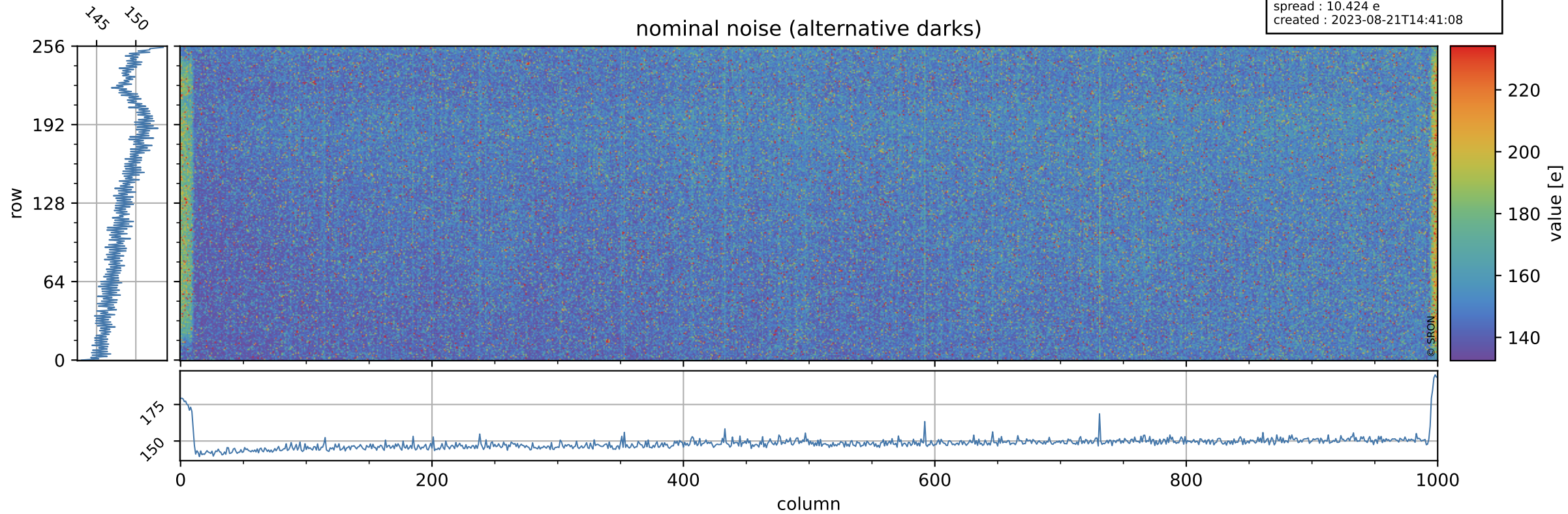


Tropomi SWIR background noise (swir)

orbits : 12 in [6247, 6337]
coverage : 2018-12-28 / 2019-01-03
n_coad, t_exp : 1, 1.0783
median : 148.37 e
spread : 10.424 e
created : 2023-08-21T14:41:08

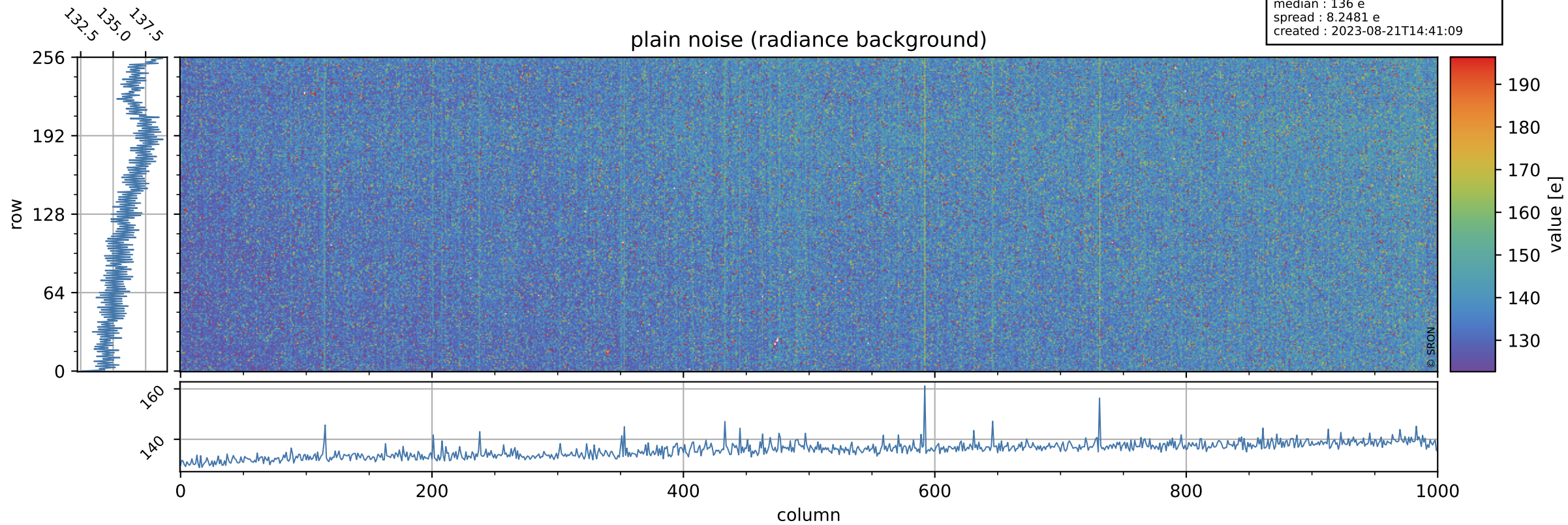
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6247, 6337]
coverage : 2018-12-28 / 2019-01-03
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2481 e
created : 2023-08-21T14:41:09

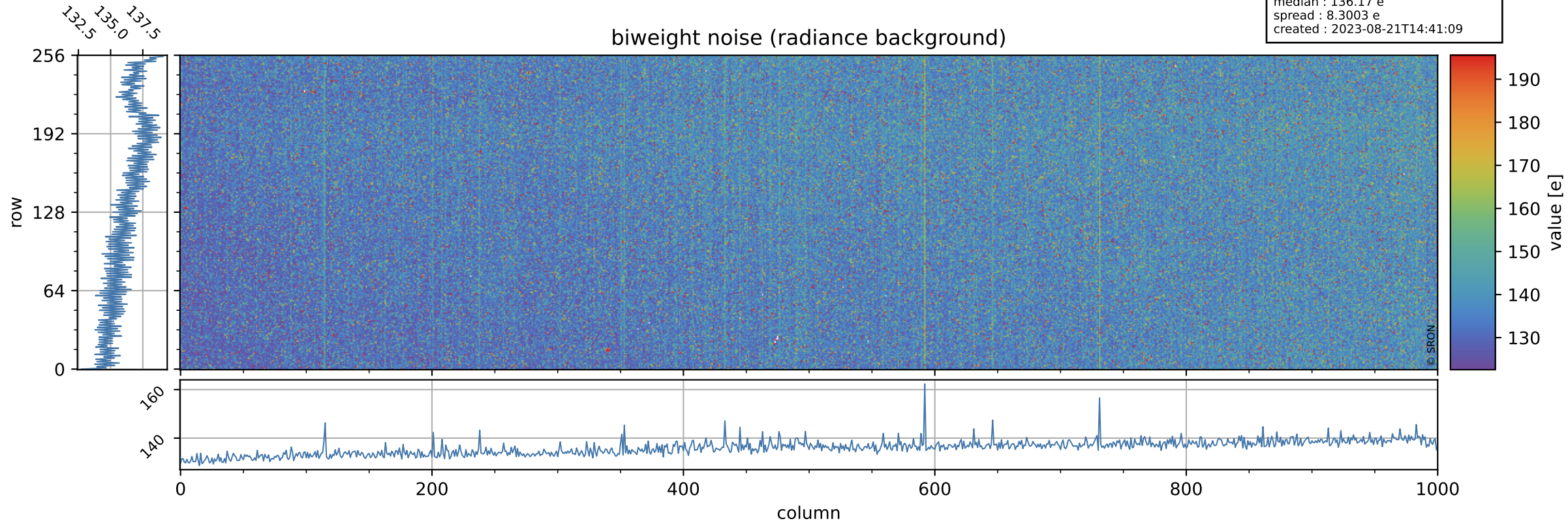
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6247, 6337]
coverage : 2018-12-28 / 2019-01-03
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.3003 e
created : 2023-08-21T14:41:09

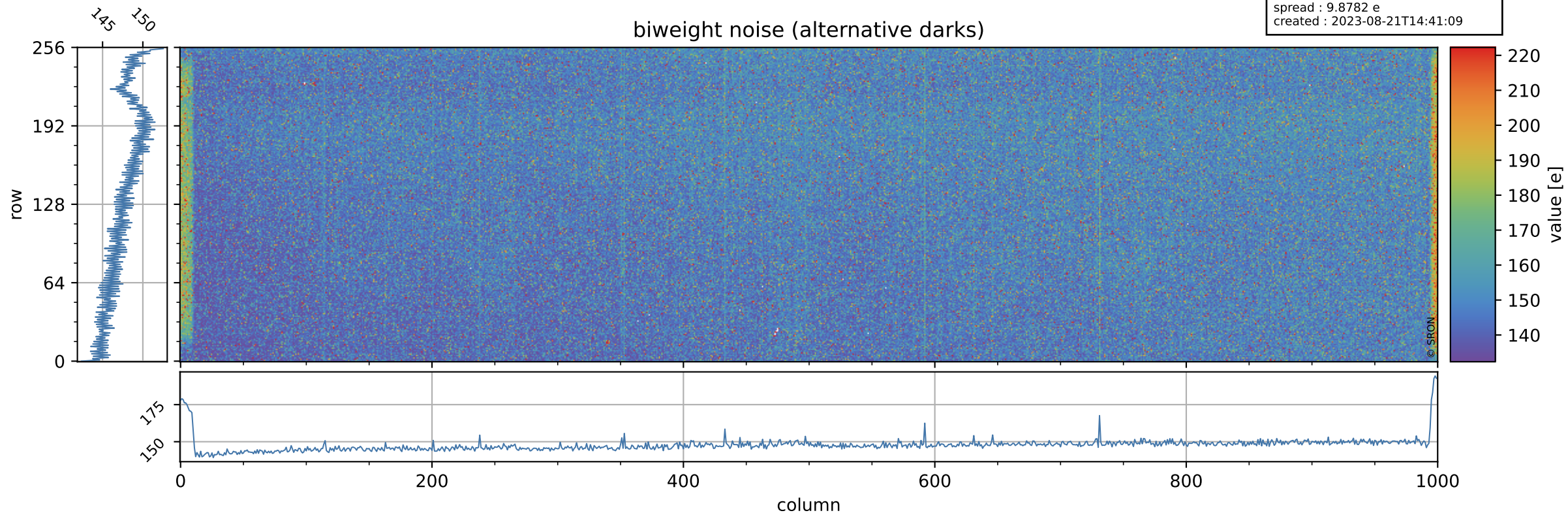
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6247, 6337]
coverage : 2018-12-28 / 2019-01-03
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.8782 e
created : 2023-08-21T14:41:09

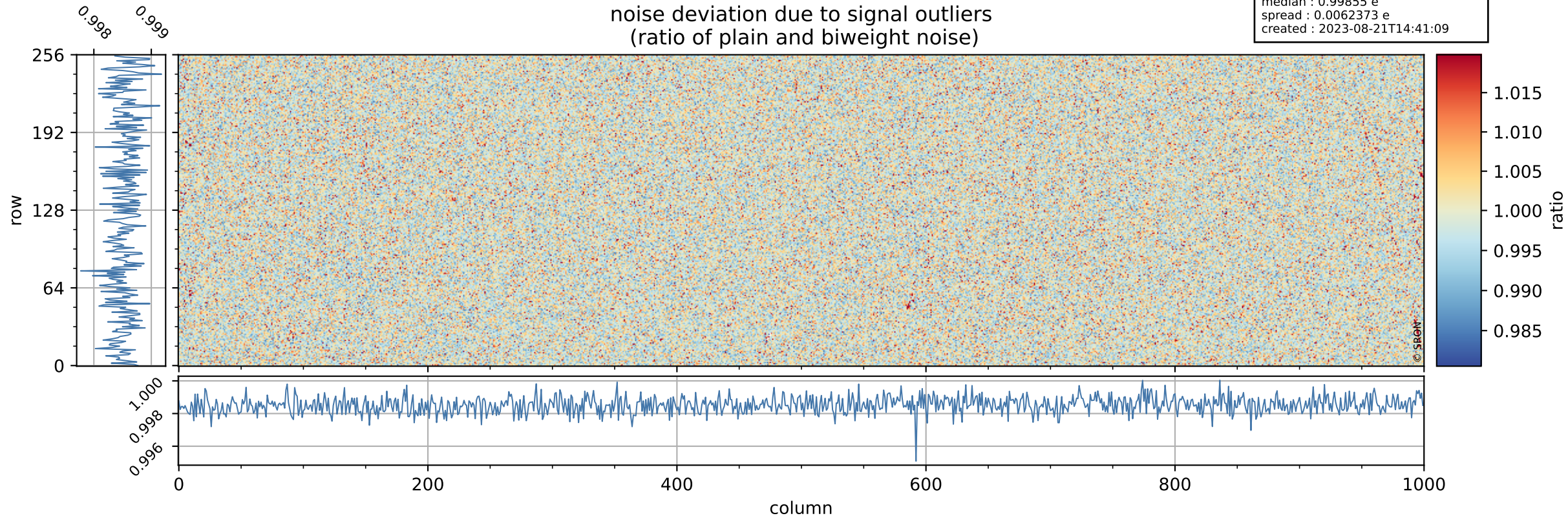
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

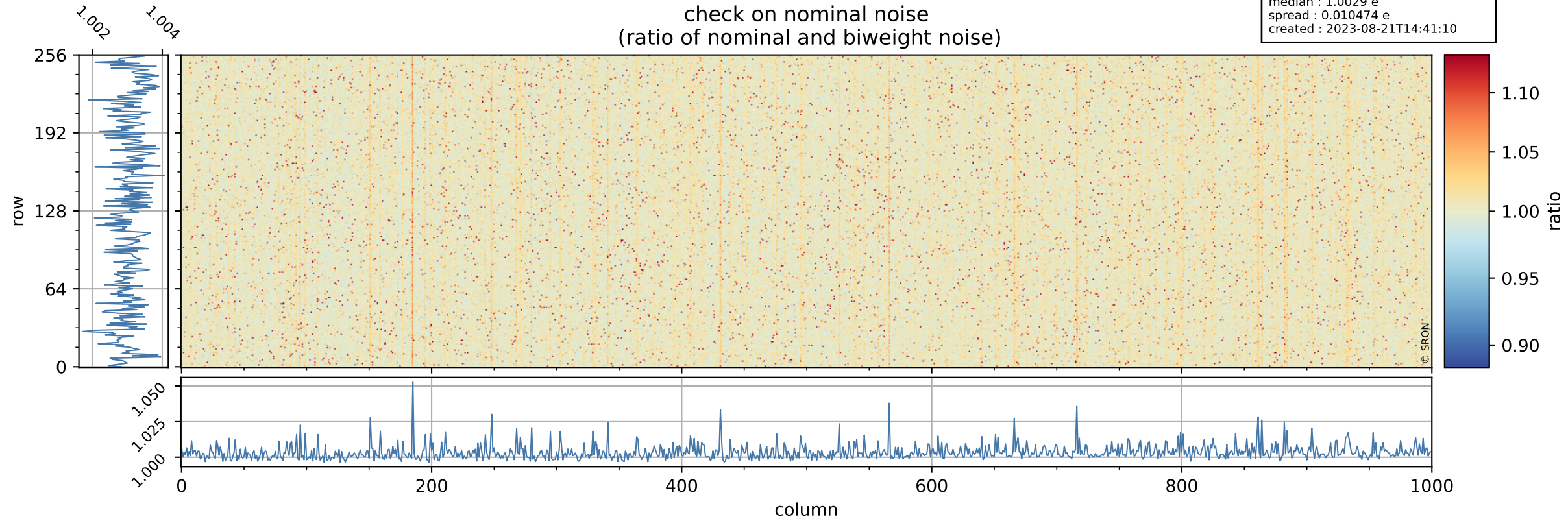
orbits : 12 in [6247, 6337]
coverage : 2018-12-28 / 2019-01-03
median : 0.99855 e
spread : 0.0062373 e
created : 2023-08-21T14:41:09



Tropomi SWIR background noise (swir)

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

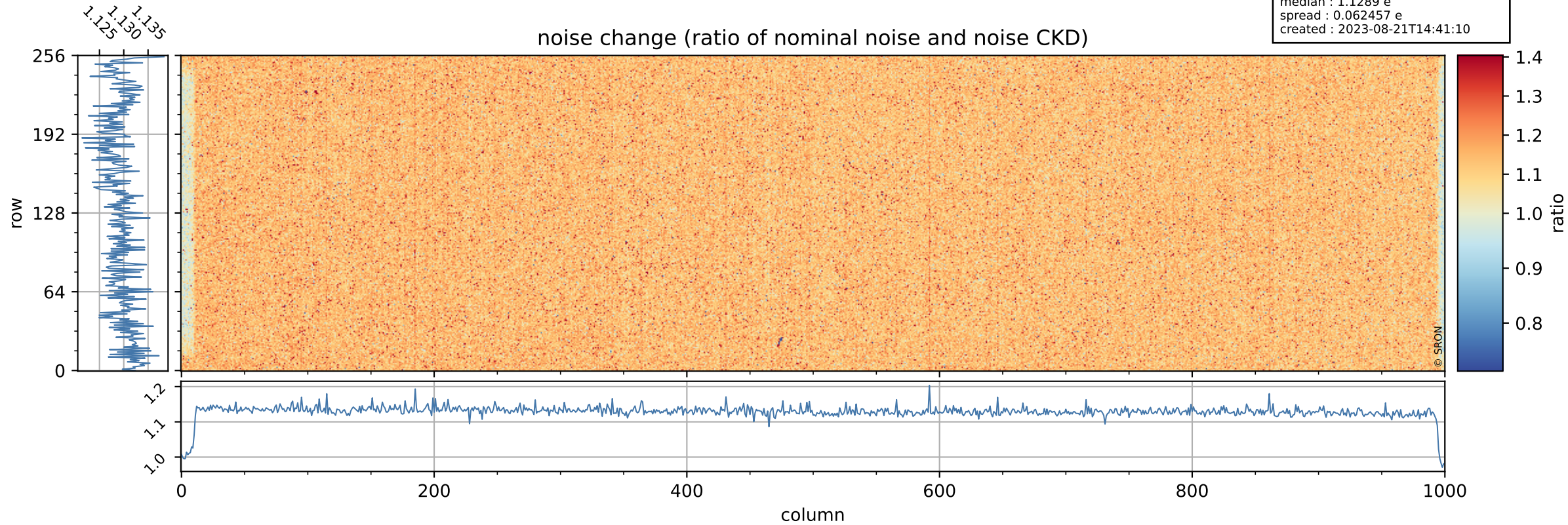
orbits : 12 in [6247, 6337]
coverage : 2018-12-28 / 2019-01-03
median : 1.0029 e
spread : 0.010474 e
created : 2023-08-21T14:41:10



Tropomi SWIR background noise (swir)

orbits : 12 in [6247, 6337]
coverage : 2018-12-28 / 2019-01-03
median : 1.1289 e
spread : 0.062457 e
created : 2023-08-21T14:41:10

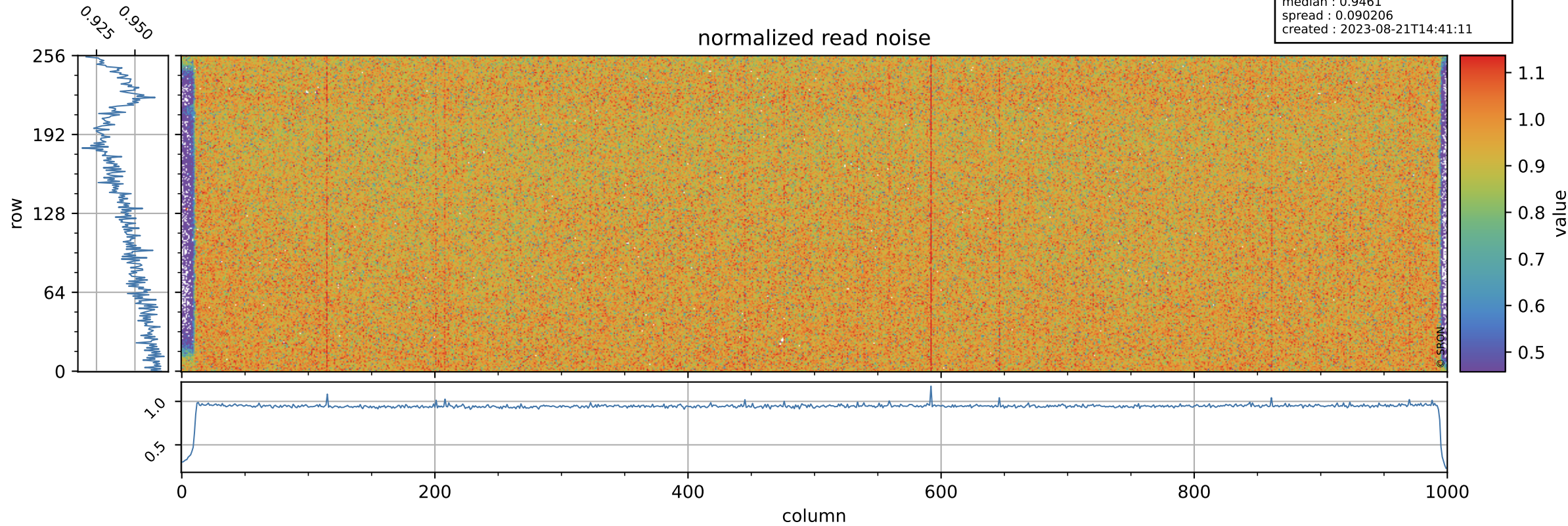
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

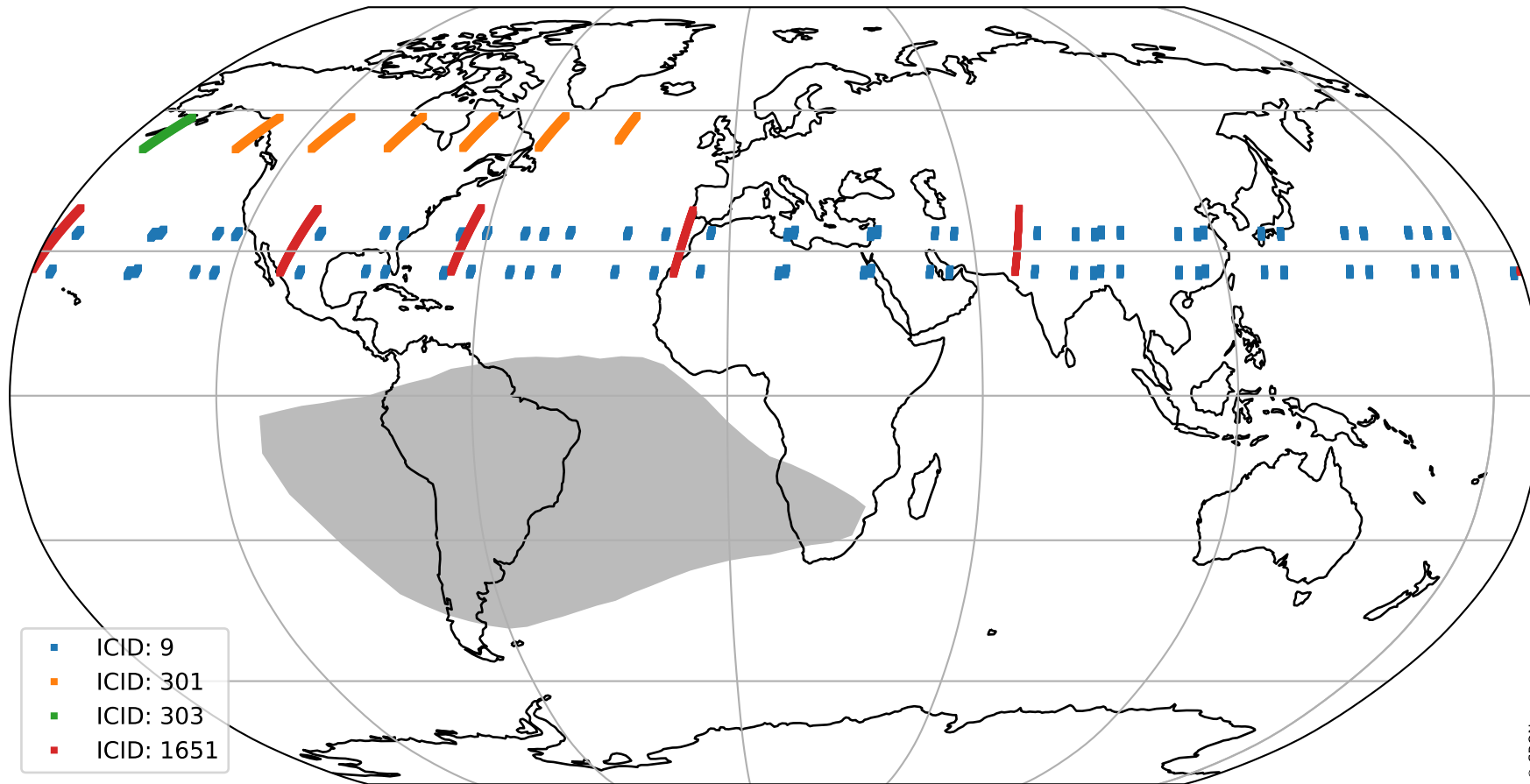
orbits : 12 in [6247, 6337]
coverage : 2018-12-28 / 2019-01-03
median : 0.9461
spread : 0.090206
created : 2023-08-21T14:41:11

normalized read noise



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

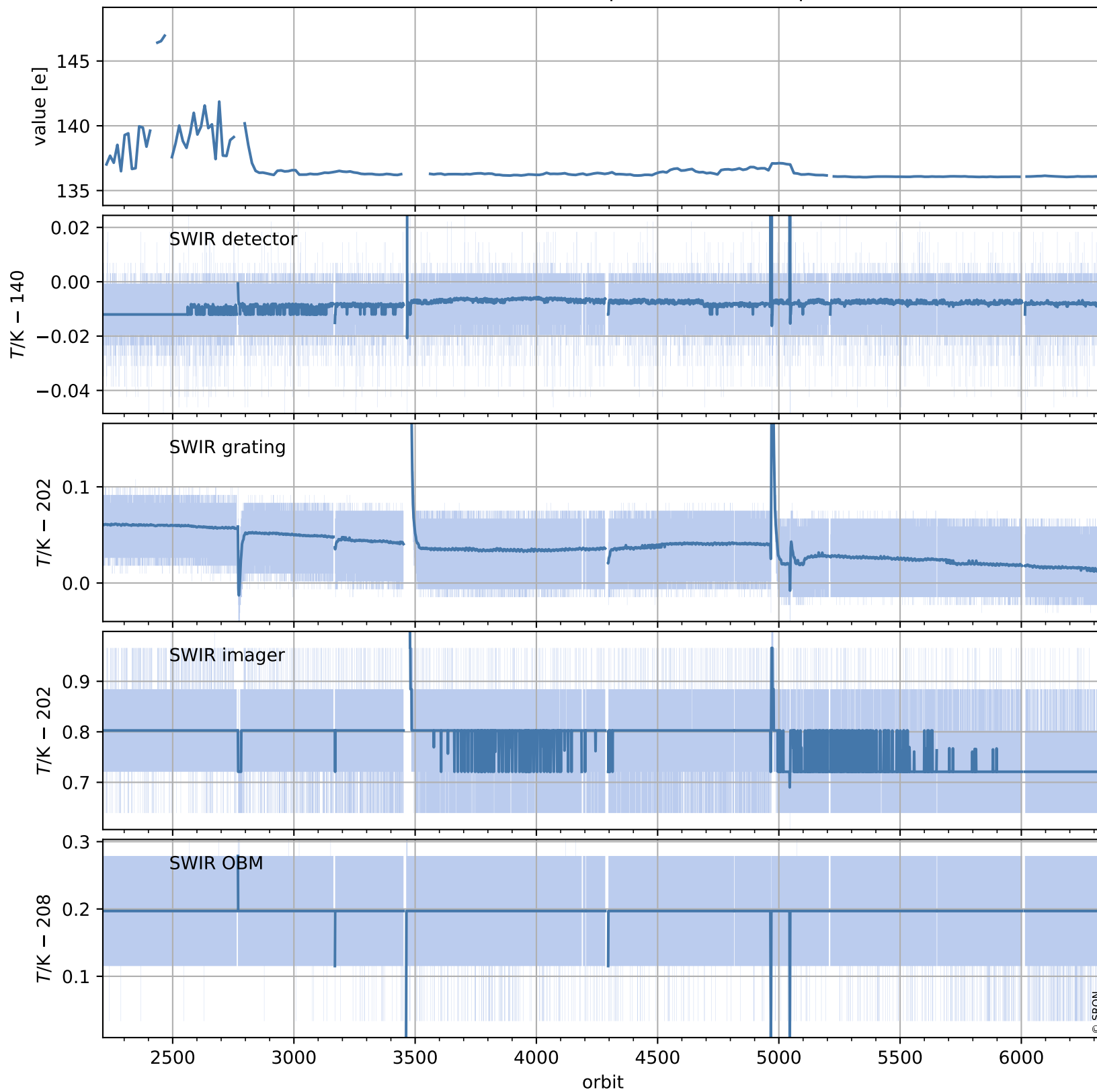
orbits : 12 in [6247, 6337]
coverage : 2018-12-28 / 2019-01-03
created : 2023-08-21T14:41:11



Tropomi SWIR background noise (swir)

orbits : [2212, 6337]
coverage : 2018-03-18 / 2019-01-03
created : 2023-08-21T14:41:11

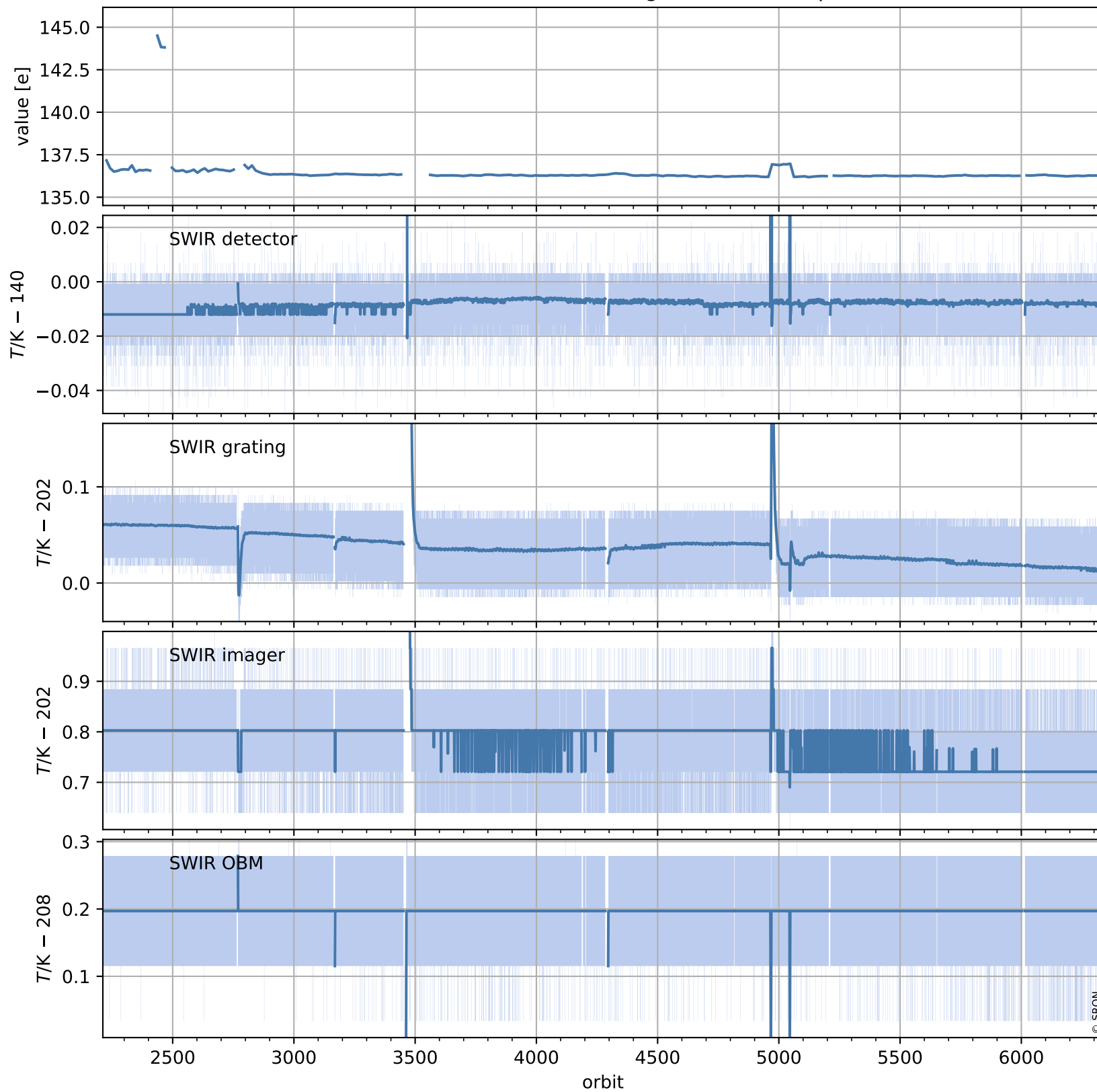
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6337]
coverage : 2018-03-18 / 2019-01-03
created : 2023-08-21T14:41:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6337]
coverage : 2018-03-18 / 2019-01-03
created : 2023-08-21T14:41:12

trend of normalized read-noise & temperatures

