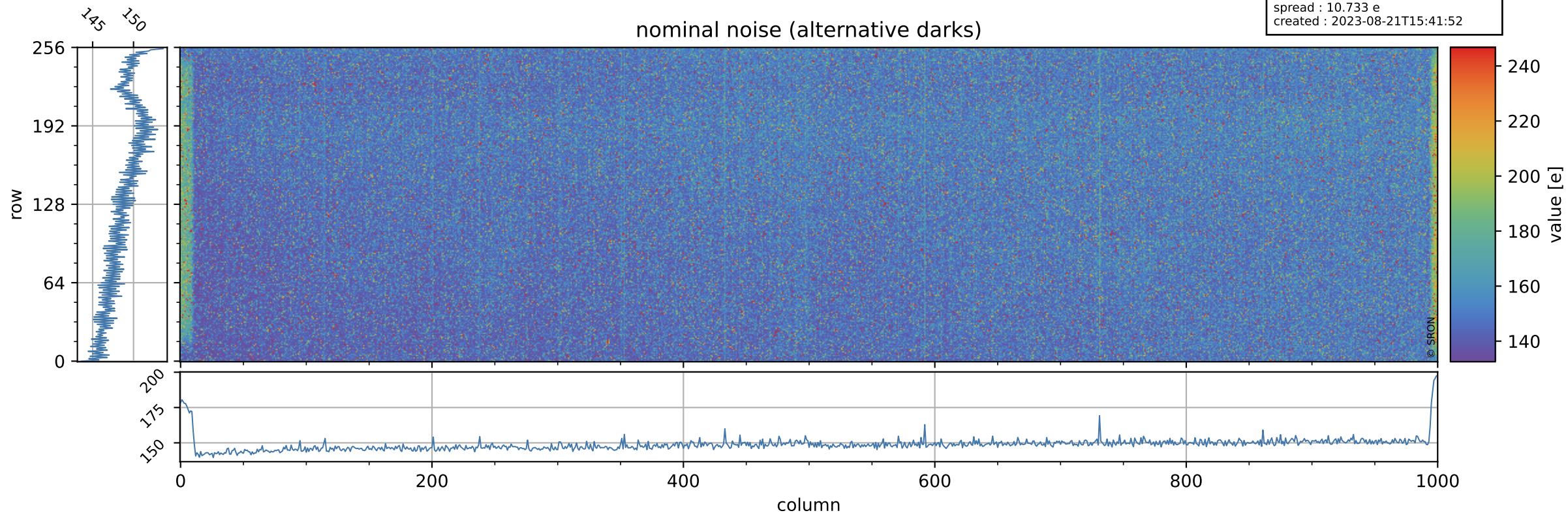


Tropomi SWIR background noise (swir)

orbits : 12 in [15337, 15412]
coverage : 2020-09-27 / 2020-10-03
n_coad, t_exp : 1, 1.0783
median : 148.64 e
spread : 10.733 e
created : 2023-08-21T15:41:52

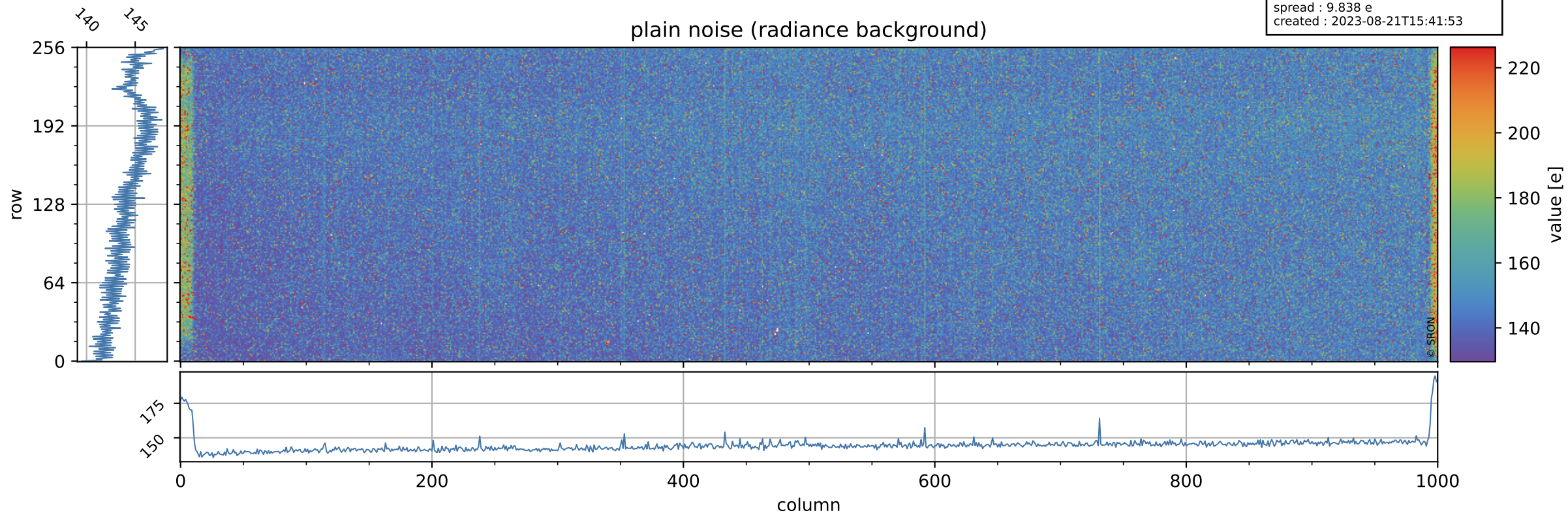
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15337, 15412]
coverage : 2020-09-27 / 2020-10-03
n_coad, t_exp : 1, 0.8383
median : 144.1 e
spread : 9.838 e
created : 2023-08-21T15:41:53

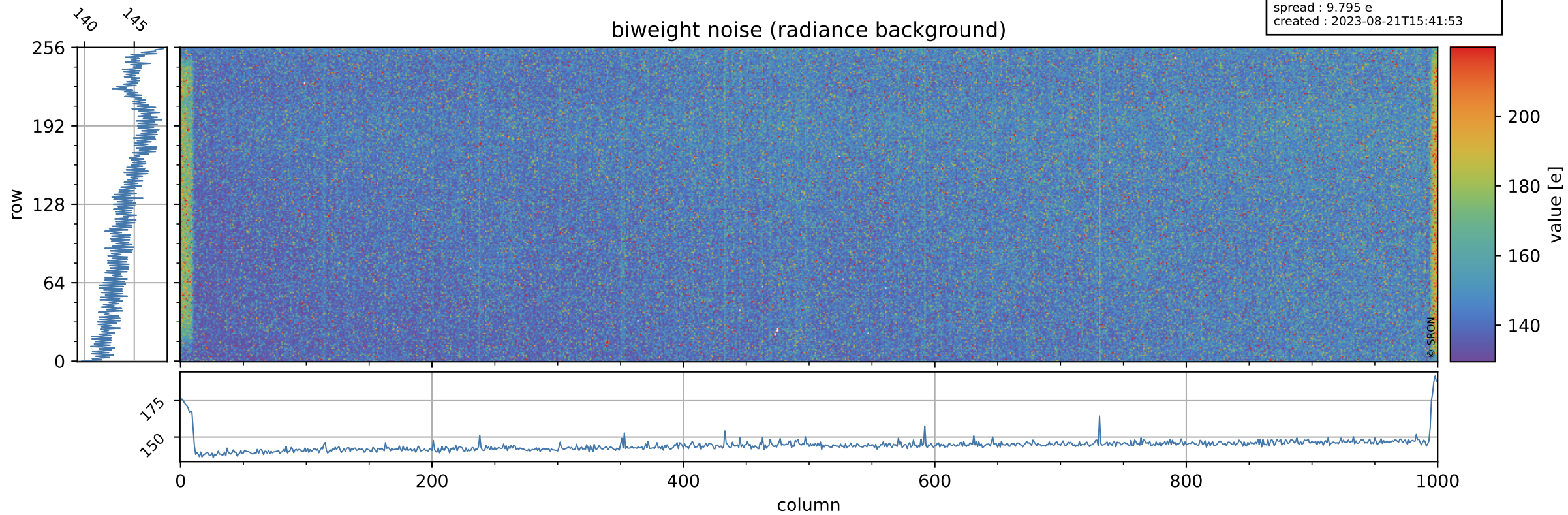
plain noise (radiance background)



Tropomi SWIR background noise (swir)

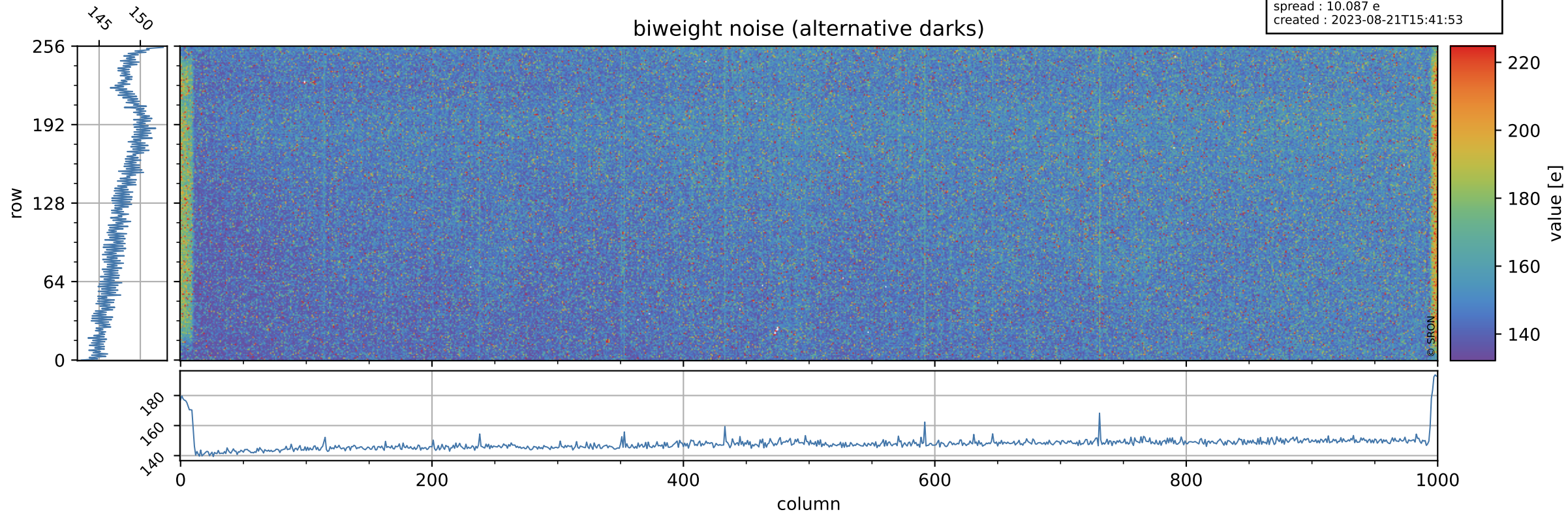
orbits : 12 in [15337, 15412]
coverage : 2020-09-27 / 2020-10-03
n_coad, t_exp : 1, 0.8383
median : 144.19 e
spread : 9.795 e
created : 2023-08-21T15:41:53

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

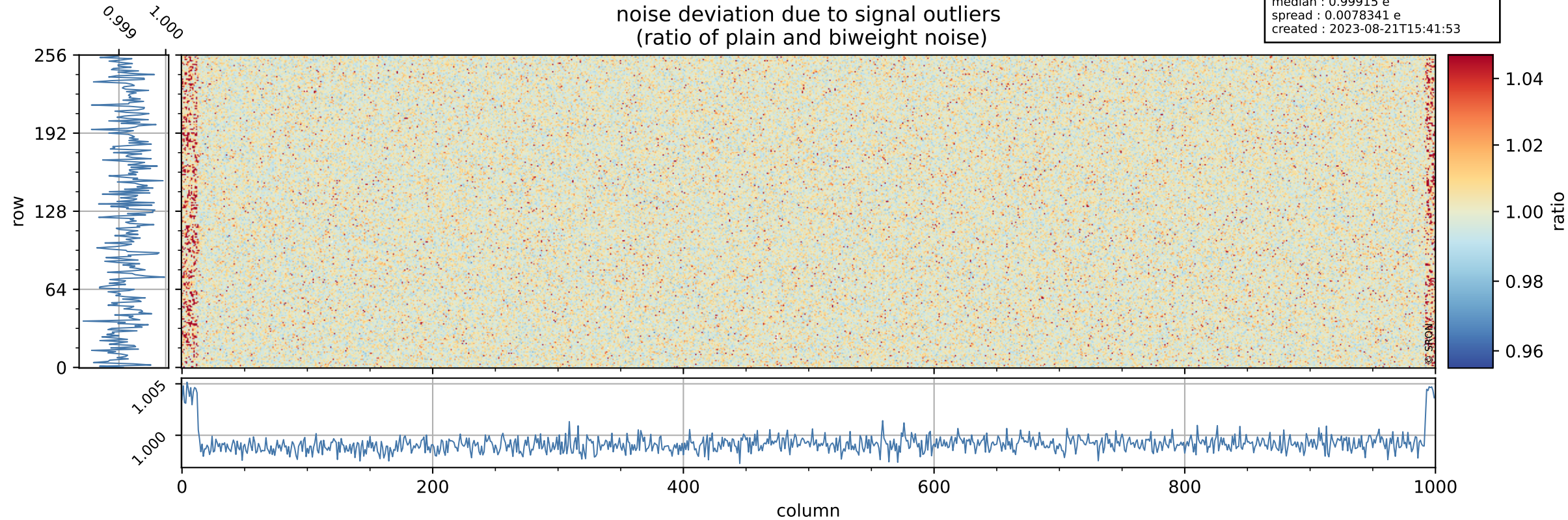
orbits : 12 in [15337, 15412]
coverage : 2020-09-27 / 2020-10-03
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.087 e
created : 2023-08-21T15:41:53



Tropomi SWIR background noise (swir)

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

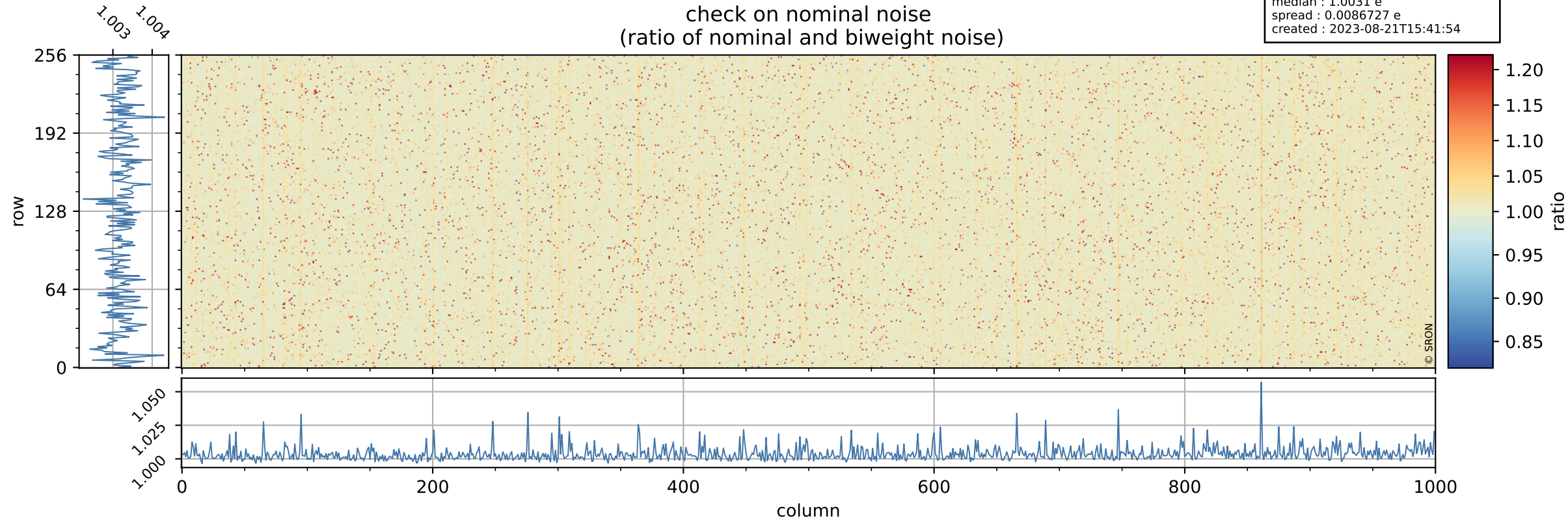
orbits : 12 in [15337, 15412]
coverage : 2020-09-27 / 2020-10-03
median : 0.99915 e
spread : 0.0078341 e
created : 2023-08-21T15:41:53



Tropomi SWIR background noise (swir)

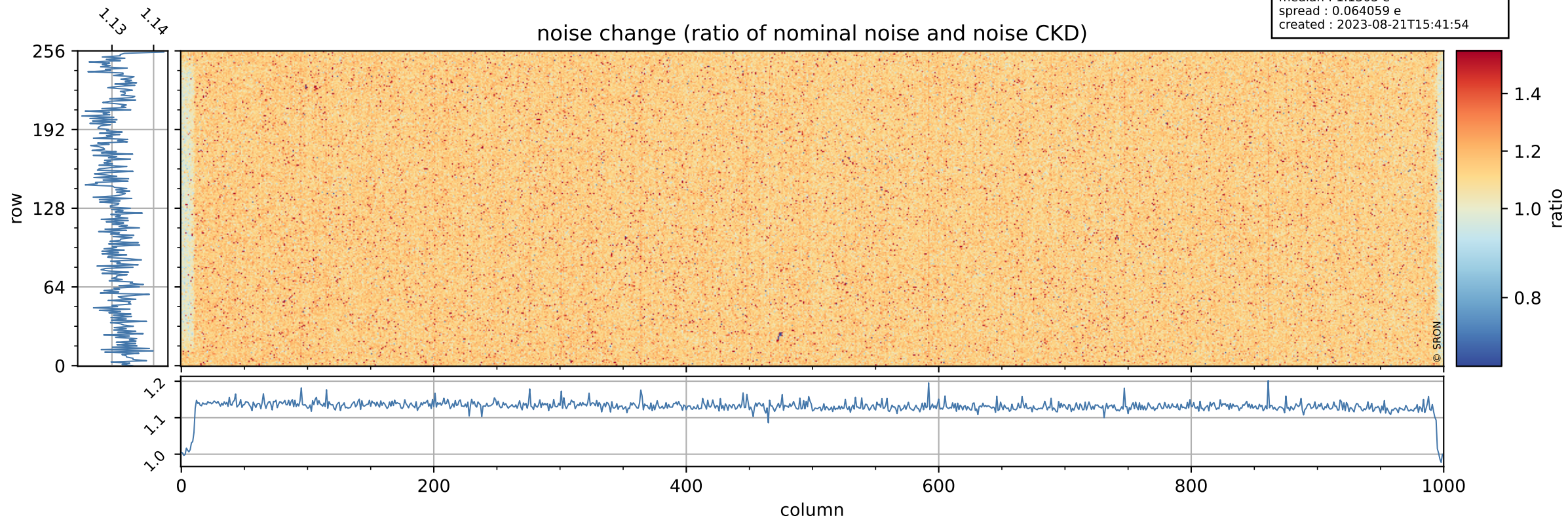
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15337, 15412]
coverage : 2020-09-27 / 2020-10-03
median : 1.0031 e
spread : 0.0086727 e
created : 2023-08-21T15:41:54



Tropomi SWIR background noise (swir)

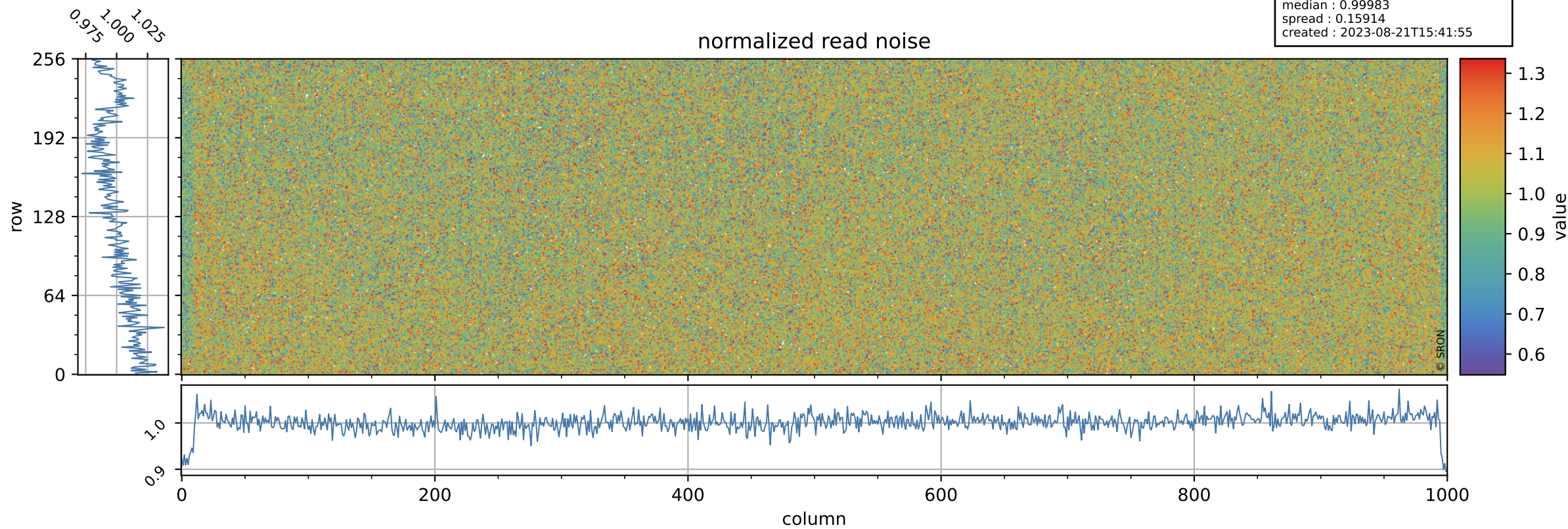
orbits : 12 in [15337, 15412]
coverage : 2020-09-27 / 2020-10-03
median : 1.1303 e
spread : 0.064059 e
created : 2023-08-21T15:41:54



Tropomi SWIR background noise (swir)

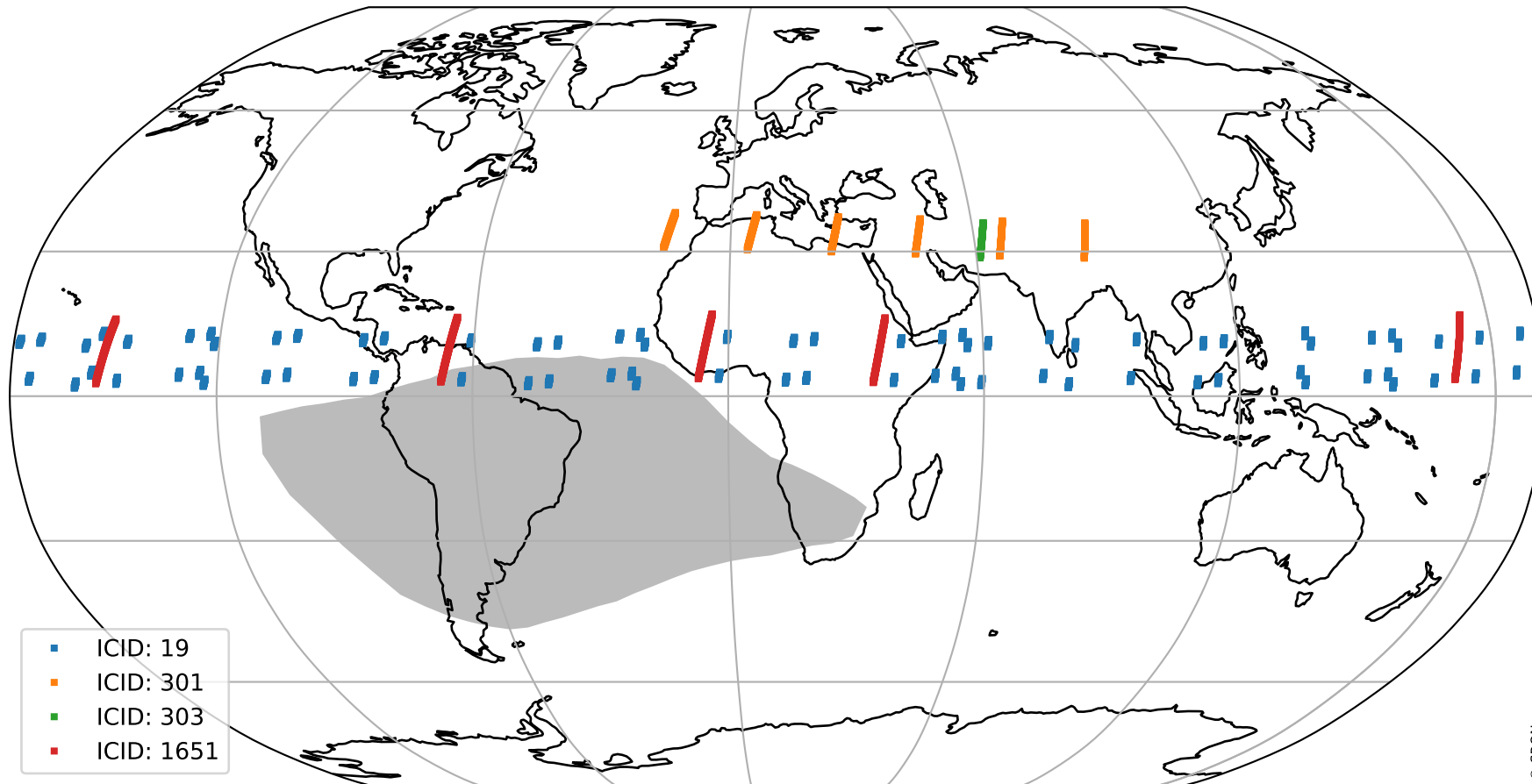
orbits : 12 in [15337, 15412]
coverage : 2020-09-27 / 2020-10-03
median : 0.99983
spread : 0.15914
created : 2023-08-21T15:41:55

normalized read noise



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

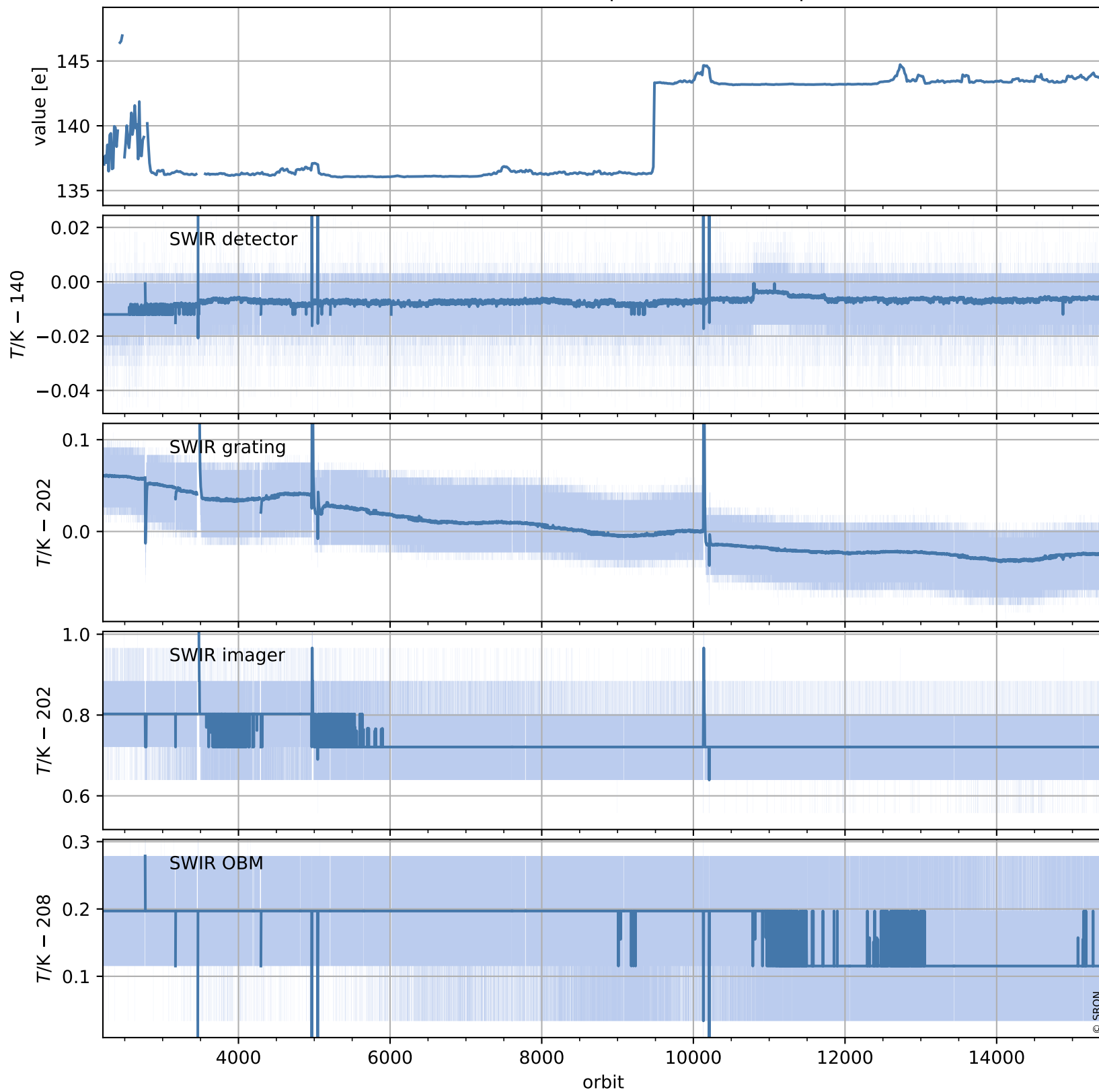
orbits : 12 in [15337, 15412]
coverage : 2020-09-27 / 2020-10-03
created : 2023-08-21T15:41:55



Tropomi SWIR background noise (swir)

orbits : [2212, 15412]
coverage : 2018-03-18 / 2020-10-03
created : 2023-08-21T15:41:55

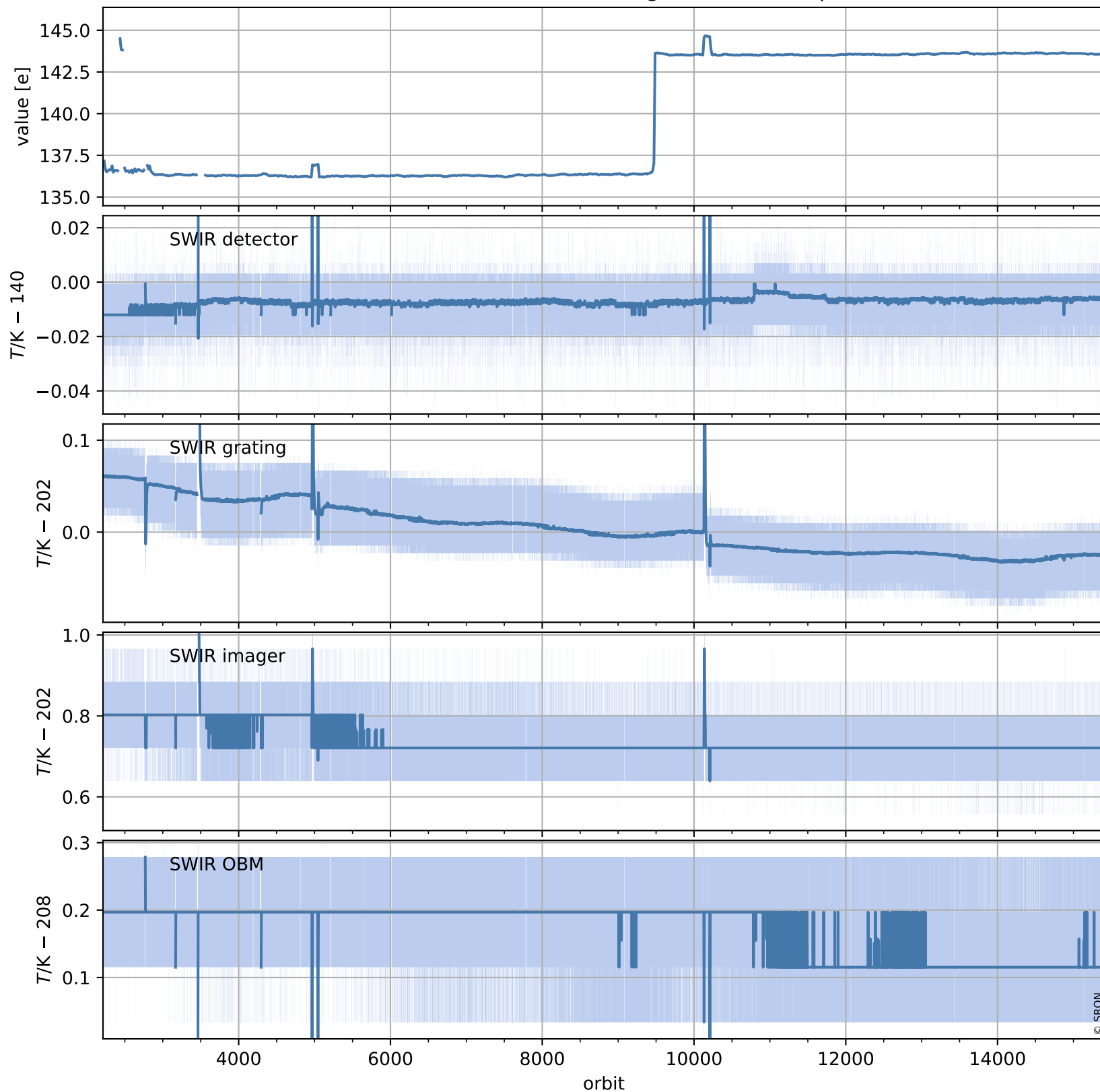
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15412]
coverage : 2018-03-18 / 2020-10-03
created : 2023-08-21T15:41:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15412]
coverage : 2018-03-18 / 2020-10-03
created : 2023-08-21T15:41:57

trend of normalized read-noise & temperatures

