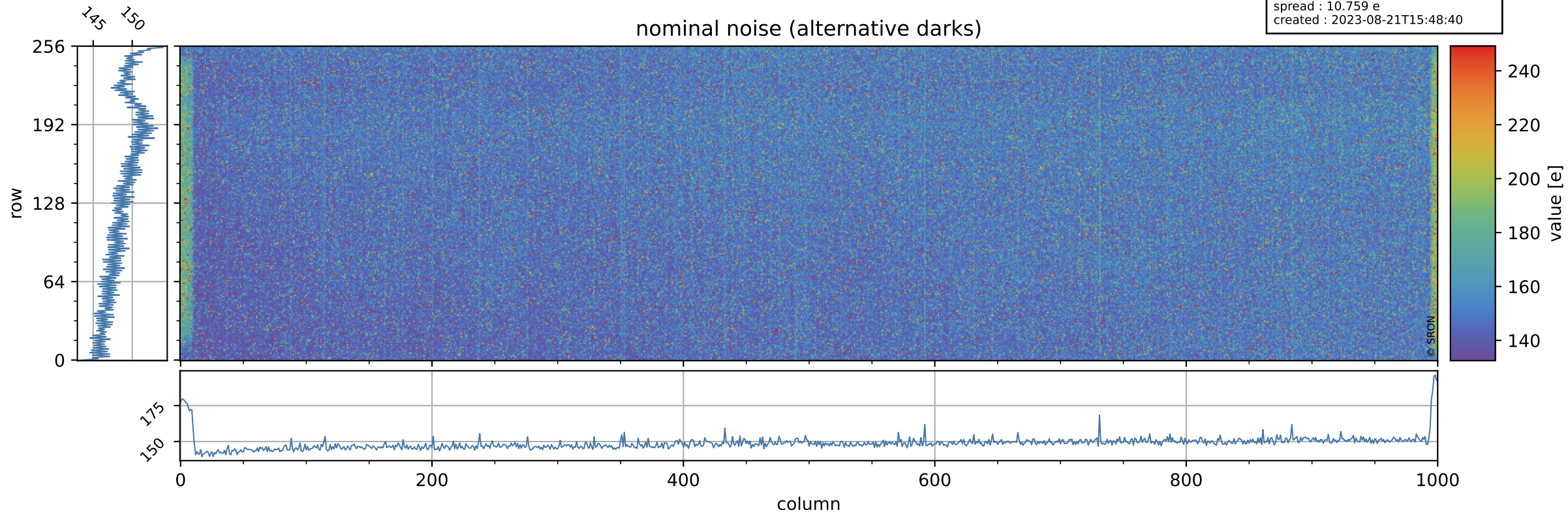


Tropomi SWIR background noise (swir)

orbits : 12 in [16522, 16612]
coverage : 2020-12-21 / 2020-12-27
n_coad, t_exp : 1, 1.0783
median : 148.66 e
spread : 10.759 e
created : 2023-08-21T15:48:40

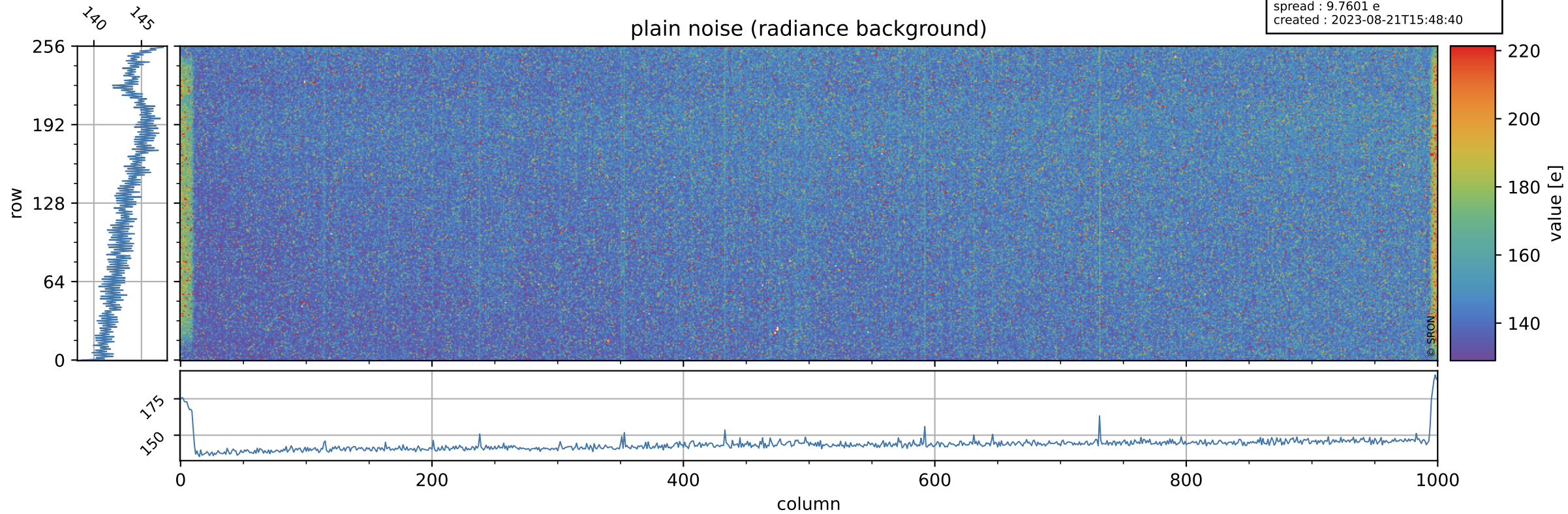
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16522, 16612]
coverage : 2020-12-21 / 2020-12-27
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7601 e
created : 2023-08-21T15:48:40

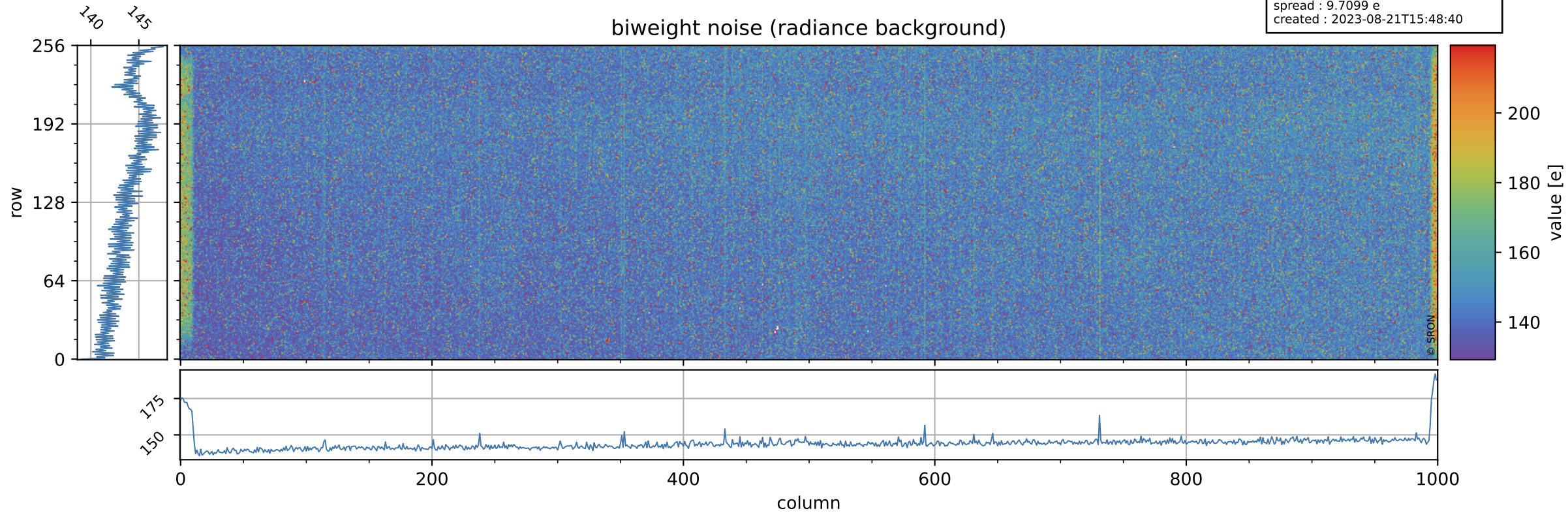
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16522, 16612]
coverage : 2020-12-21 / 2020-12-27
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7099 e
created : 2023-08-21T15:48:40

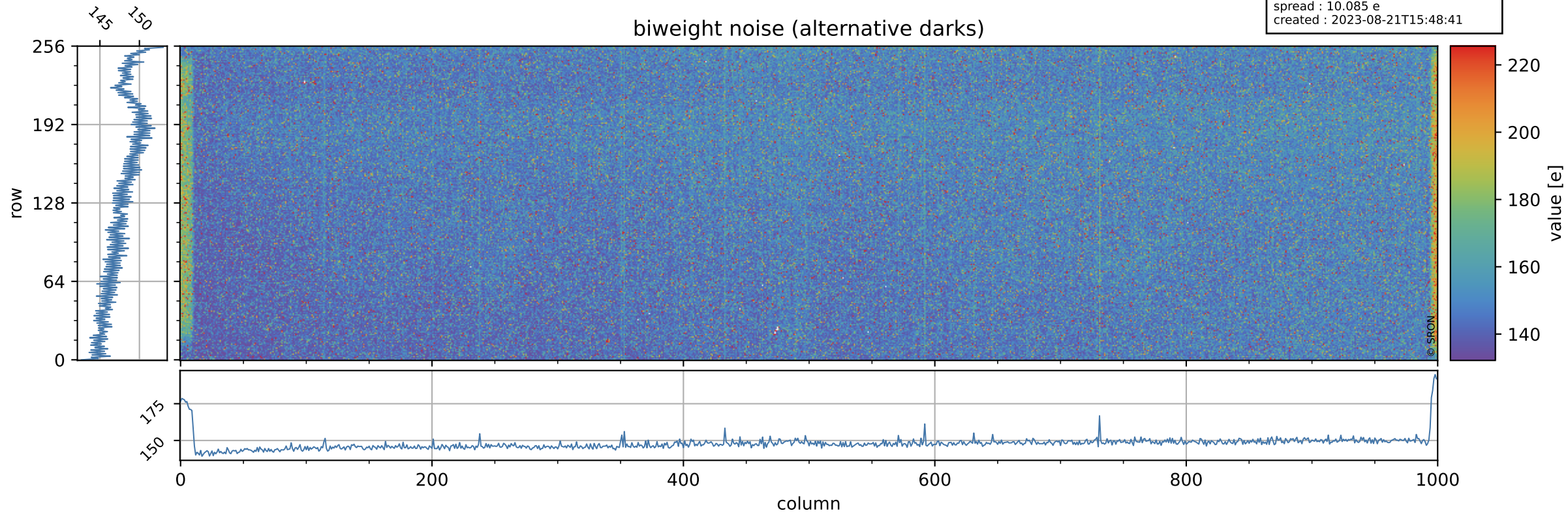
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16522, 16612]
coverage : 2020-12-21 / 2020-12-27
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.085 e
created : 2023-08-21T15:48:41

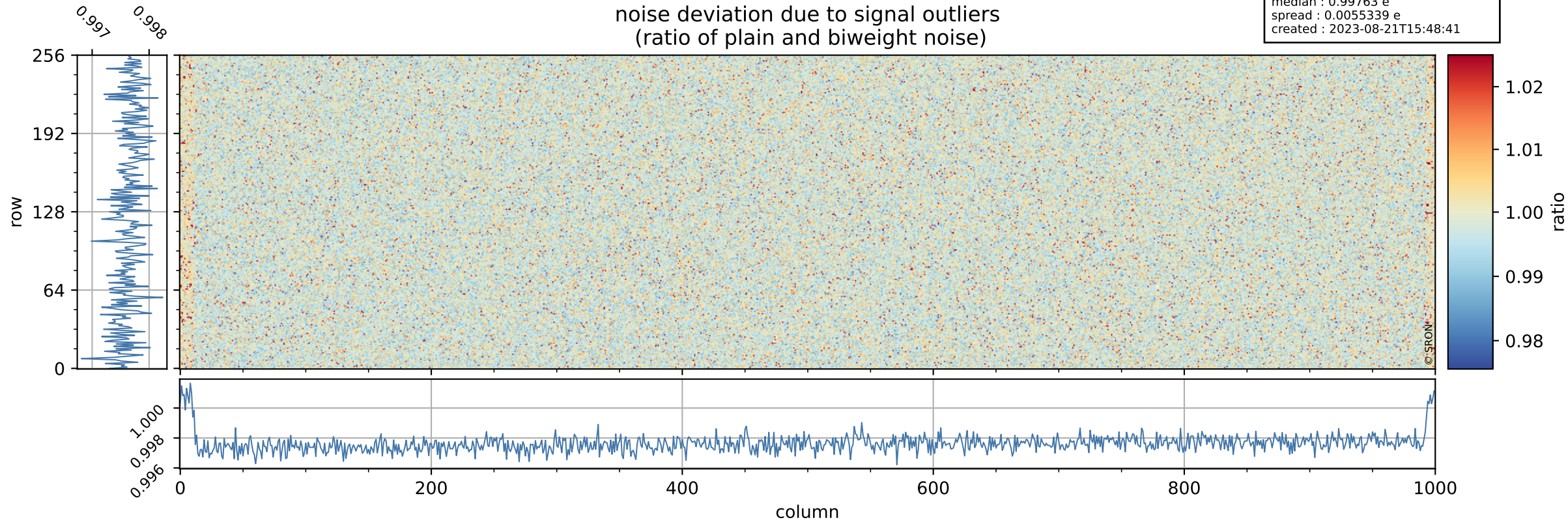
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

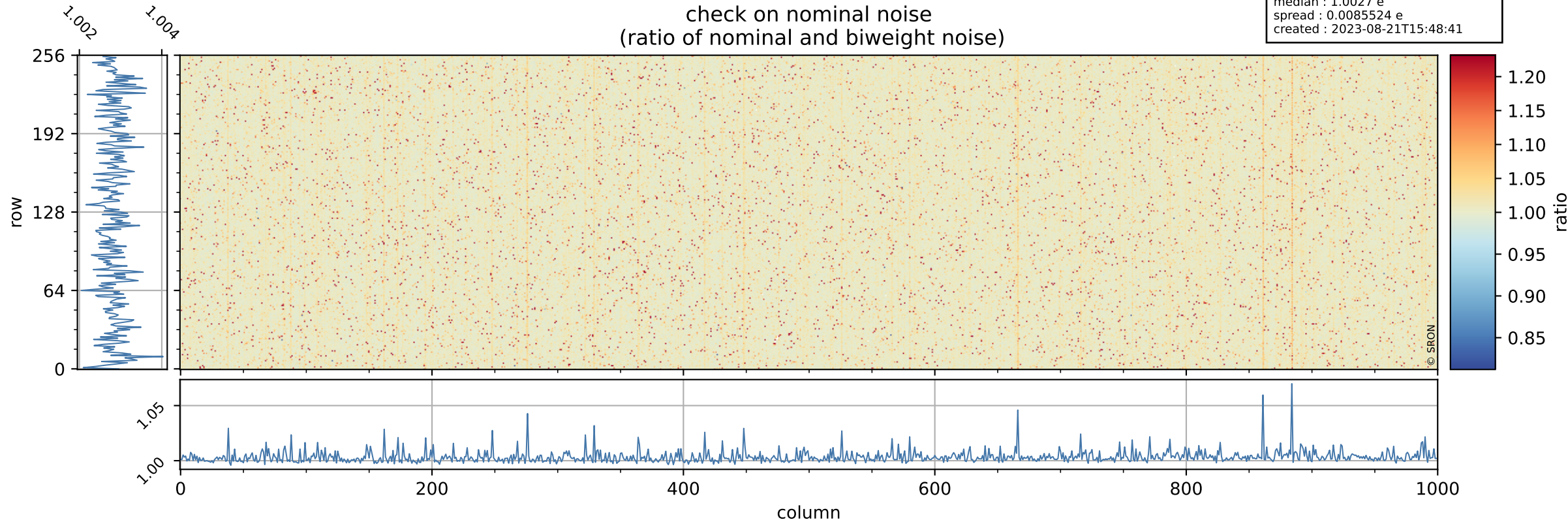
orbits : 12 in [16522, 16612]
coverage : 2020-12-21 / 2020-12-27
median : 0.99763 e
spread : 0.0055339 e
created : 2023-08-21T15:48:41



Tropomi SWIR background noise (swir)

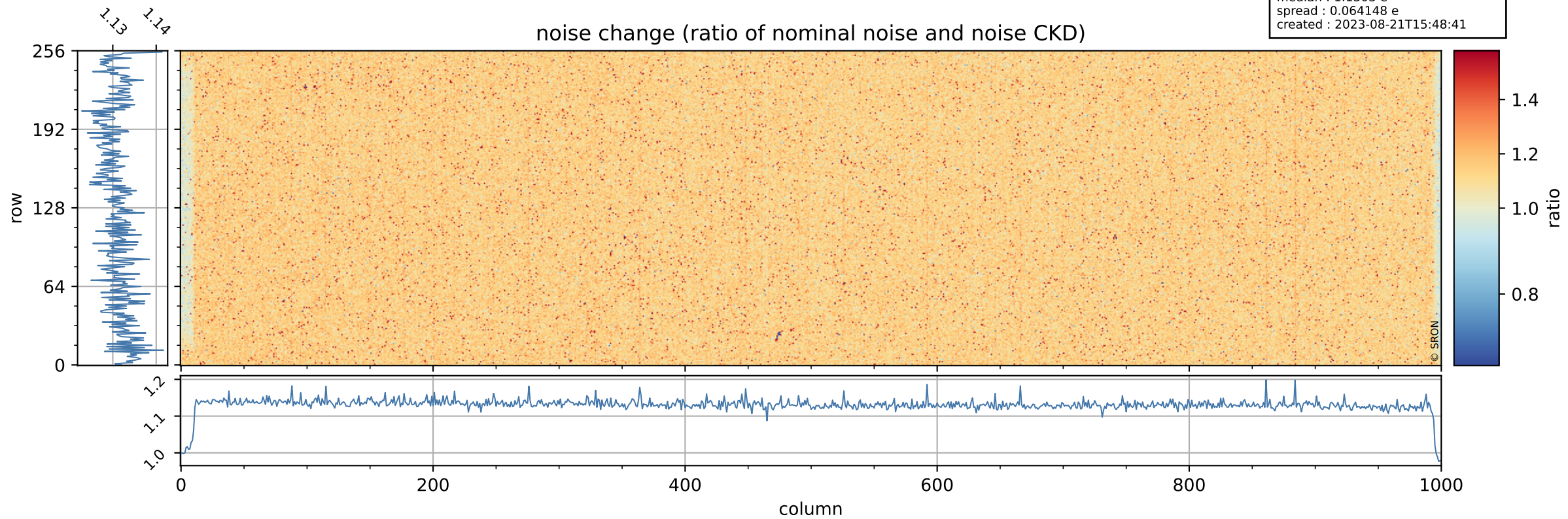
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [16522, 16612]
coverage : 2020-12-21 / 2020-12-27
median : 1.0027 e
spread : 0.0085524 e
created : 2023-08-21T15:48:41



Tropomi SWIR background noise (swir)

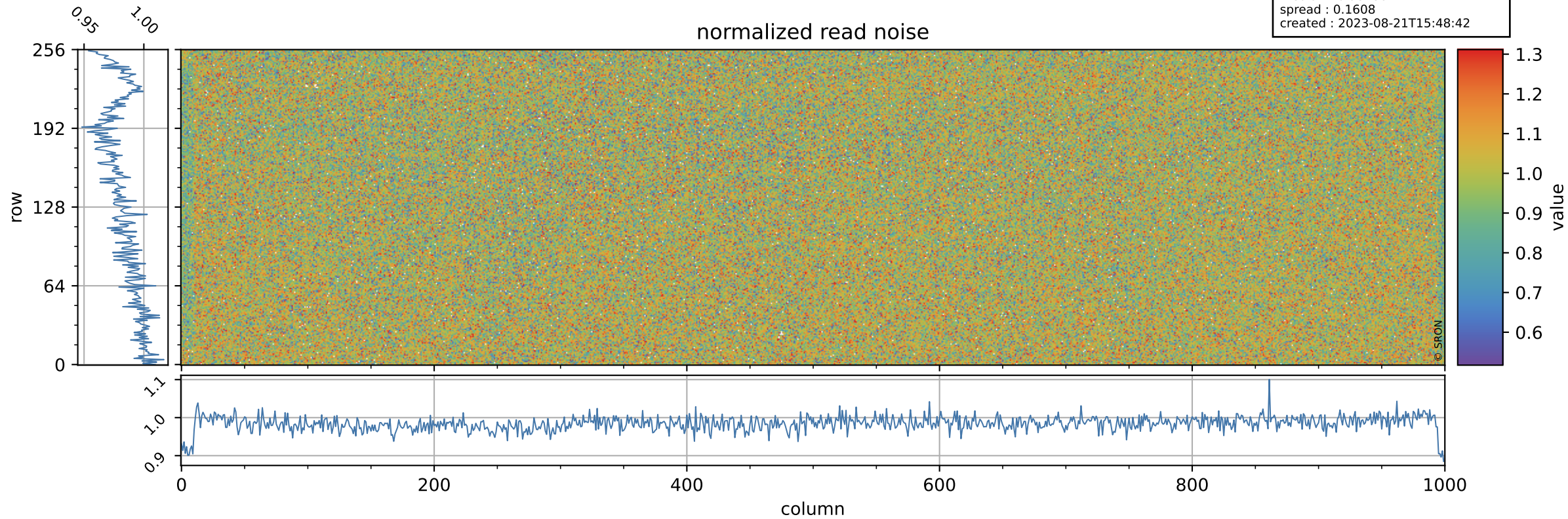
orbits : 12 in [16522, 16612]
coverage : 2020-12-21 / 2020-12-27
median : 1.1303 e
spread : 0.064148 e
created : 2023-08-21T15:48:41



Tropomi SWIR background noise (swir)

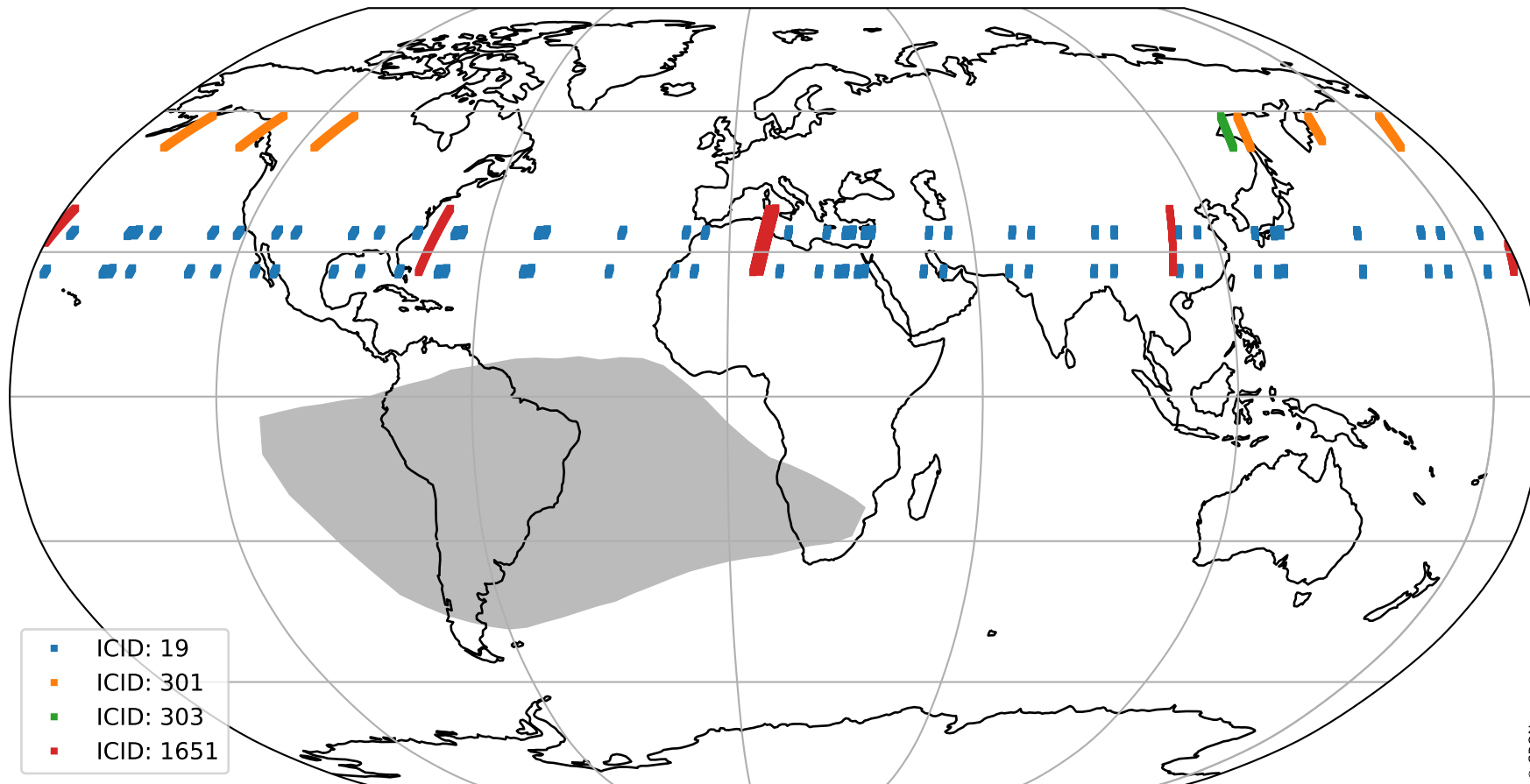
orbits : 12 in [16522, 16612]
coverage : 2020-12-21 / 2020-12-27
median : 0.98286
spread : 0.1608
created : 2023-08-21T15:48:42

normalized read noise



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

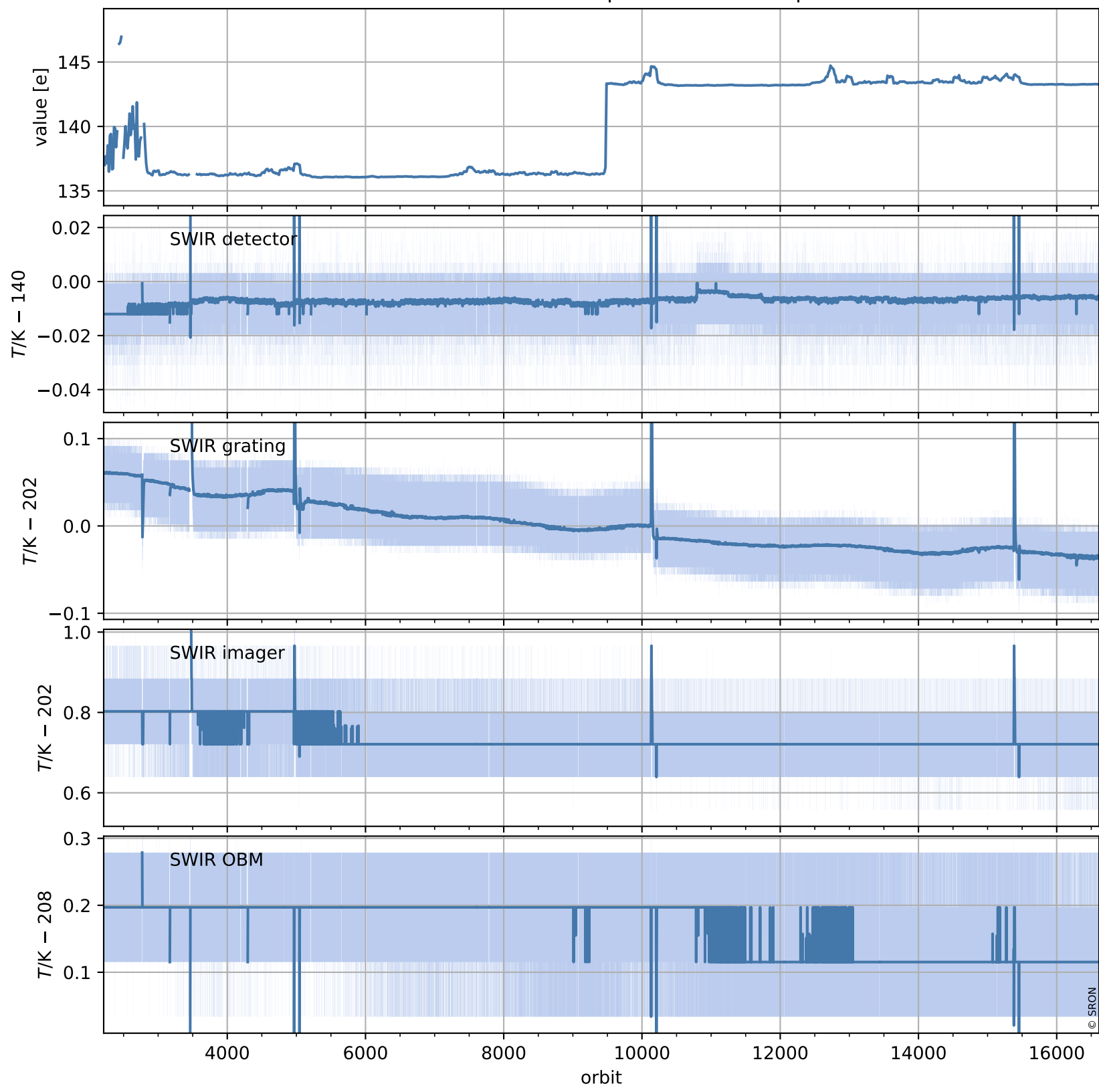
orbits : 12 in [16522, 16612]
coverage : 2020-12-21 / 2020-12-27
created : 2023-08-21T15:48:42



Tropomi SWIR background noise (swir)

orbits : [2212, 16612]
coverage : 2018-03-18 / 2020-12-27
created : 2023-08-21T15:48:42

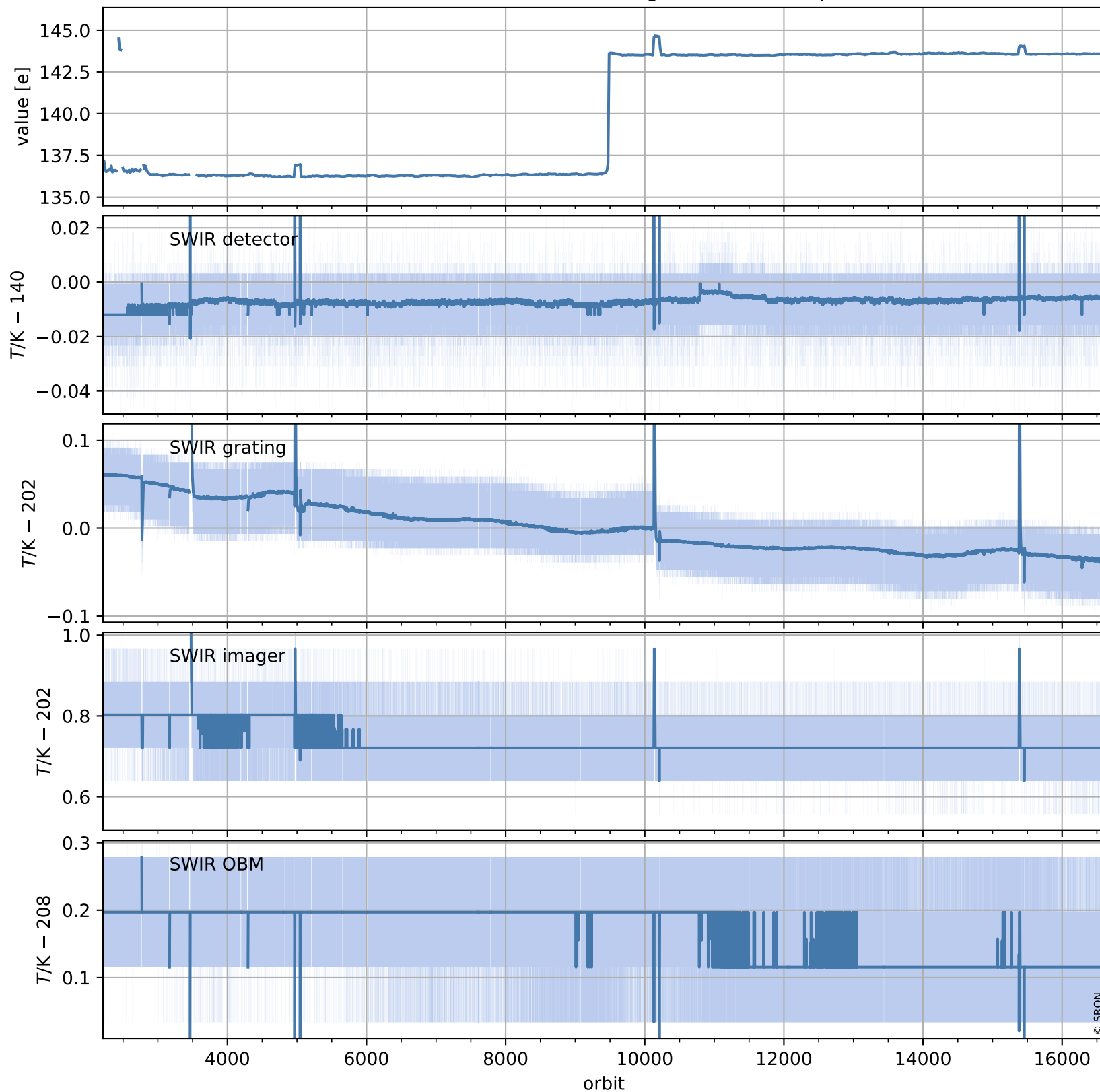
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16612]
coverage : 2018-03-18 / 2020-12-27
created : 2023-08-21T15:48:43

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16612]
coverage : 2018-03-18 / 2020-12-27
created : 2023-08-21T15:48:44

trend of normalized read-noise & temperatures

