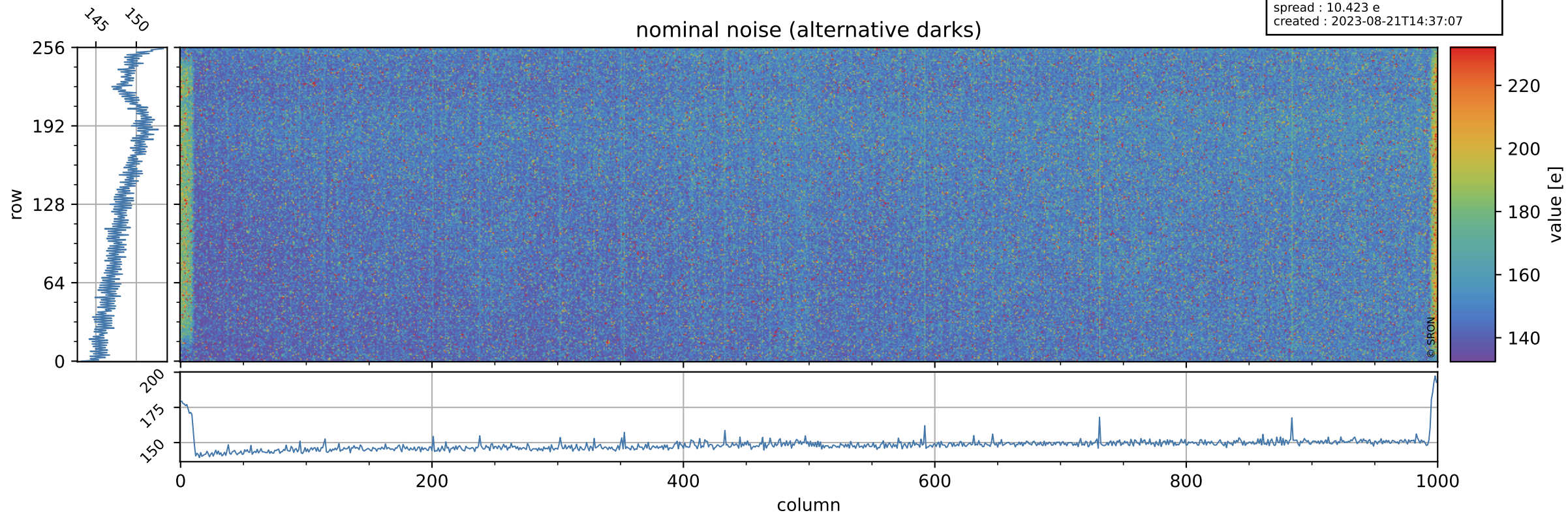


Tropomi SWIR background noise (swir)

orbits : 12 in [5617, 5692]
coverage : 2018-11-12 / 2018-11-18
n_coad, t_exp : 1, 1.0783
median : 148.28 e
spread : 10.423 e
created : 2023-08-21T14:37:07

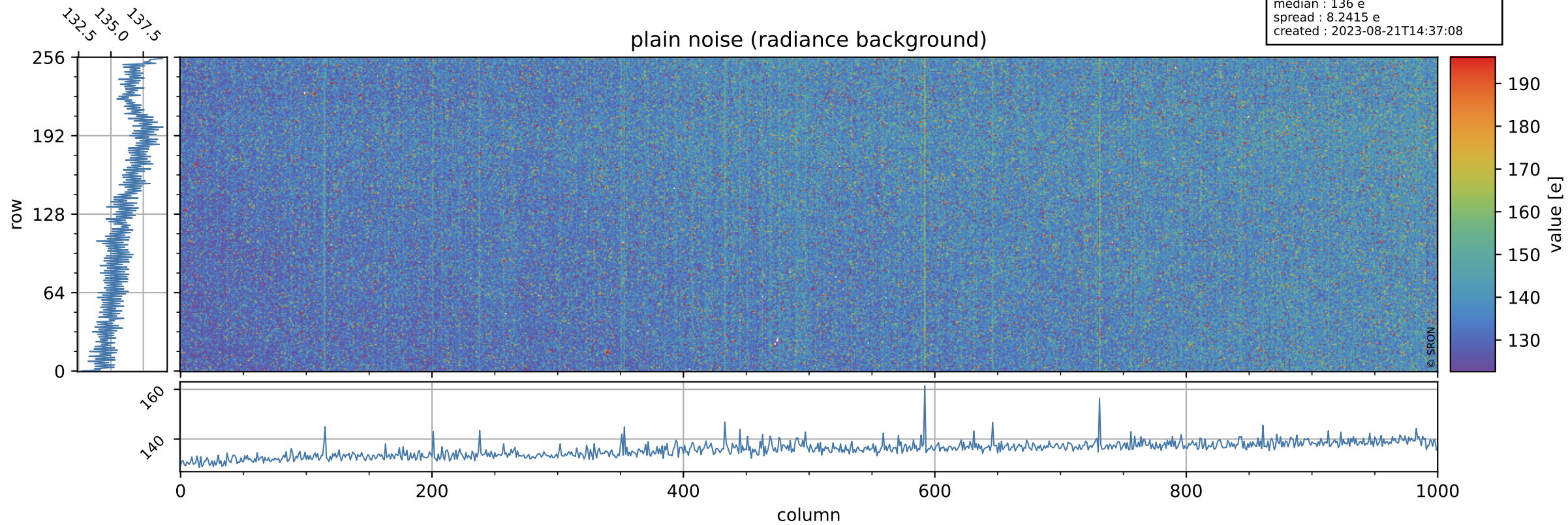
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5617, 5692]
coverage : 2018-11-12 / 2018-11-18
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2415 e
created : 2023-08-21T14:37:08

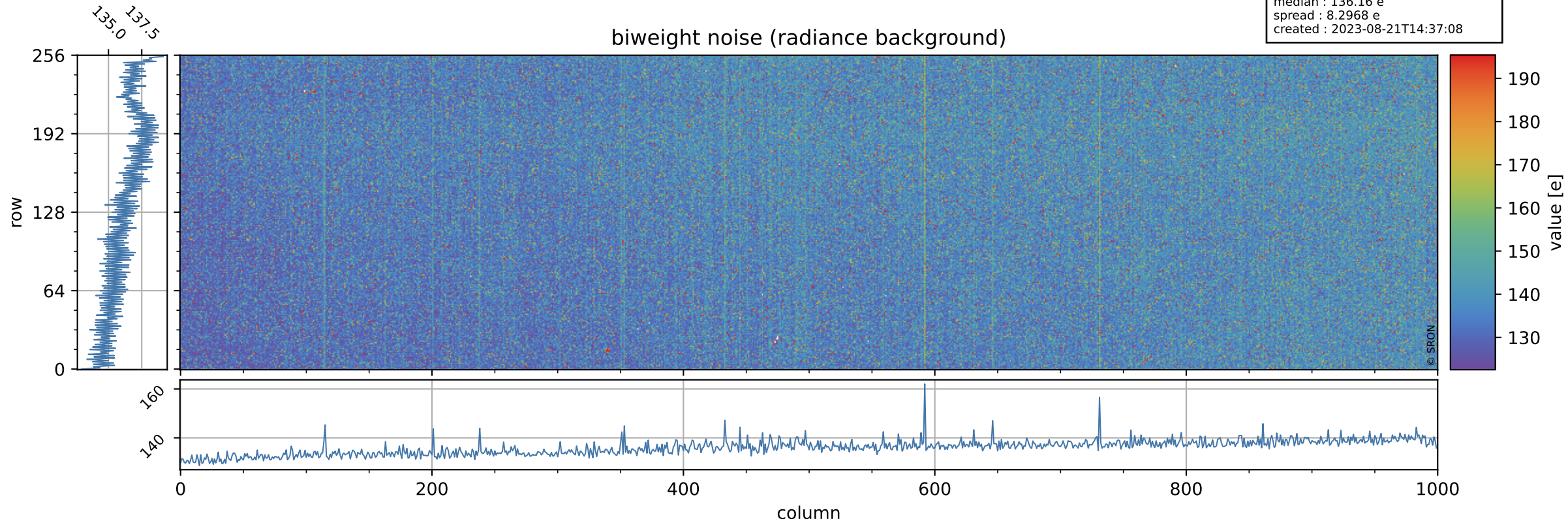
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5617, 5692]
coverage : 2018-11-12 / 2018-11-18
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.2968 e
created : 2023-08-21T14:37:08

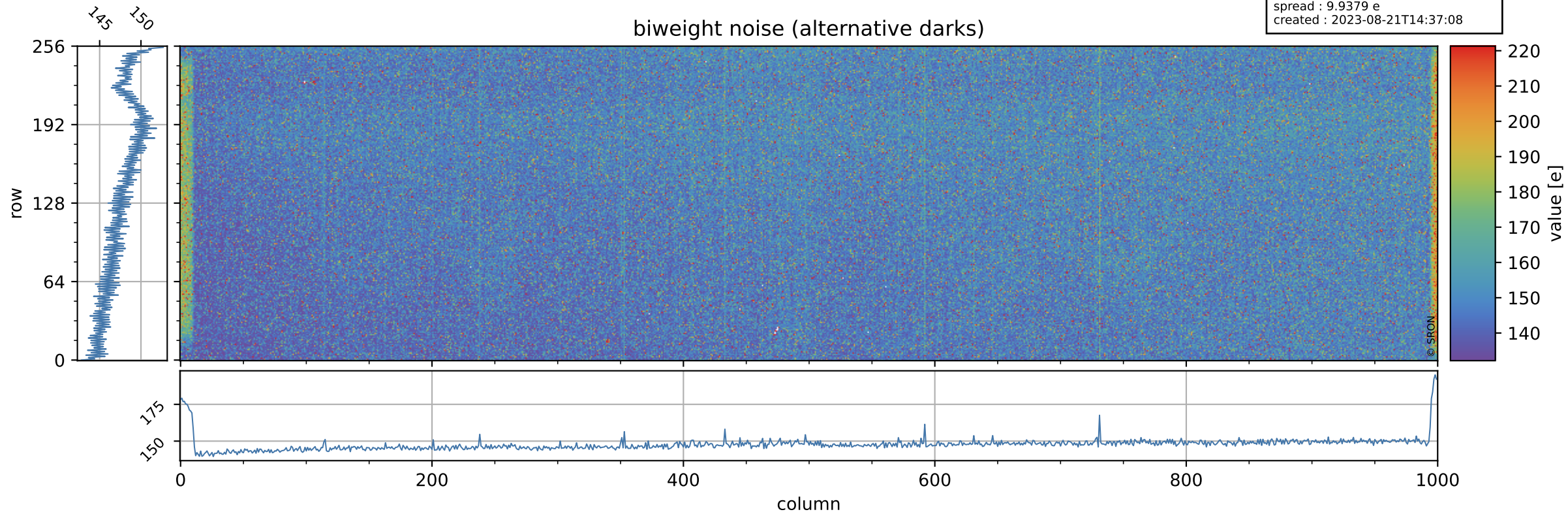
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5617, 5692]
coverage : 2018-11-12 / 2018-11-18
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9379 e
created : 2023-08-21T14:37:08

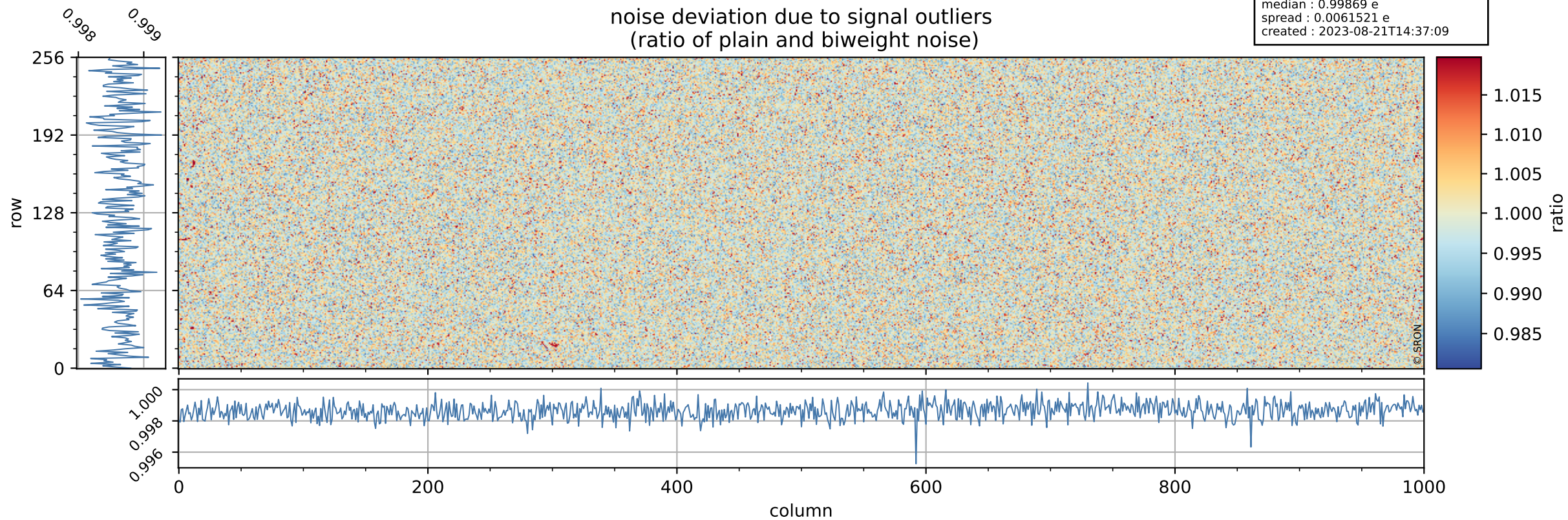
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

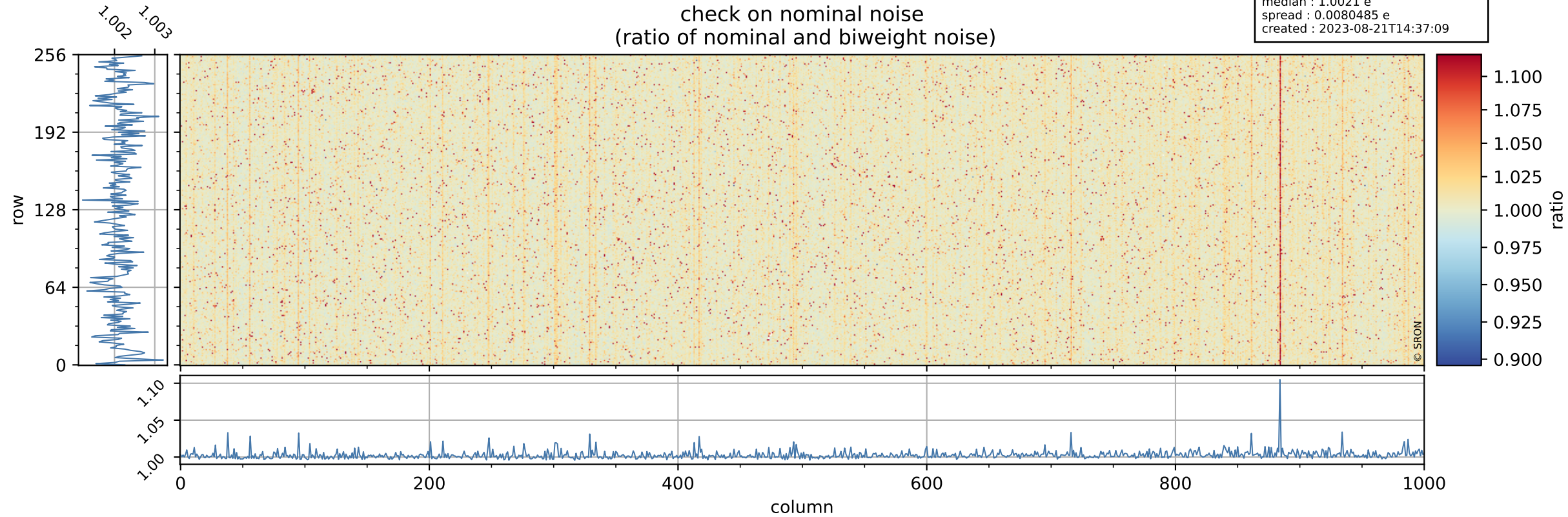
orbits : 12 in [5617, 5692]
coverage : 2018-11-12 / 2018-11-18
median : 0.99869 e
spread : 0.0061521 e
created : 2023-08-21T14:37:09



Tropomi SWIR background noise (swir)

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

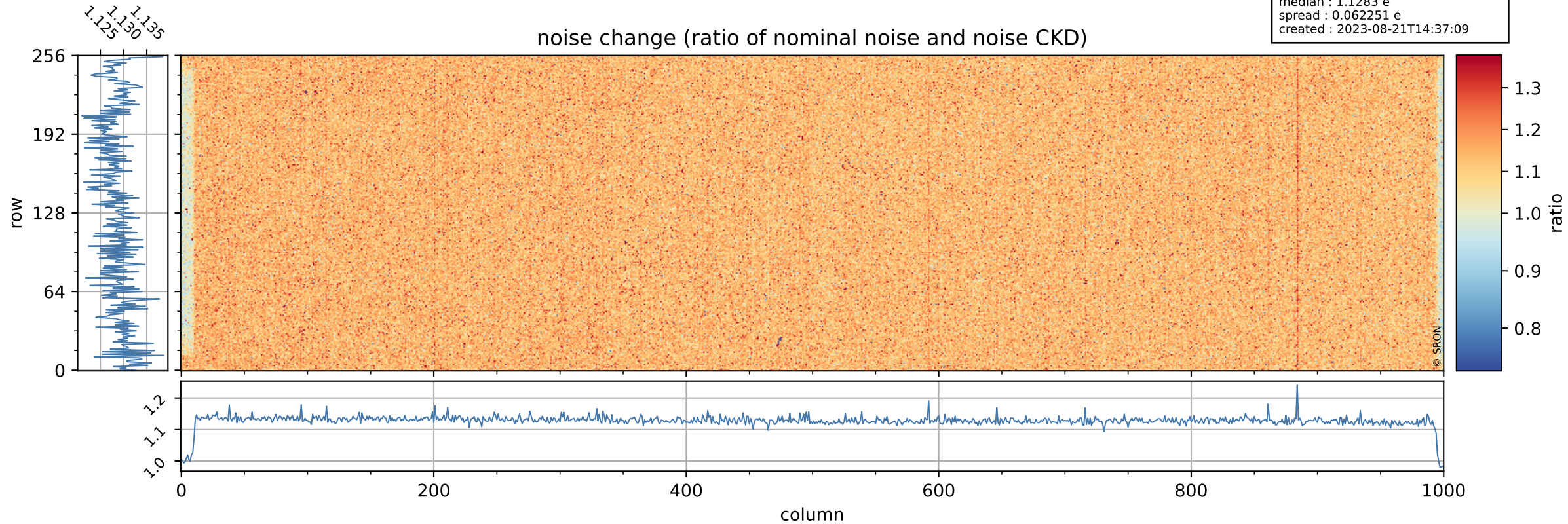
orbits : 12 in [5617, 5692]
coverage : 2018-11-12 / 2018-11-18
median : 1.0021 e
spread : 0.0080485 e
created : 2023-08-21T14:37:09



Tropomi SWIR background noise (swir)

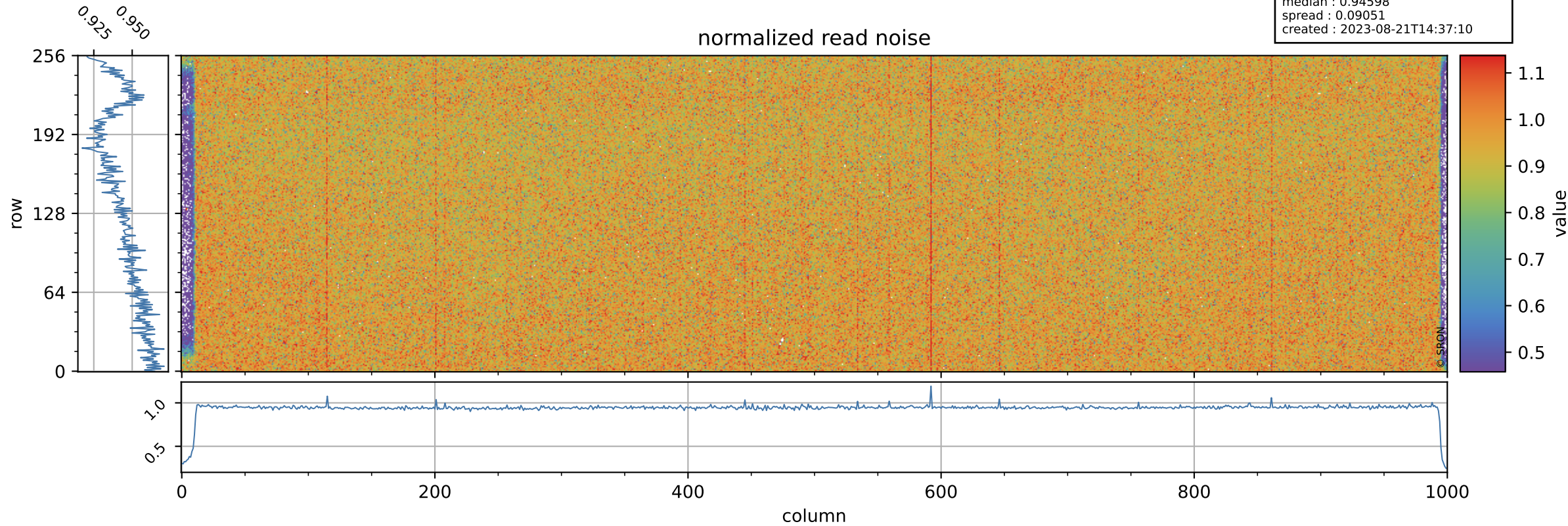
orbits : 12 in [5617, 5692]
coverage : 2018-11-12 / 2018-11-18
median : 1.1283 e
spread : 0.062251 e
created : 2023-08-21T14:37:09

noise change (ratio of nominal noise and noise CKD)



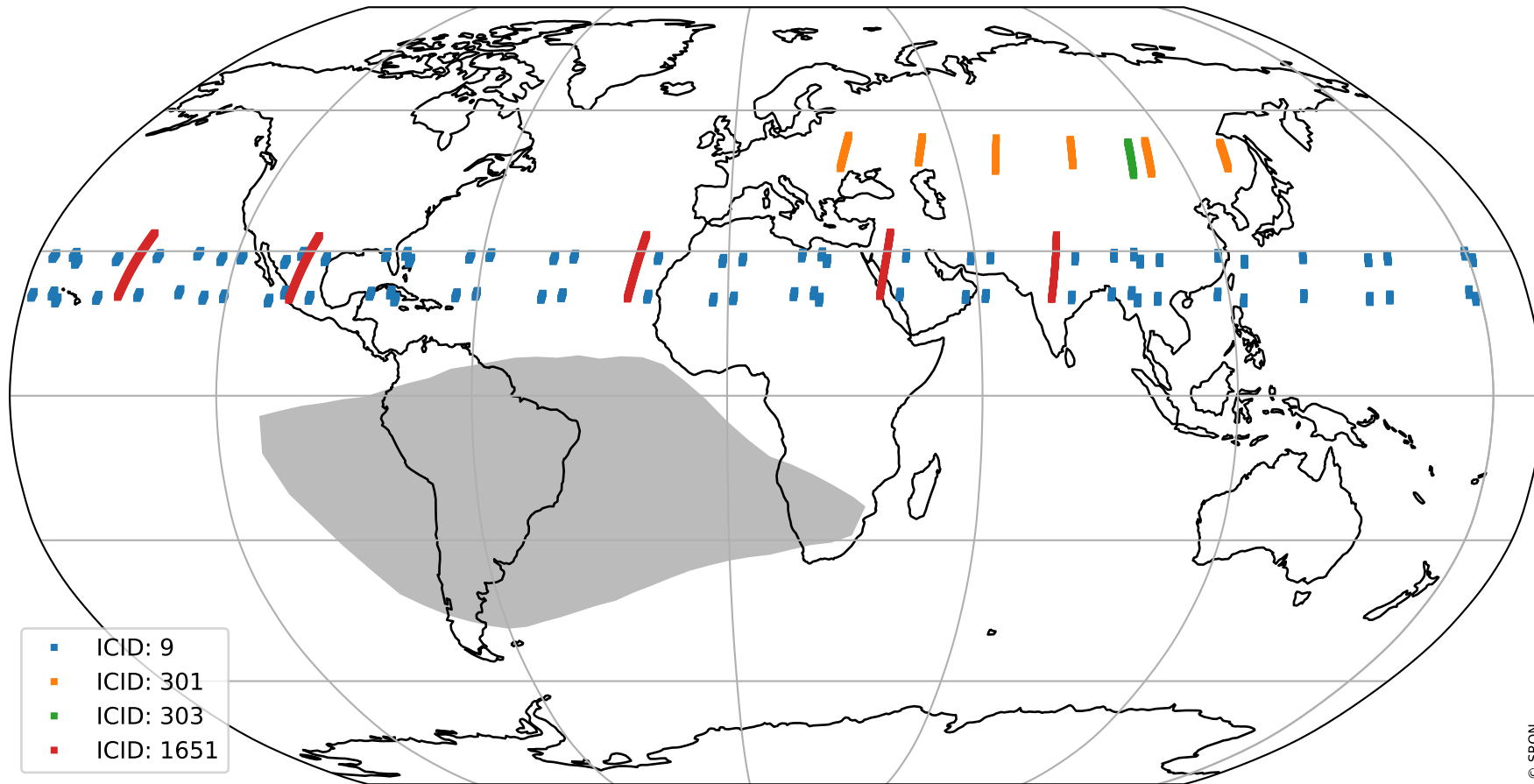
Tropomi SWIR background noise (swir)

orbits : 12 in [5617, 5692]
coverage : 2018-11-12 / 2018-11-18
median : 0.94598
spread : 0.09051
created : 2023-08-21T14:37:10



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

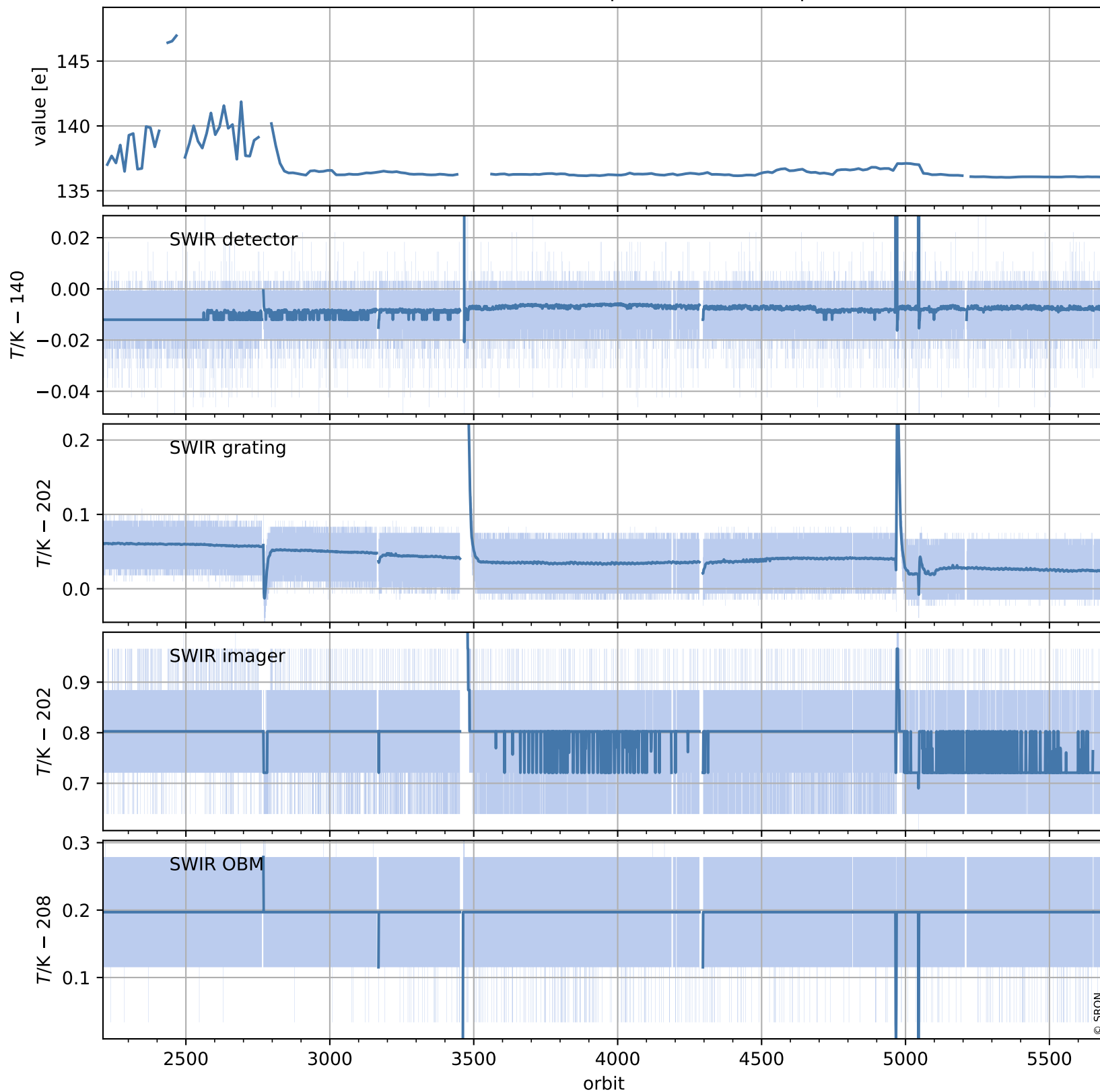
orbits : 12 in [5617, 5692]
coverage : 2018-11-12 / 2018-11-18
created : 2023-08-21T14:37:10



Tropomi SWIR background noise (swir)

orbits : [2212, 5692]
coverage : 2018-03-18 / 2018-11-18
created : 2023-08-21T14:37:11

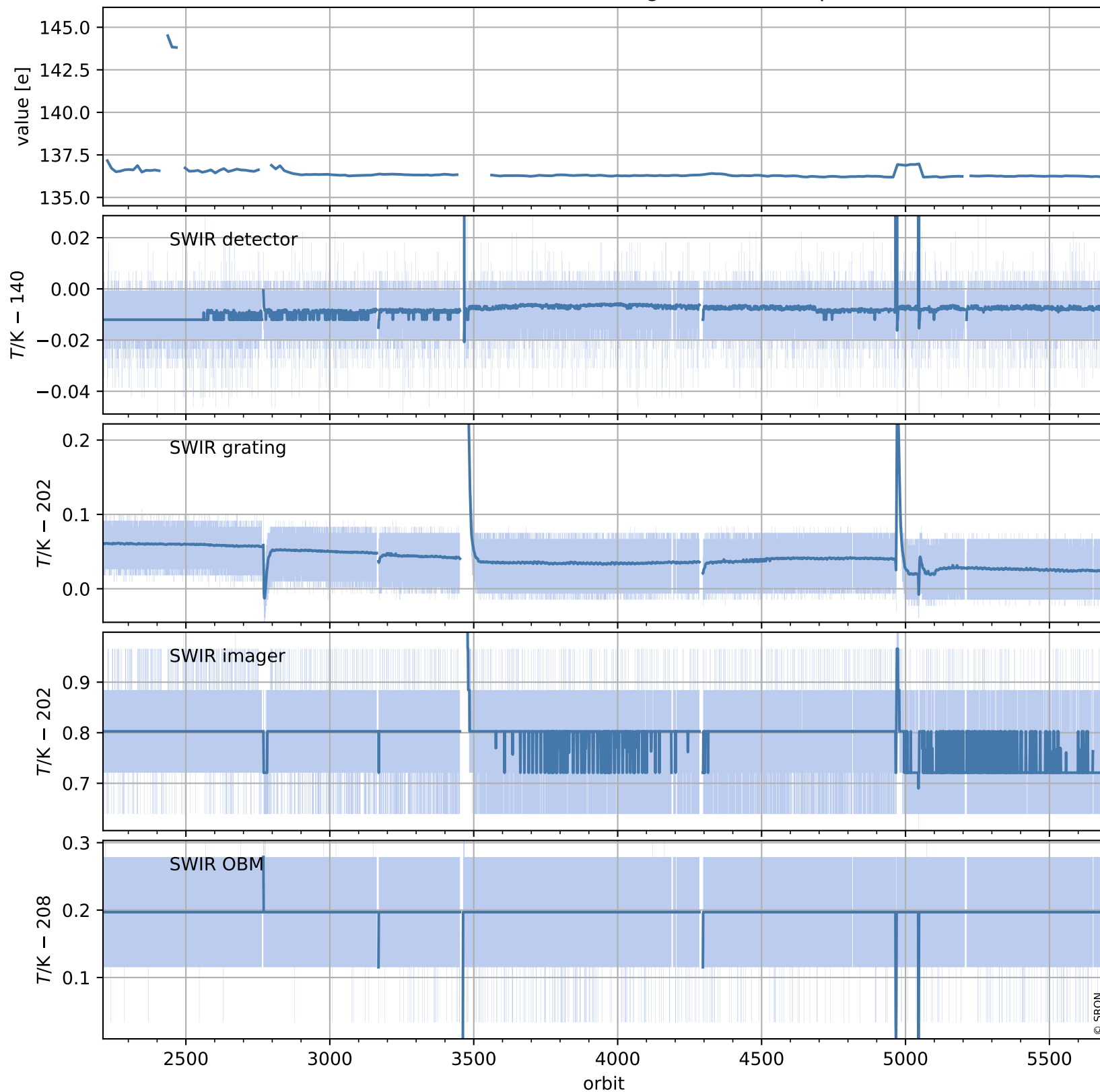
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5692]
coverage : 2018-03-18 / 2018-11-18
created : 2023-08-21T14:37:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5692]
coverage : 2018-03-18 / 2018-11-18
created : 2023-08-21T14:37:12

trend of normalized read-noise & temperatures

