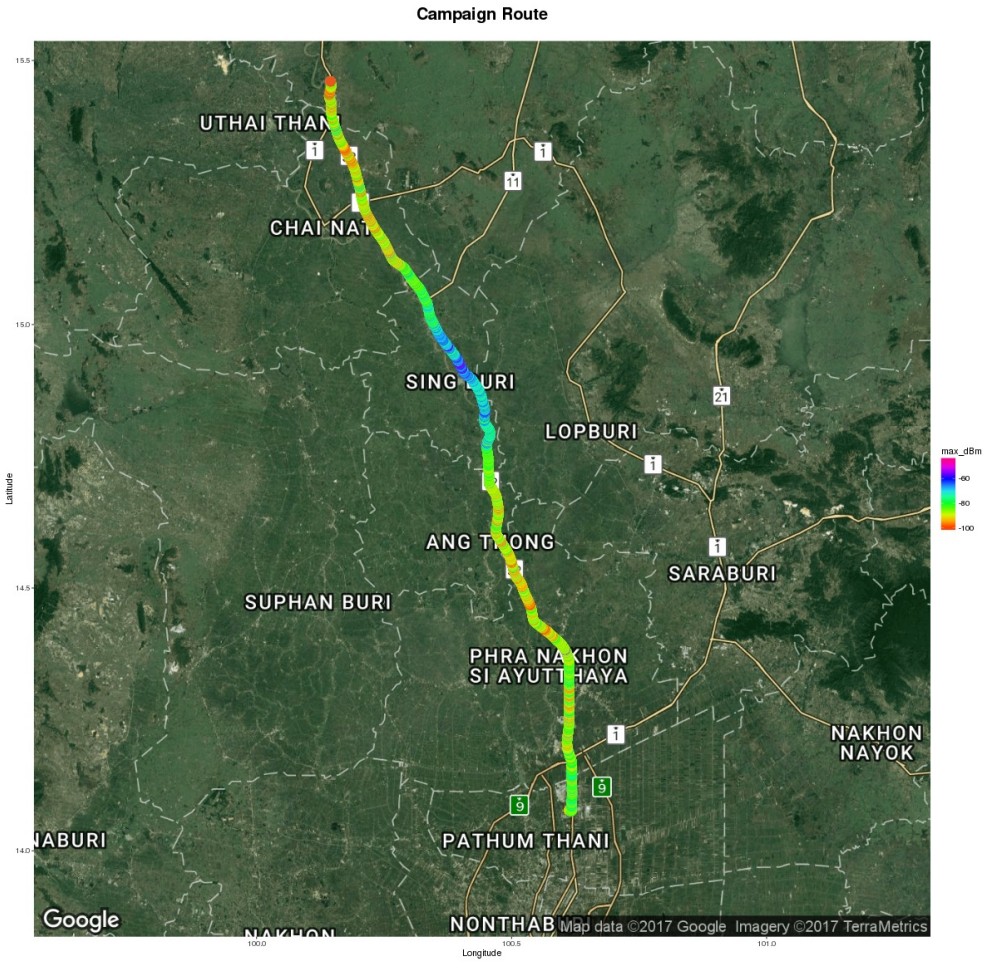
White Space analyzer

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.

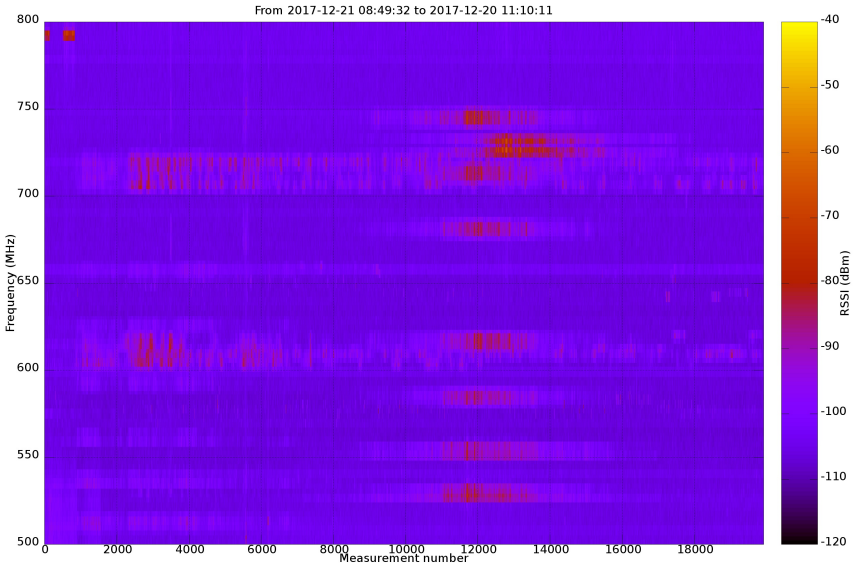
Campaign measurements info

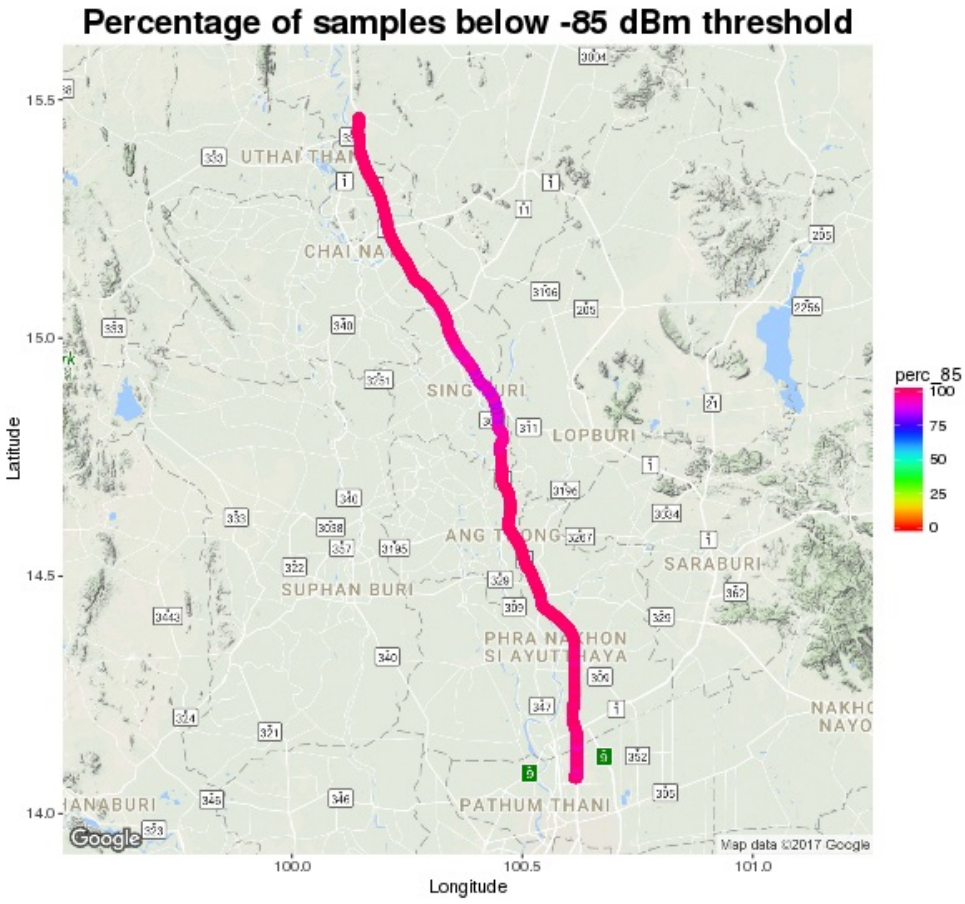


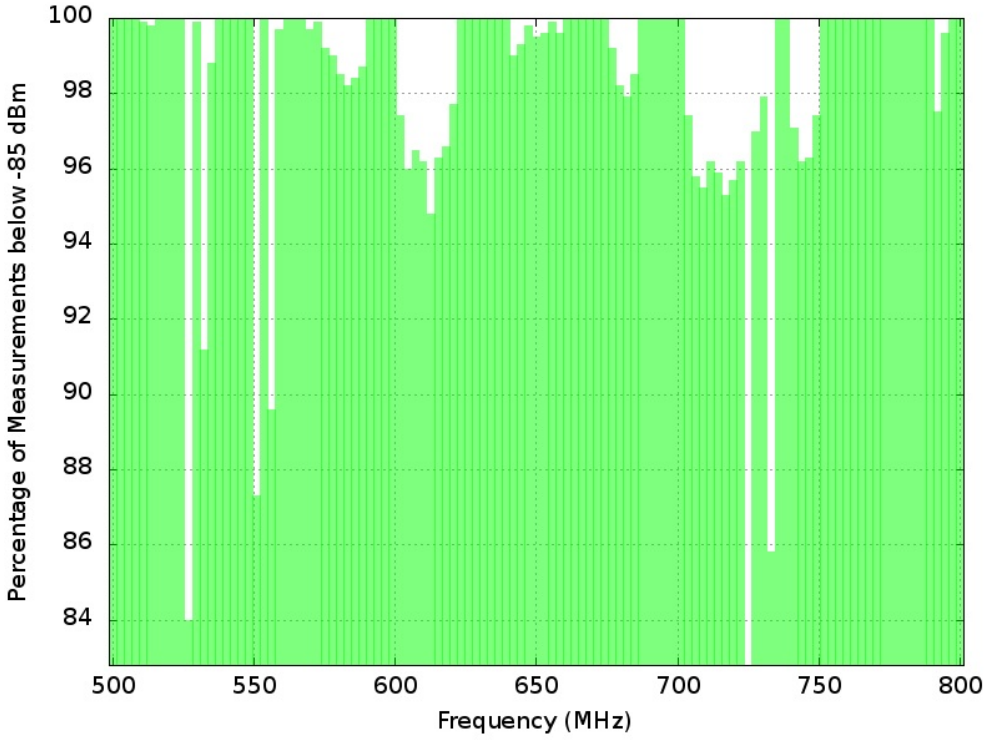
Info	Value
Campaign date:	2017-12-21
Campaign duration:	2:11:34 (hour:min:sec)
Route length:	170.4 Km
N. points:	19913
Country:	Thailand
Country Code:	TH
Place of measurement:	Ban Khlong Nueng
Region:	Pathum Thani
Population:	no info

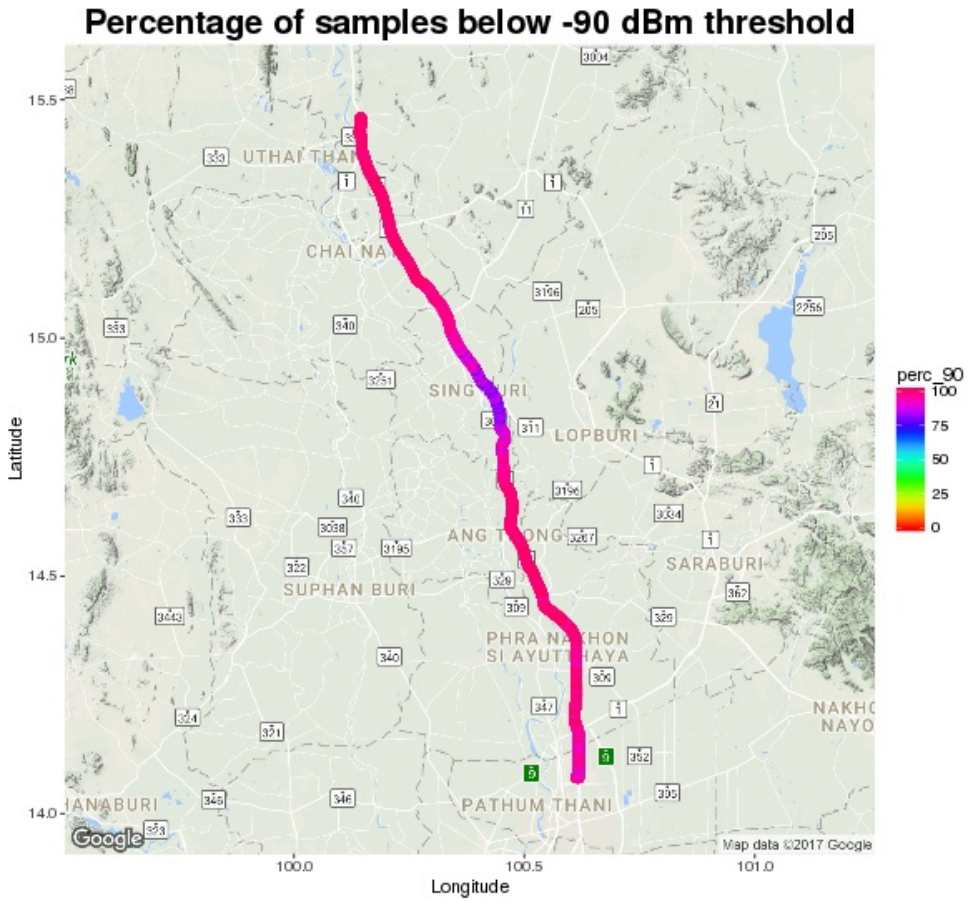
Spectrum Maps

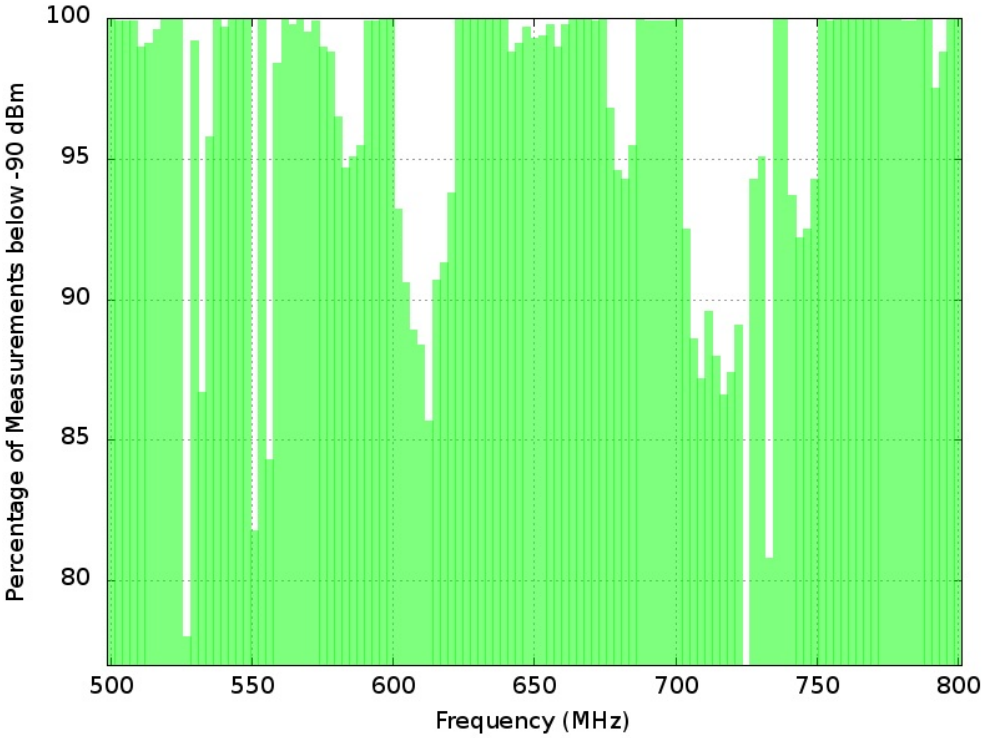
The first image shows power levels over time (number of measurements), the following images show different thresholds of spectrum occupancy.

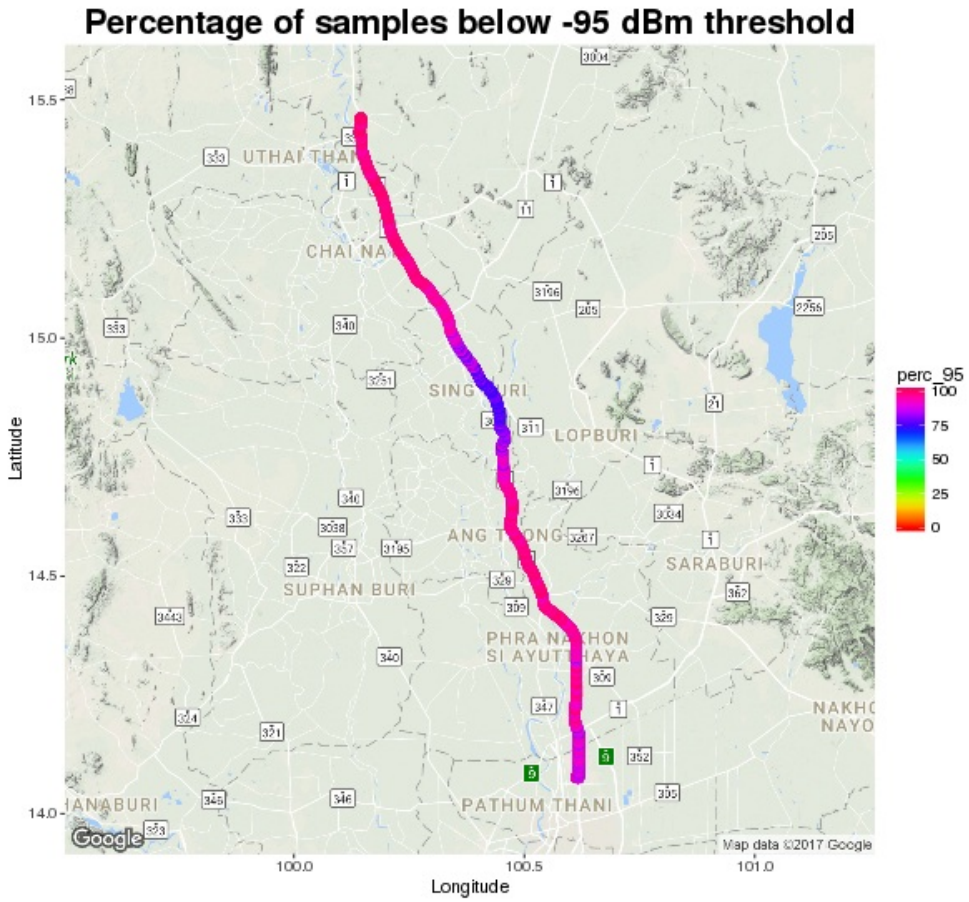


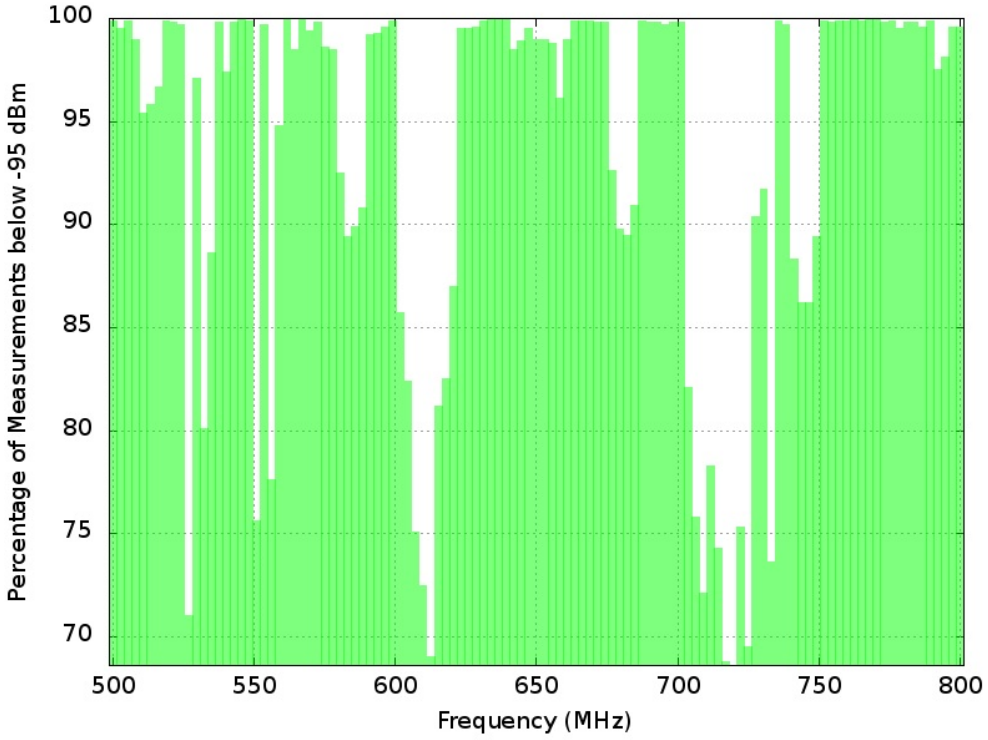


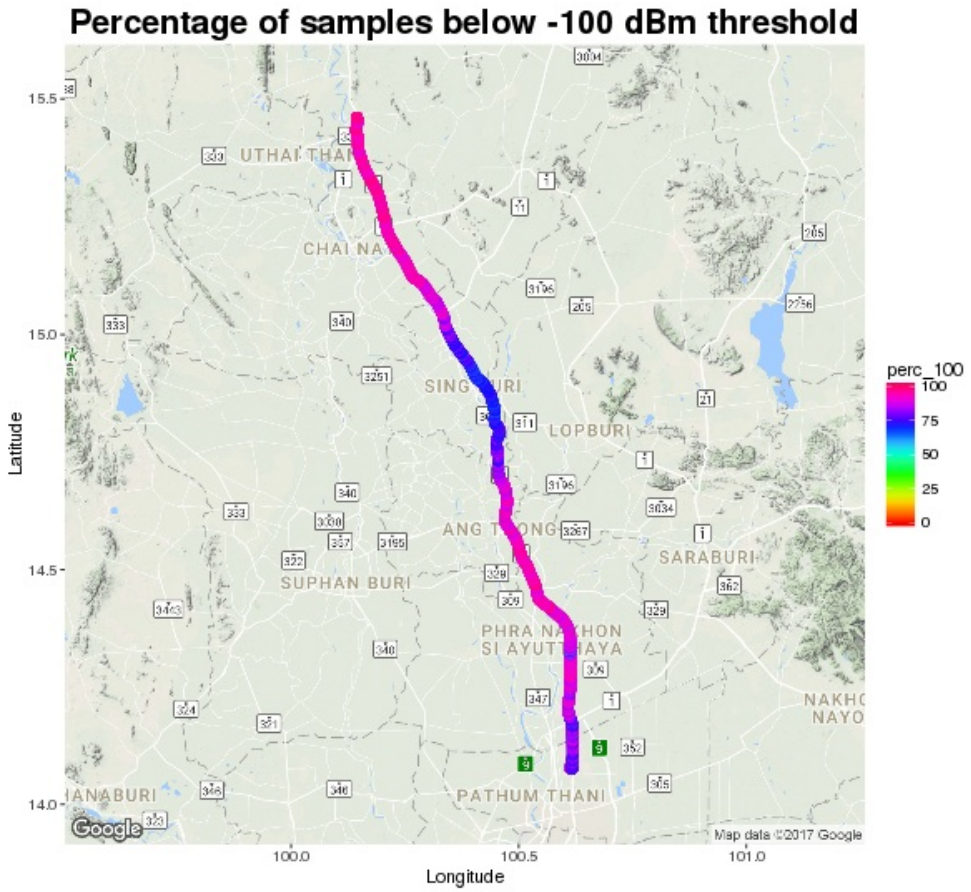

Percentage of Measurements below -85 dBm
100
98
96
94
92
90
88
86
84
500
550
600
650
700
750
800
Frequency (MHz)

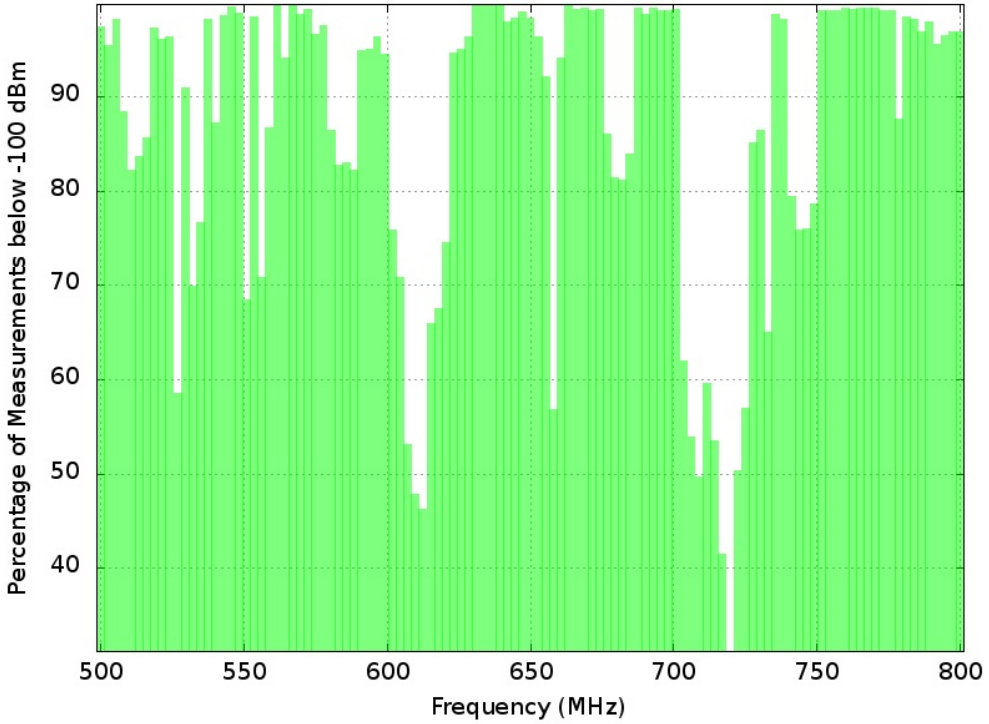

Percentage of samples below -90 dBm threshold
Latitude
15.5
15.0
14.5
14.0
100.0
100.5
101.0
Longitude
perc_90
100
75
50
25
0
UTHAI THANI
CHAI NAT
SINGBURI
LOPBURI
ANG THONG
SARABURI
SUPHAN BURI
PHRA NAKHON SI AYUTTHAYA
PATHUM THANI
Google
Map data ©2017 Google

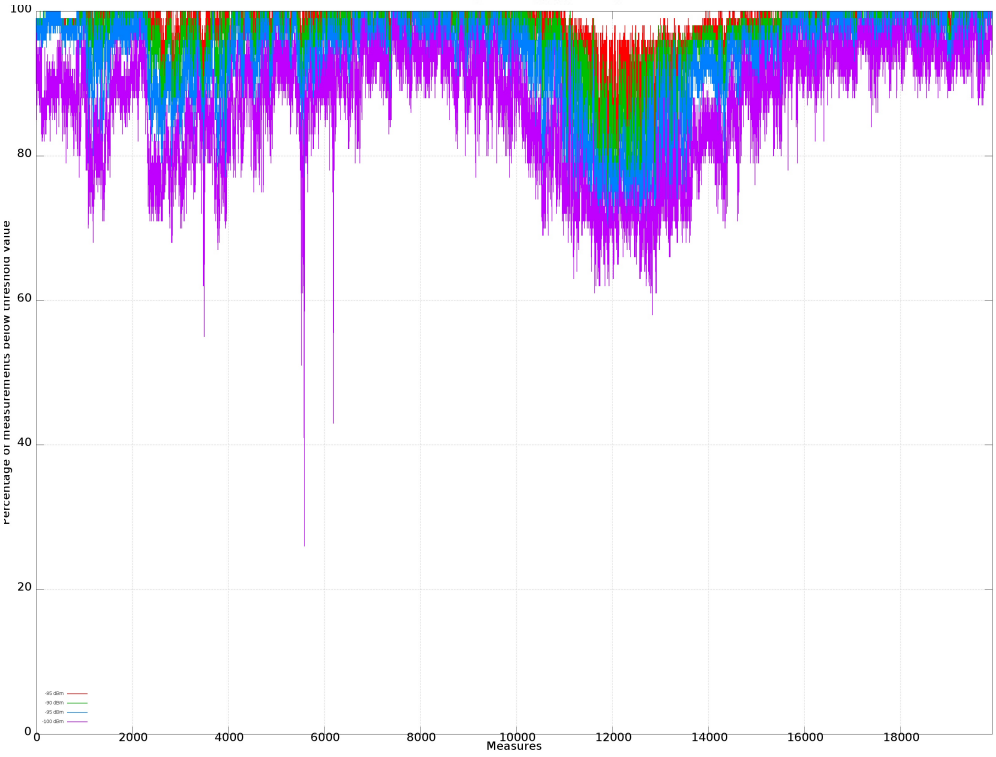

Percentage of Measurements below -90 dBm
100
95
90
85
80
500
550
600
650
700
750
800
Frequency (MHz)

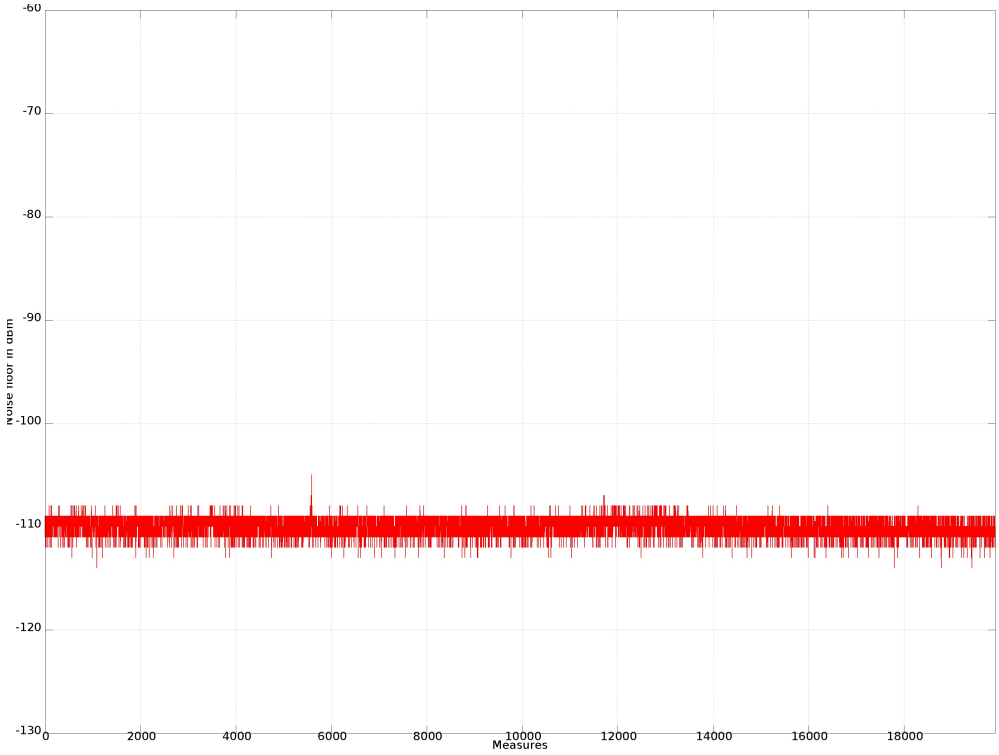

Percentage of samples below -95 dBm threshold
Latitude
15.5
15.0
14.5
14.0
100.0
100.5
101.0
Longitude
perc_95
100
75
50
25
0
UTHAI THANI
CHAI NAT
SINGBURI
LOPBURI
ANG THONG
SARABURI
SUPHAN BURI
PHRA NAKHON SI AYUTTHAYA
PATHUM THANI
Google
Map data ©2017 Google


Percentage of Measurements below -95 dBm
100
95
90
85
80
75
70
500
550
600
650
700
750
800
Frequency (MHz)


Percentage of samples below -100 dBm threshold
Latitude
15.5
15.0
14.5
14.0
100.0
100.5
101.0
Longitude
perc_100
100
75
50
25
0
UTHAI THANI
CHAI NAT
SINGBURI
LOPBURI
ANG THONG
SUPHAN BURI
SARABURI
PHRA NAKHON SI AYUTTHAYA
PATHUM THANI
Google
Map data ©2017 Google


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


100
80
60
40
20
0
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
Measures



Sponsor

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Marco Rainone - SolviTech (https://www.linkedin.com/in/marcorainone)