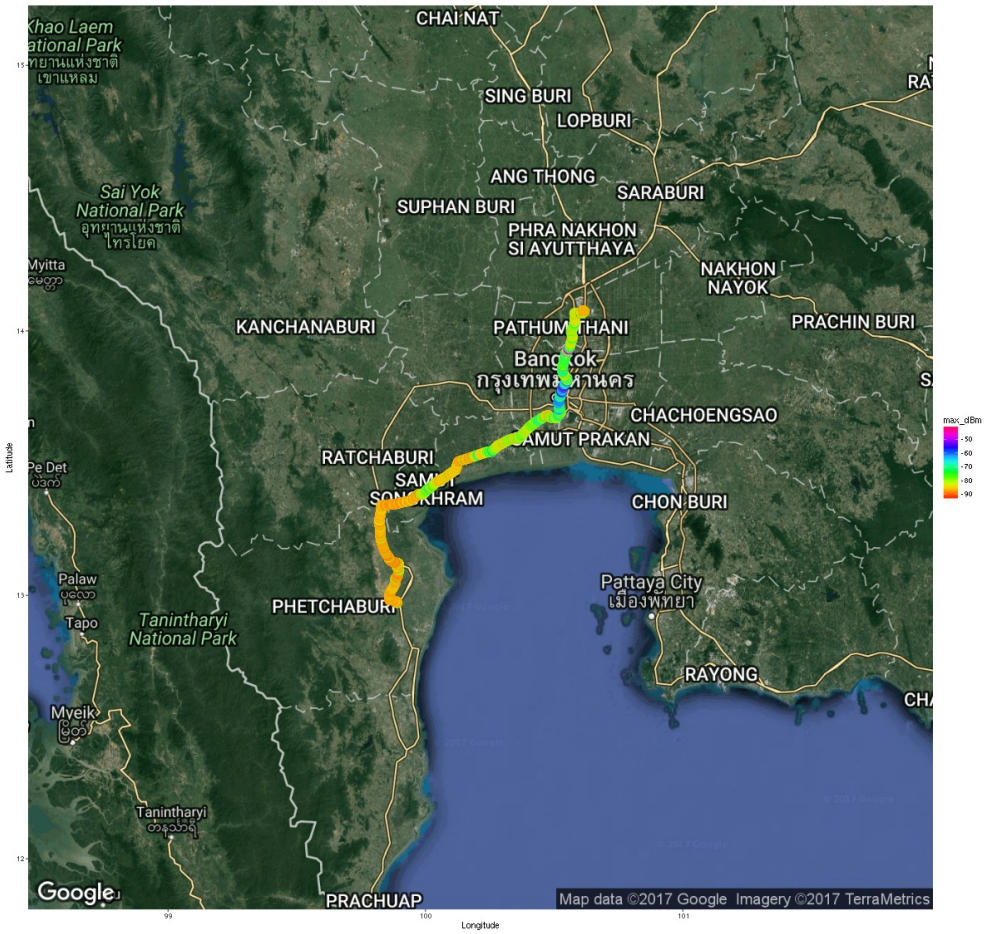
White Space analyzer

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

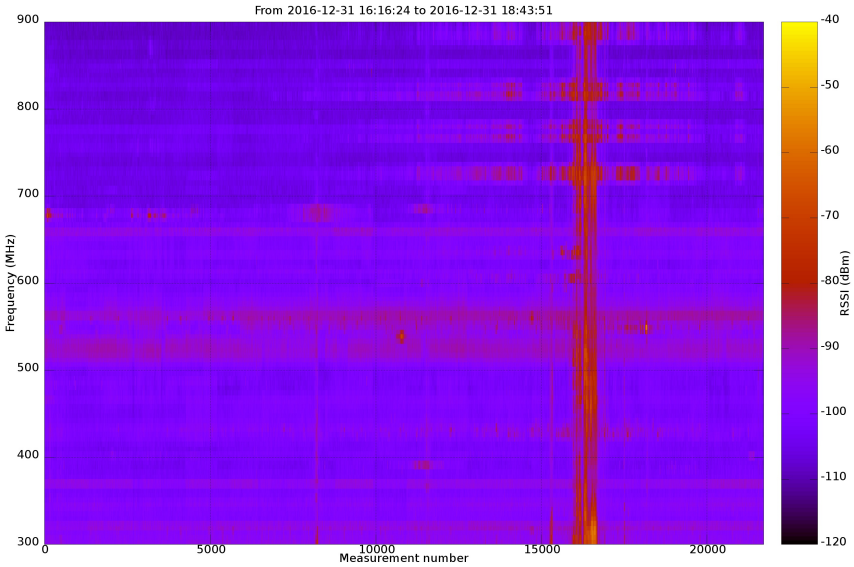
Campaign Route

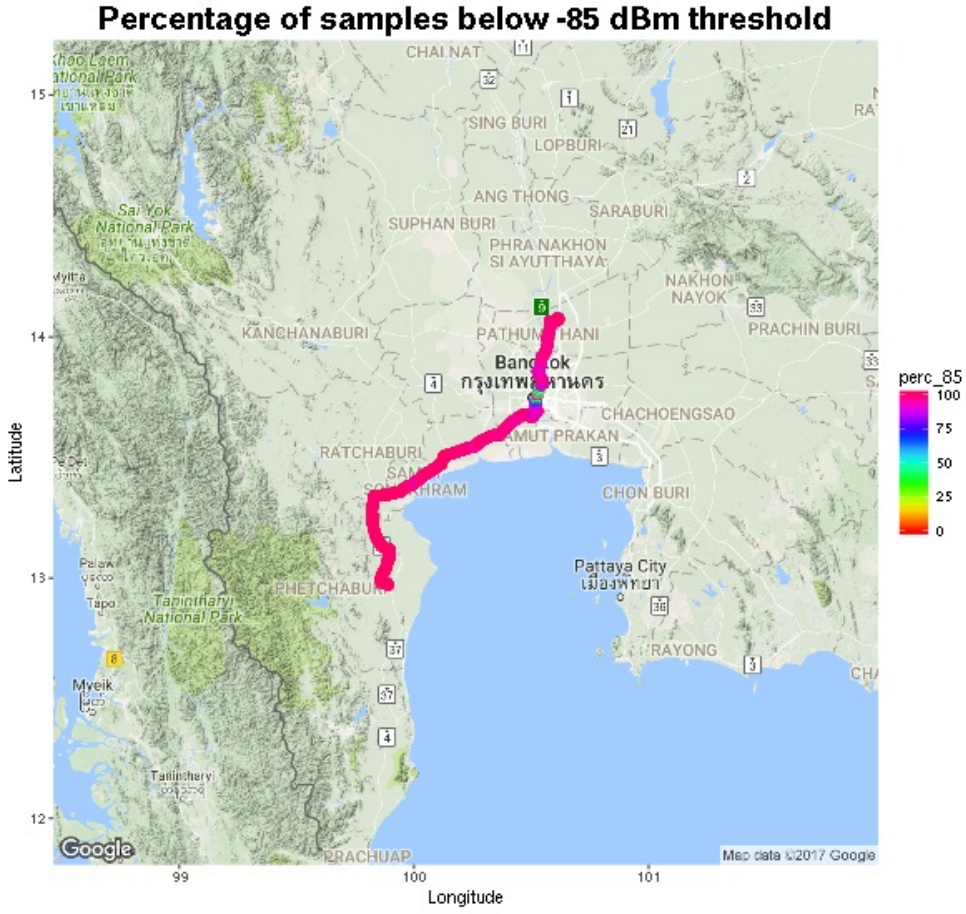


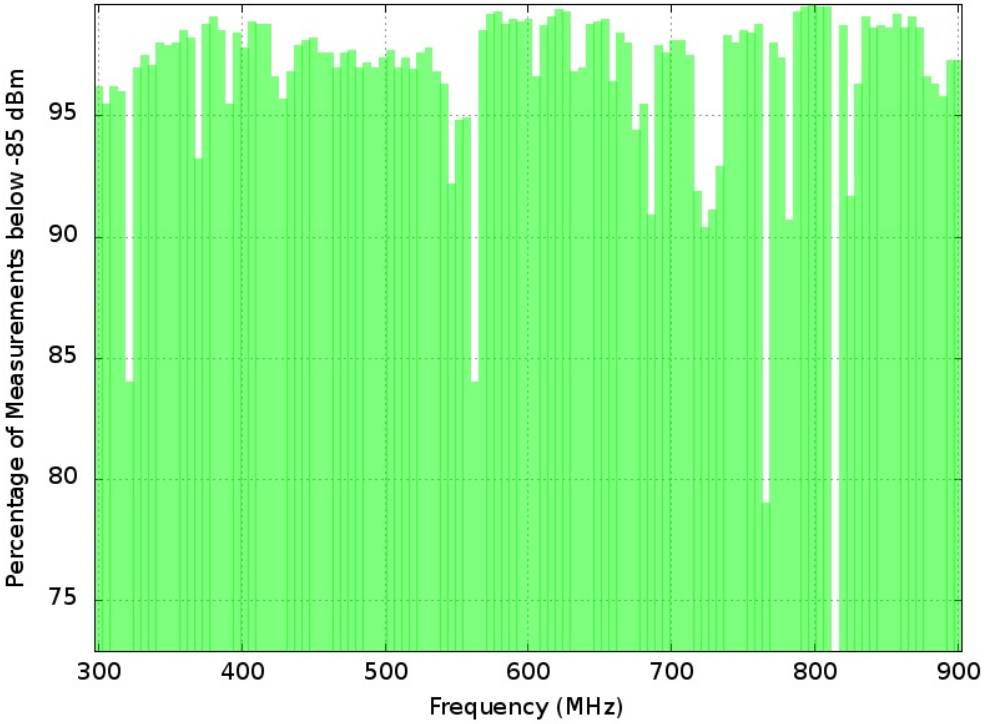
Info	Value
Campaign date:	2016-12-31
Campaign duration:	2:27:27 (hour:min:sec)
Route length:	190.9 Km
N. points:	21710
Country:	Thailand
Country Code:	TH
Place of measurement:	Ban Tha Khoi
Region:	Phetchaburi
Population:	no info

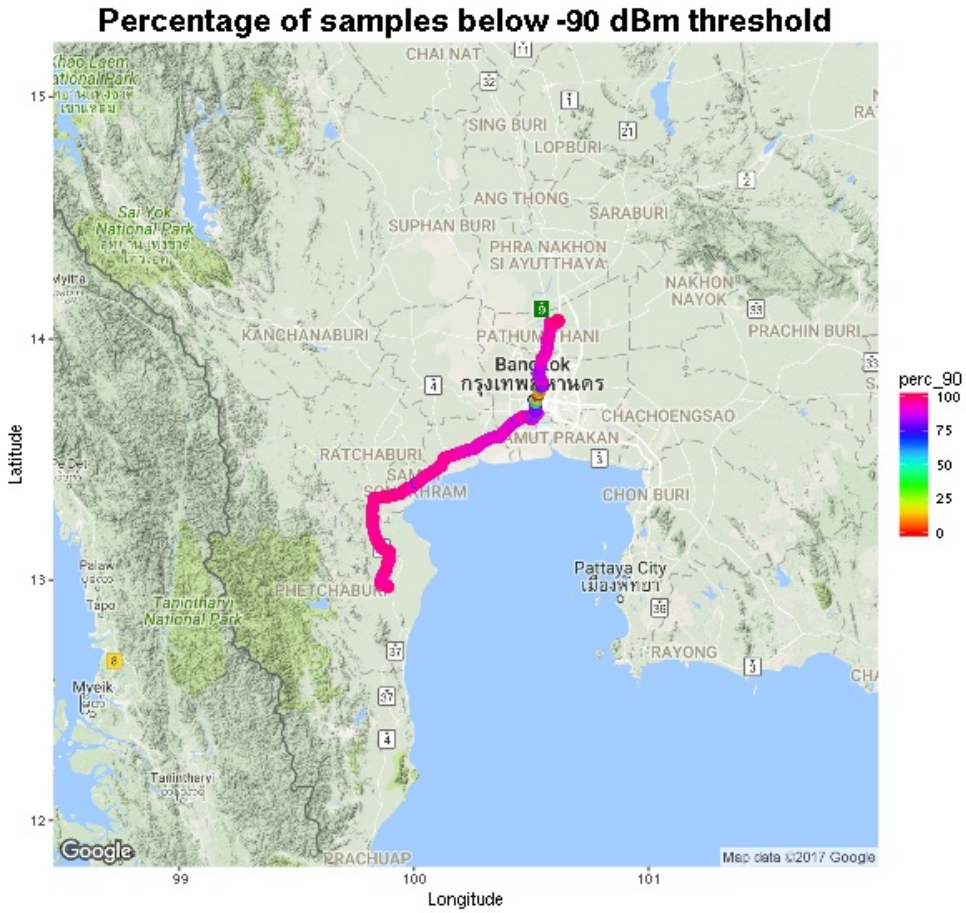
Spectrum Maps

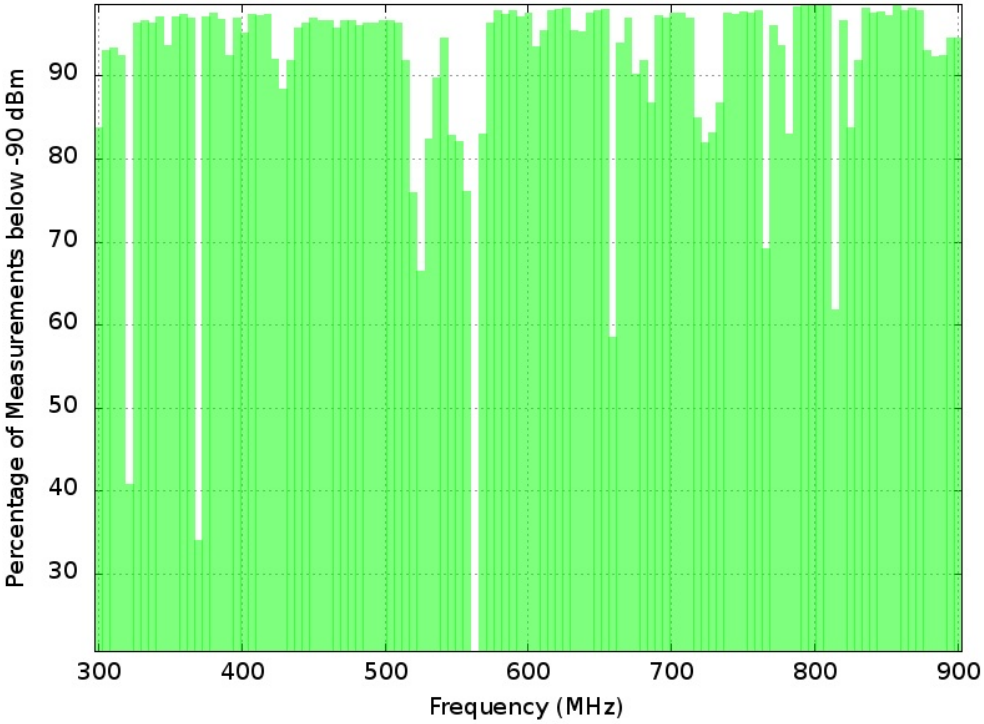
The first image shows power levels over time (number of measurements), the following images show different thresholds of spectrum occupancy.

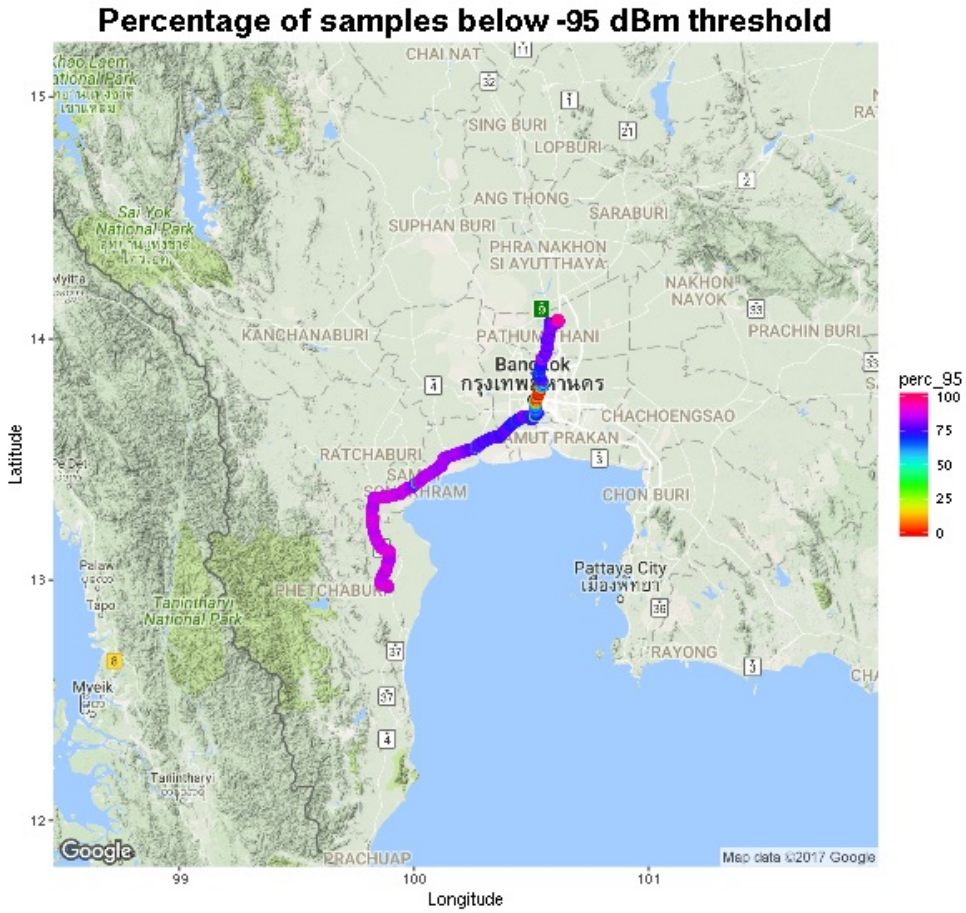


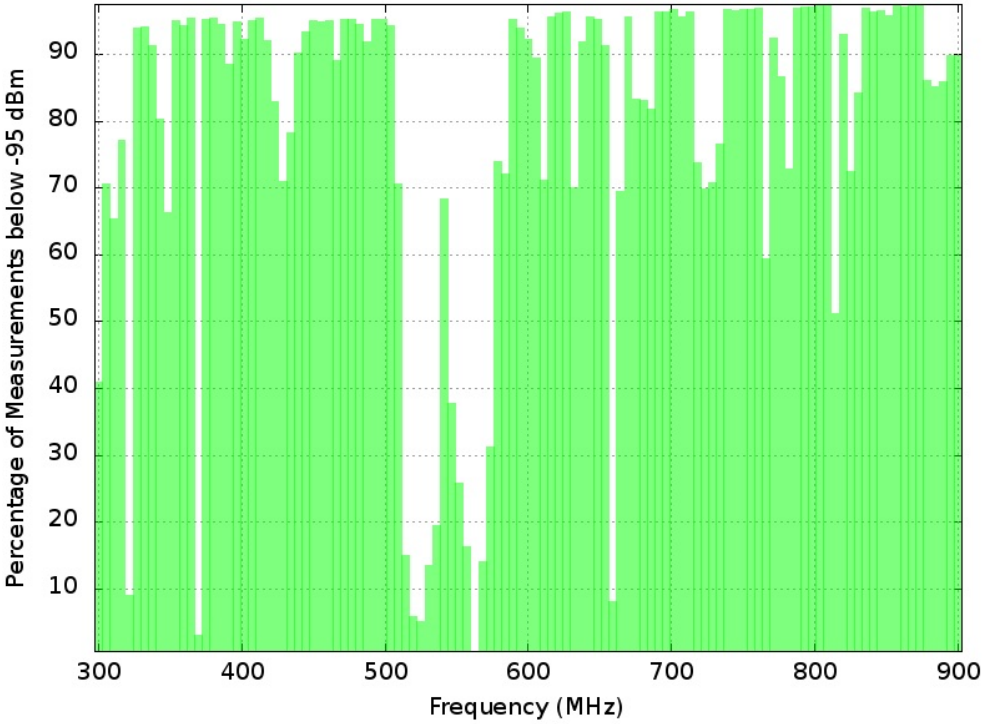


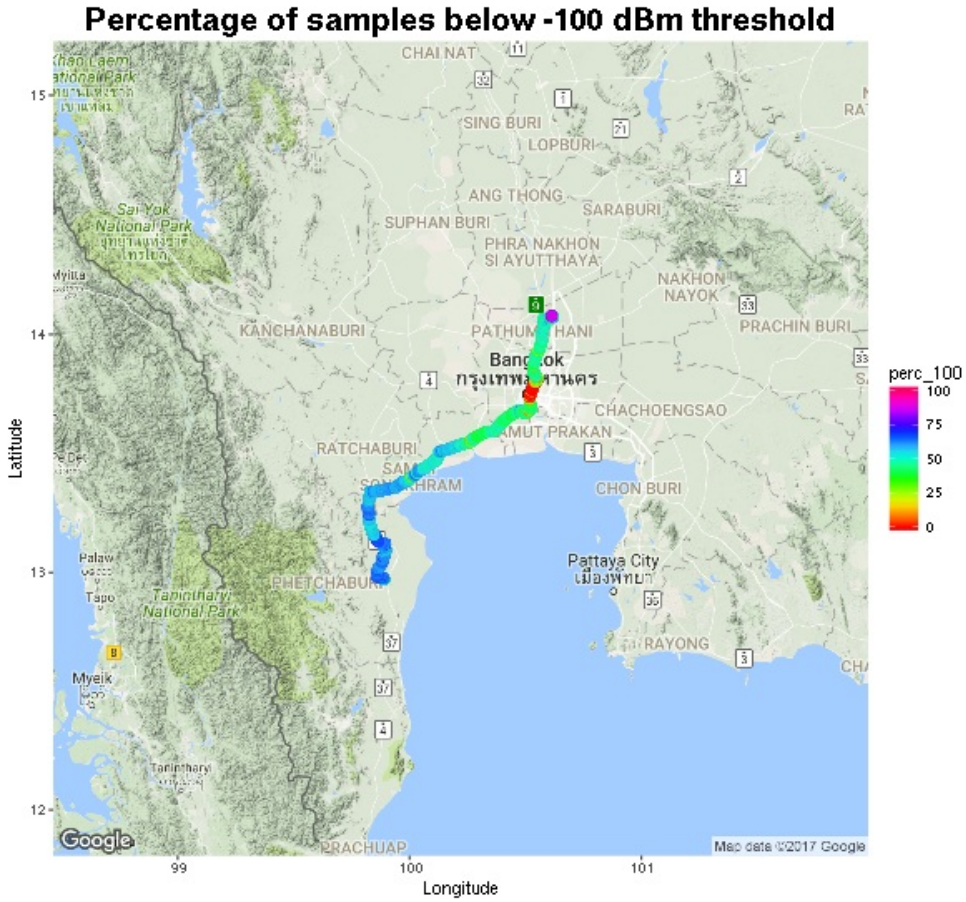

Percentage of Measurements below -85 dBm
95
90
85
80
75
300
400
500
600
700
800
900
Frequency (MHz)

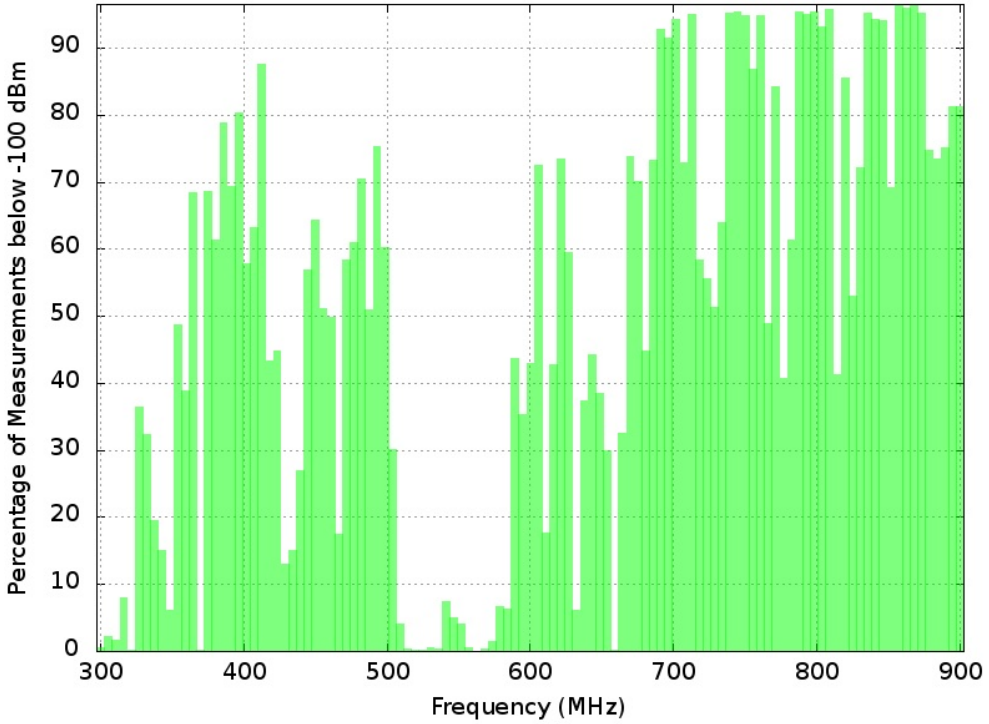

Percentage of samples below -90 dBm threshold
CHAI NAT
SING BURI
LOPBURI
ANG THONG
SARABURI
SUPHAN BURI
PHRA NAKHON SI AYUTTHAYA
NAKHON NAYOK
PRACHIN BURI
KANCHANABURI
PATHUM THANI
Bangkok
กรุงเทพมหานคร
CHACHOENGSAO
SAMUT PRAKAN
RATCHABURI
CHON BURI
Pattaya City
เมืองพัทยา
RAYONG
PHETCHABURI
PRACHUAP
Sai Yok National Park
Tanintharyi National Park
Myeik
Tavoy
Google
Map data ©2017 Google
perc_90
100
75
50
25
0
Latitude
15
14
13
12
99
100
101
Longitude

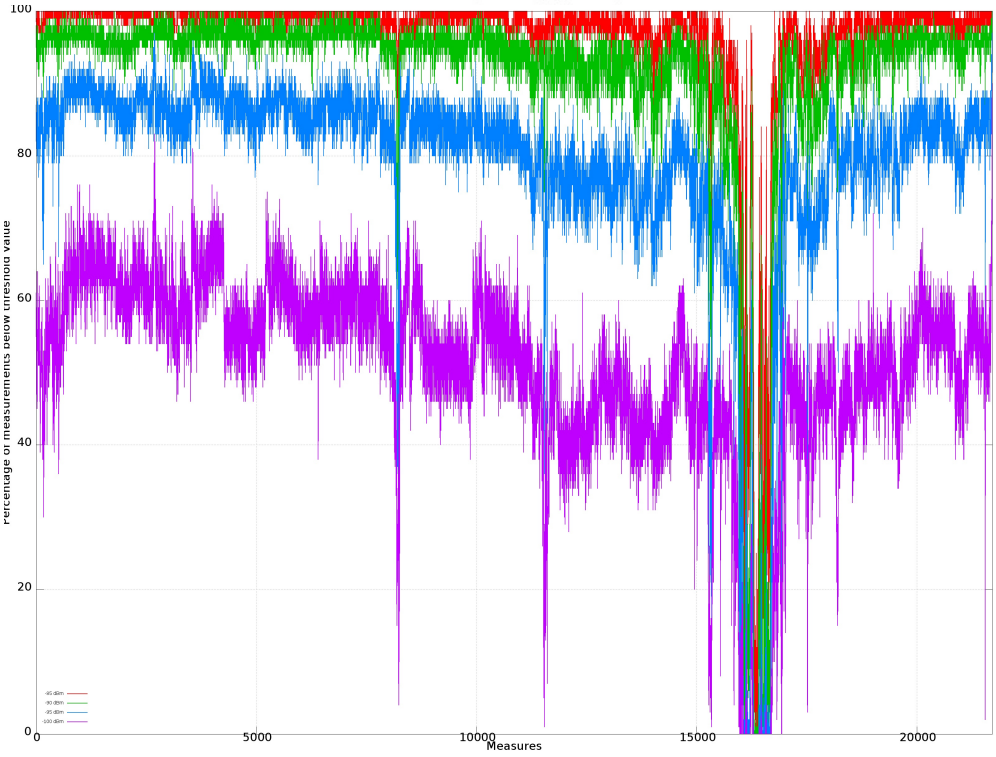

Percentage of Measurements below -90 dBm
90
80
70
60
50
40
30
300
400
500
600
700
800
900
Frequency (MHz)

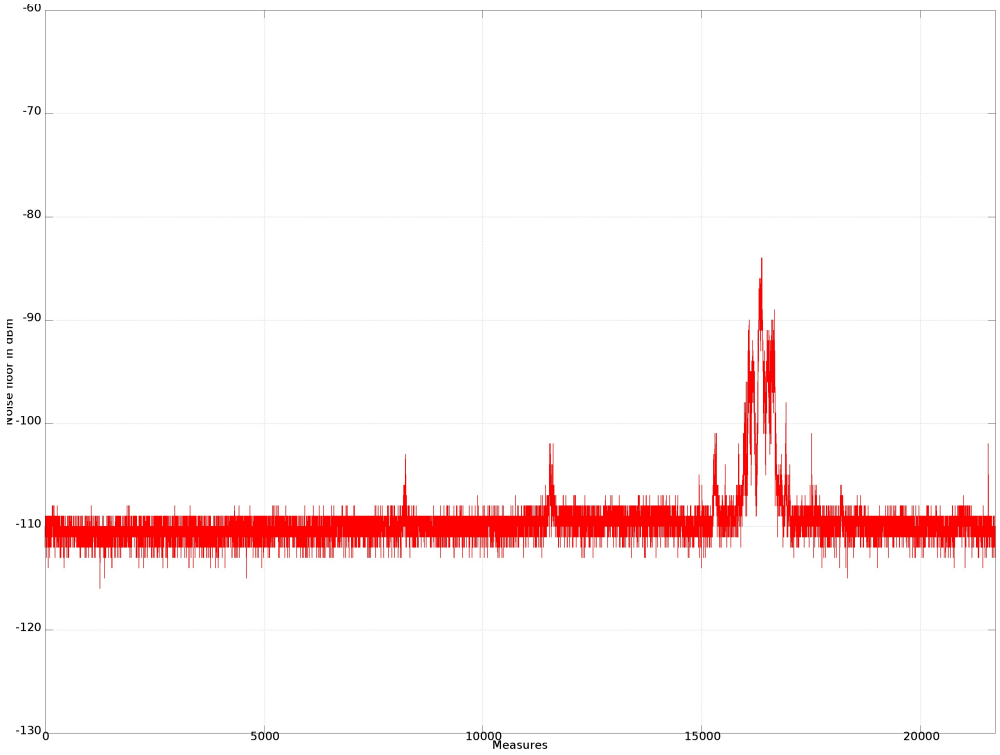

Percentage of samples below -95 dBm threshold
CHAI NAT
SING BURI
LOPBURI
ANG THONG
SARABURI
SUPHAN BURI
PHRA NAKHON SI AYUTTHAYA
NAKHON NAYOK
PRACHIN BURI
KANCHANABURI
PATHUM THANI
Bangkok
กรุงเทพมหานคร
CHACHOENGSAO
SAMUT PRAKAN
RATCHABURI
CHON BURI
Pattaya City
เมืองพัทยา
RAYONG
PHETCHABURI
PRACHUAP
Sai Yok National Park
Tanintharyi National Park
Myeik
Google
Map data ©2017 Google
perc_95
100
75
50
25
0
Latitude
15
14
13
12
99
100
101
Longitude


Percentage of Measurements below -95 dBm
90
80
70
60
50
40
30
20
10
300
400
500
600
700
800
900
Frequency (MHz)


Percentage of samples below -100 dBm threshold
Latitude
15
14
13
12
99
100
101
Longitude
perc_100
100
75
50
25
0
CHAI NAT
SING BURI
LOPBURI
ANG THONG
SARABURI
SUPHAN BURI
PHRA NAKHON SI AYUTTHAYA
NAKHON NAYOK
PRACHIN BURI
KANCHANABURI
PATHUM THANI
Bangkok
กรุงเทพมหานคร
CHACHOENGSAO
SAMUT PRAKAN
RATCHABURI
CHON BURI
PHETCHABURI
Pattaya City
เมืองพัทยา
RAYONG
Sai Yok National Park
Tanintharyi National Park
Myeik
PRACHUAP
Google
Map data ©2017 Google


Percentage of Measurements below -100 dBm
0
10
20
30
40
50
60
70
80
90
300
400
500
600
700
800
900
Frequency (MHz)


Percentage of measurements below threshold value
0
20
40
60
80
100
0
5000
10000
15000
20000
Measures



Sponsor

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SHUTTLEWORTH FUNDED

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