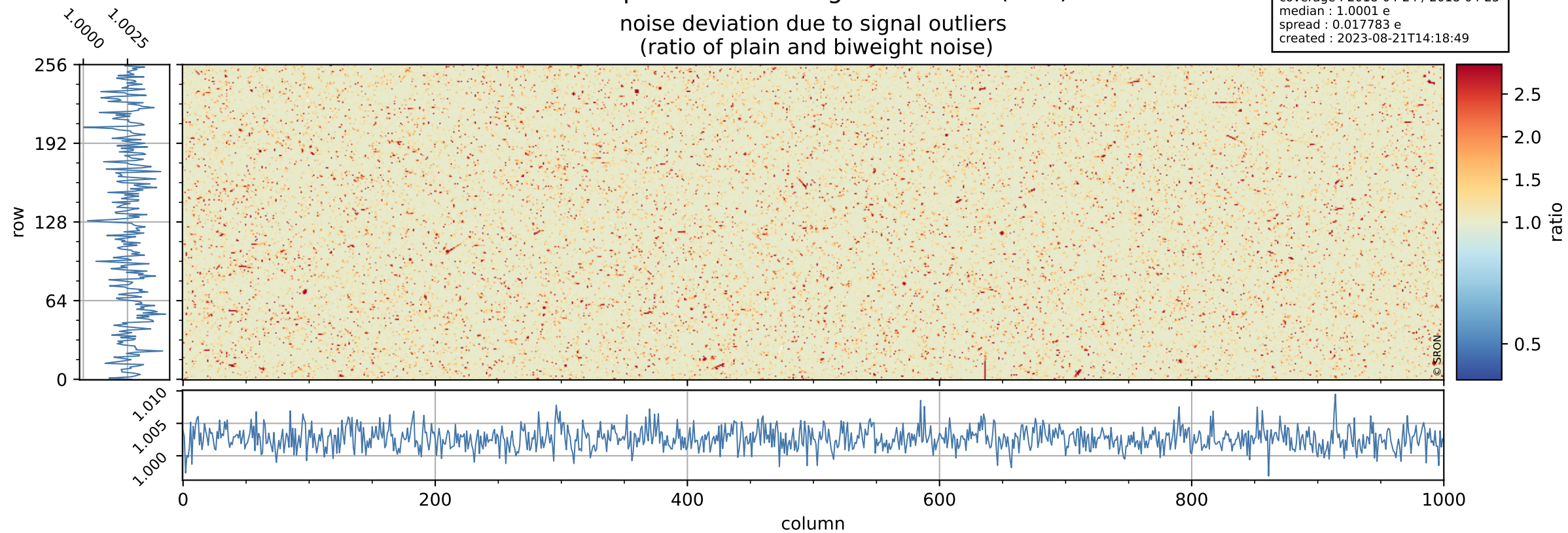
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

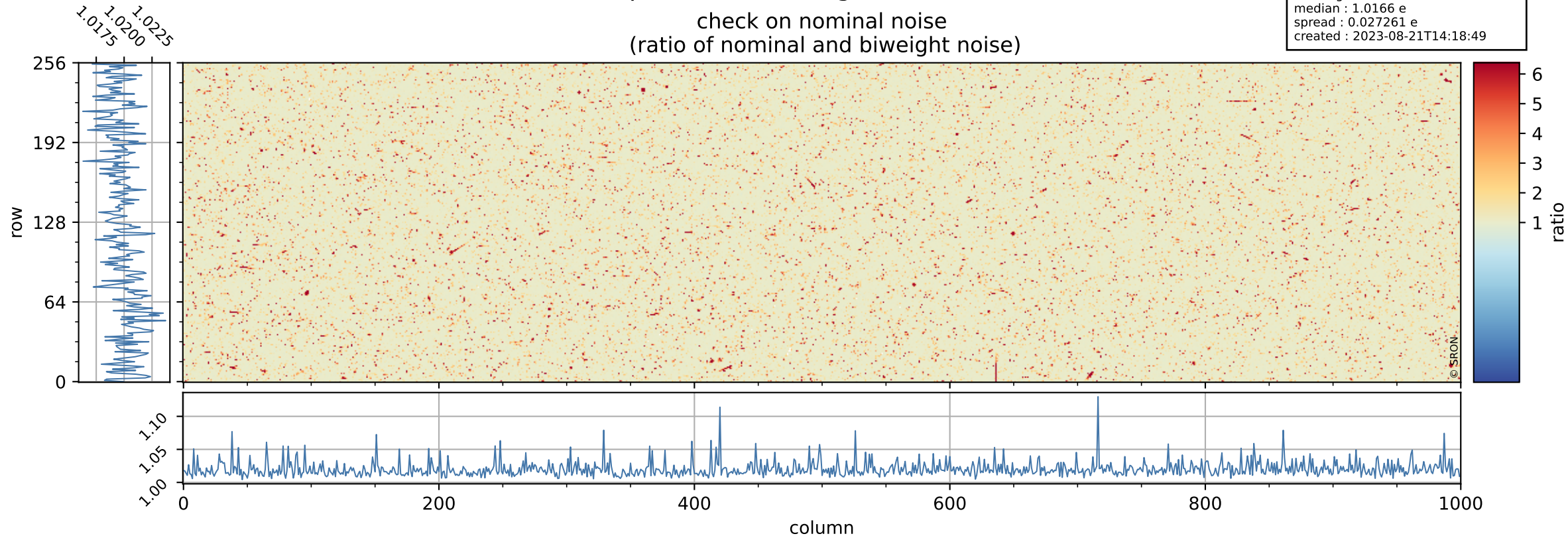
orbits : 13 in [2737, 2752]
coverage : 2018-04-24 / 2018-04-25
median : 1.0001 e
spread : 0.017783 e
created : 2023-08-21T14:18:49



Tropomi SWIR background noise (swir)

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

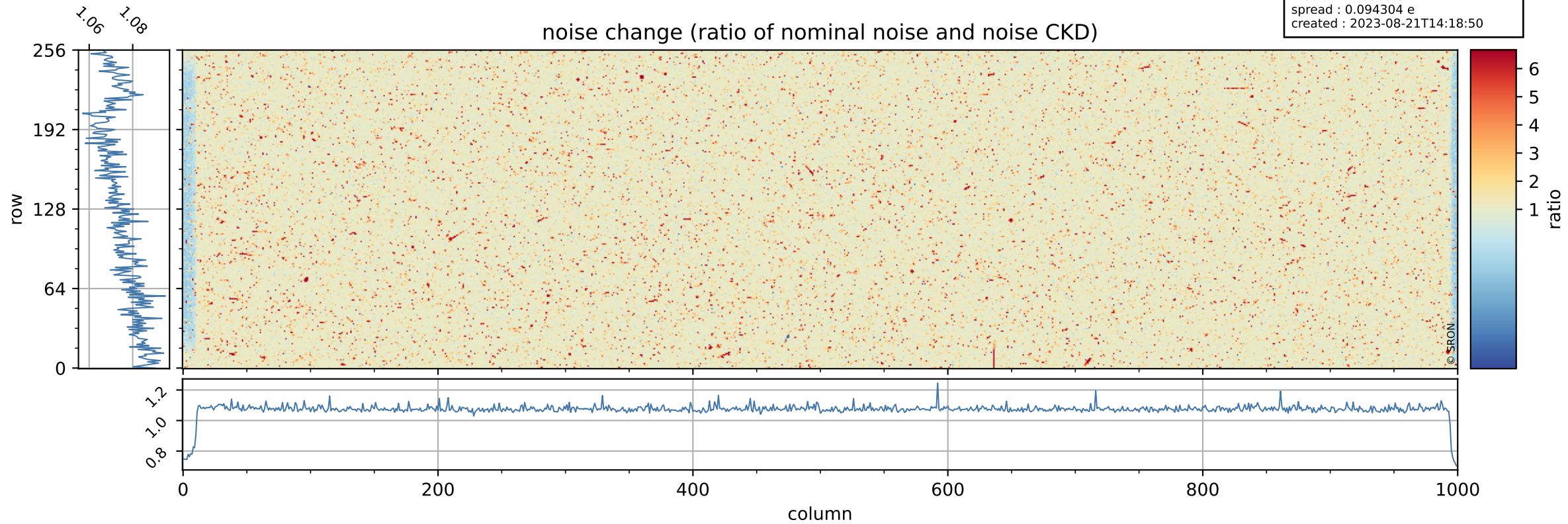
orbits : 13 in [2737, 2752]
coverage : 2018-04-24 / 2018-04-25
median : 1.0166 e
spread : 0.027261 e
created : 2023-08-21T14:18:49



Tropomi SWIR background noise (swir)

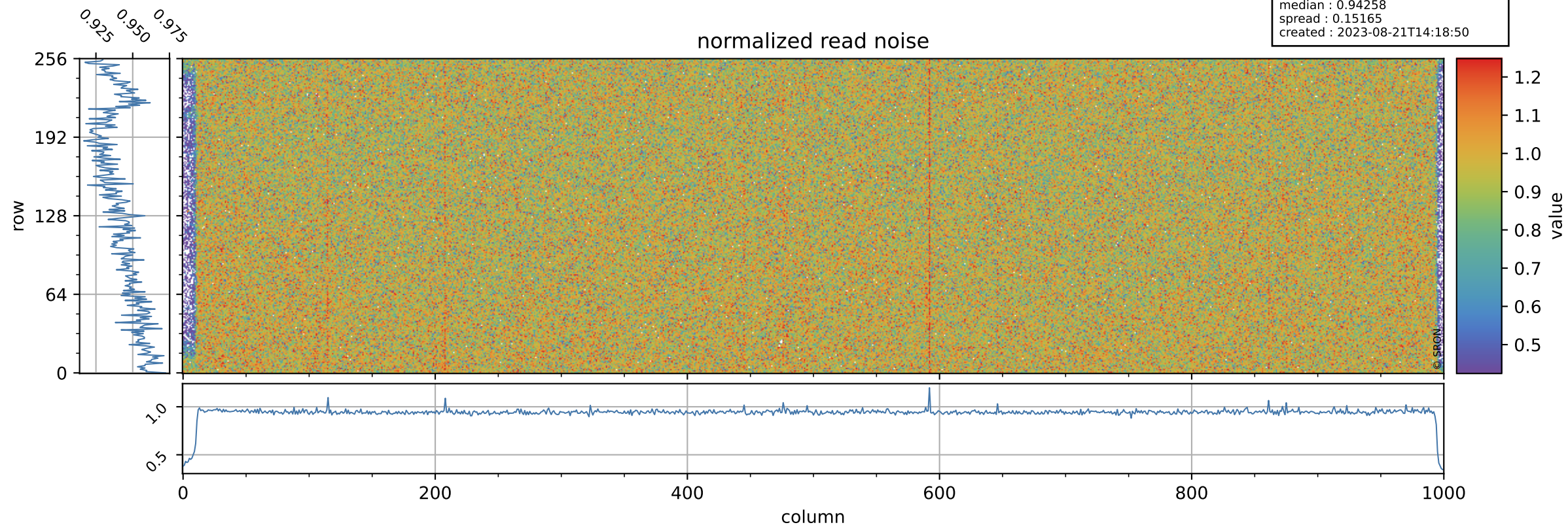
orbits : 13 in [2737, 2752]
coverage : 2018-04-24 / 2018-04-25
median : 1.0666 e
spread : 0.094304 e
created : 2023-08-21T14:18:50

noise change (ratio of nominal noise and noise CKD)



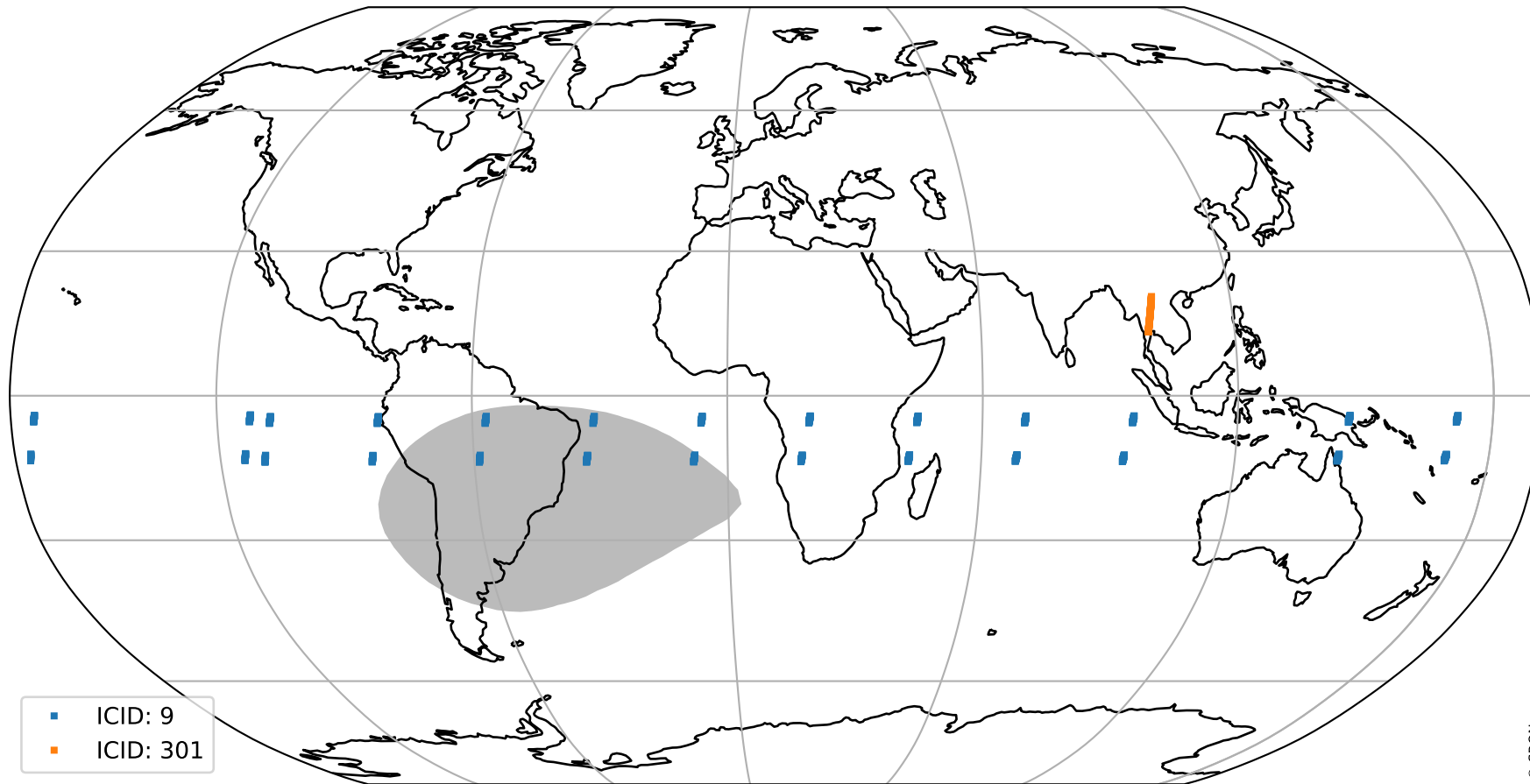
Tropomi SWIR background noise (swir)

orbits : 13 in [2737, 2752]
coverage : 2018-04-24 / 2018-04-25
median : 0.94258
spread : 0.15165
created : 2023-08-21T14:18:50



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

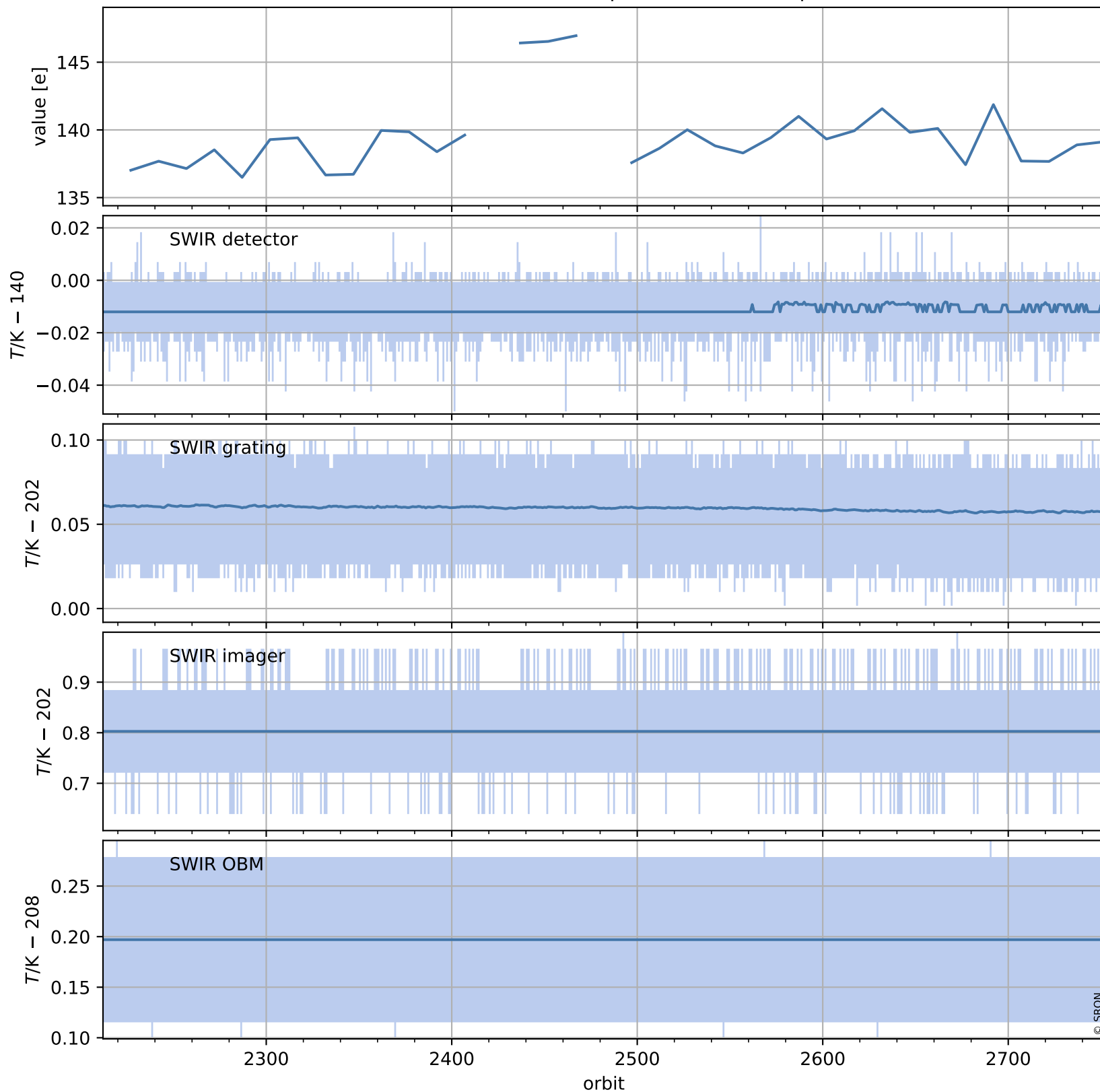
orbits : 13 in [2737, 2752]
coverage : 2018-04-24 / 2018-04-25
created : 2023-08-21T14:18:50



Tropomi SWIR background noise (swir)

orbits : [2212, 2752]
coverage : 2018-03-18 / 2018-04-25
created : 2023-08-21T14:18:50

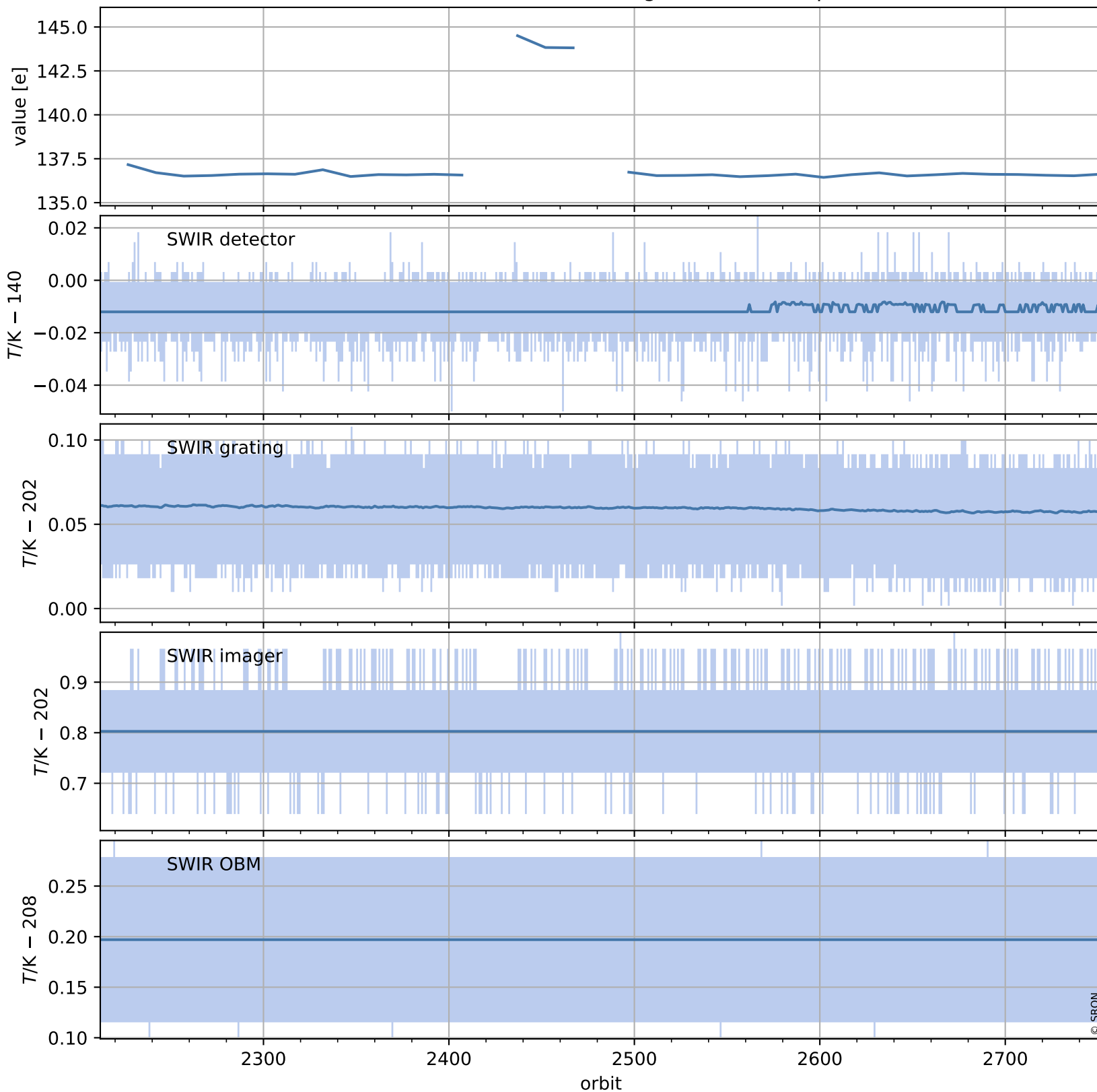
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2752]
coverage : 2018-03-18 / 2018-04-25
created : 2023-08-21T14:18:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2752]
coverage : 2018-03-18 / 2018-04-25
created : 2023-08-21T14:18:51

trend of normalized read-noise & temperatures

