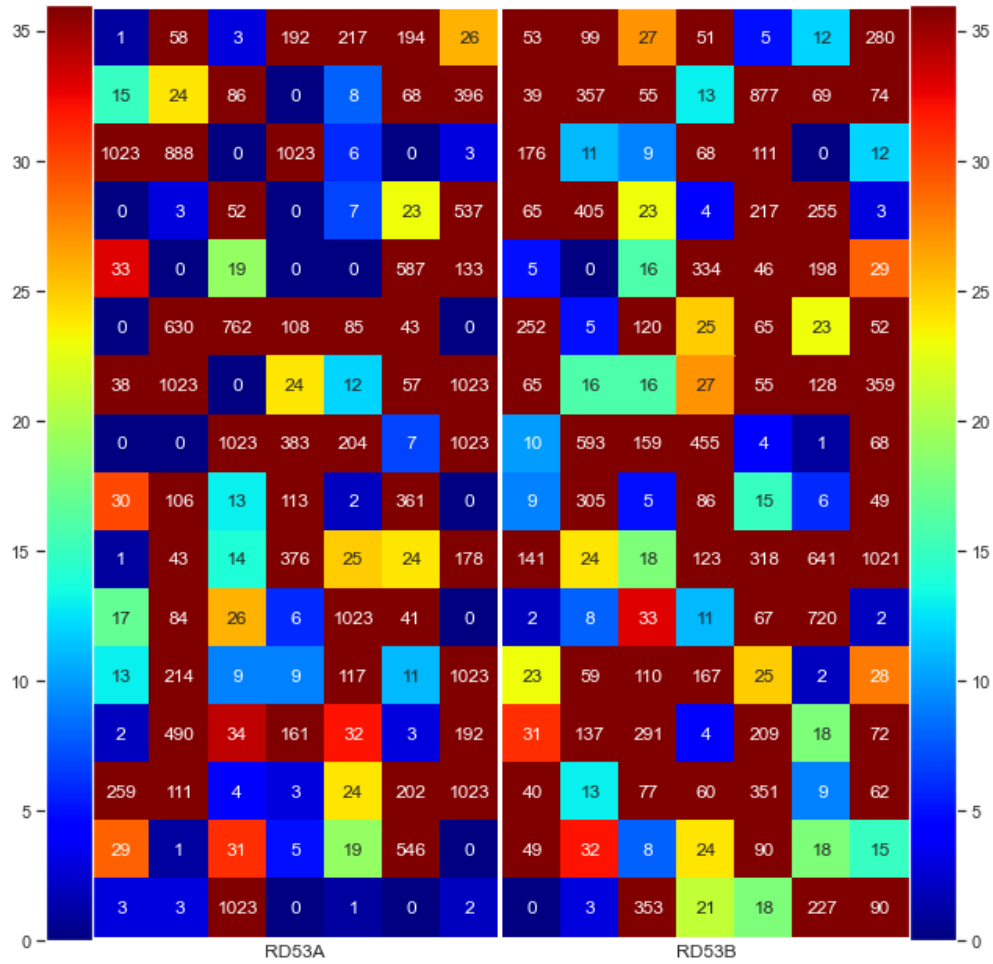


# HEATMAP NOISE OCCUPANCY

June 18, 2021

Noise Occupancy with threshold = 340 electrons



SOGLIA: 340

A:

Tot hits --> 20152

Mean --> 179.93

Hits < 36 --> 610, mean: 9.53, excluding 48 pixels

Hits < 360 --> 3966, mean: 43.58, excluding 21 pixels

B:

Tot hits --> 12836

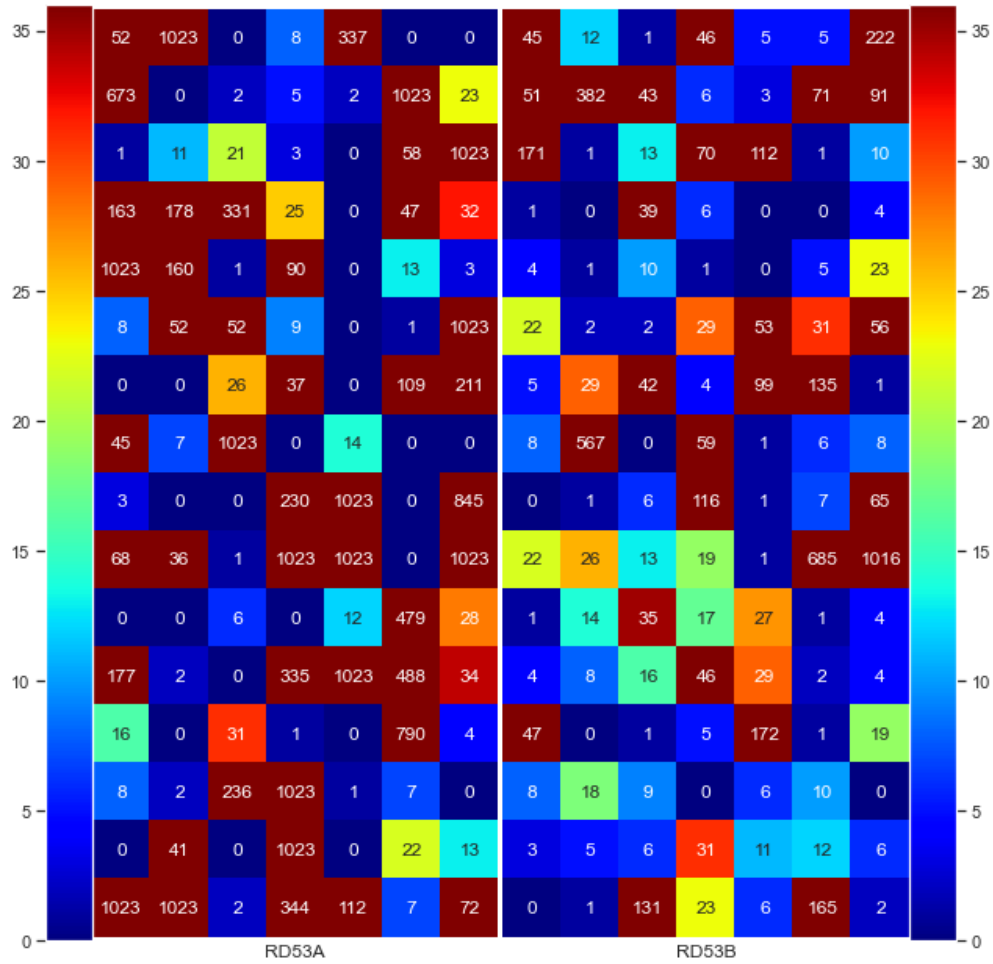
Mean --> 114.61

Hits < 36 --> 721, mean: 13.6, excluding 59 pixels

Hits < 360 --> 8124, mean: 77.37, excluding 7 pixels

-----

Noise Occupancy with threshold = 370 electrons



SOGLIA: 370

A:

Tot hits --> 22608

Mean --> 201.86

Hits < 36 --> 415, mean: 6.19, excluding 45 pixels

Hits < 360 --> 3988, mean: 43.35, excluding 20 pixels

B:

Tot hits --> 5498

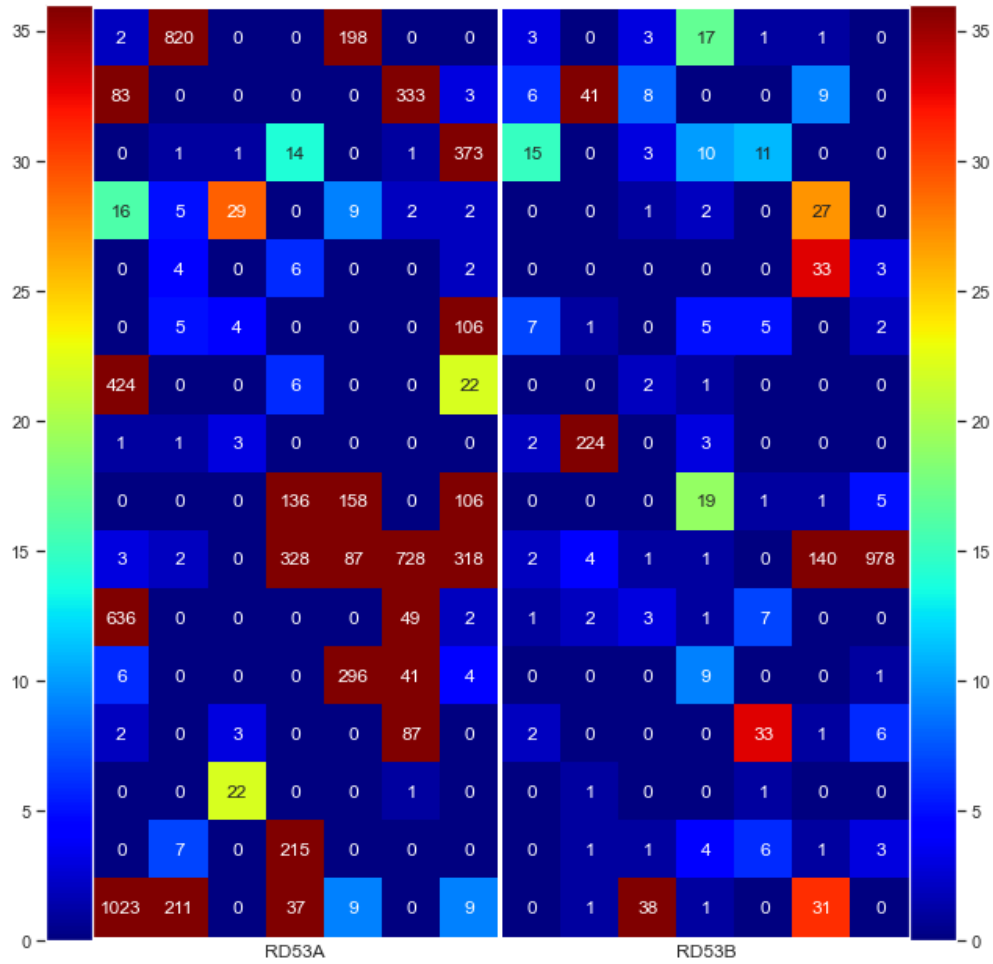
Mean --> 49.09

Hits < 36 --> 701, mean: 8.35, excluding 28 pixels

Hits < 360 --> 2848, mean: 26.37, excluding 4 pixels

-----

Noise Occupancy with threshold = 420 electrons



SOGLIA: 420

A:

Tot hits --> 7002

Mean --> 62.52

Hits < 36 --> 209, mean: 2.35, excluding 23 pixels

Hits < 360 --> 2998, mean: 28.28, excluding 6 pixels

B:

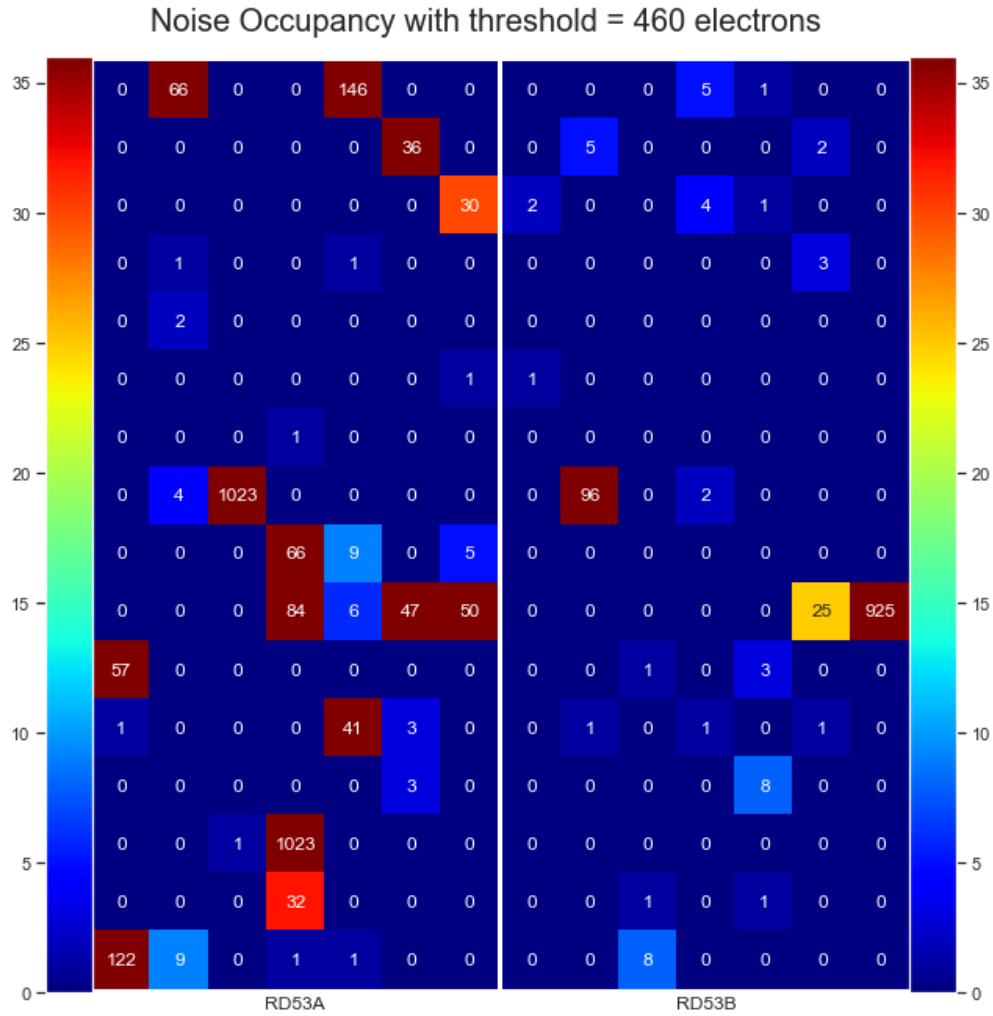
Tot hits --> 1753

Mean --> 15.65

Hits < 36 --> 332, mean: 3.1, excluding 5 pixels

Hits < 360 --> 775, mean: 6.98, excluding 1 pixels

-----



SOGLIA: 460

A:

Tot hits --> 2872

Mean --> 25.64

Hits < 36 --> 111, mean: 1.11, excluding 12 pixels

Hits < 360 --> 826, mean: 7.51, excluding 2 pixels

B:

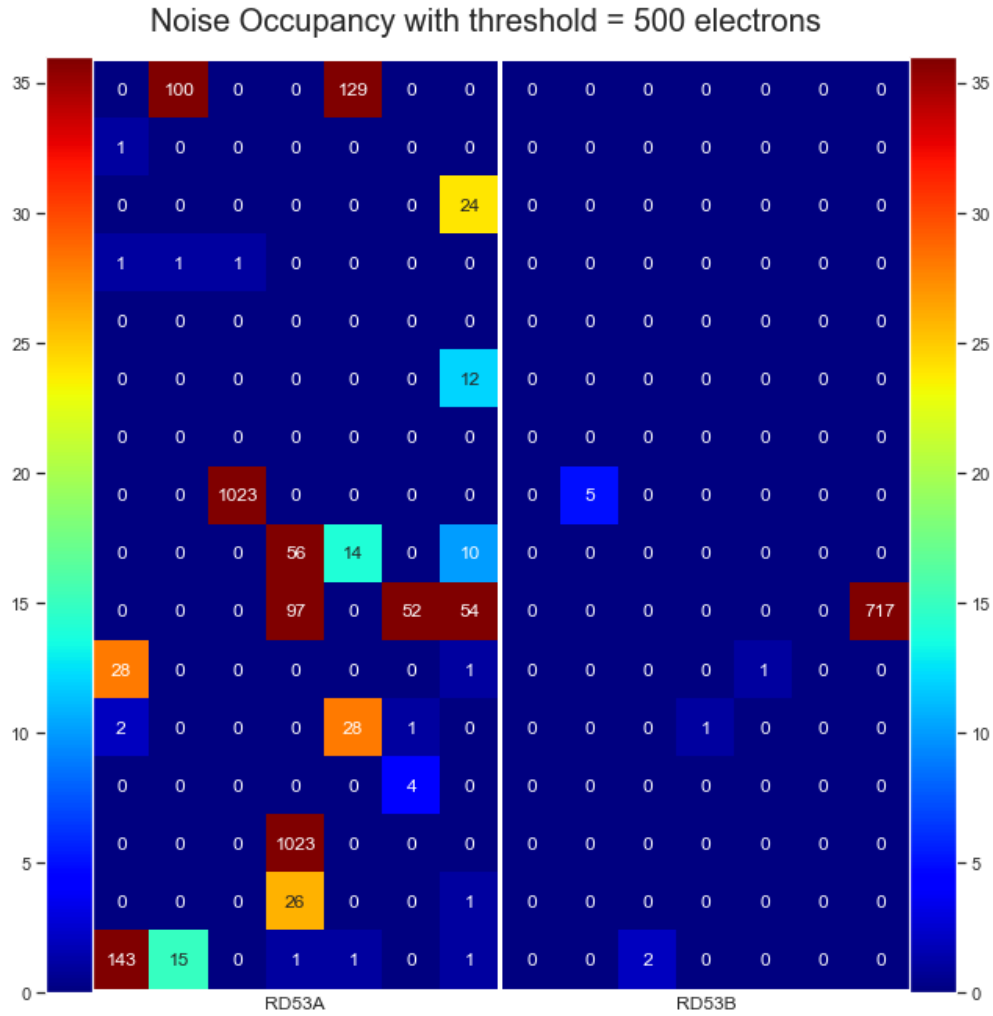
Tot hits --> 1097

Mean --> 9.79

Hits < 36 --> 76, mean: 0.69, excluding 2 pixels

Hits < 360 --> 172, mean: 1.55, excluding 1 pixels

-----



SOGLIA: 500

A:

Tot hits --> 2850

Mean --> 25.45

Hits < 36 --> 173, mean: 1.68, excluding 9 pixels

Hits < 360 --> 804, mean: 7.31, excluding 2 pixels

B:

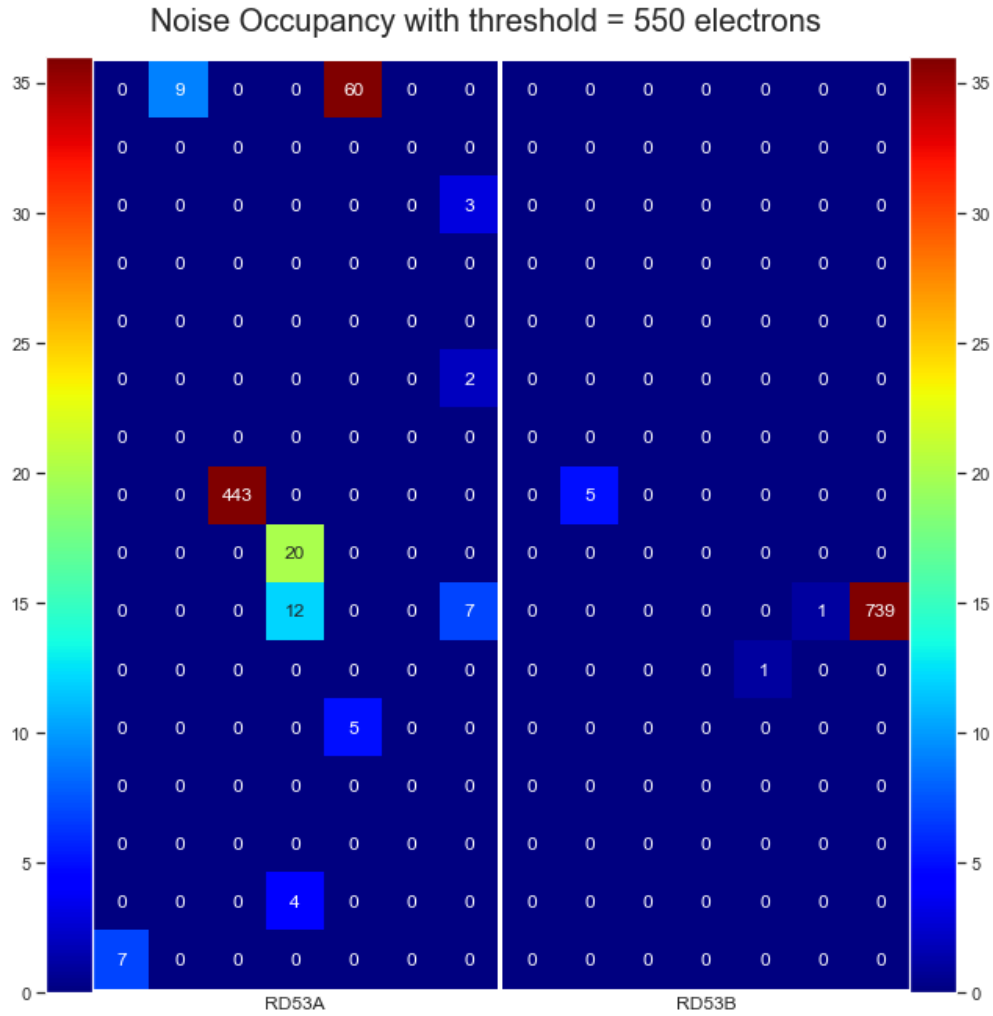
Tot hits --> 726

Mean --> 6.48

Hits < 36 --> 9, mean: 0.08, excluding 1 pixels

Hits < 360 --> 9, mean: 0.08, excluding 1 pixels

-----



SOGLIA: 550

A:

Tot hits --> 572

Mean --> 5.11

Hits < 36 --> 69, mean: 0.63, excluding 2 pixels

Hits < 360 --> 129, mean: 1.16, excluding 1 pixels

B:

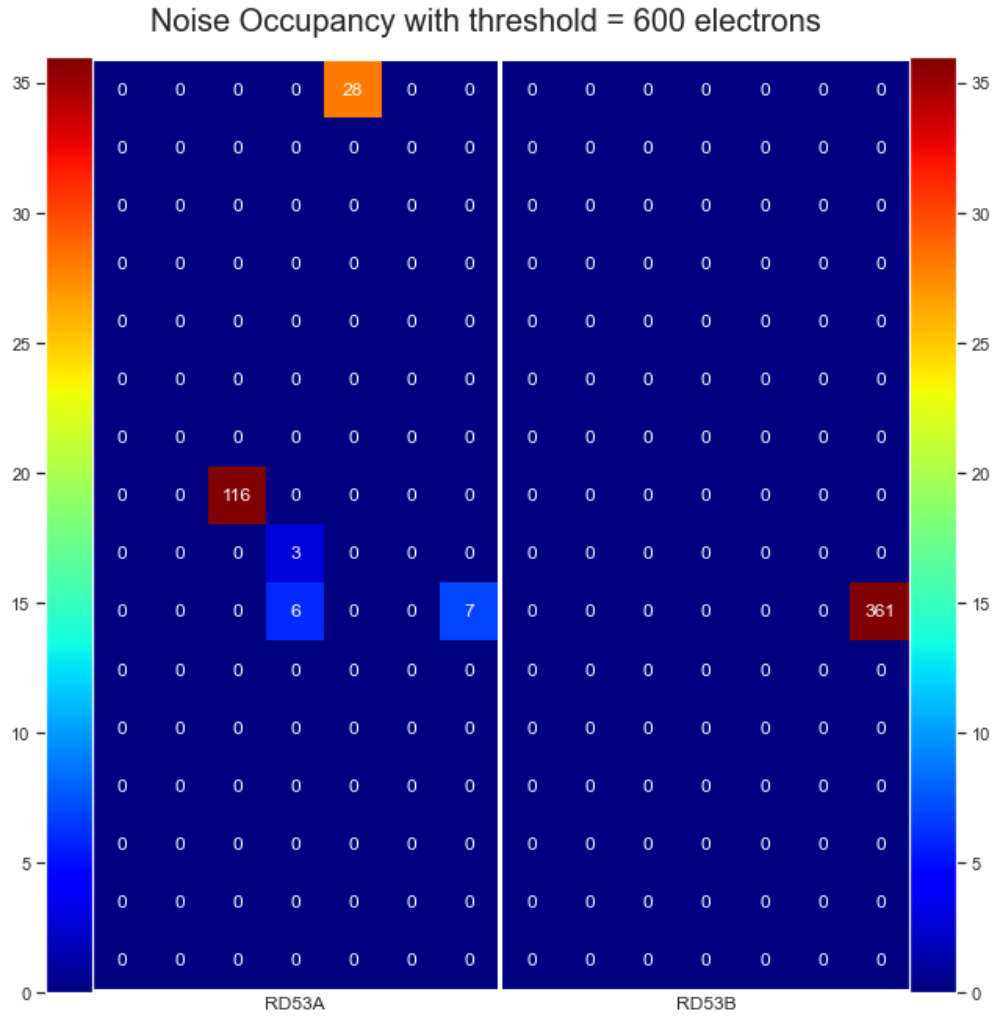
Tot hits --> 746

Mean --> 6.66

Hits < 36 --> 7, mean: 0.06, excluding 1 pixels

Hits < 360 --> 7, mean: 0.06, excluding 1 pixels

-----



SOGLIA: 600

A:

Tot hits --> 160

Mean --> 1.43

Hits < 36 --> 44, mean: 0.4, excluding 1 pixels

Hits < 360 --> 160, mean: 1.43, excluding 0 pixels

B:

Tot hits --> 361

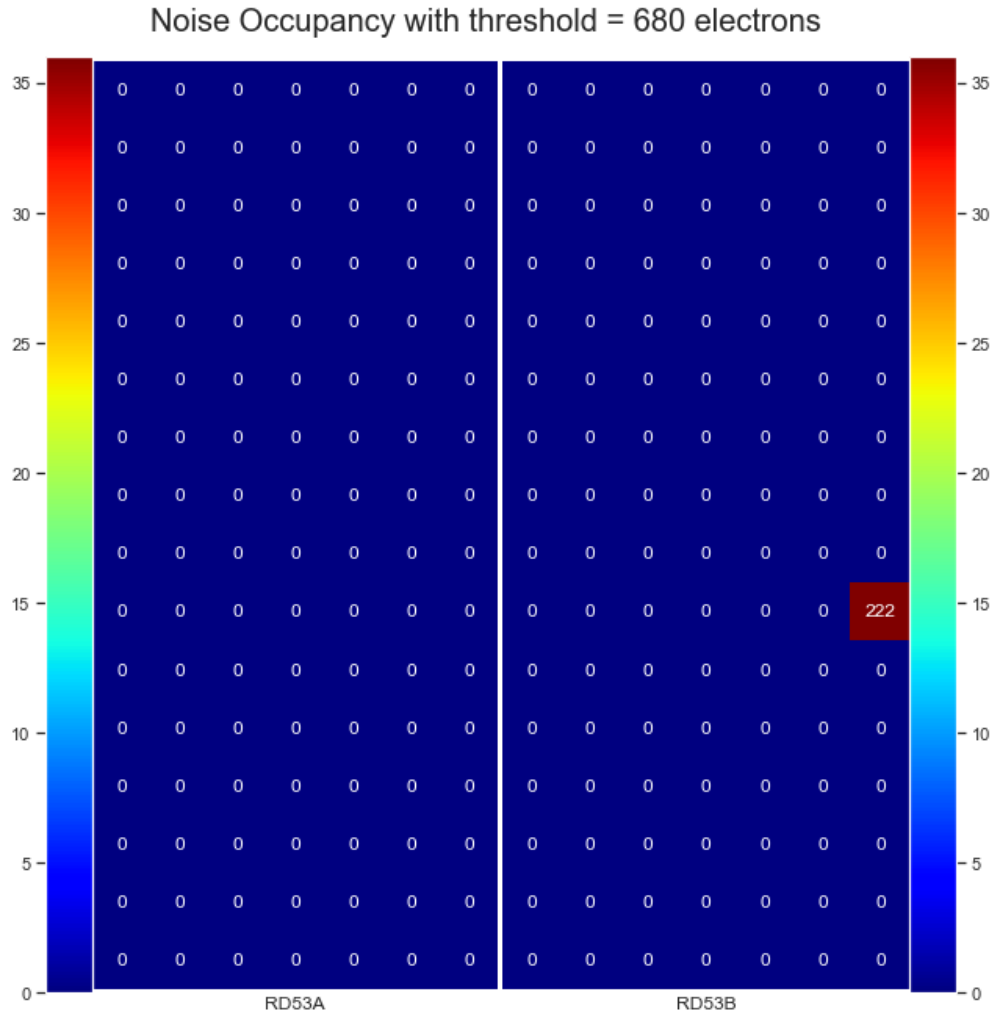
Mean --> 3.22

Hits < 36 --> 0, mean: 0.0, excluding 1 pixels

Hits < 360 --> 0, mean: 0.0, excluding 1 pixels

-----





SOGLIA: 680

A:

Tot hits --> 0

Mean --> 0.0

Hits < 36 --> 0, mean: 0.0, excluding 0 pixels

Hits < 360 --> 0, mean: 0.0, excluding 0 pixels

B:

Tot hits --> 222

Mean -->1.98

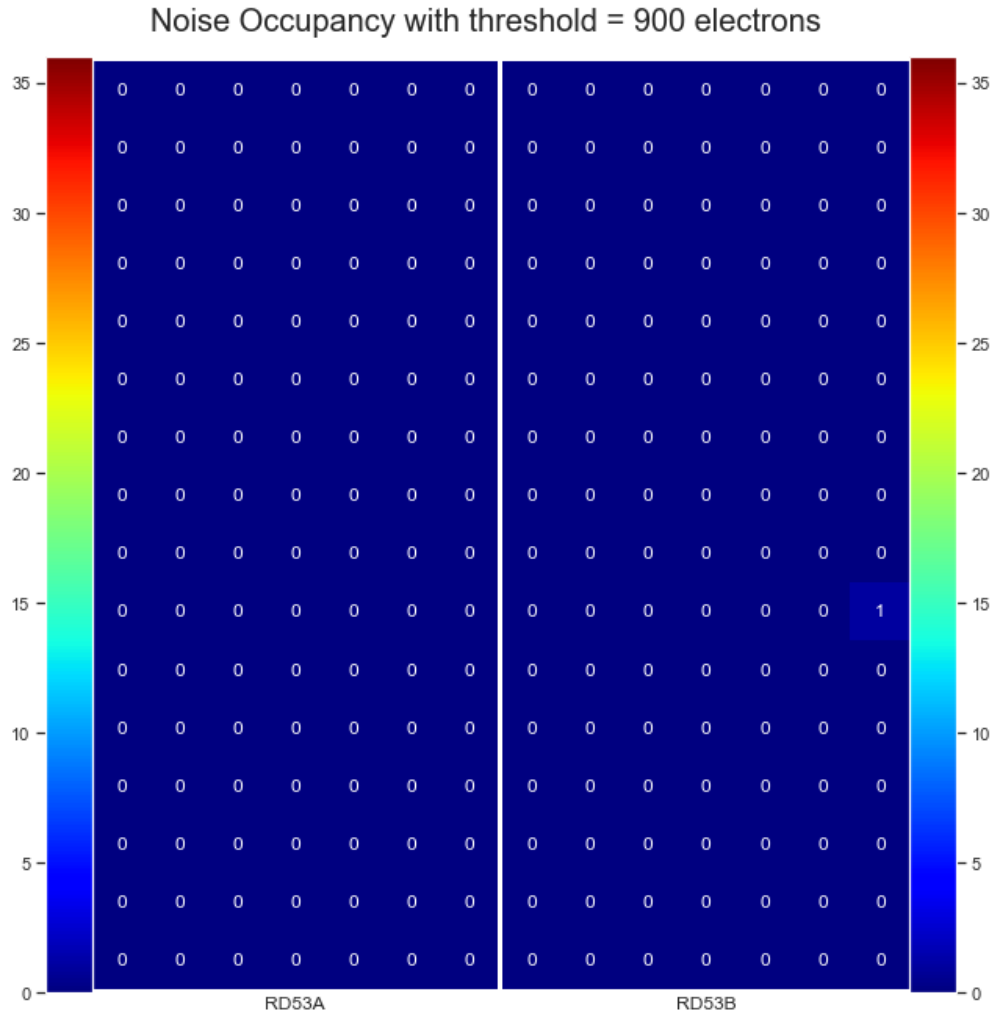
Hits < 36 --> 0, mean: 0.0, excluding 1 pixels

Hits < 360 --> 222, mean: 1.98, excluding 0 pixels

-----







SOGLIA: 900

A:

Tot hits --> 0

Mean --> 0.0

Hits < 36 --> 0, mean: 0.0, excluding 0 pixels

Hits < 360 --> 0, mean: 0.0, excluding 0 pixels

B:

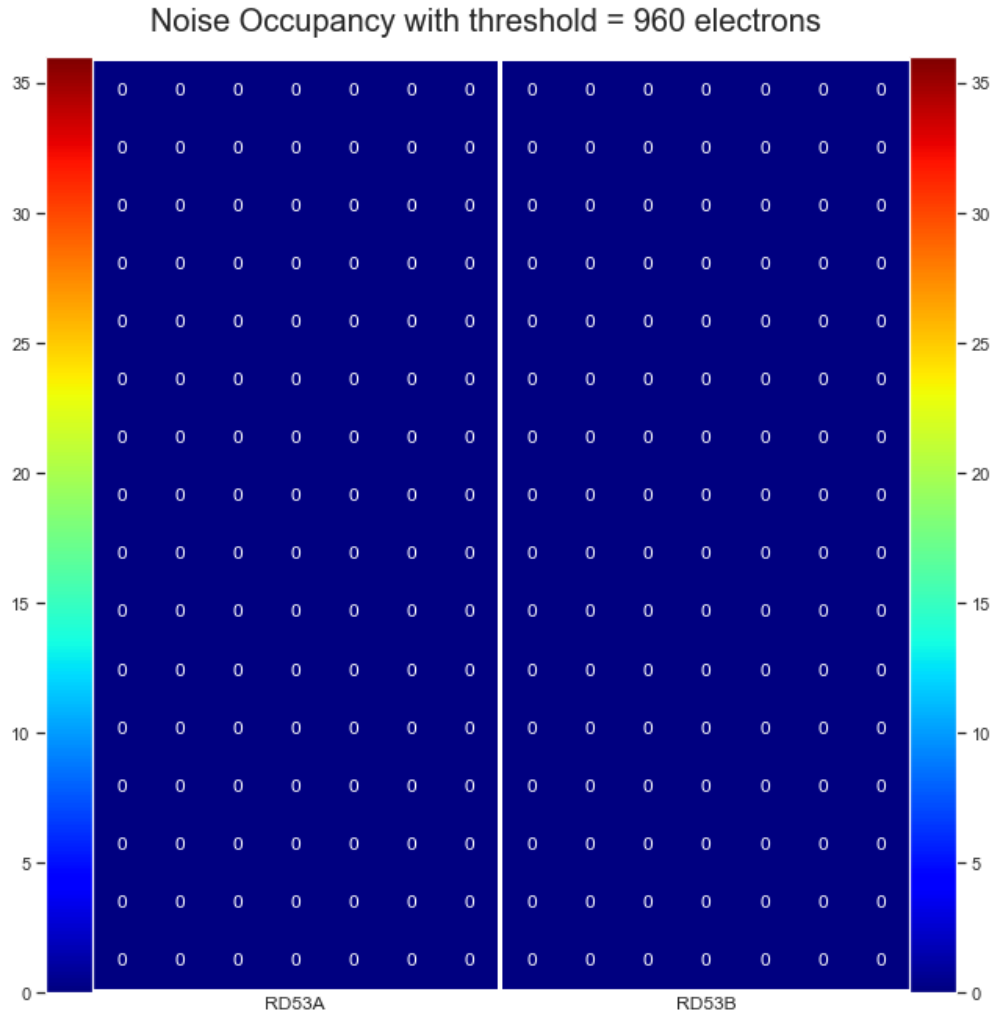
Tot hits --> 1

Mean --> 0.01

Hits < 36 --> 1, mean: 0.01, excluding 0 pixels

Hits < 360 --> 1, mean: 0.01, excluding 0 pixels

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SOGLIA: 960

A:

Tot hits --> 0

Mean --> 0.0

Hits < 36 --> 0, mean: 0.0, excluding 0 pixels

Hits < 360 --> 0, mean: 0.0, excluding 0 pixels

B:

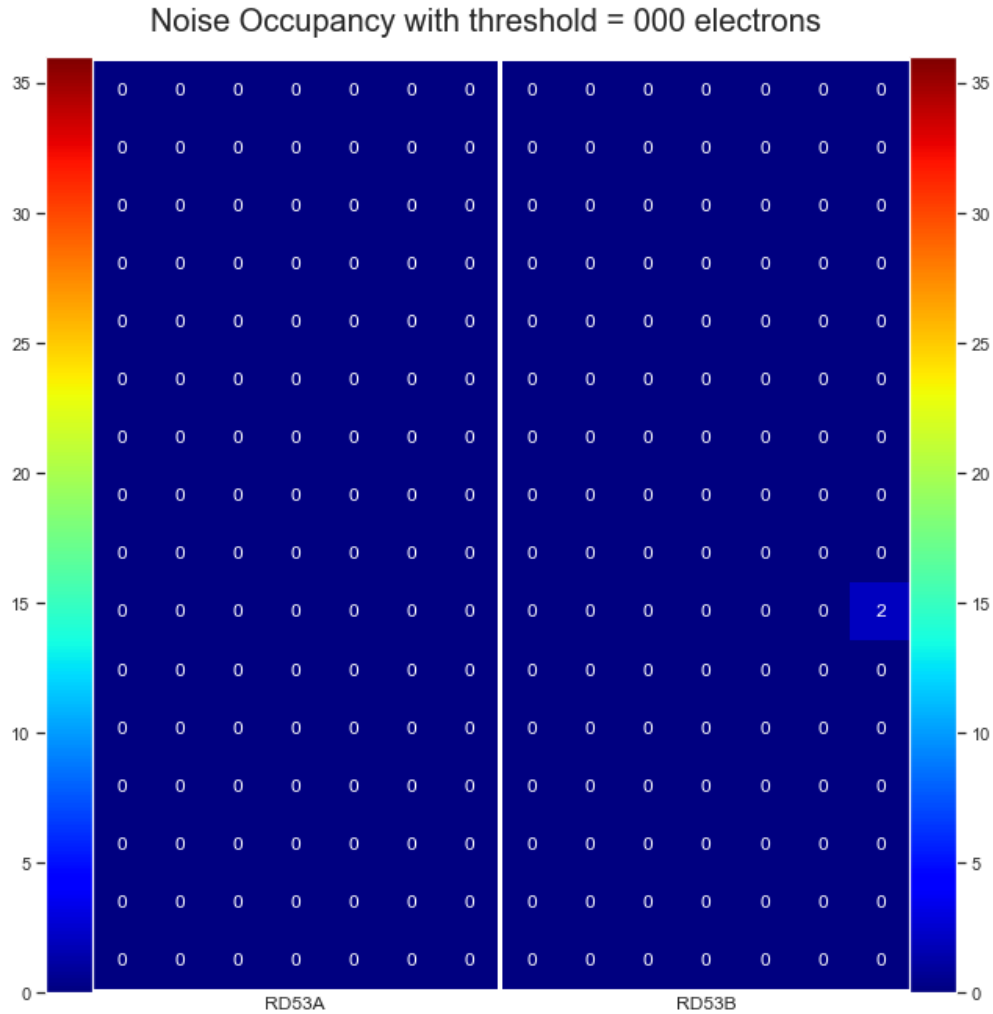
Tot hits --> 0

Mean --> 0.0

Hits < 36 --> 0, mean: 0.0, excluding 0 pixels

Hits < 360 --> 0, mean: 0.0, excluding 0 pixels

-----



SOGLIA: 1000

A:

Tot hits --> 0

Mean --> 0.0

Hits < 36 --> 0, mean: 0.0, excluding 0 pixels

Hits < 360 --> 0, mean: 0.0, excluding 0 pixels

B:

Tot hits --> 2

Mean --> 0.02

Hits < 36 --> 2, mean: 0.02, excluding 0 pixels

Hits < 360 --> 2, mean: 0.02, excluding 0 pixels

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