White Space analyzer

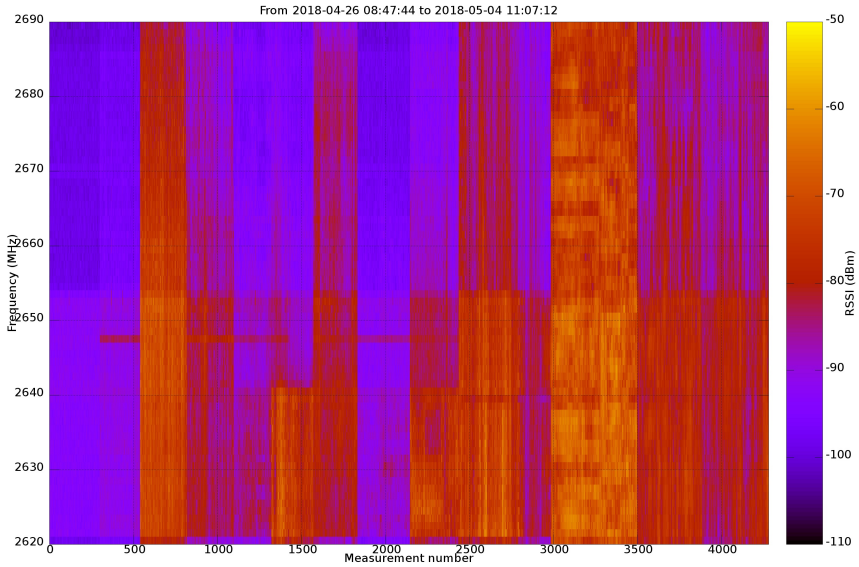
Measurements carried out with RFTrack (http://wireless.ictp.it/tvws/rftrack/) over the specified frequency range and antenna.
Remember that most TV signals are vertically polarized.
The received signal level measured in dBm is dependent on the antenna gain and orientation.

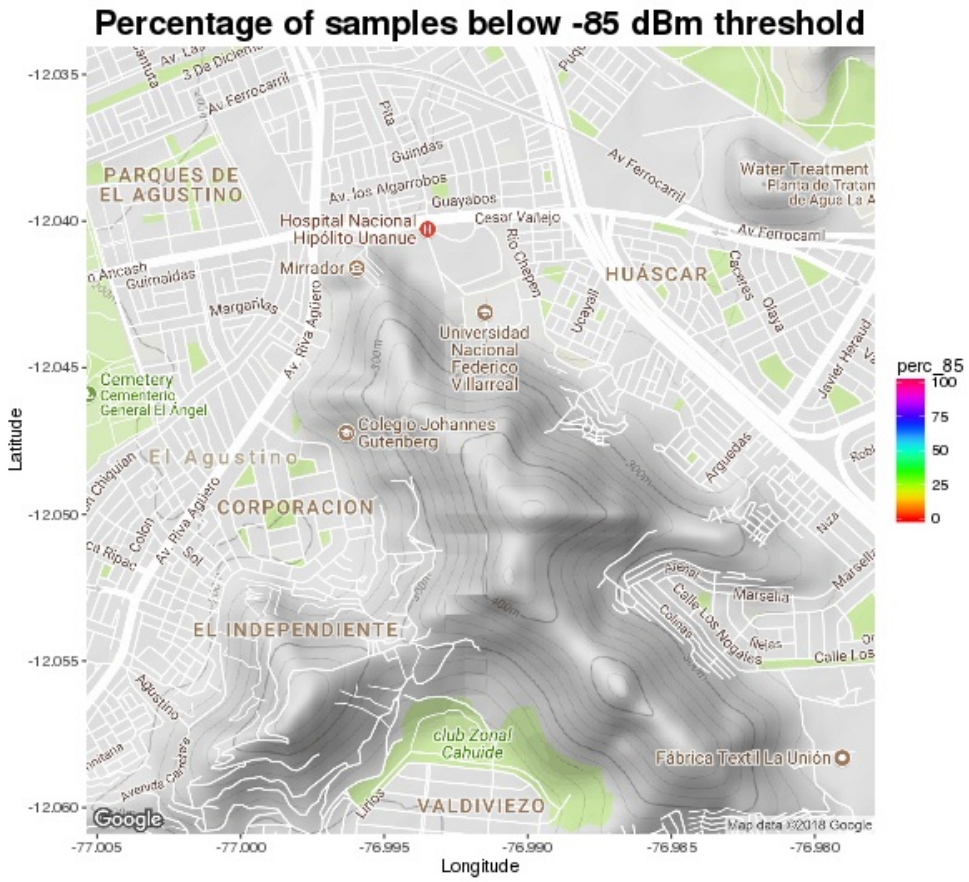
Campaign measurements info

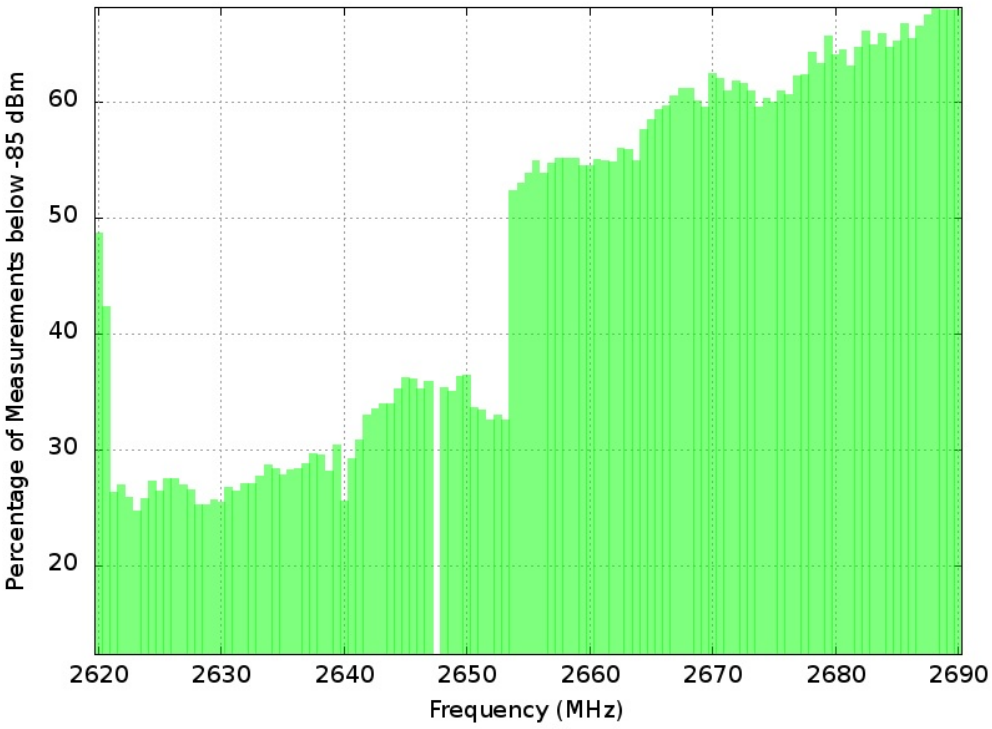
Info	Value
Campaign date:	2018-04-26
Campaign duration:	-525:-40:-32 (hour:min:sec)
Route length:	42.8 Km
N. points:	4281
Country:	no info
Country Code:	PE
Place of measurement:	Urbanización Higuereta
Region:	no info
Population:	0

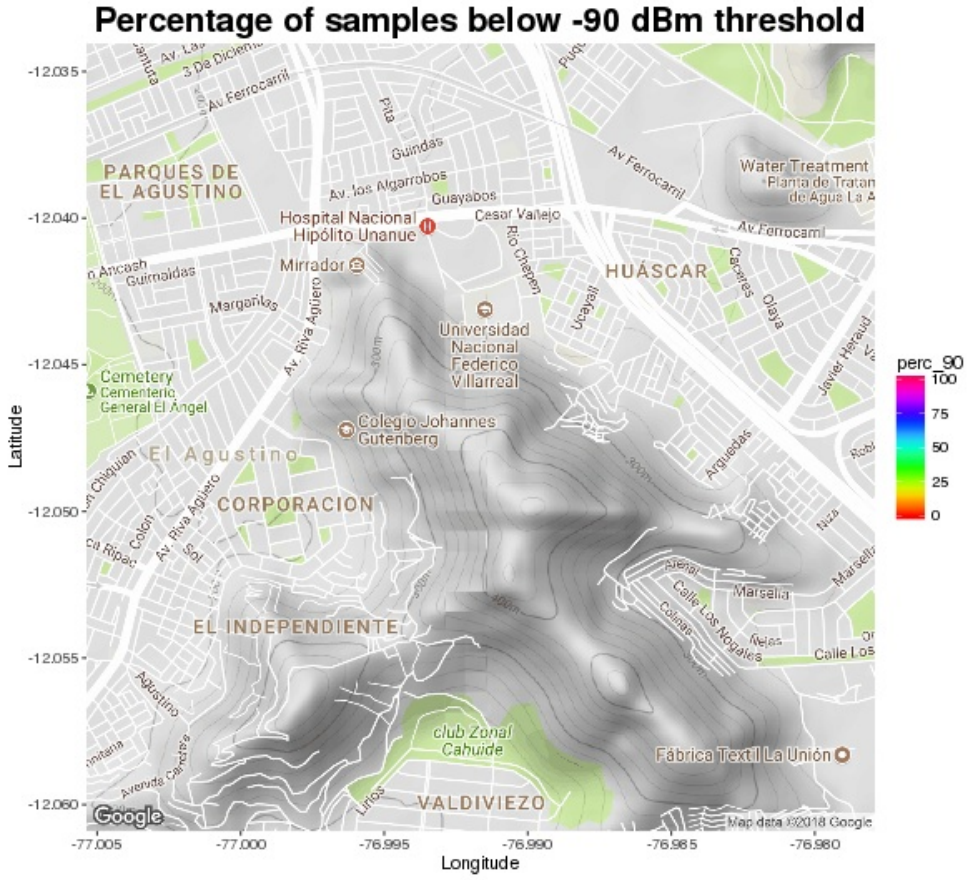
Spectrum Maps

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
60
50
40
30
20
2620
2630
2640
2650
2660
2670
2680
2690
Frequency (MHz)


Percentage of samples below -90 dBm threshold
Latitude
-12.035
-12.040
-12.045
-12.050
-12.055
-12.060
-77.005
-77.000
-76.995
-76.990
-76.985
-76.980
Longitude
perc_90
100
75
50
25
0
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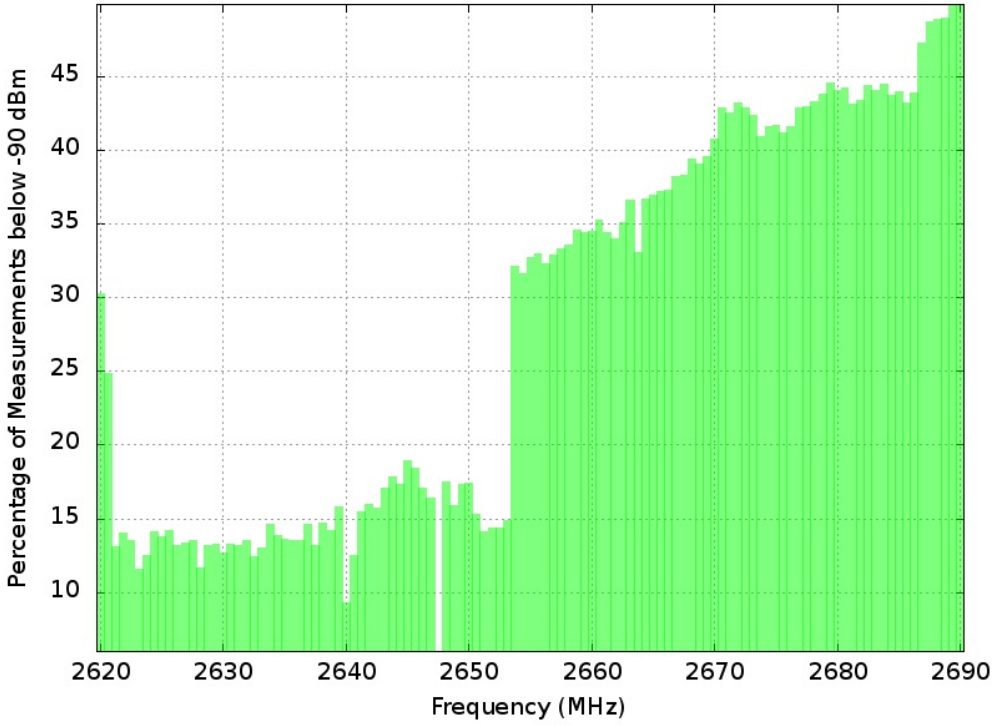
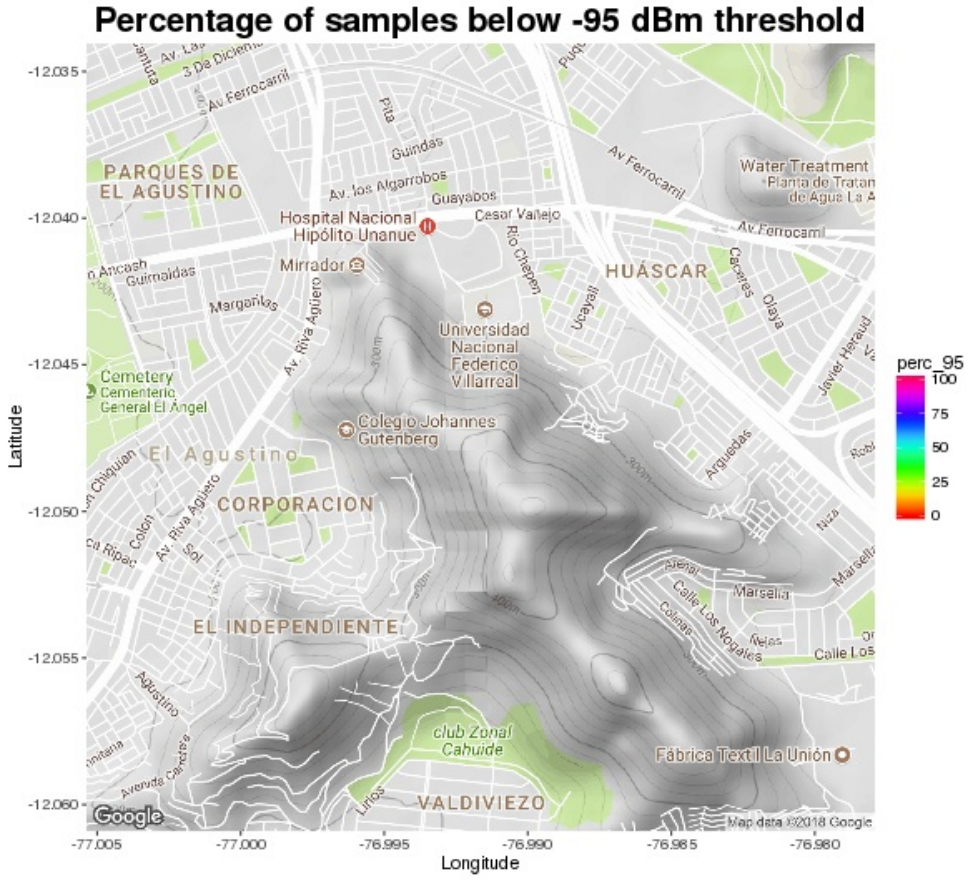
Mirrador
Universidad Nacional Federico Villarreal
HUÁSCAR
Water Treatment
Cemetery
Cementerio General El Ángel
Colegio Johannes Gutenberg
El Agustino
CORPORACION
EL INDEPENDIENTE
club Zonal Cahuide
VALDIVIEZO
Fábrica Textil La Unión
Av Ferrocarril
Av. los Algarrobos
Guayabos
Cesar Vallejo
Av. Riva Agüero
Google
Map data ©2018 Google


Percentage of Measurements below -90 dBm
45
40
35
30
25
20
15
10
2620
2630
2640
2650
2660
2670
2680
2690
Frequency (MHz)


Percentage of samples below -95 dBm threshold
Latitude
-12.035
-12.040
-12.045
-12.050
-12.055
-12.060
-77.005
-77.000
-76.995
-76.990
-76.985
-76.980
Longitude
perc_95
100
75
50
25
0
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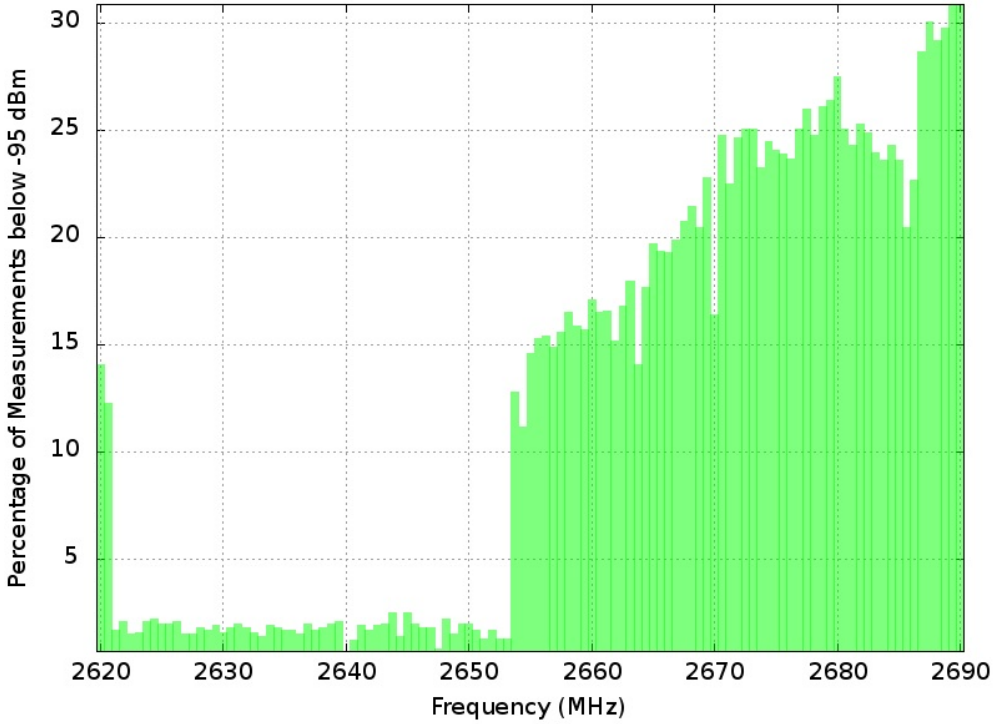
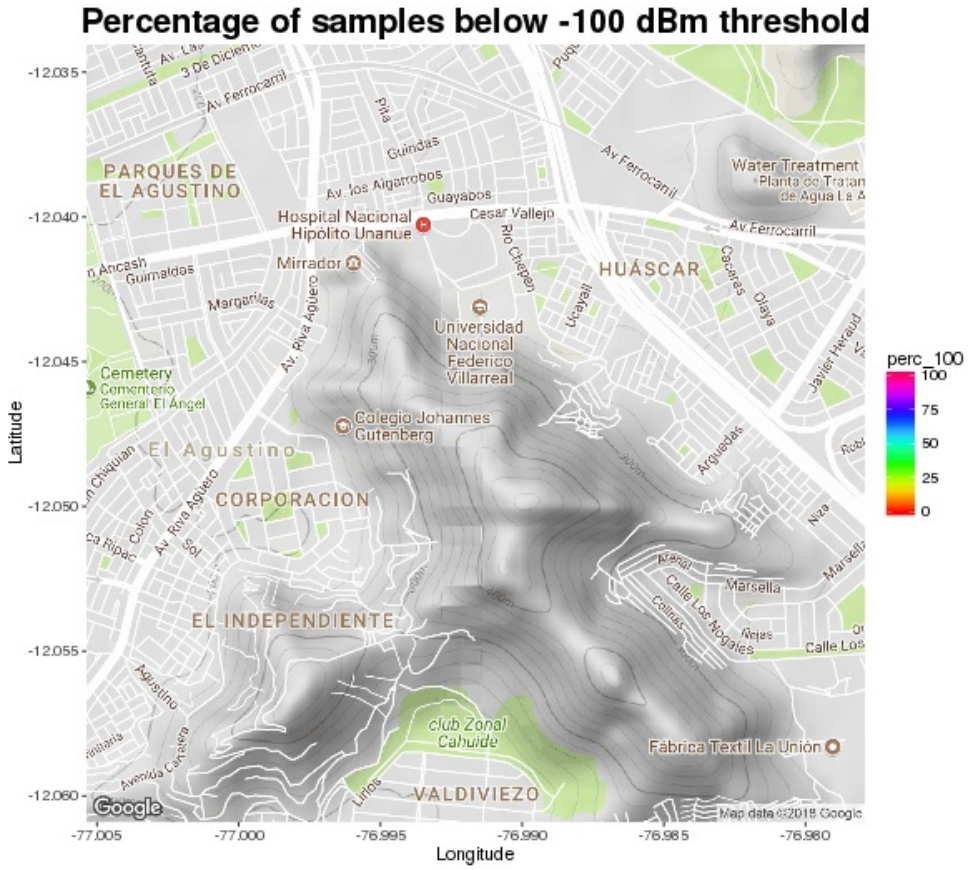
Av. Riva Agüero
Marsella
Calle Los Nogales
Google
Map data ©2018 Google


Percentage of Measurements below -95 dBm
30
25
20
15
10
5
2620
2630
2640
2650
2660
2670
2680
2690
Frequency (MHz)


Percentage of samples below -100 dBm threshold
Latitude
-12.035
-12.040
-12.045
-12.050
-12.055
-12.060
Longitude
-77.005
-77.000
-76.995
-76.990
-76.985
-76.980
perc_100
100
75
50
25
0
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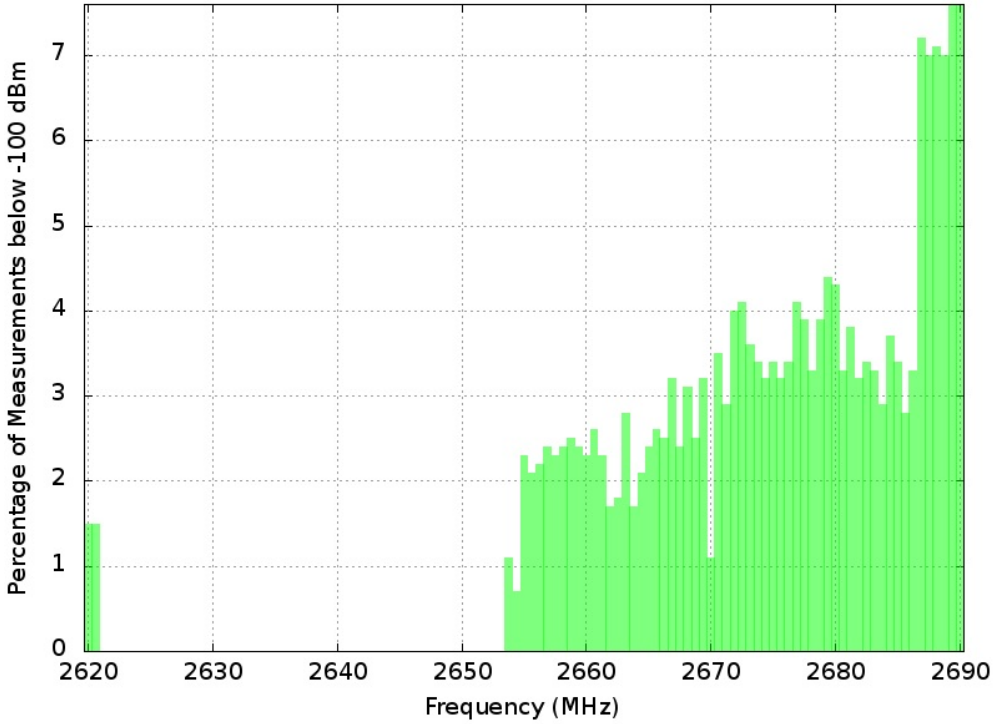
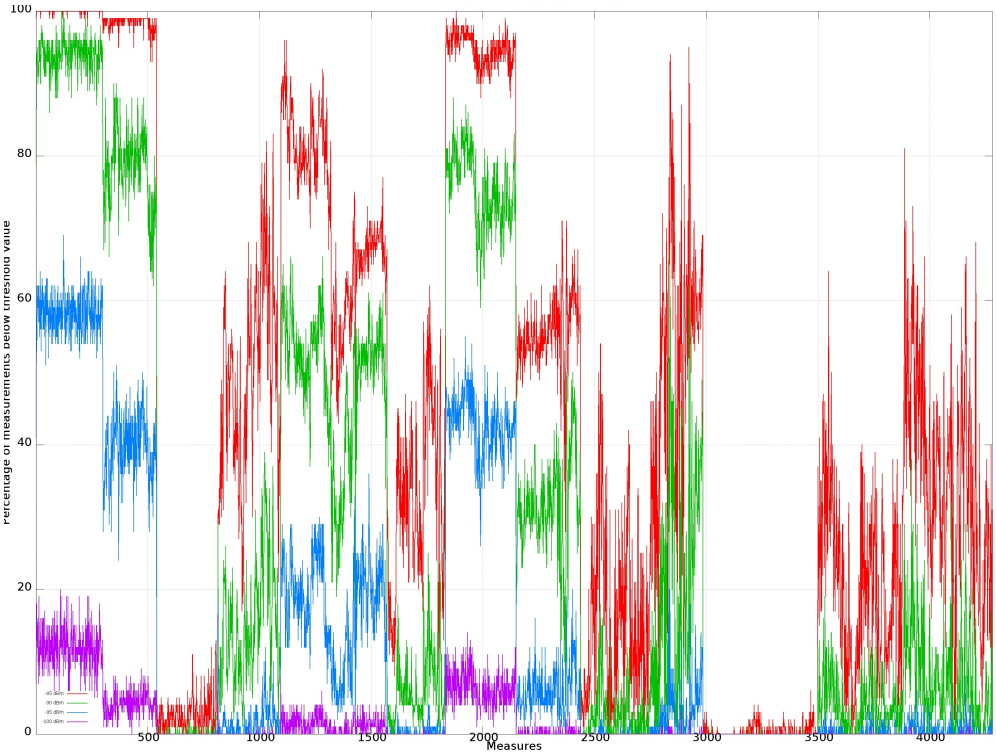
Map data ©2018 Google


Percentage of Measurements below -100 dBm
0
1
2
3
4
5
6
7
2620
2630
2640
2650
2660
2670
2680
2690
Frequency (MHz)


Percentage of measurements below threshold value
0
20
40
60
80
100
500
1000
1500
2000
2500
3000
3500
4000
Measures

Sponsor

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