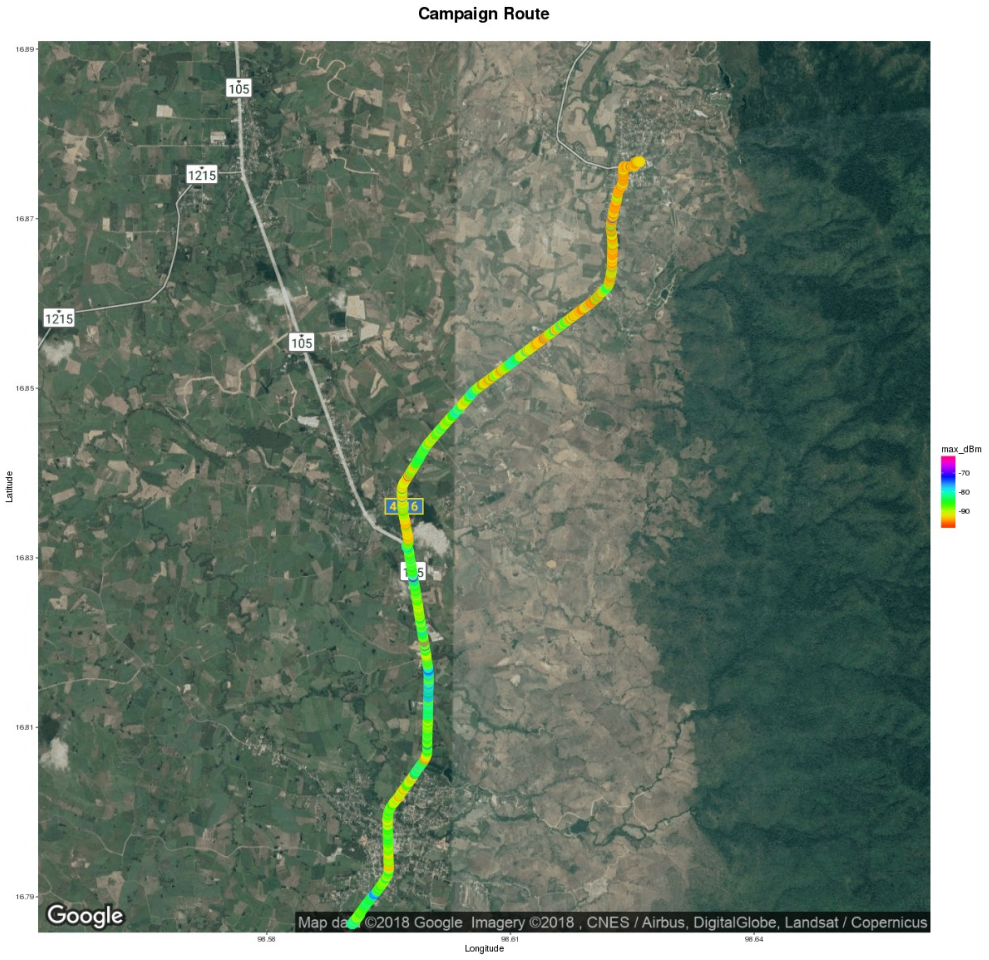
White Space analyzer

Measurements carried out with RFTrack (http://wireless.ictp.it/tvws/rftrack/) over the specified frequency range and antenna.
Remember that most TV signals are vertically polarized.
The received signal level measured in dBm is dependent on the antenna gain and orientation.

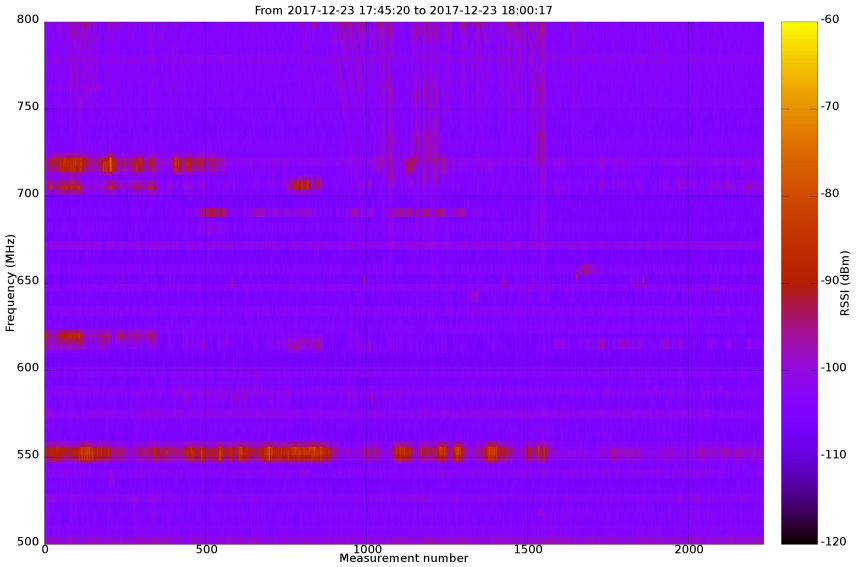
Campaign measurements info

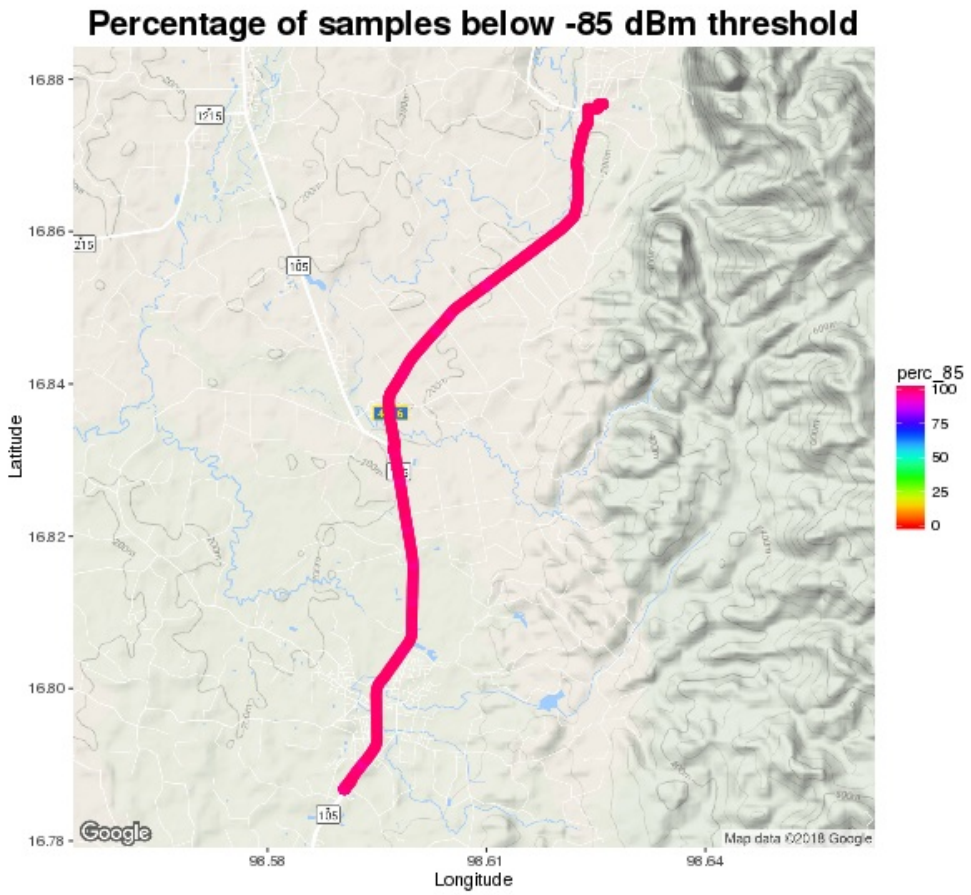


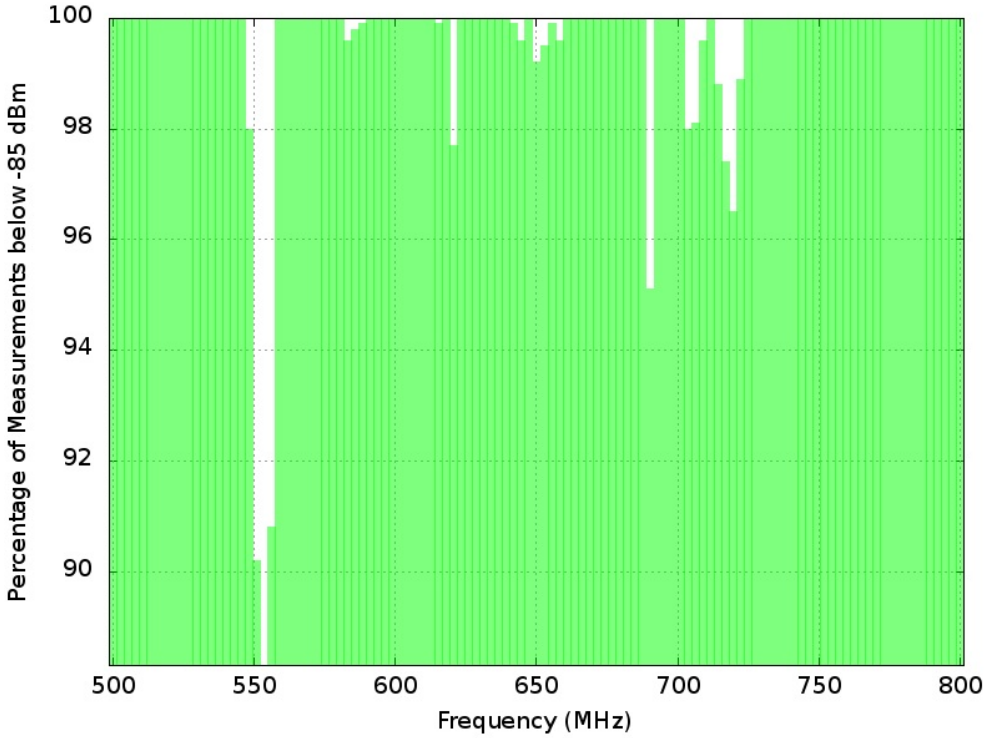
Info	Value
Campaign date:	2017-12-23
Campaign duration:	0:14:57 (hour:min:sec)
Route length:	12.1 Km
N. points:	2235
Country:	Thailand
Country Code:	TH
Place of measurement:	Ban Mae Kuet Mai
Region:	Tak
Population:	no info

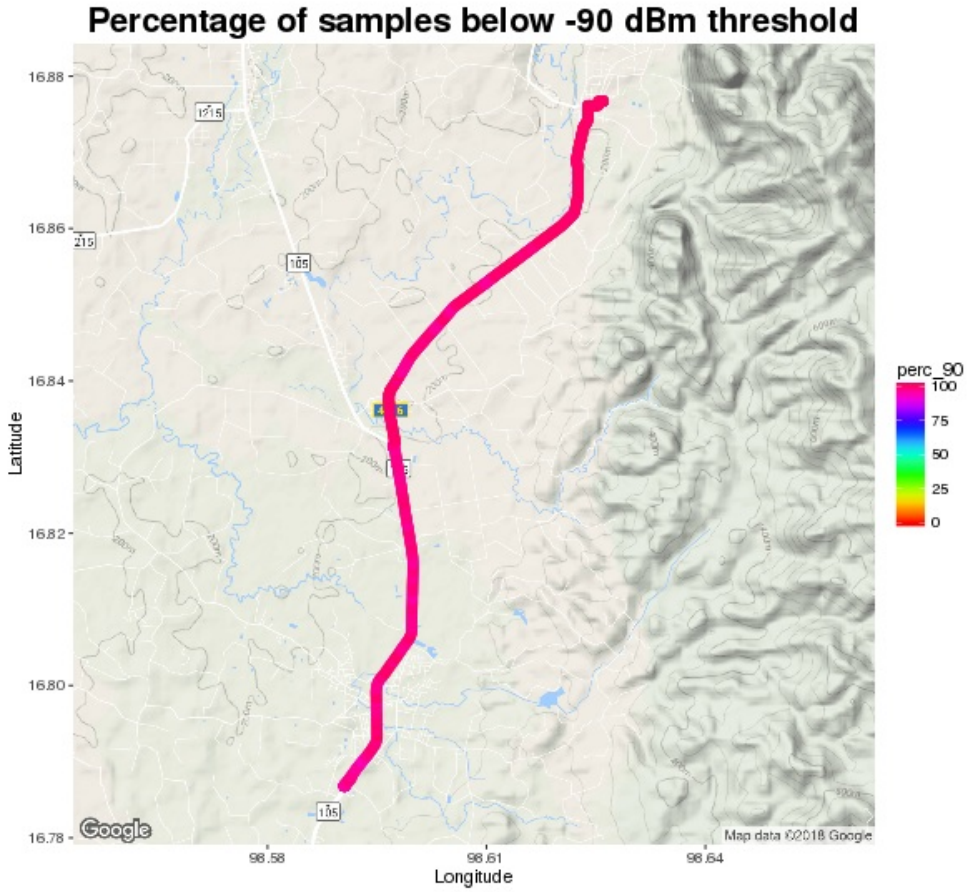
Spectrum Maps

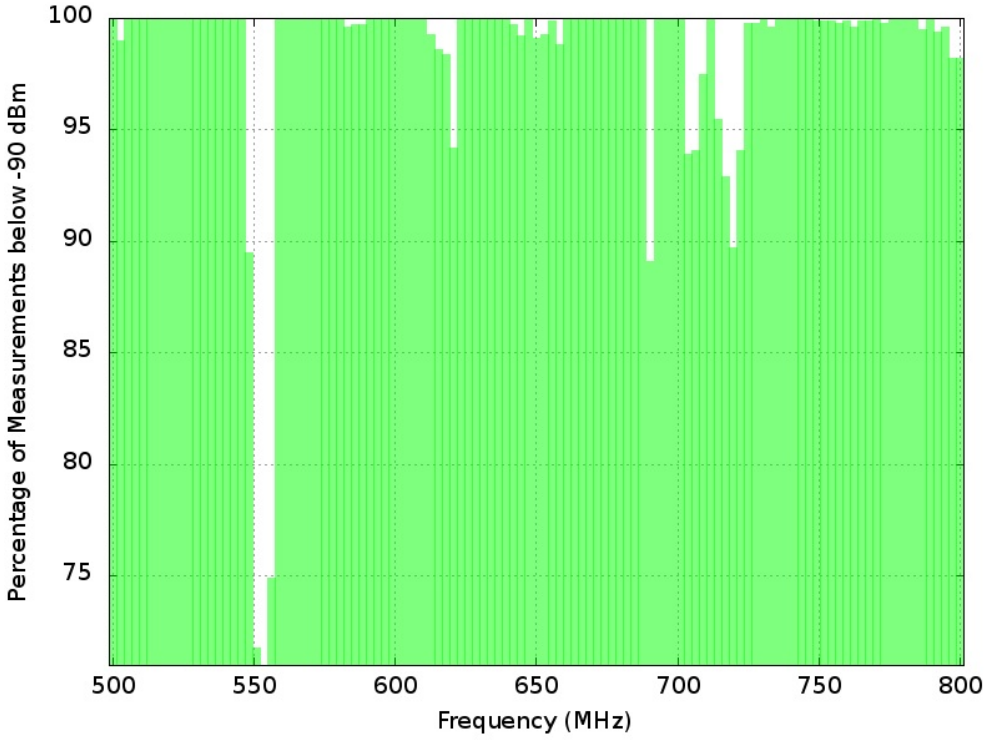
The first image shows power levels over time (number of measurements), the following images show different thresholds of spectrum occupancy.

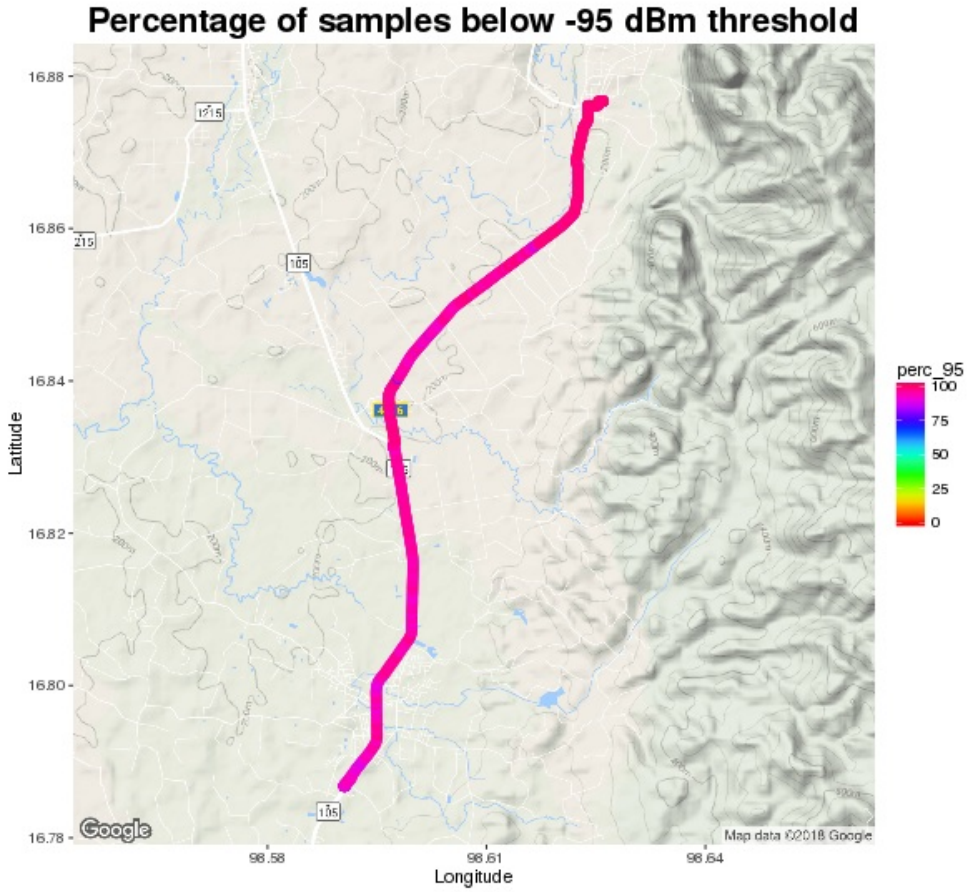


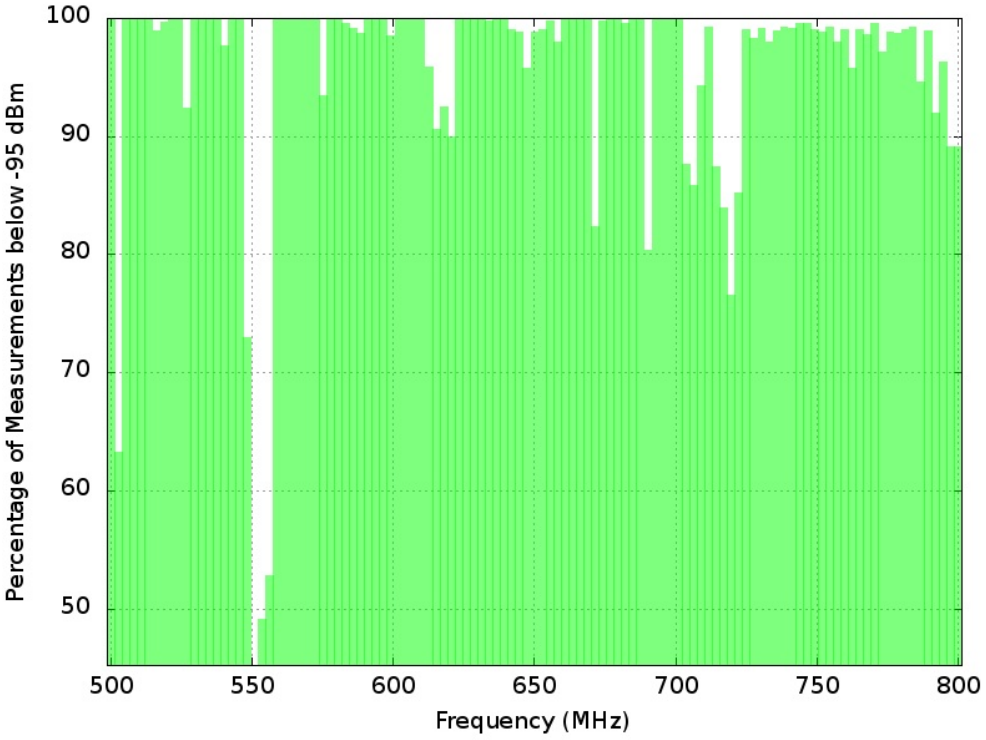


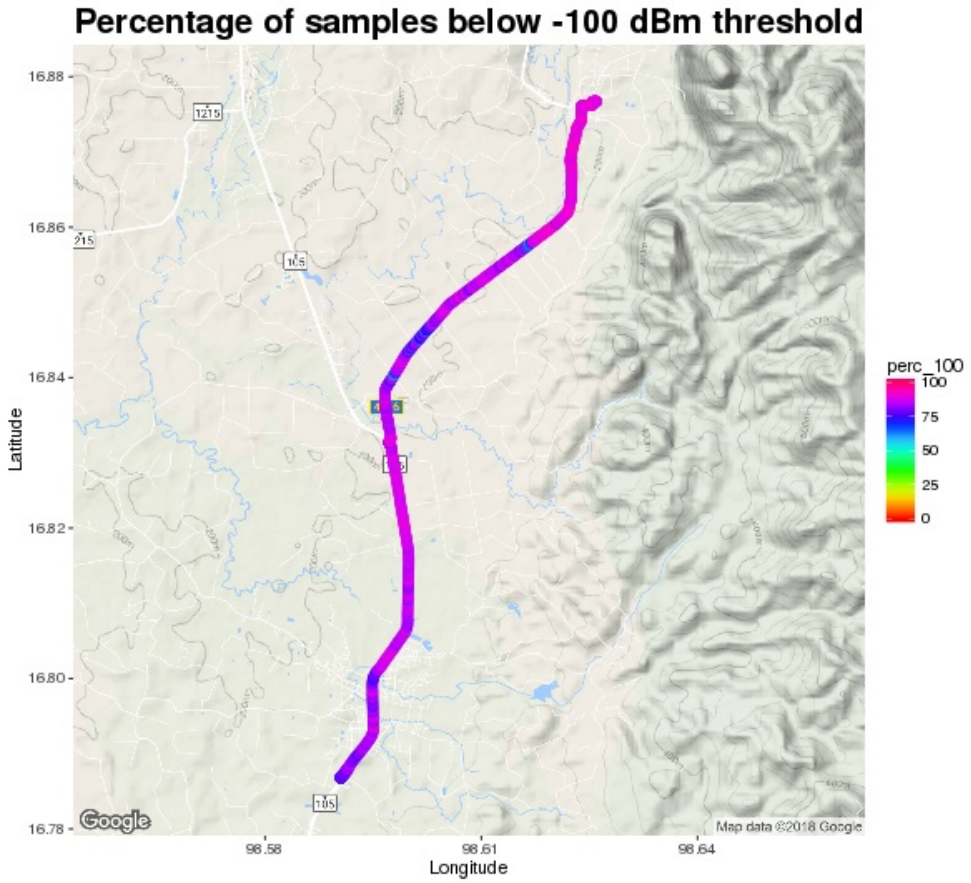

Percentage of Measurements below -85 dBm
100
98
96
94
92
90
500
550
600
650
700
750
800
Frequency (MHz)

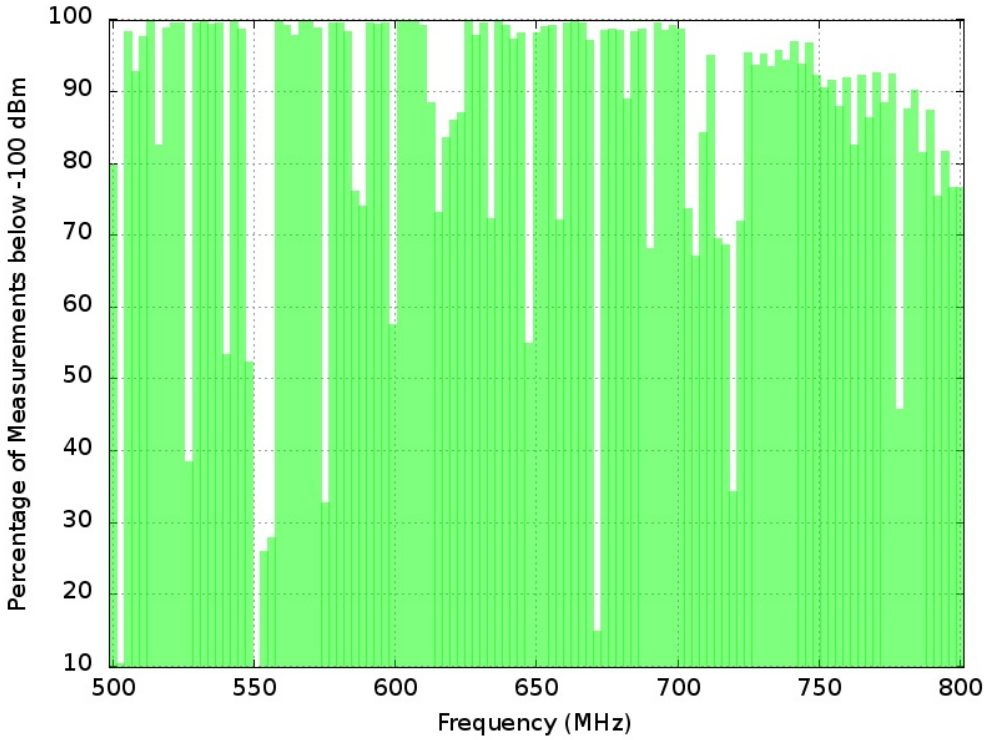

Percentage of samples below -90 dBm threshold
16.88
16.86
16.84
16.82
16.80
16.78
Latitude
98.58
98.61
98.64
Longitude
perc_90
100
75
50
25
0
Google
Map data ©2018 Google

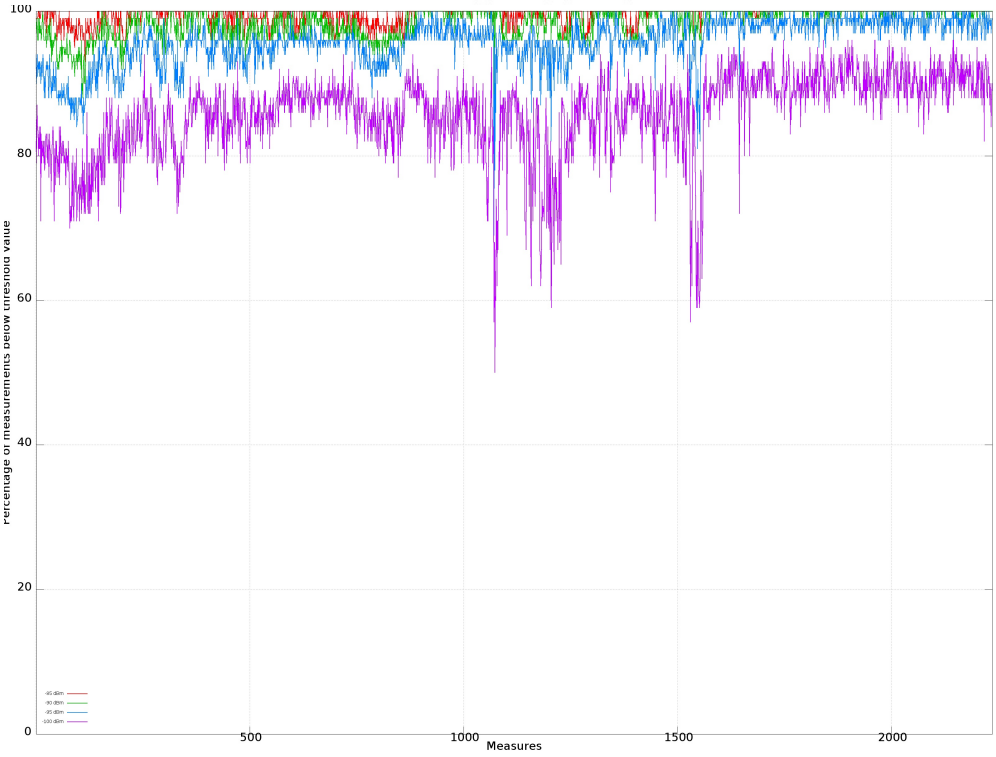

Percentage of Measurements below -90 dBm
100
95
90
85
80
75
500
550
600
650
700
750
800
Frequency (MHz)


Percentage of samples below -95 dBm threshold
16.88
16.86
16.84
16.82
16.80
16.78
Latitude
98.58
98.61
98.64
Longitude
perc_95
100
75
50
25
0
Google
Map data ©2018 Google


Percentage of Measurements below -95 dBm
100
90
80
70
60
50
500
550
600
650
700
750
800
Frequency (MHz)


Percentage of samples below -100 dBm threshold
16.88
16.86
16.84
16.82
16.80
16.78
Latitude
98.58
98.61
98.64
Longitude
perc_100
100
75
50
25
0
Google
Map data ©2018 Google


Percentage of Measurements below -100 dBm
100
90
80
70
60
50
40
30
20
10
500
550
600
650
700
750
800
Frequency (MHz)


100
80
60
40
20
0
500
1000
1500
2000
Measures

Sponsor

The project was supported by the Shuttleworth Foundation (https://www.shuttleworthfoundation.org/)

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