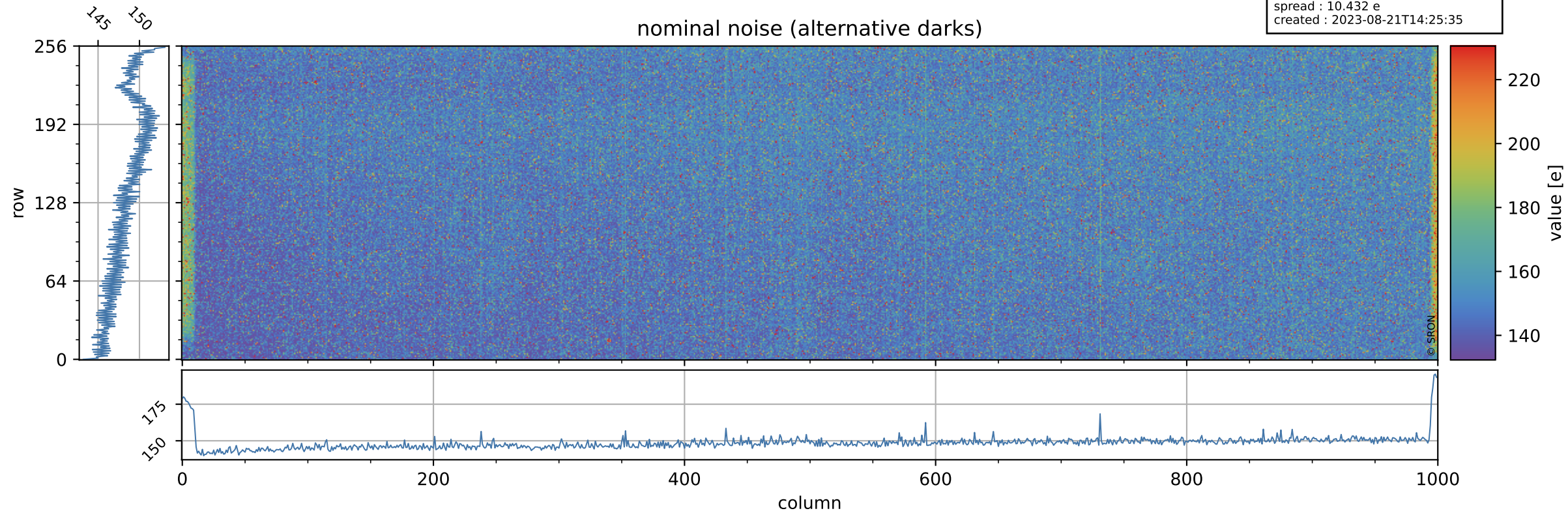


Tropomi SWIR background noise (swir)

orbits : 12 in [3997, 4087]
coverage : 2018-07-22 / 2018-07-28
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.432 e
created : 2023-08-21T14:25:35

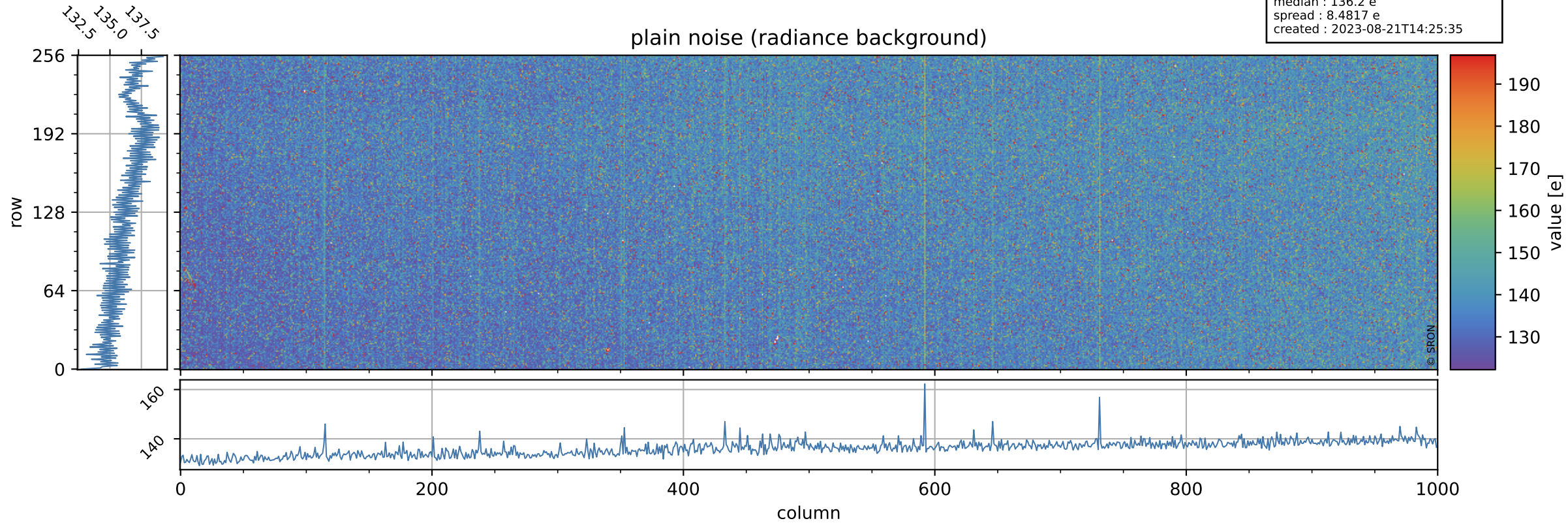
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3997, 4087]
coverage : 2018-07-22 / 2018-07-28
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.4817 e
created : 2023-08-21T14:25:35

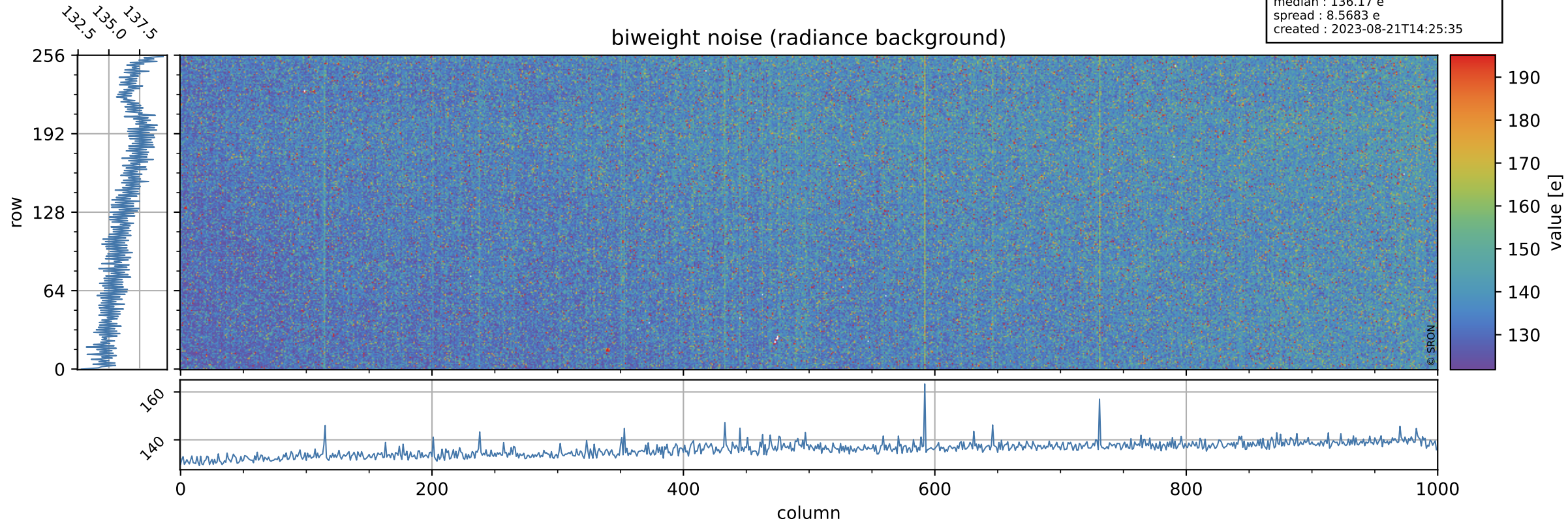
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3997, 4087]
coverage : 2018-07-22 / 2018-07-28
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.5683 e
created : 2023-08-21T14:25:35

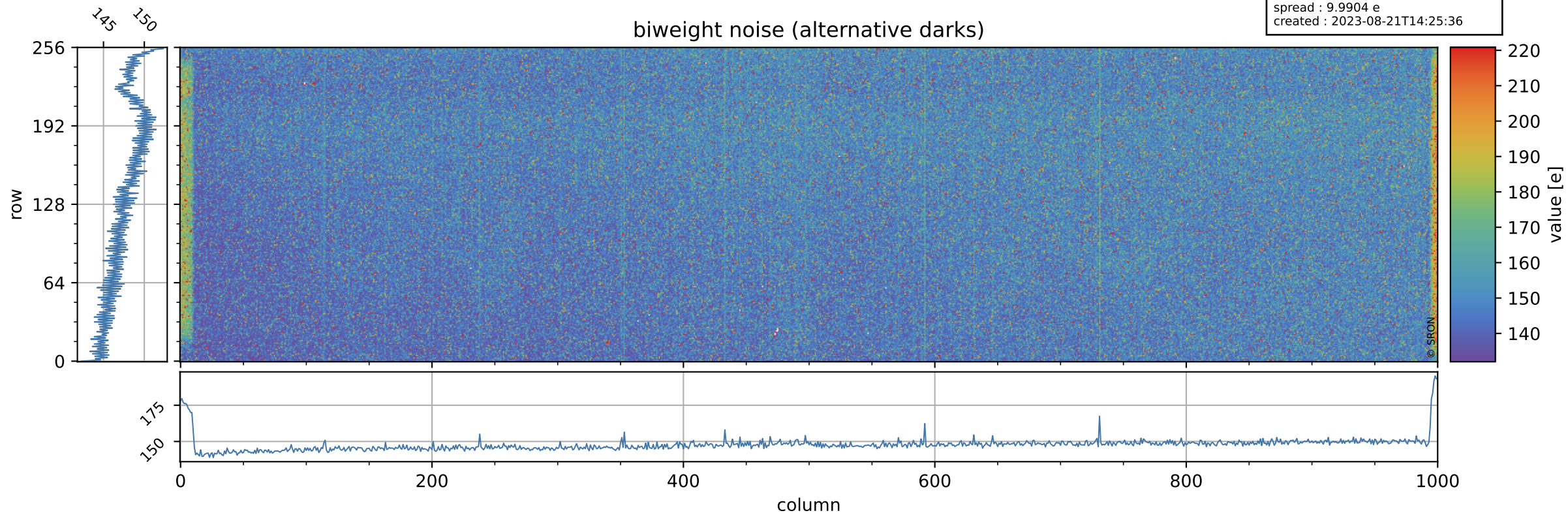
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3997, 4087]
coverage : 2018-07-22 / 2018-07-28
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.9904 e
created : 2023-08-21T14:25:36

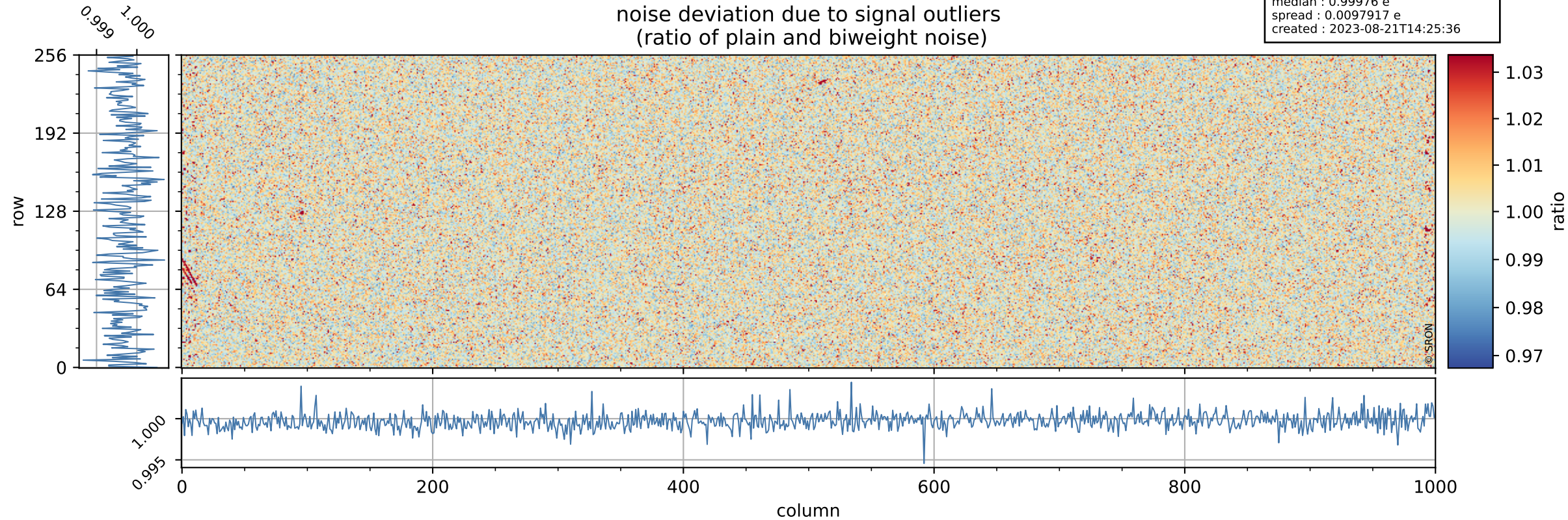
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

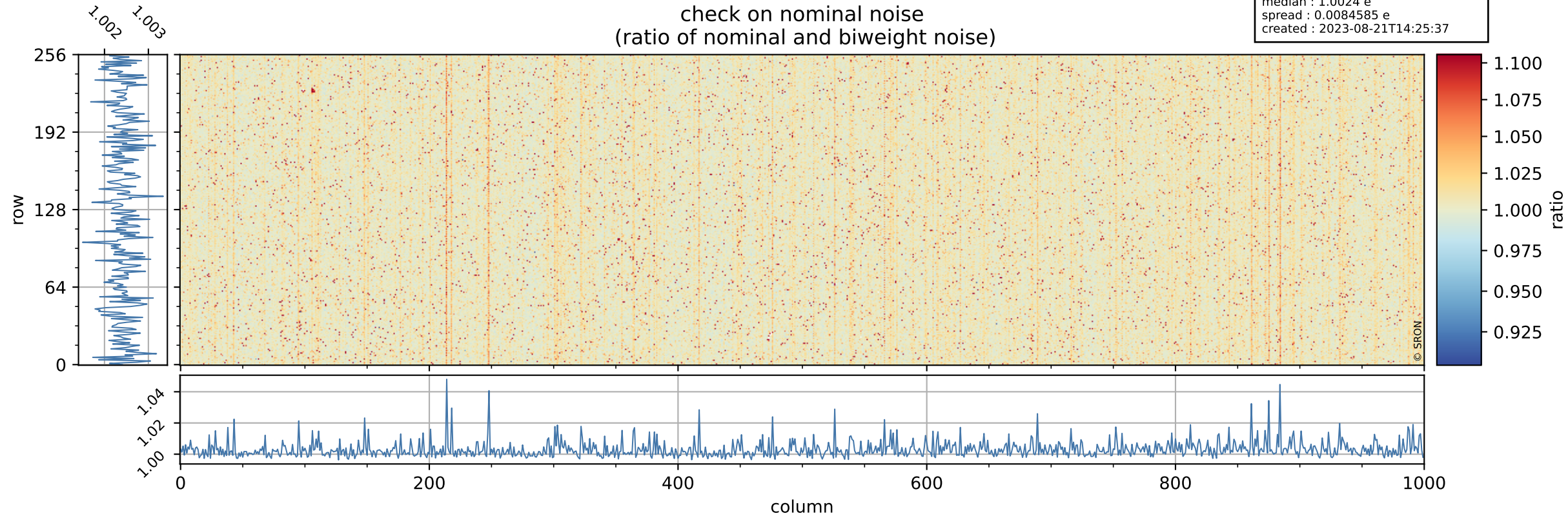
orbits : 12 in [3997, 4087]
coverage : 2018-07-22 / 2018-07-28
median : 0.99976 e
spread : 0.0097917 e
created : 2023-08-21T14:25:36



Tropomi SWIR background noise (swir)

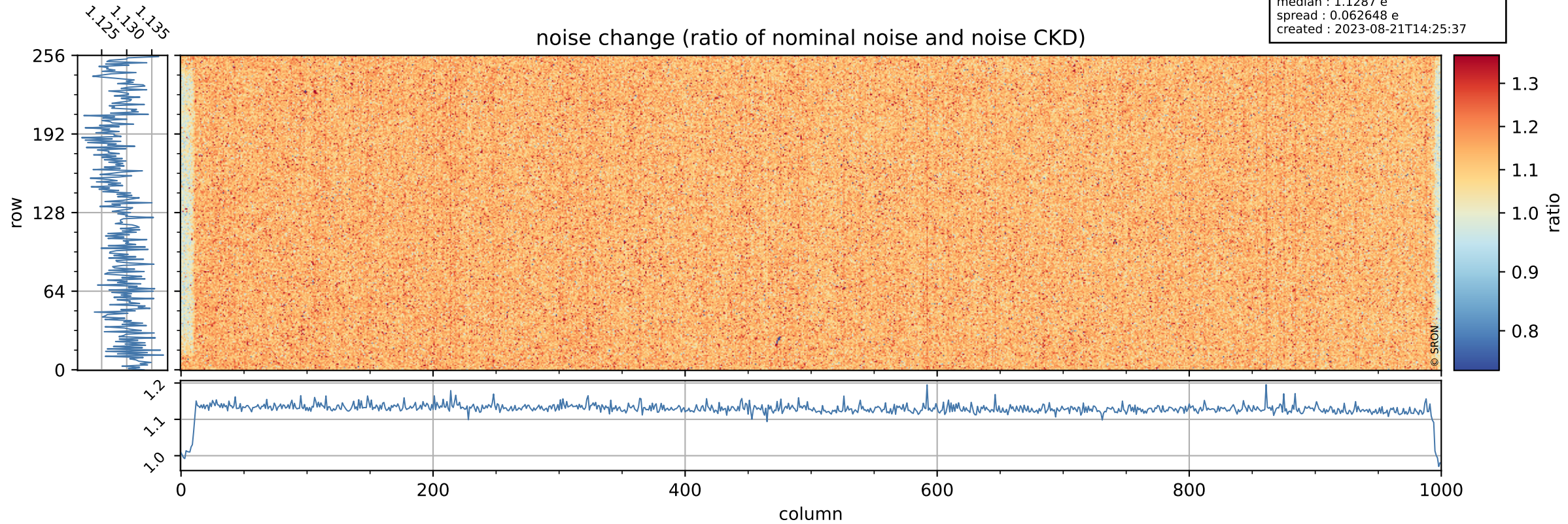
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3997, 4087]
coverage : 2018-07-22 / 2018-07-28
median : 1.0024 e
spread : 0.0084585 e
created : 2023-08-21T14:25:37



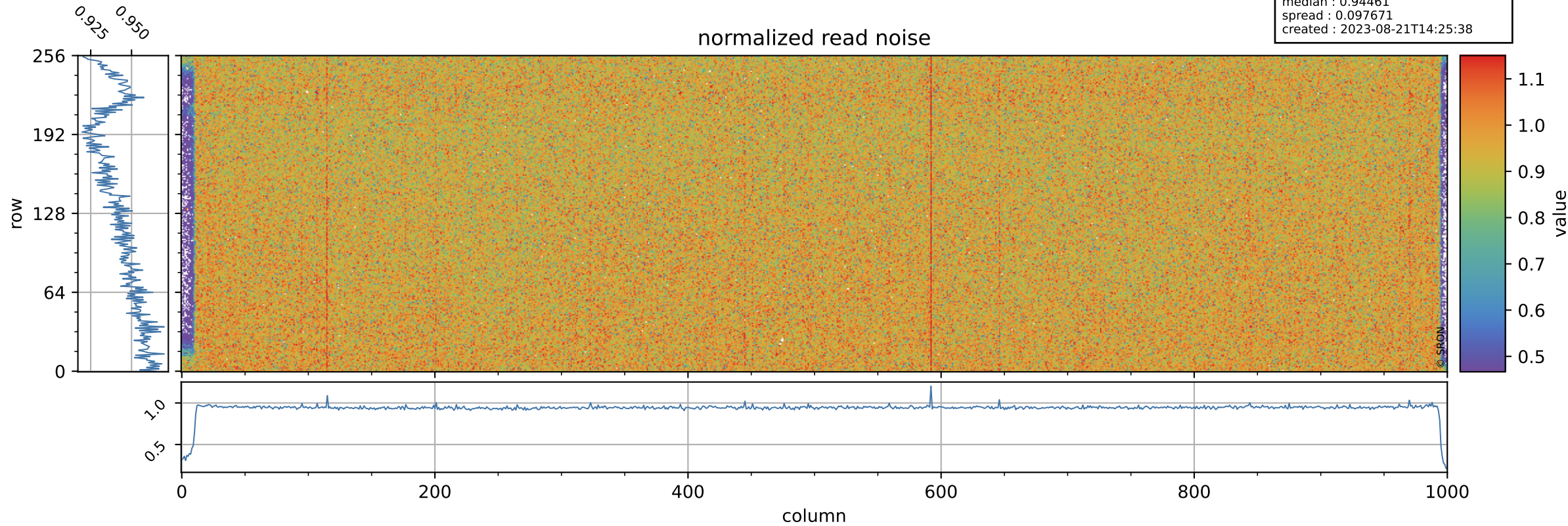
Tropomi SWIR background noise (swir)

orbits : 12 in [3997, 4087]
coverage : 2018-07-22 / 2018-07-28
median : 1.1287 e
spread : 0.062648 e
created : 2023-08-21T14:25:37



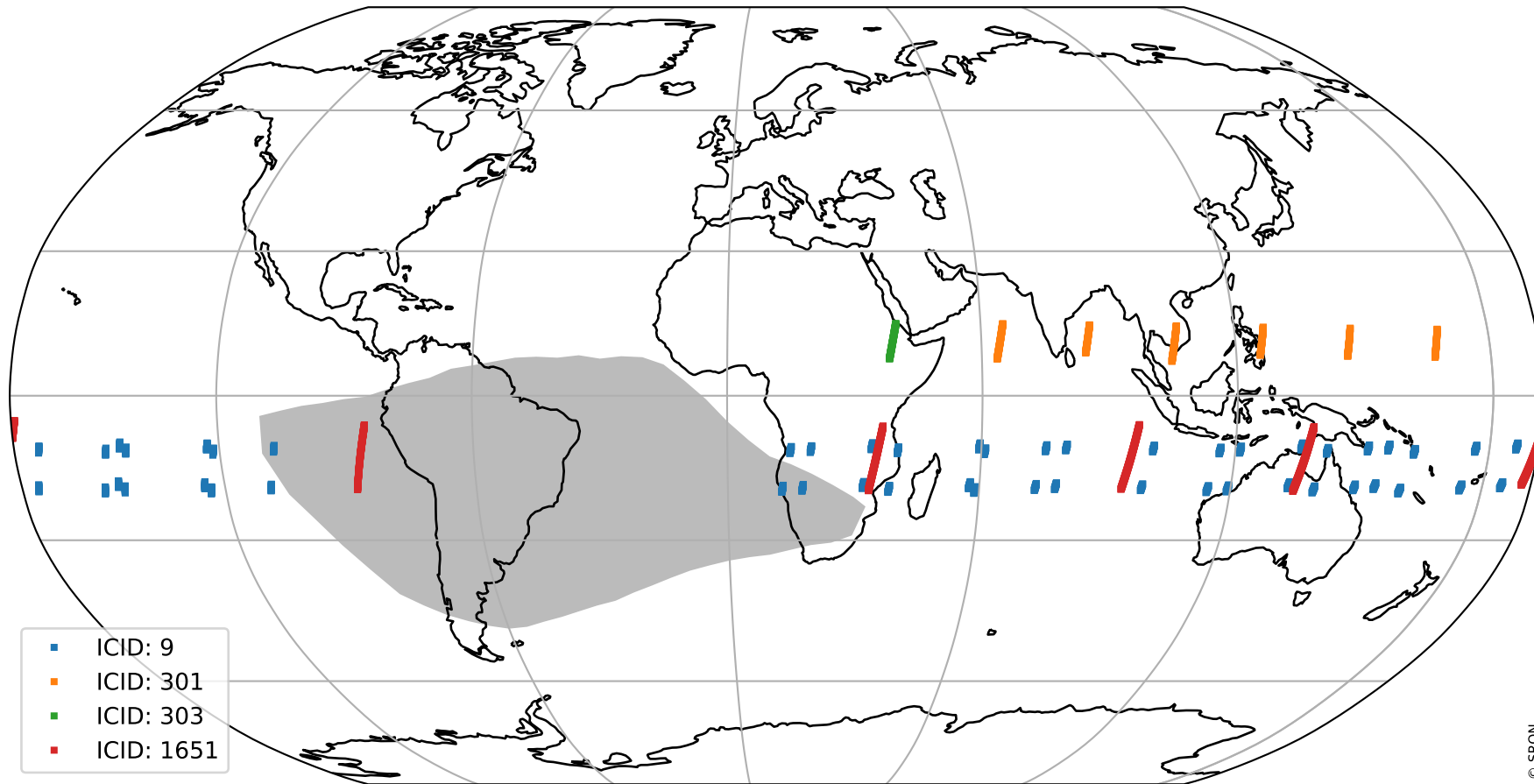
Tropomi SWIR background noise (swir)

orbits : 12 in [3997, 4087]
coverage : 2018-07-22 / 2018-07-28
median : 0.94461
spread : 0.097671
created : 2023-08-21T14:25:38



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

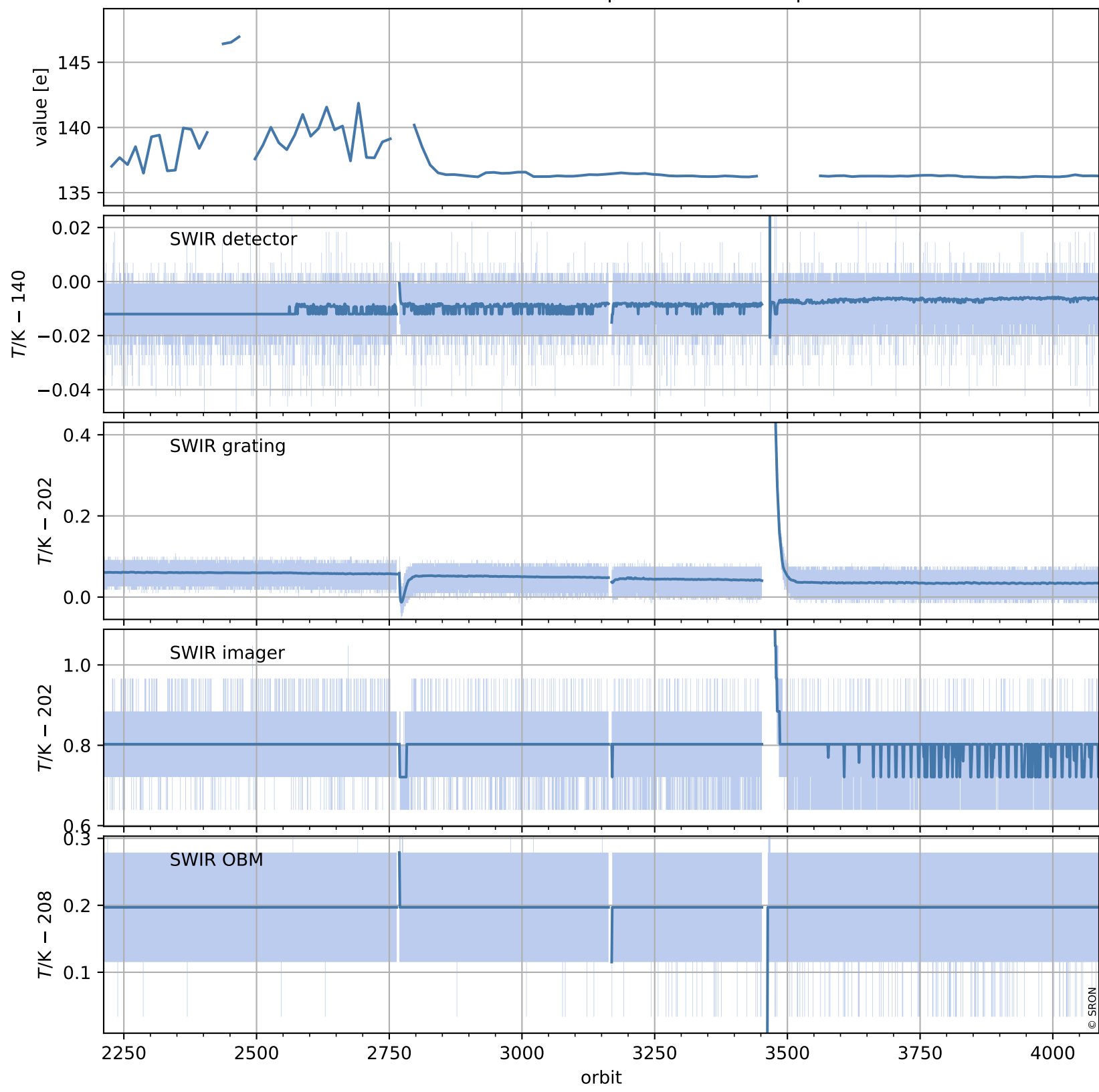
orbits : 12 in [3997, 4087]
coverage : 2018-07-22 / 2018-07-28
created : 2023-08-21T14:25:38



Tropomi SWIR background noise (swir)

orbits : [2212, 4087]
coverage : 2018-03-18 / 2018-07-28
created : 2023-08-21T14:25:38

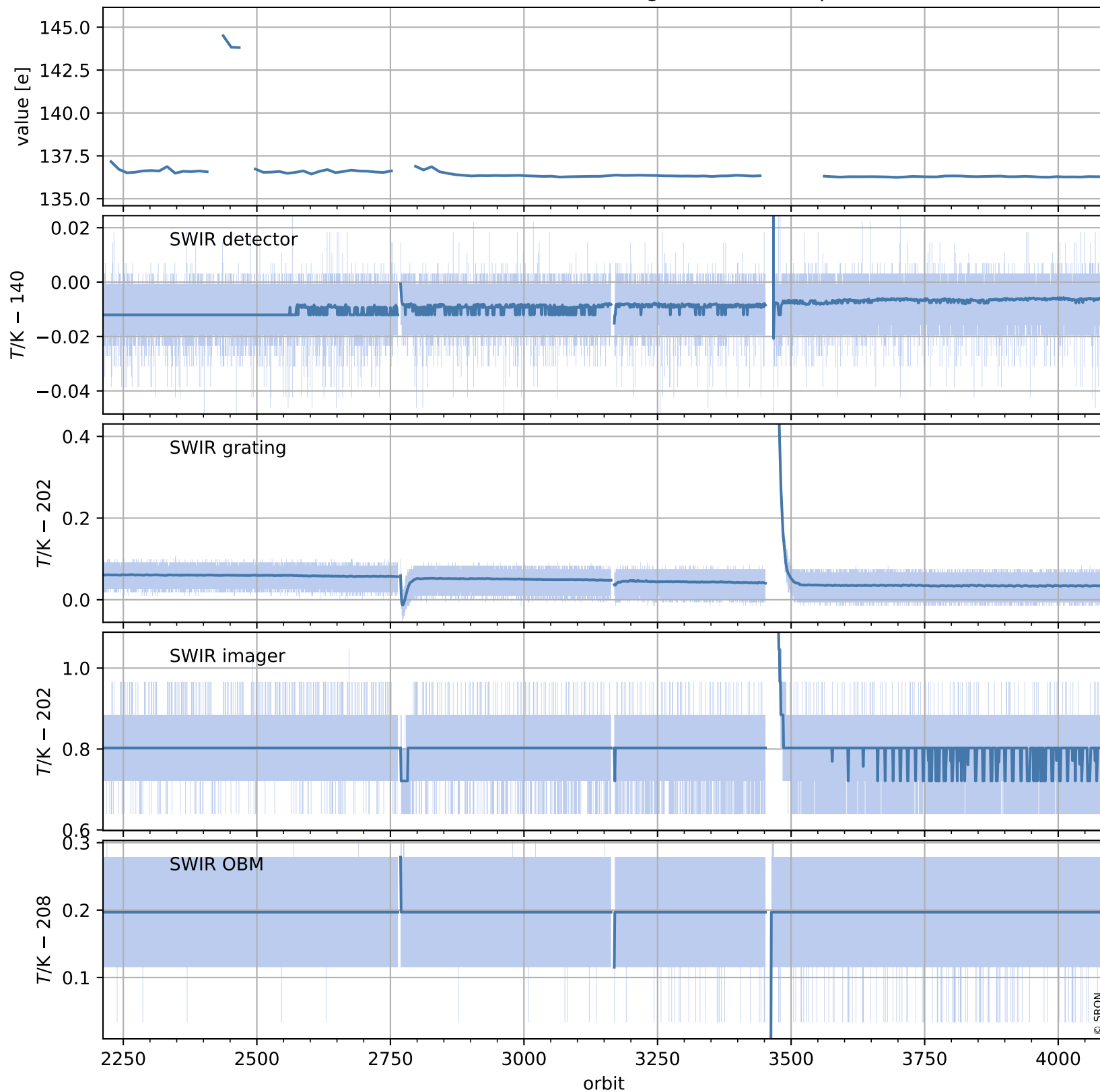
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4087]
coverage : 2018-03-18 / 2018-07-28
created : 2023-08-21T14:25:39

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4087]
coverage : 2018-03-18 / 2018-07-28
created : 2023-08-21T14:25:40

trend of normalized read-noise & temperatures

