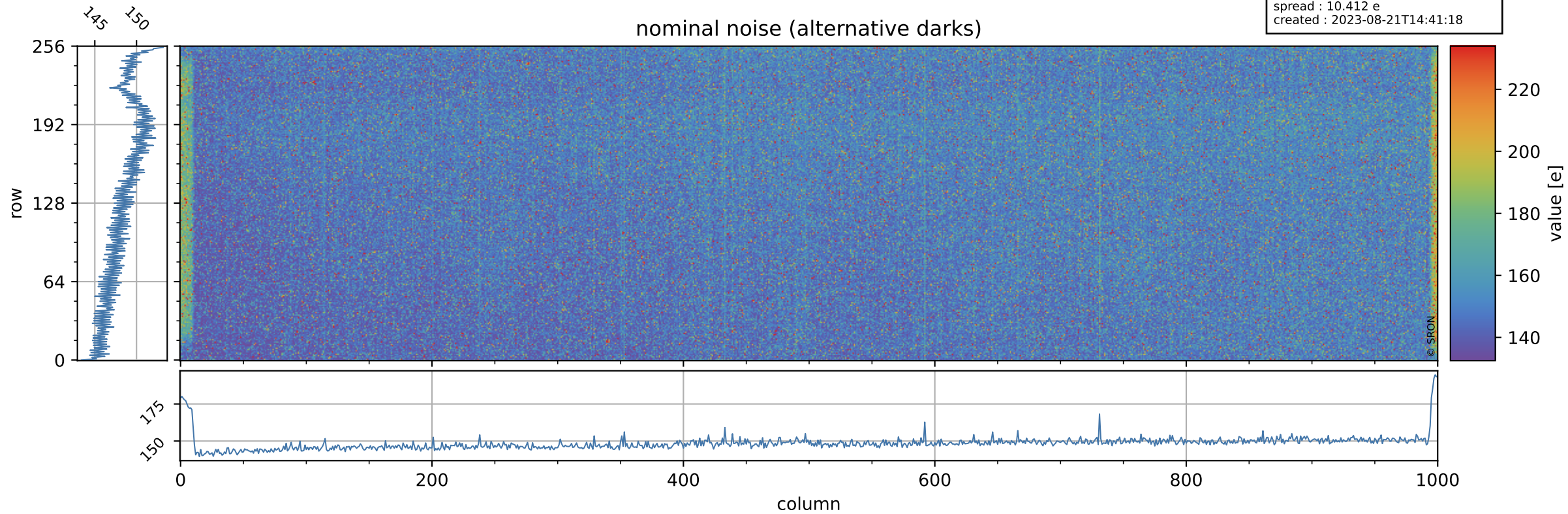


Tropomi SWIR background noise (swir)

orbits : 12 in [6277, 6367]
coverage : 2018-12-30 / 2019-01-05
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.412 e
created : 2023-08-21T14:41:18

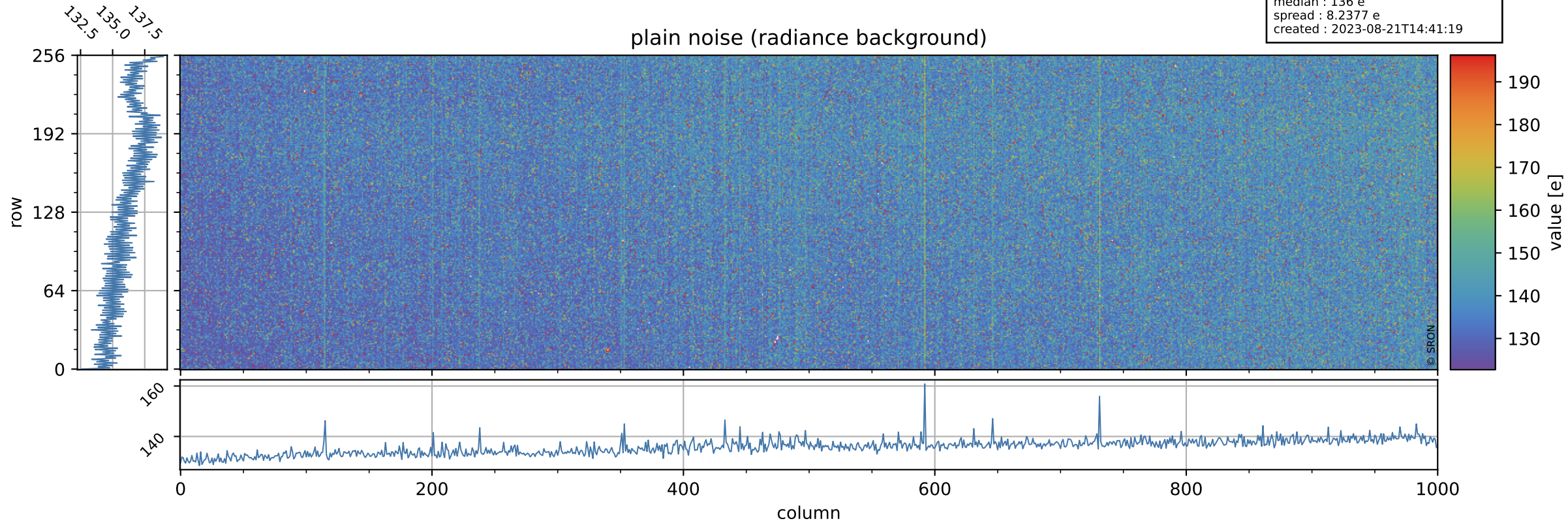
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6277, 6367]
coverage : 2018-12-30 / 2019-01-05
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2377 e
created : 2023-08-21T14:41:19

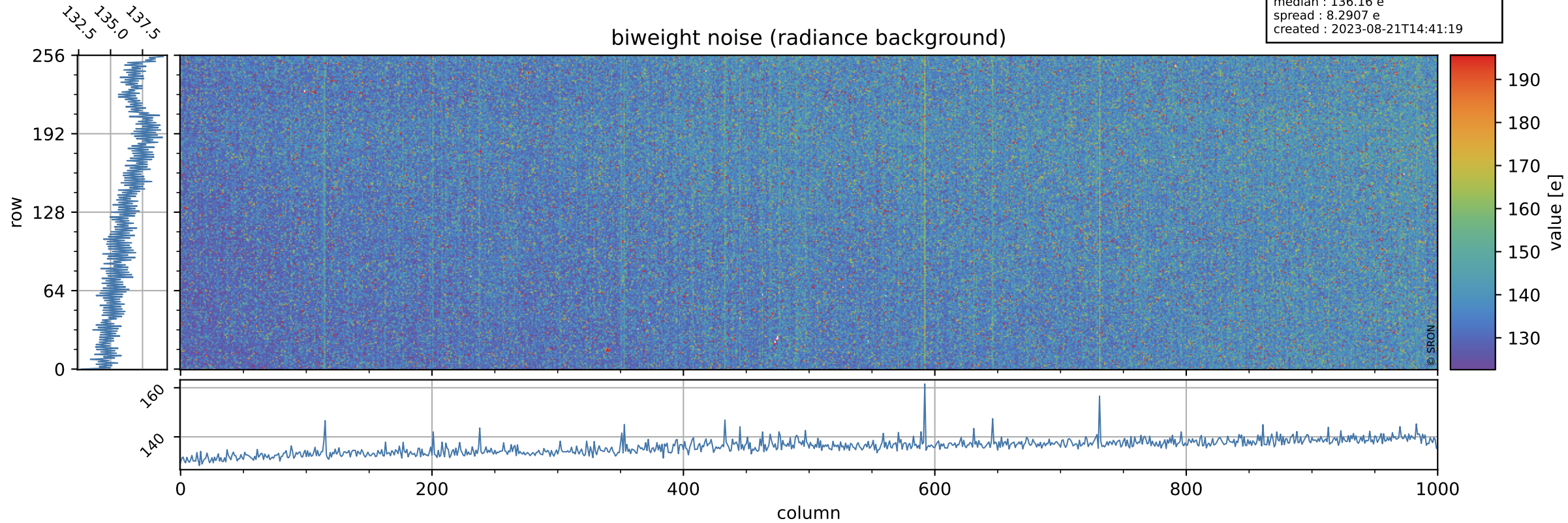
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6277, 6367]
coverage : 2018-12-30 / 2019-01-05
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.2907 e
created : 2023-08-21T14:41:19

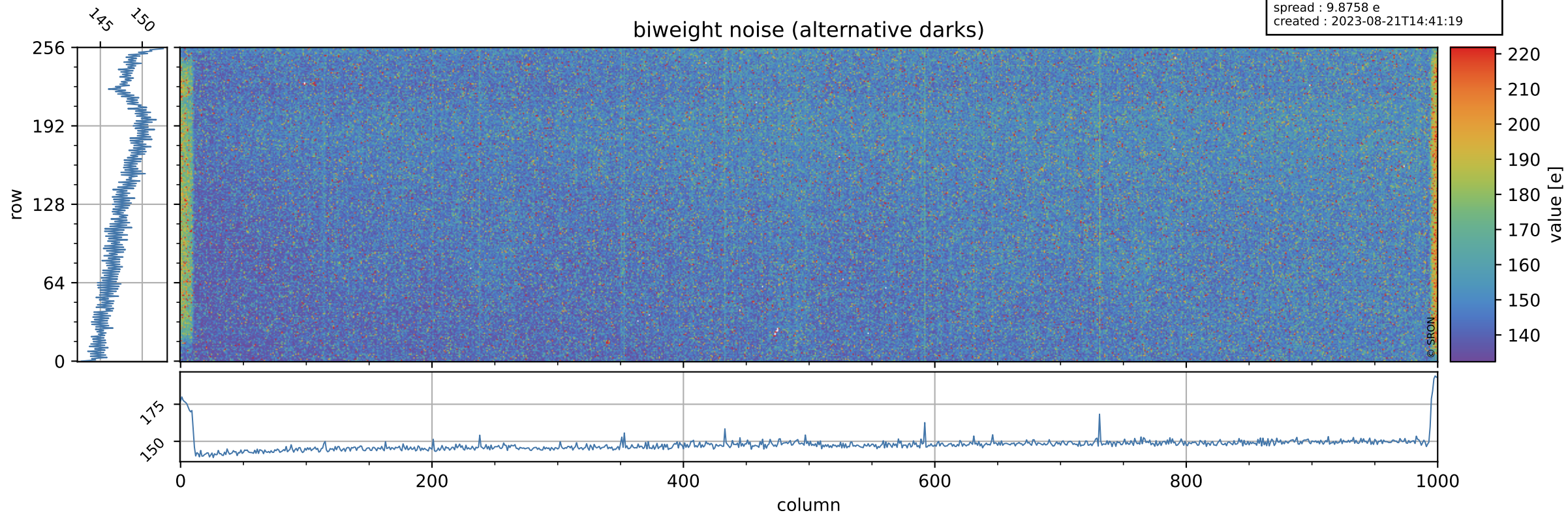
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6277, 6367]
coverage : 2018-12-30 / 2019-01-05
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.8758 e
created : 2023-08-21T14:41:19

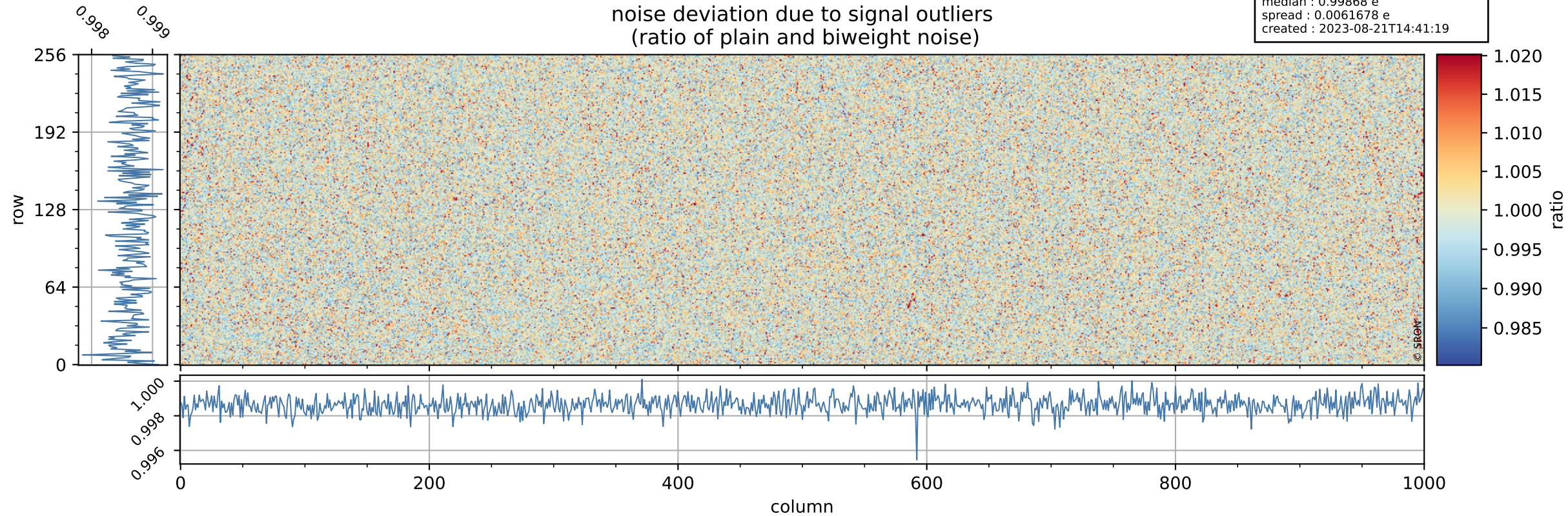
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

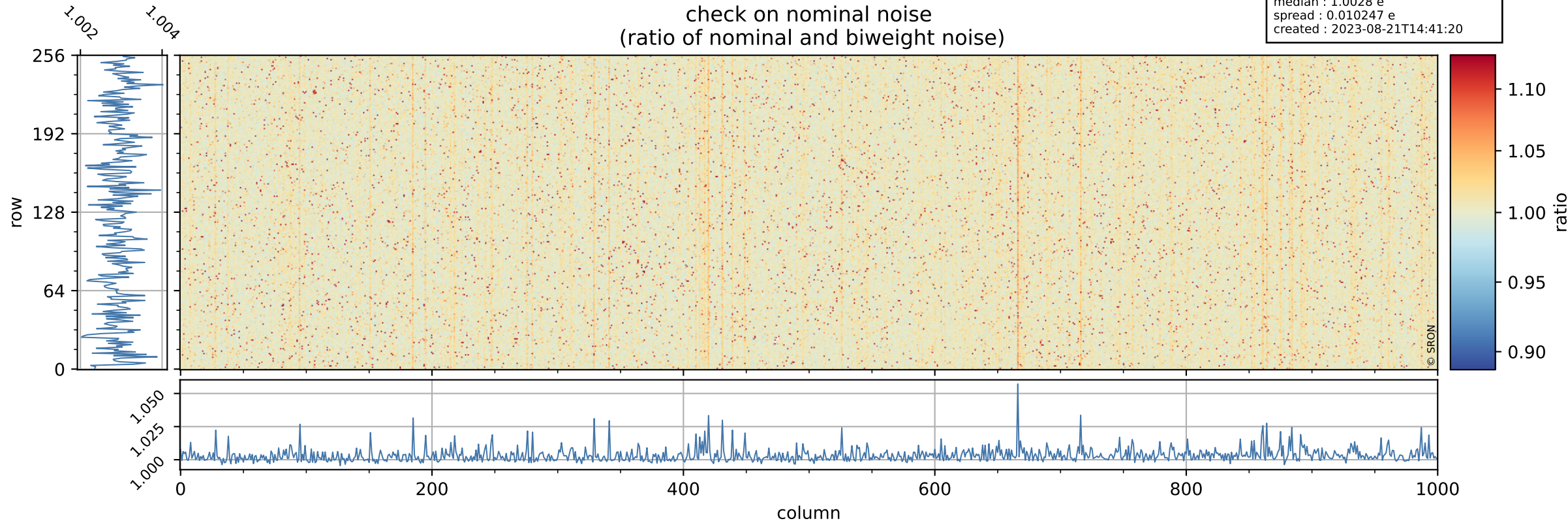
orbits : 12 in [6277, 6367]
coverage : 2018-12-30 / 2019-01-05
median : 0.99868 e
spread : 0.0061678 e
created : 2023-08-21T14:41:19



Tropomi SWIR background noise (swir)

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

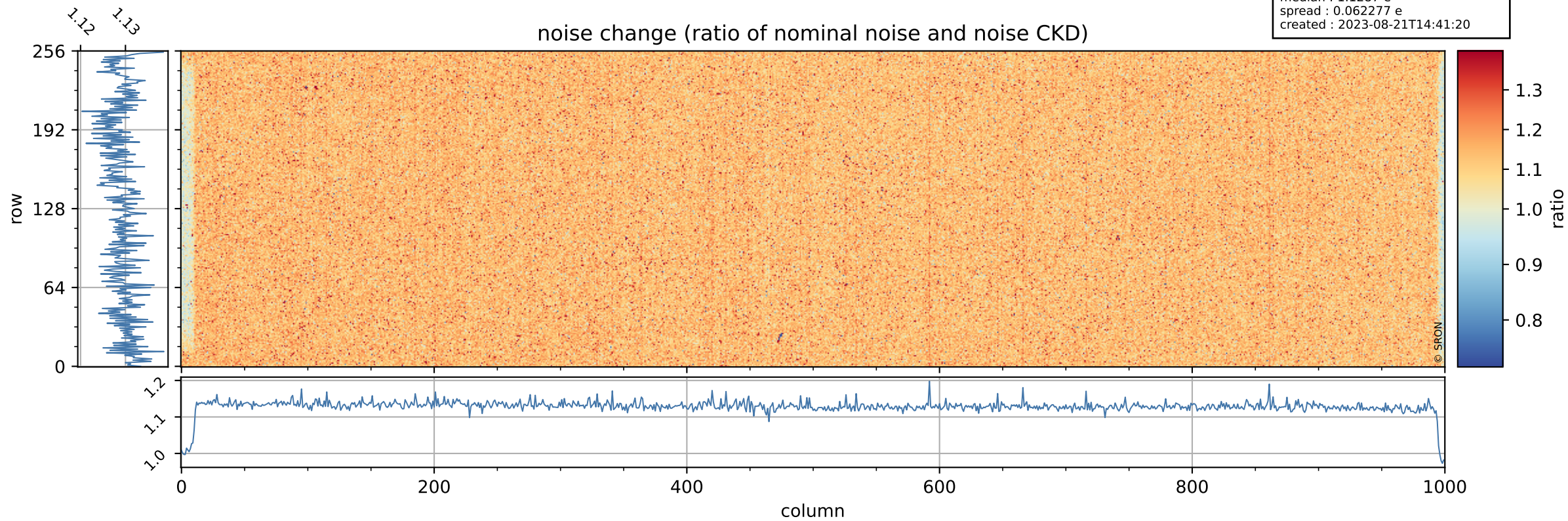
orbits : 12 in [6277, 6367]
coverage : 2018-12-30 / 2019-01-05
median : 1.0028 e
spread : 0.010247 e
created : 2023-08-21T14:41:20



Tropomi SWIR background noise (swir)

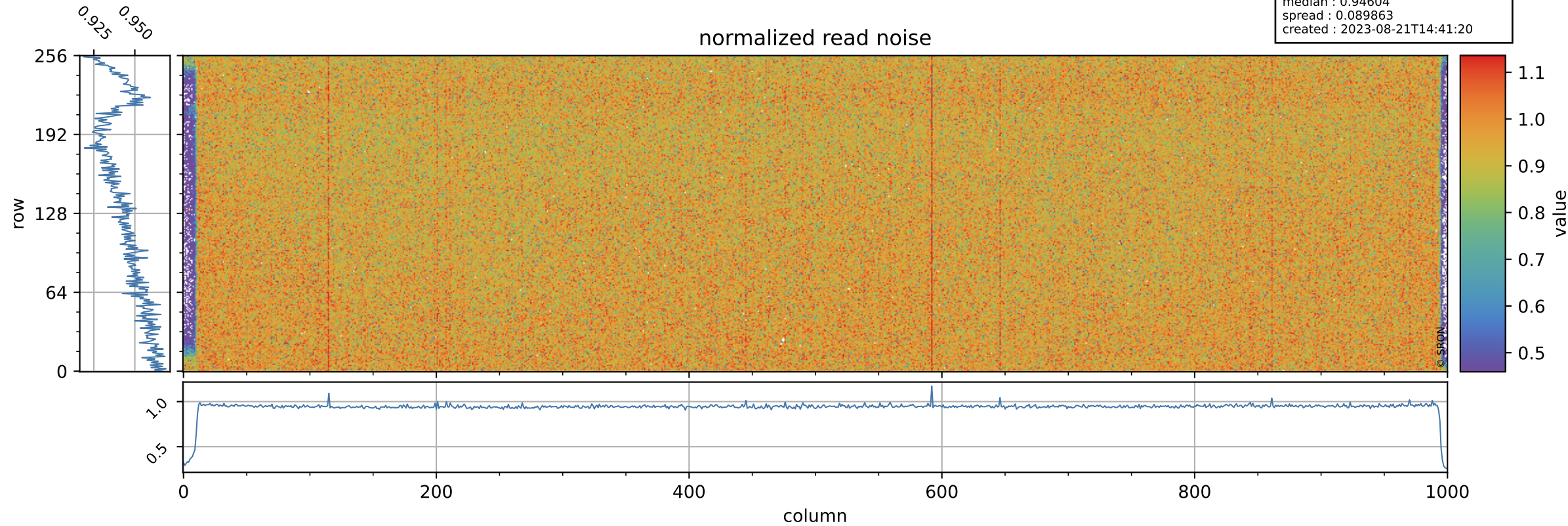
orbits : 12 in [6277, 6367]
coverage : 2018-12-30 / 2019-01-05
median : 1.1287 e
spread : 0.062277 e
created : 2023-08-21T14:41:20

noise change (ratio of nominal noise and noise CKD)



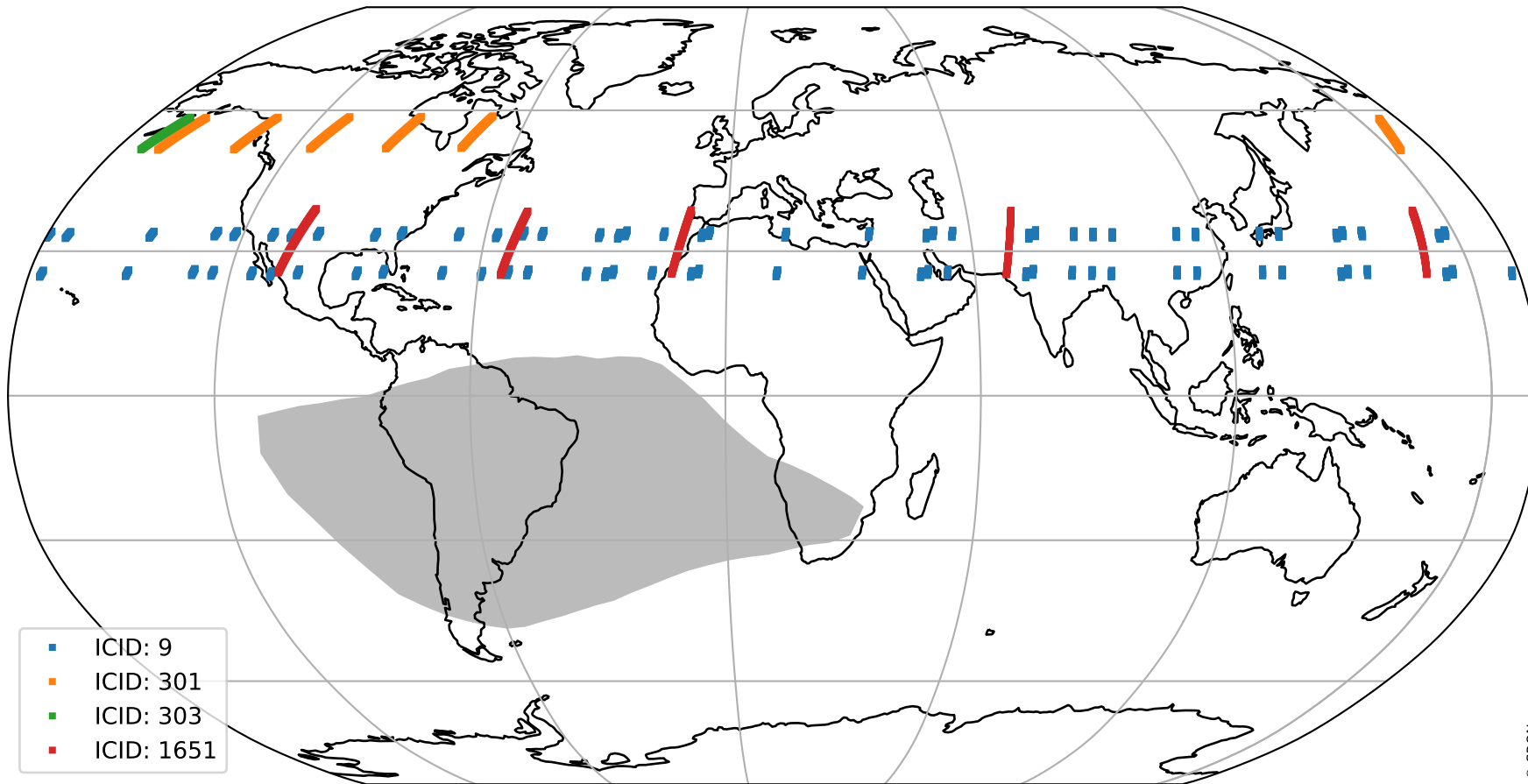
Tropomi SWIR background noise (swir)

orbits : 12 in [6277, 6367]
coverage : 2018-12-30 / 2019-01-05
median : 0.94604
spread : 0.089863
created : 2023-08-21T14:41:20



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

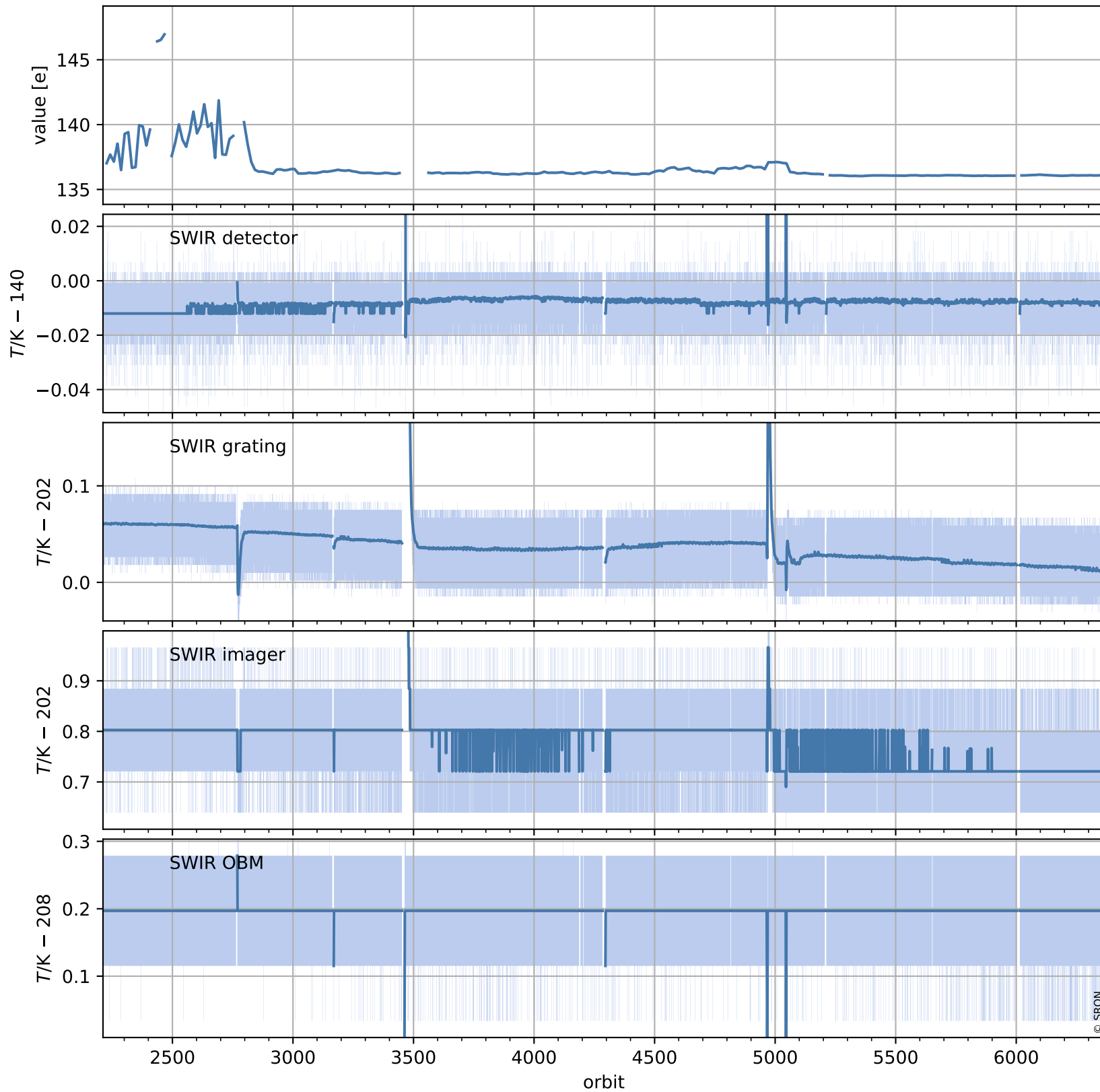
orbits : 12 in [6277, 6367]
coverage : 2018-12-30 / 2019-01-05
created : 2023-08-21T14:41:21



Tropomi SWIR background noise (swir)

orbits : [2212, 6367]
coverage : 2018-03-18 / 2019-01-05
created : 2023-08-21T14:41:21

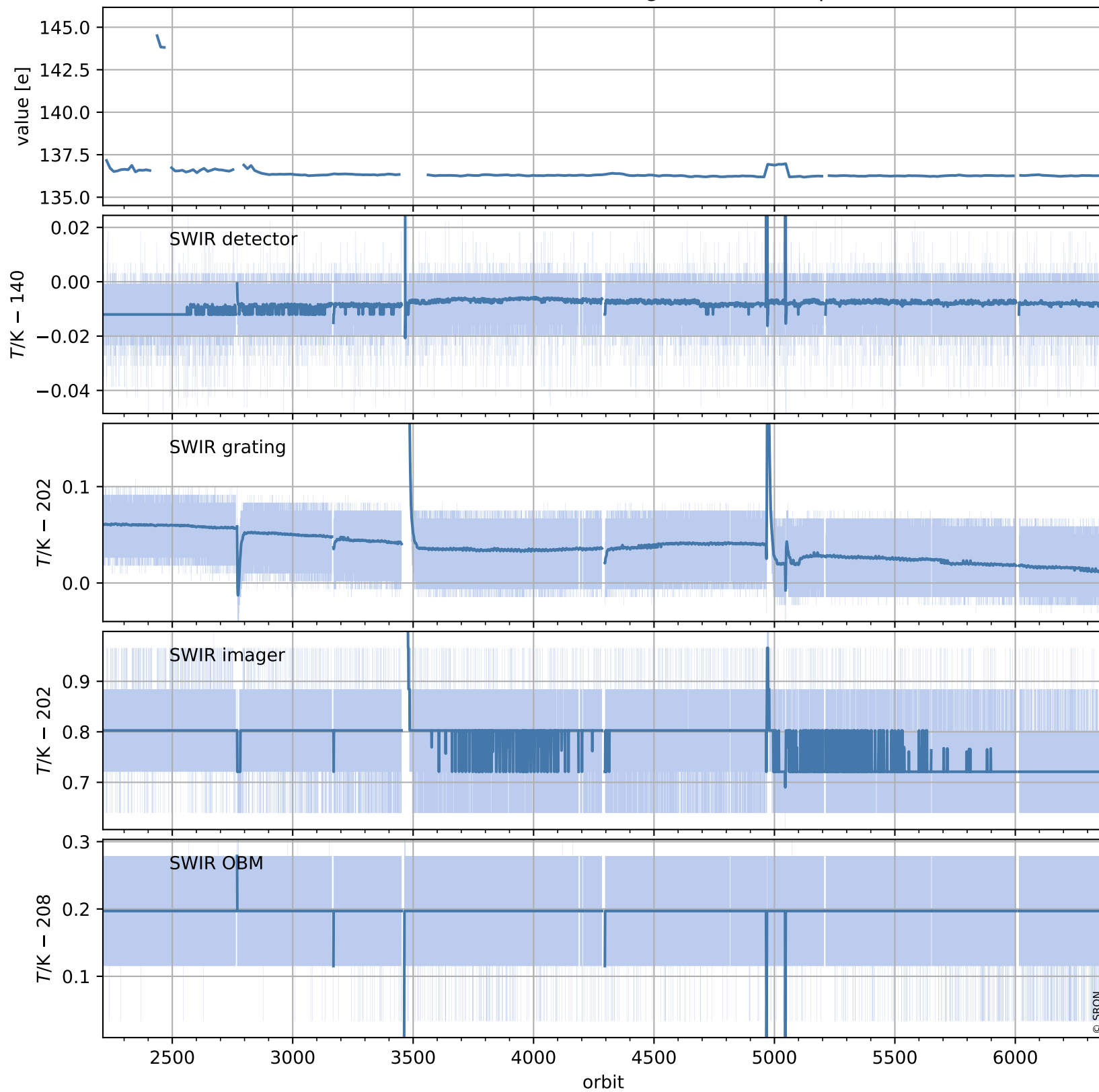
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6367]
coverage : 2018-03-18 / 2019-01-05
created : 2023-08-21T14:41:22

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6367]
coverage : 2018-03-18 / 2019-01-05
created : 2023-08-21T14:41:22

trend of normalized read-noise & temperatures

