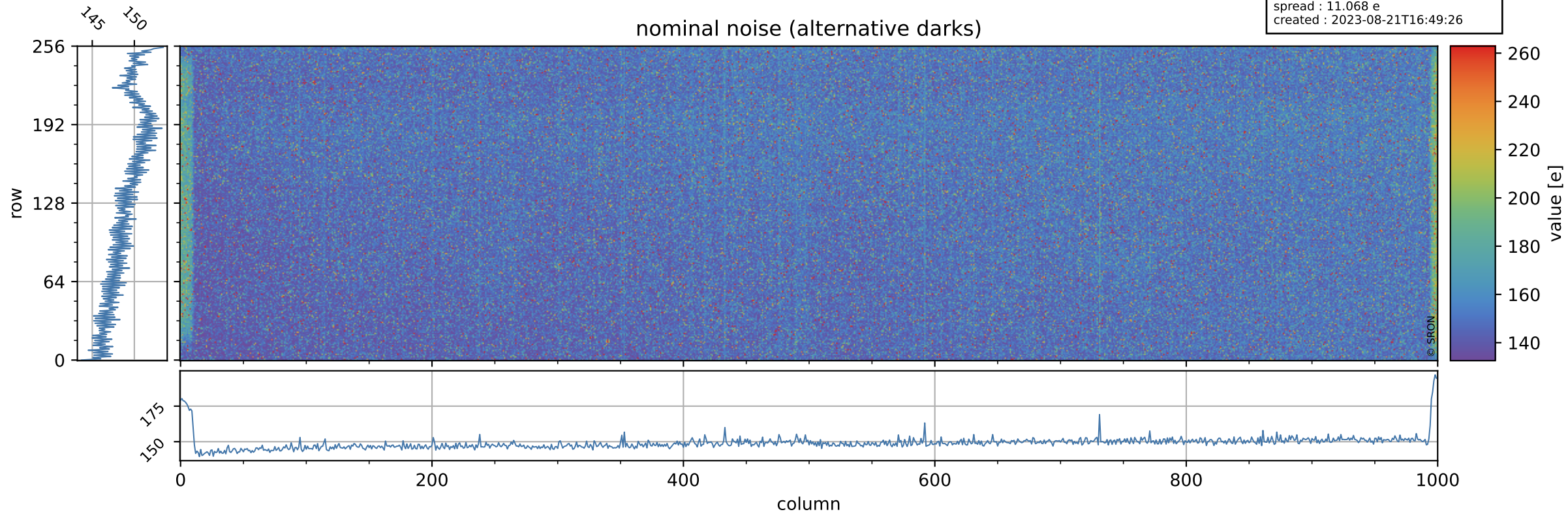


Tropomi SWIR background noise (swir)

orbits : 12 in [26422, 26512]
coverage : 2022-11-19 / 2022-11-24
n_coad, t_exp : 1, 1.0783
median : 148.94 e
spread : 11.068 e
created : 2023-08-21T16:49:26

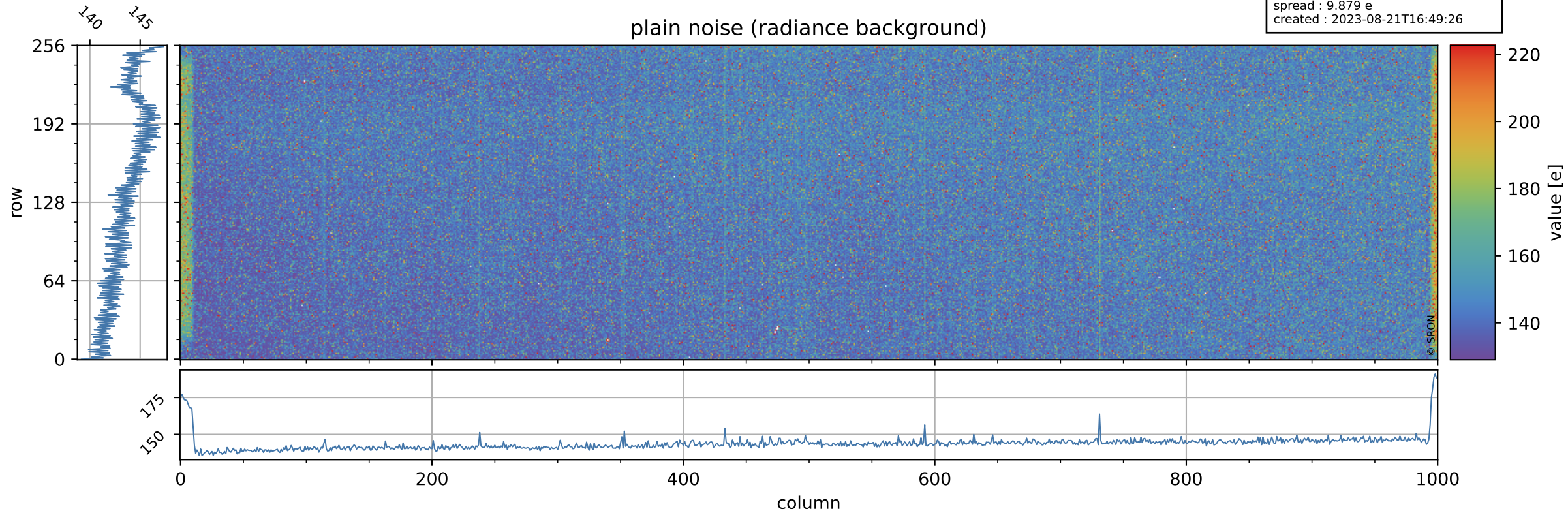
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26422, 26512]
coverage : 2022-11-19 / 2022-11-24
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.879 e
created : 2023-08-21T16:49:26

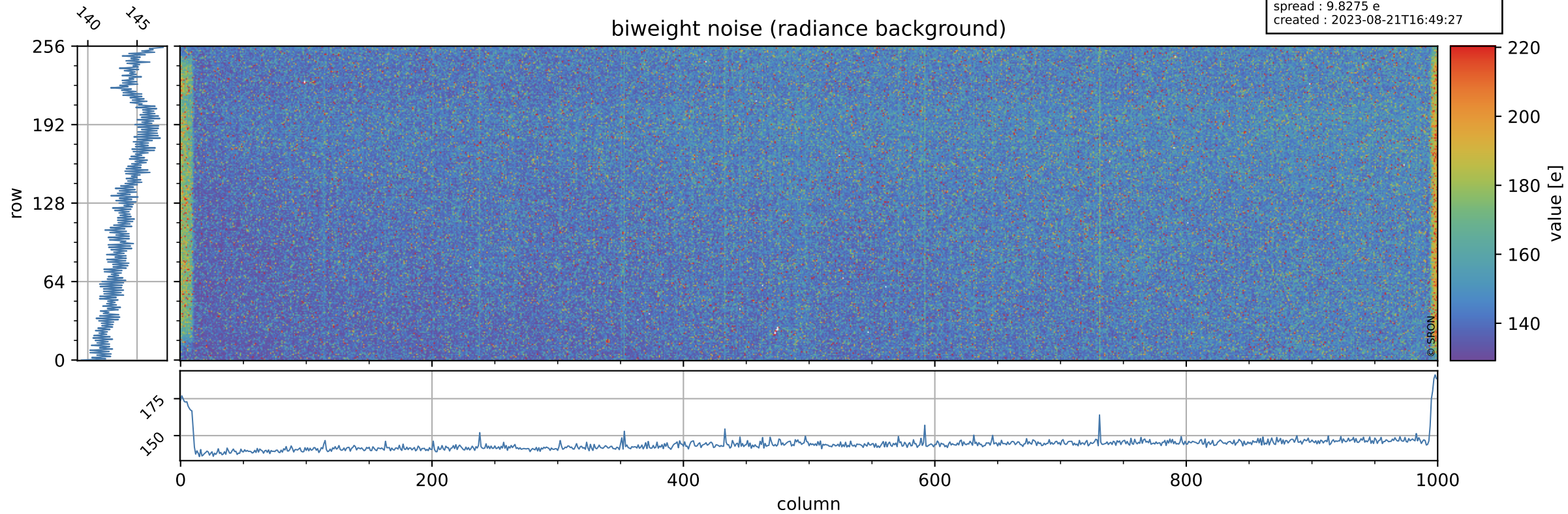
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26422, 26512]
coverage : 2022-11-19 / 2022-11-24
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.8275 e
created : 2023-08-21T16:49:27

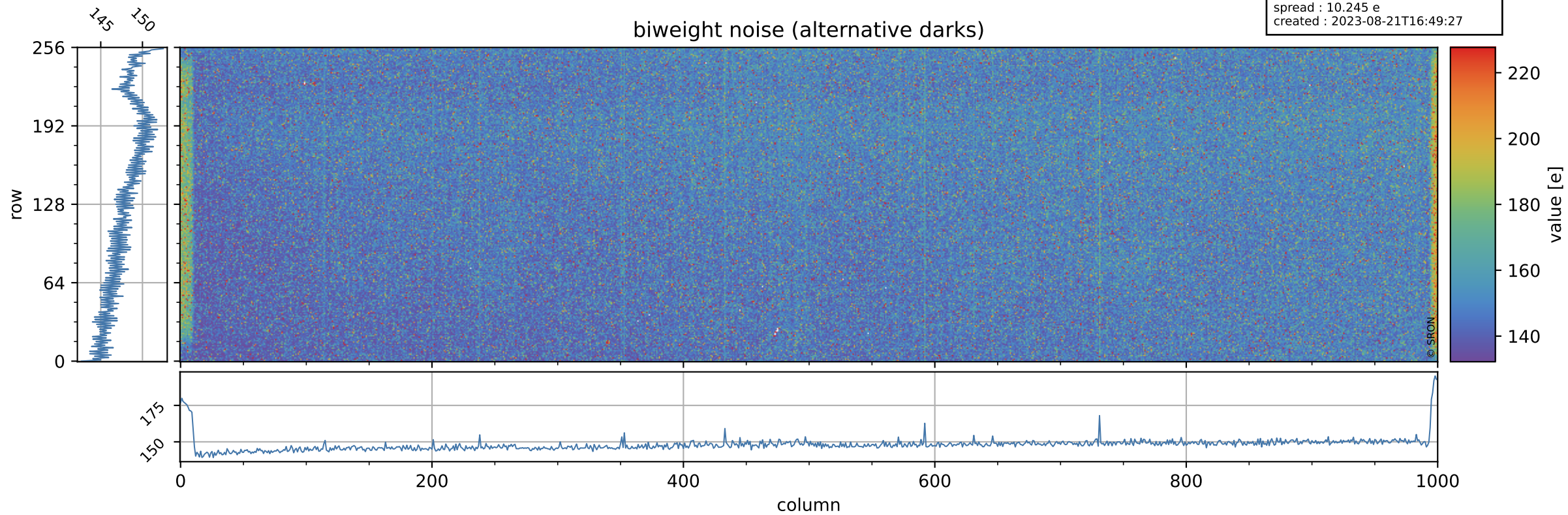
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26422, 26512]
coverage : 2022-11-19 / 2022-11-24
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.245 e
created : 2023-08-21T16:49:27

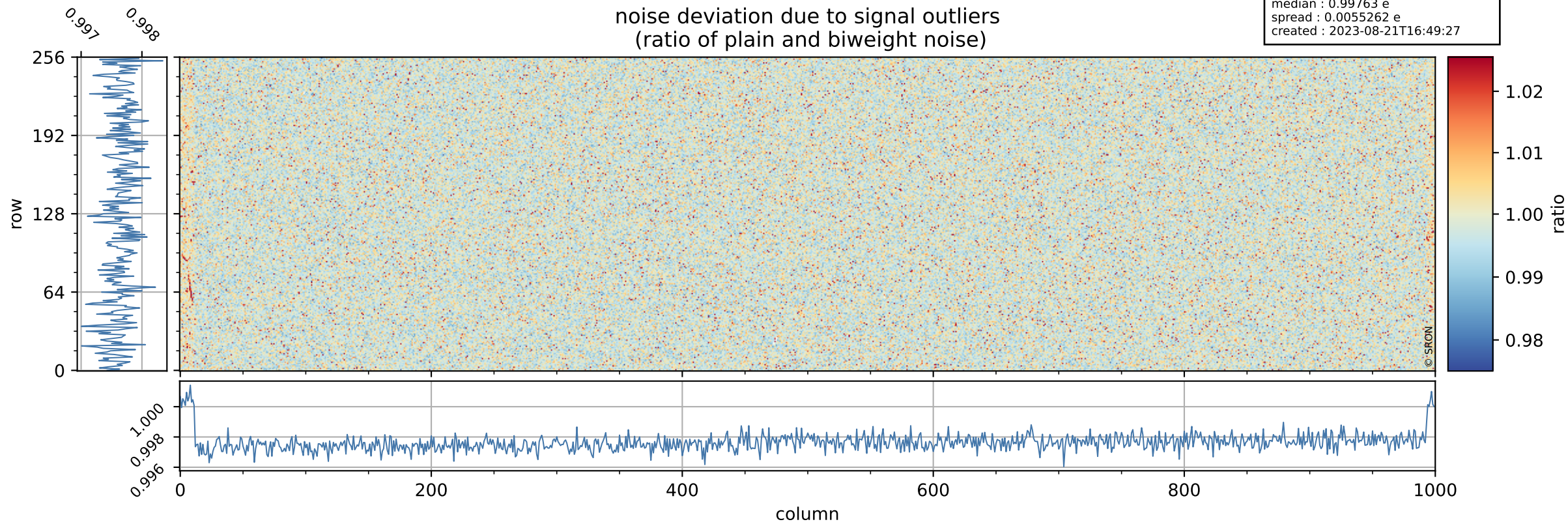
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

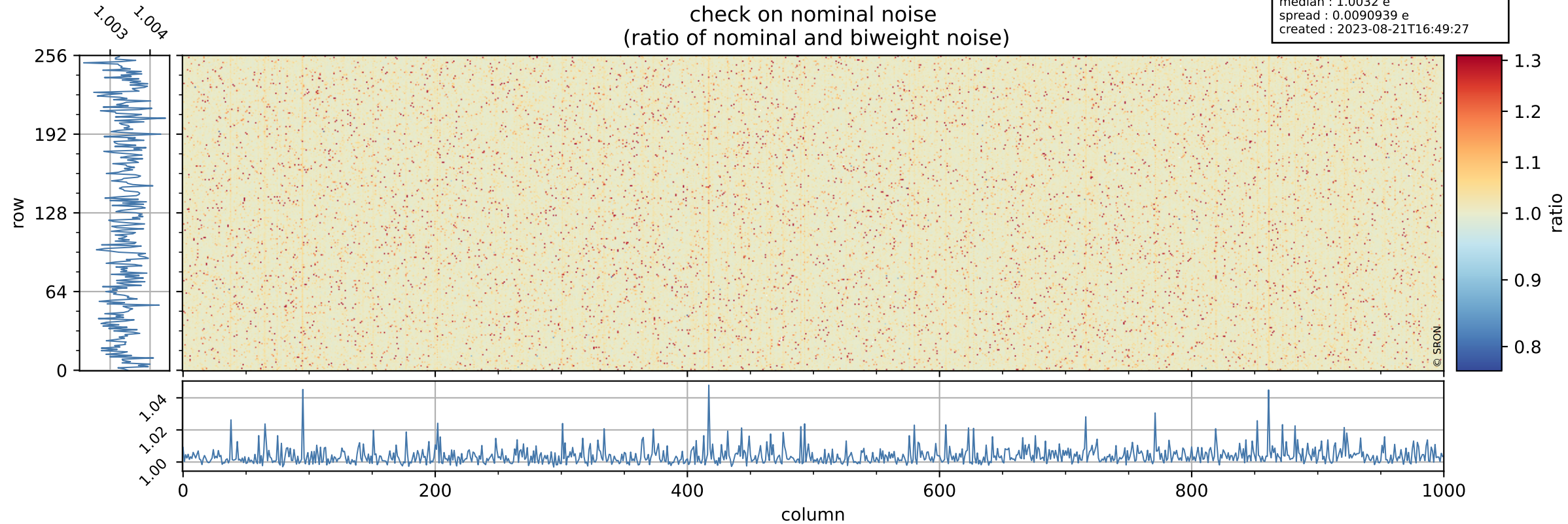
orbits : 12 in [26422, 26512]
coverage : 2022-11-19 / 2022-11-24
median : 0.99763 e
spread : 0.0055262 e
created : 2023-08-21T16:49:27



Tropomi SWIR background noise (swir)

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

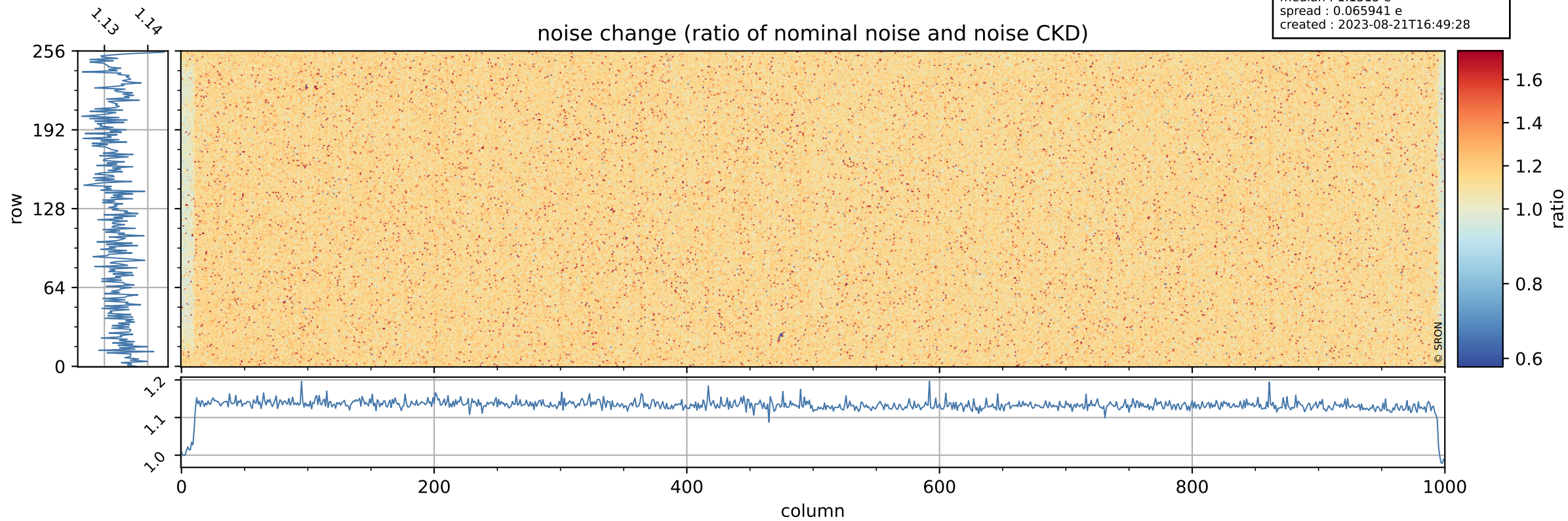
orbits : 12 in [26422, 26512]
coverage : 2022-11-19 / 2022-11-24
median : 1.0032 e
spread : 0.0090939 e
created : 2023-08-21T16:49:27



Tropomi SWIR background noise (swir)

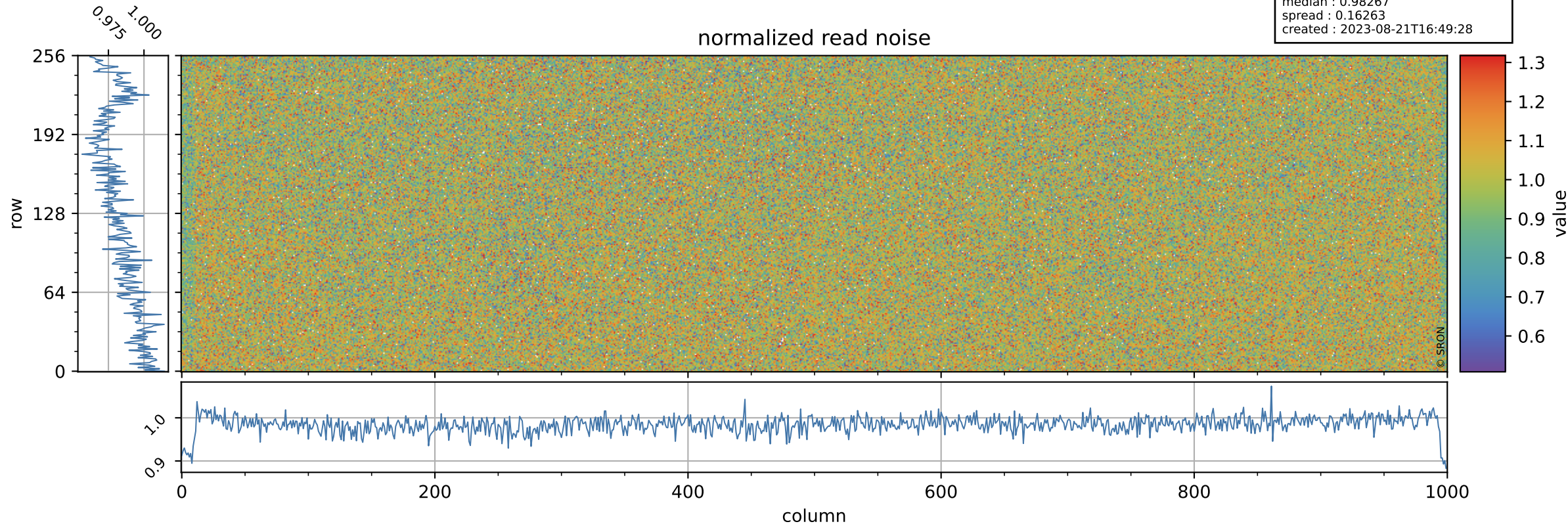
orbits : 12 in [26422, 26512]
coverage : 2022-11-19 / 2022-11-24
median : 1.1315 e
spread : 0.065941 e
created : 2023-08-21T16:49:28

noise change (ratio of nominal noise and noise CKD)



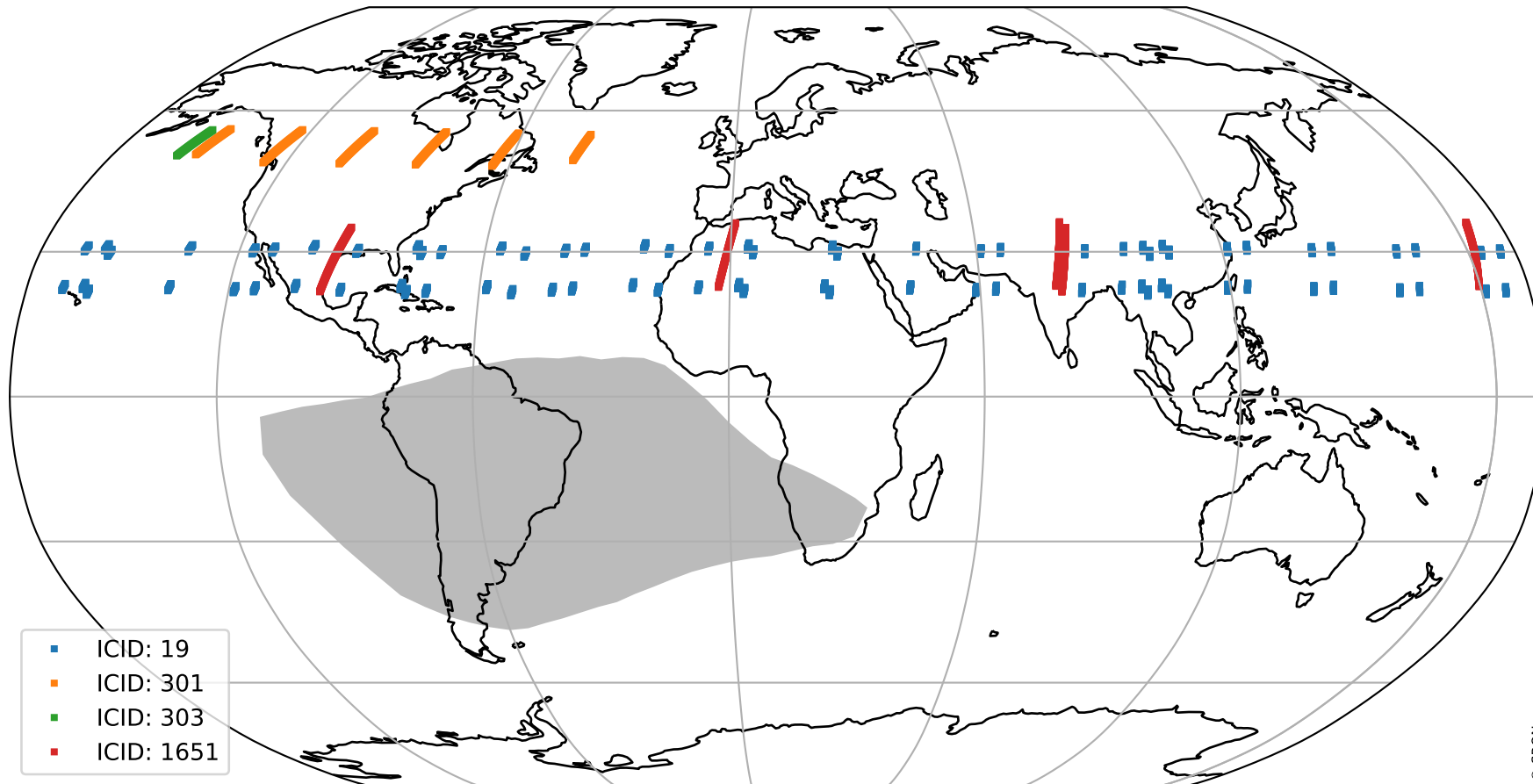
Tropomi SWIR background noise (swir)

orbits : 12 in [26422, 26512]
coverage : 2022-11-19 / 2022-11-24
median : 0.98267
spread : 0.16263
created : 2023-08-21T16:49:28



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

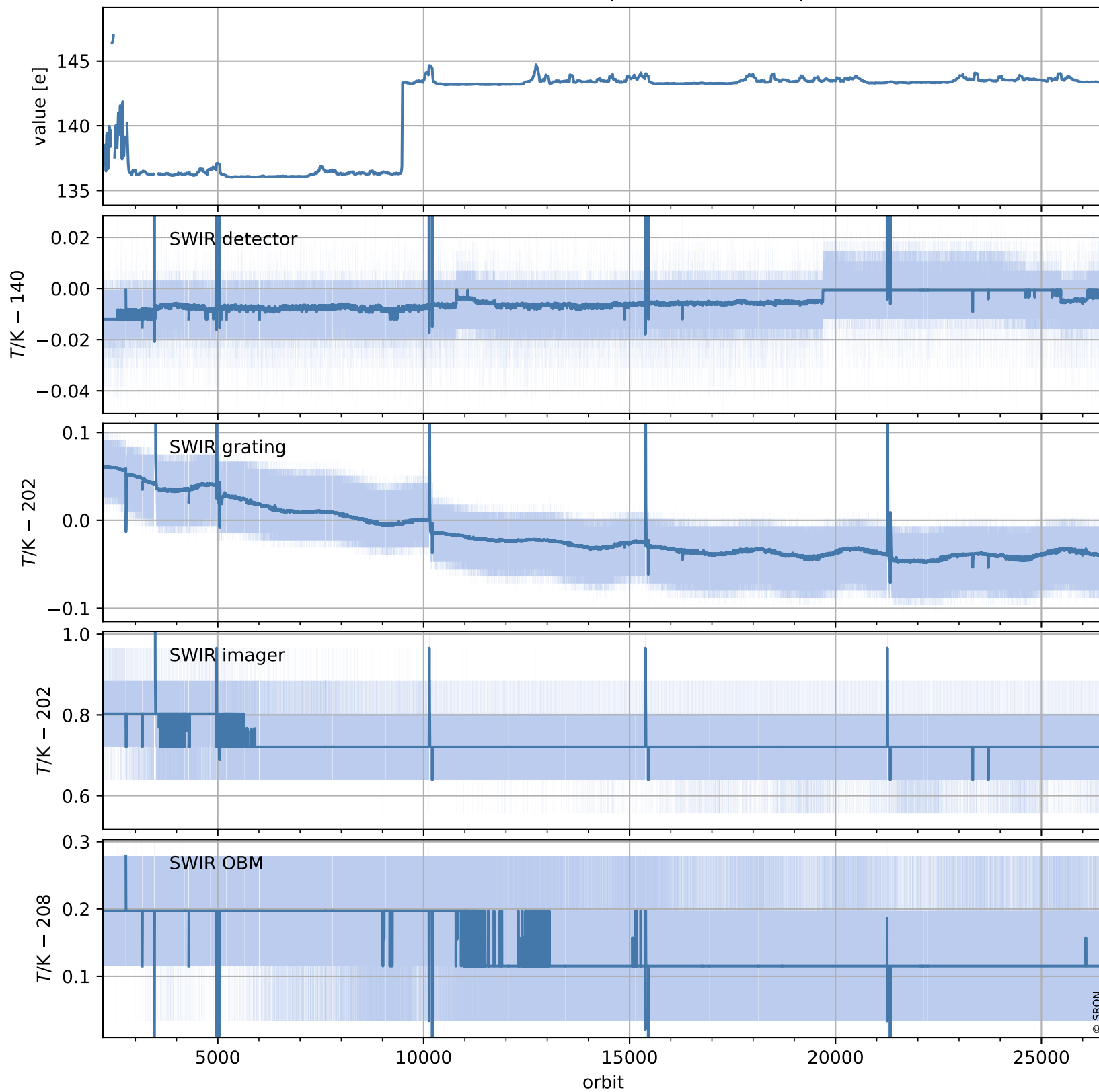
orbits : 12 in [26422, 26512]
coverage : 2022-11-19 / 2022-11-24
created : 2023-08-21T16:49:28



Tropomi SWIR background noise (swir)

orbits : [2212, 26512]
coverage : 2018-03-18 / 2022-11-24
created : 2023-08-21T16:49:29

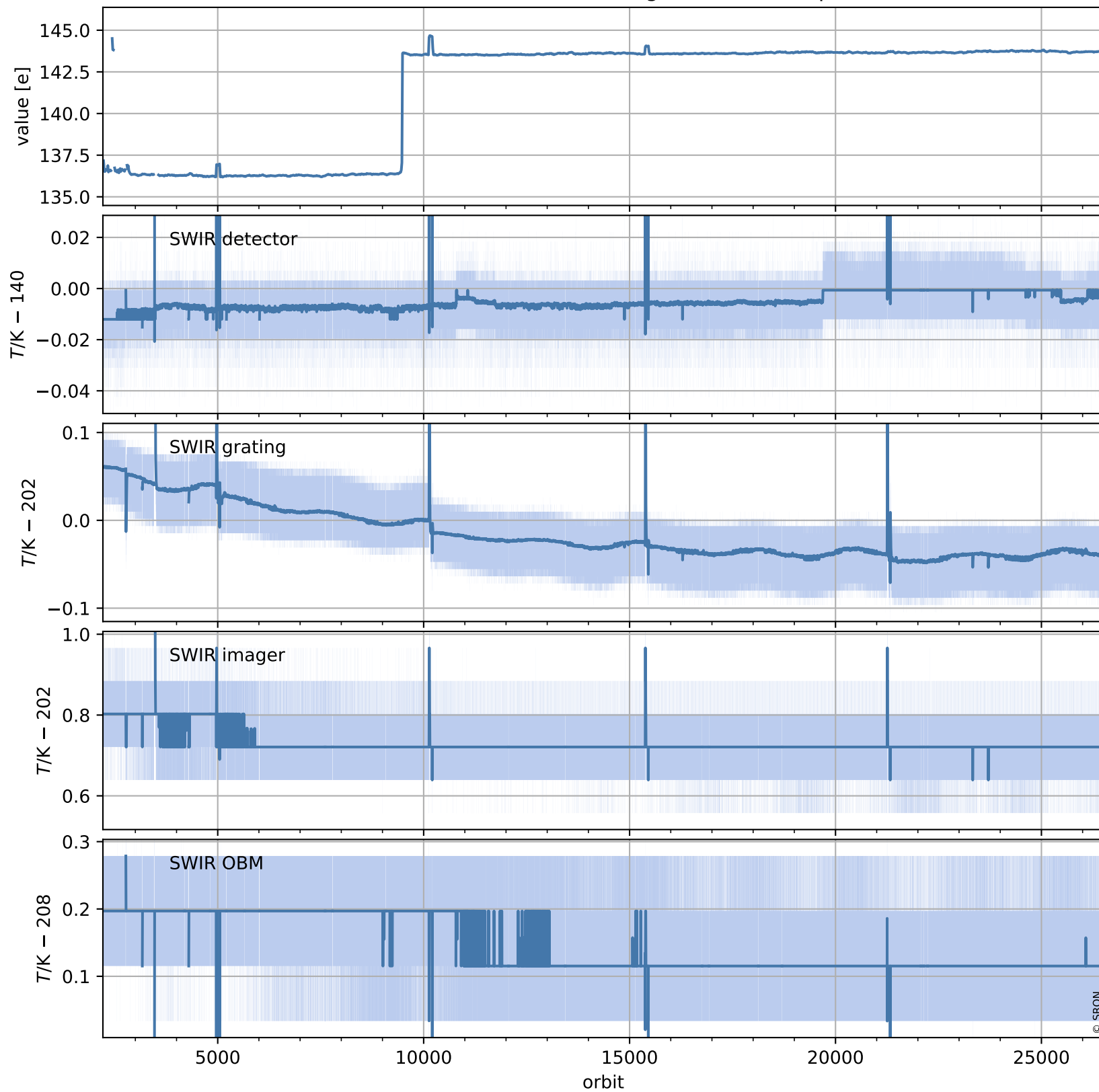
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26512]
coverage : 2018-03-18 / 2022-11-24
created : 2023-08-21T16:49:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26512]
coverage : 2018-03-18 / 2022-11-24
created : 2023-08-21T16:49:30

trend of normalized read-noise & temperatures

