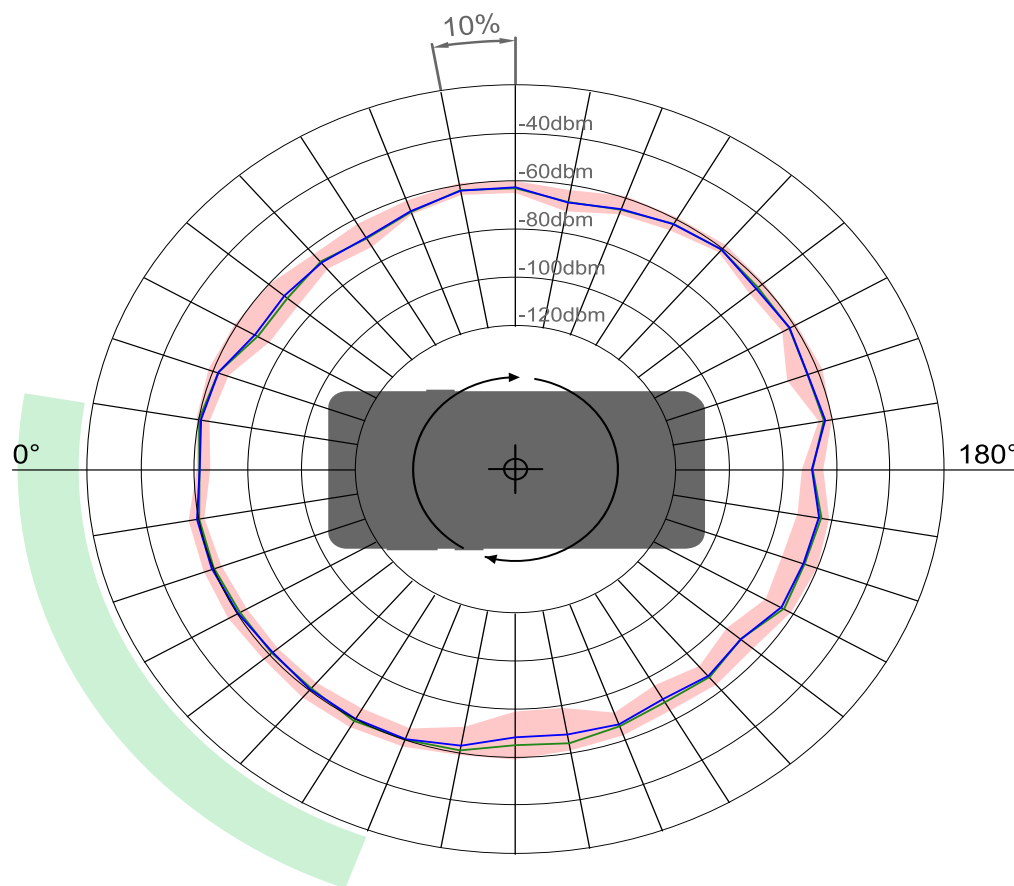
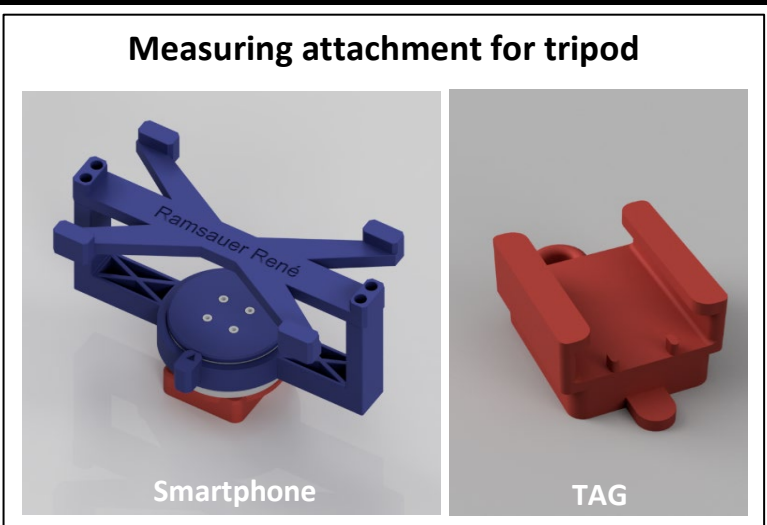
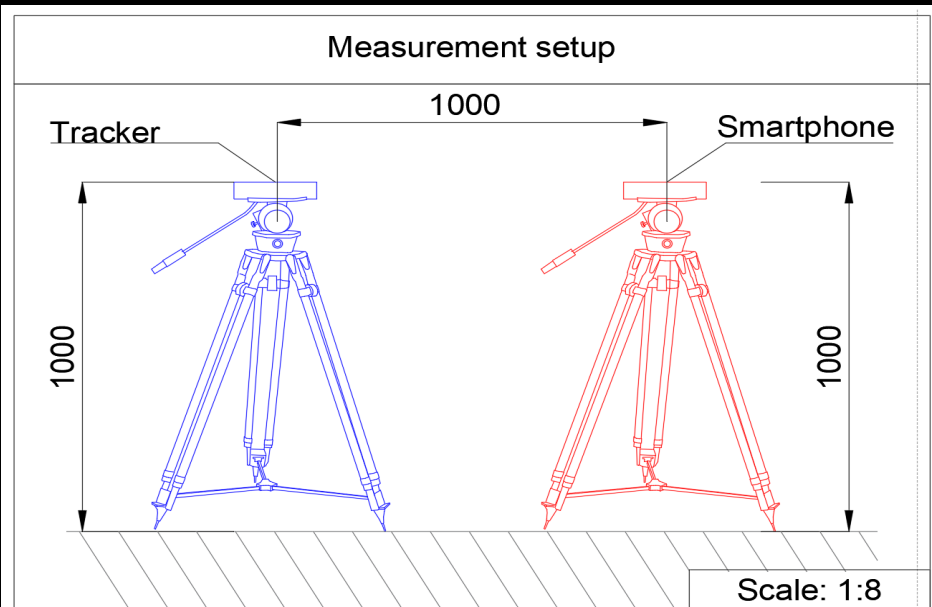
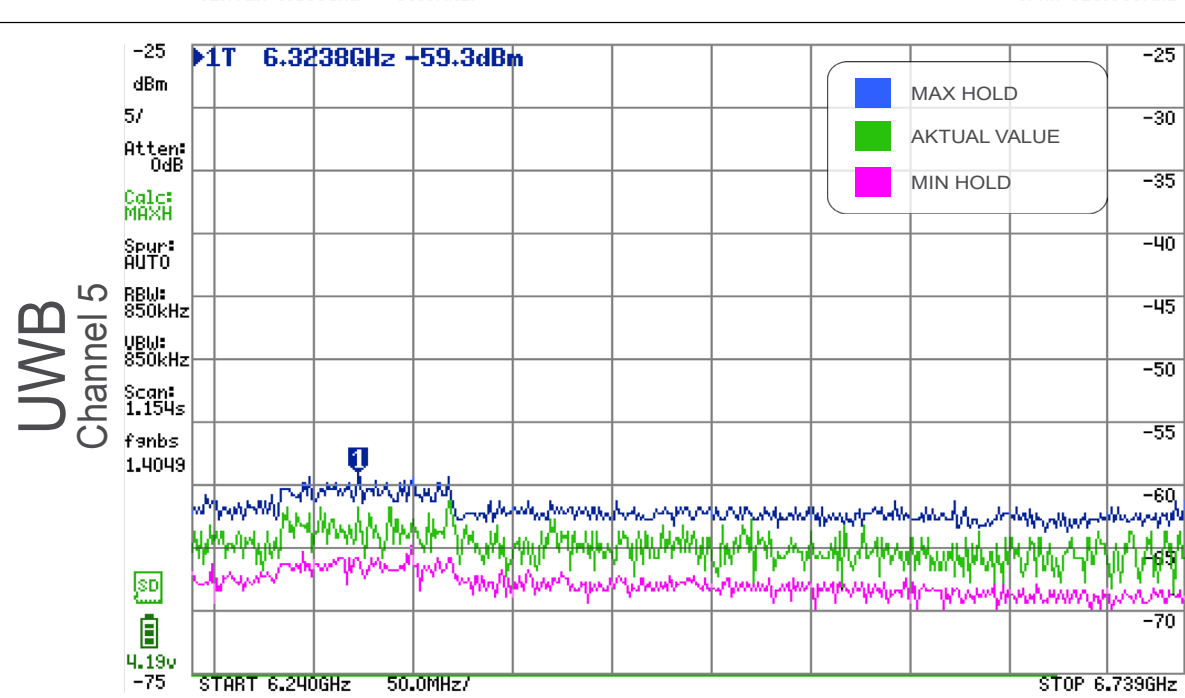
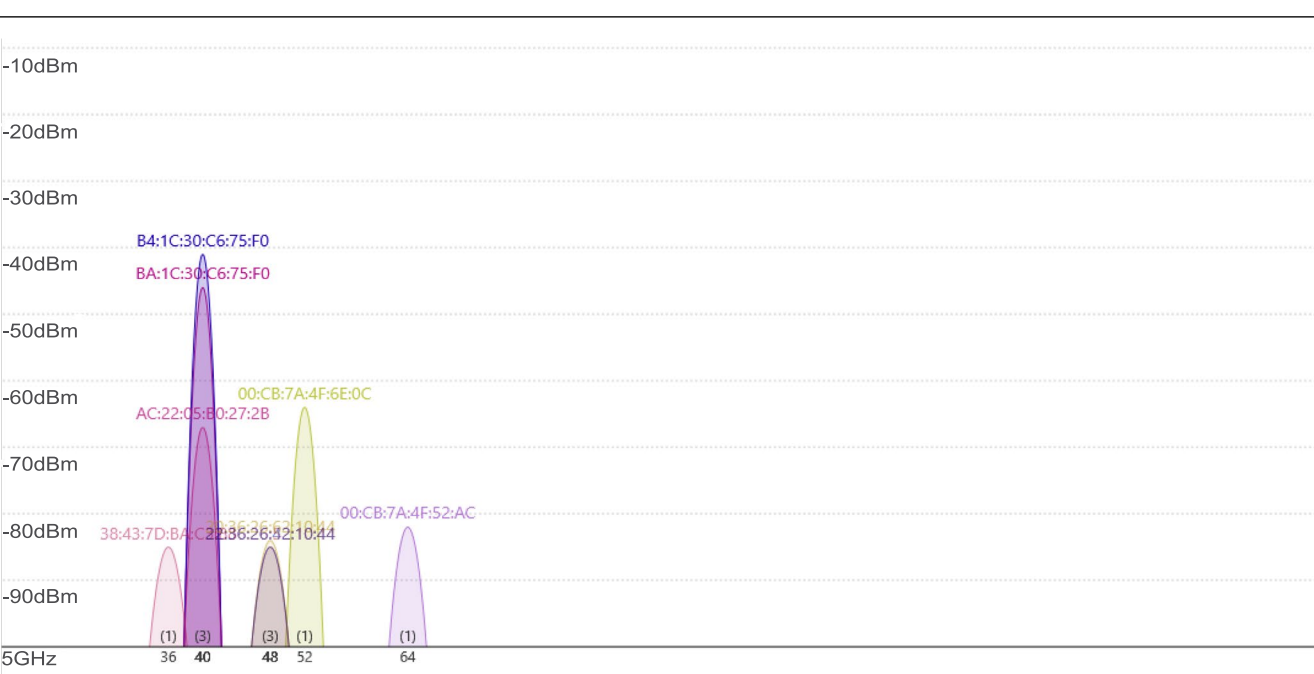
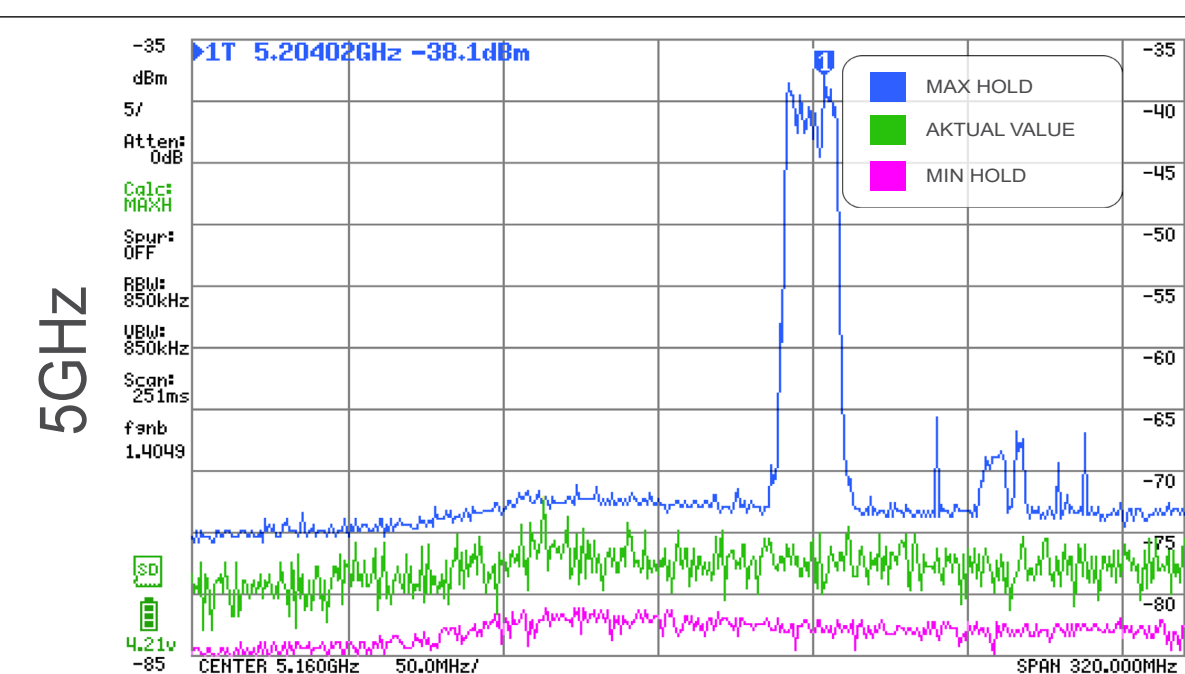
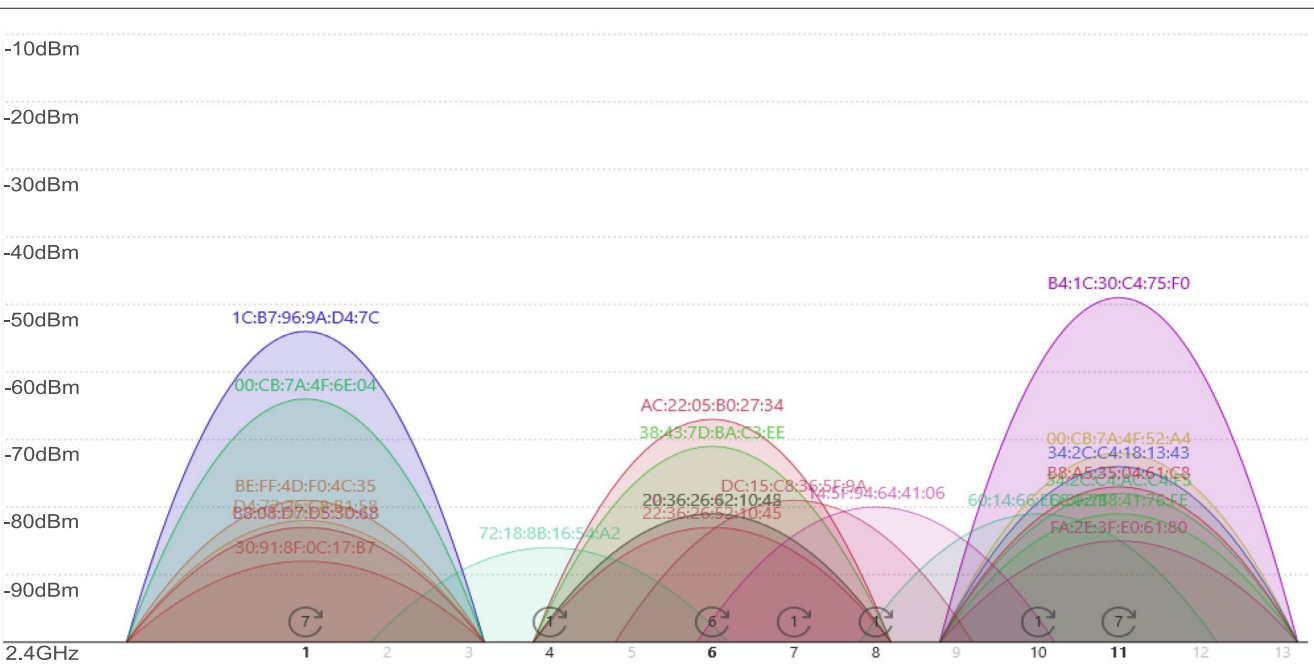
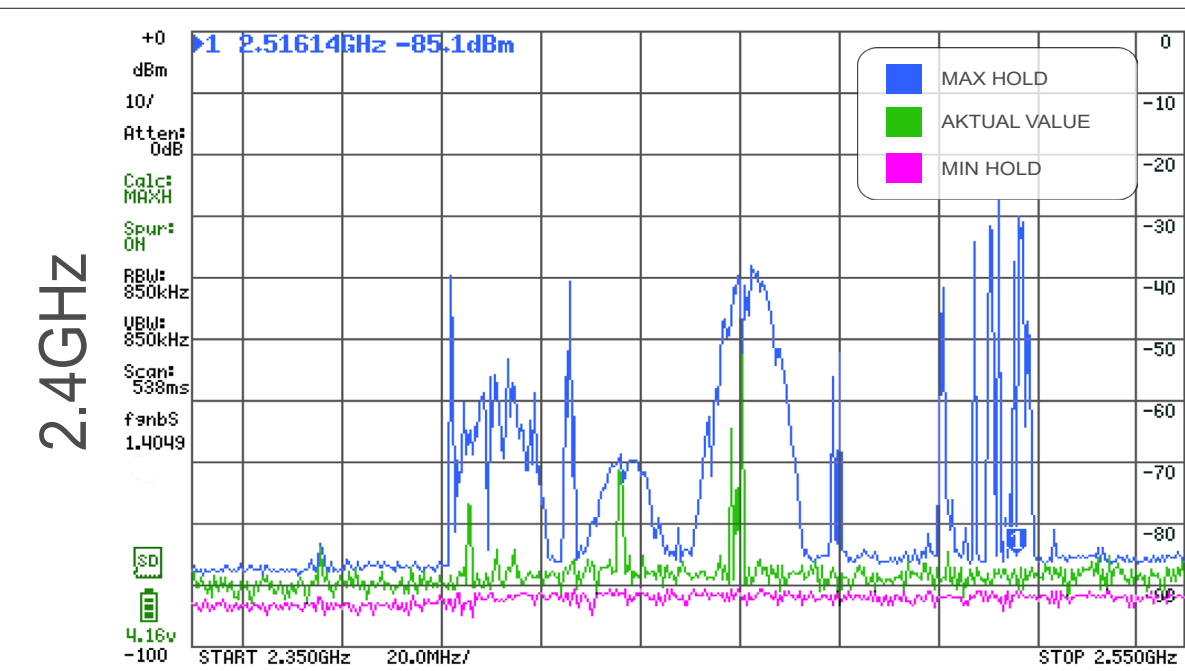
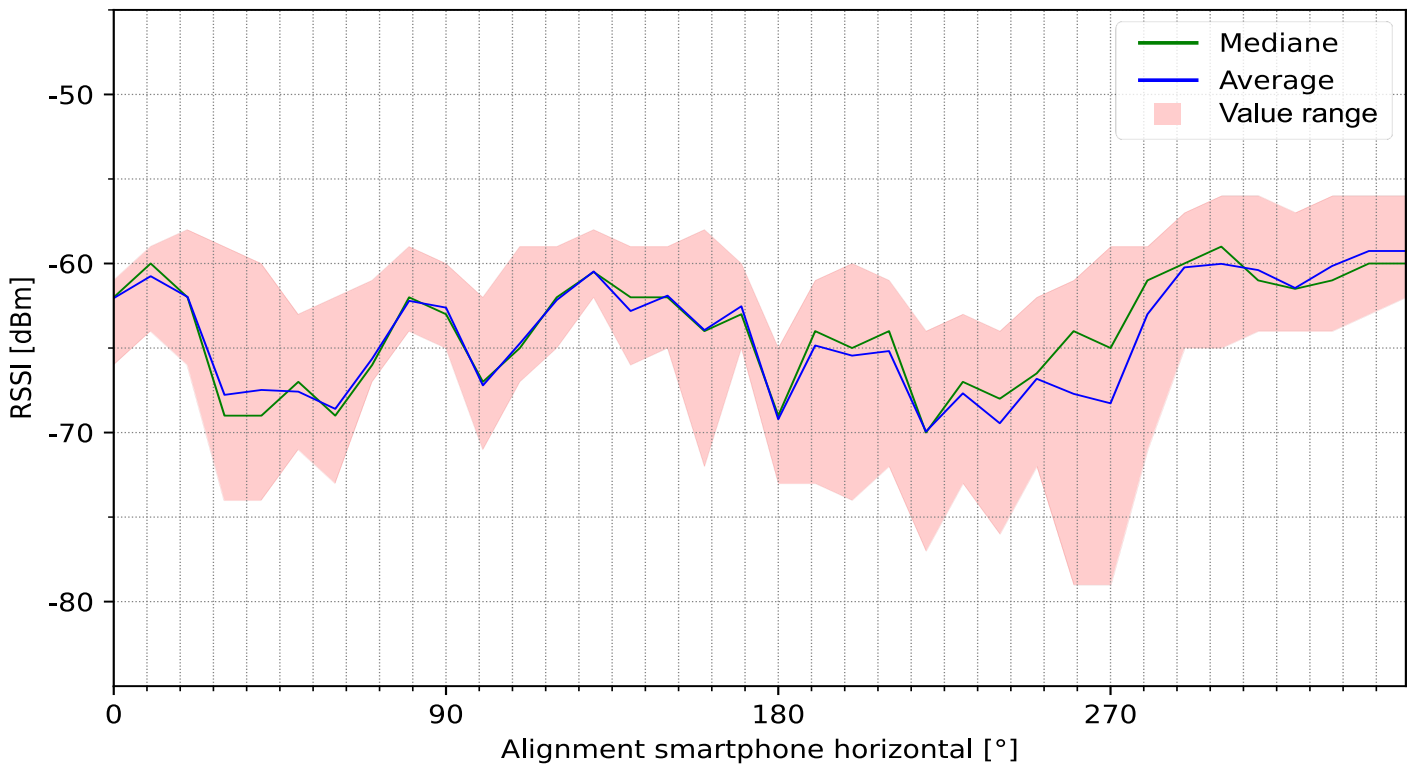


Measurement alignment smartphone

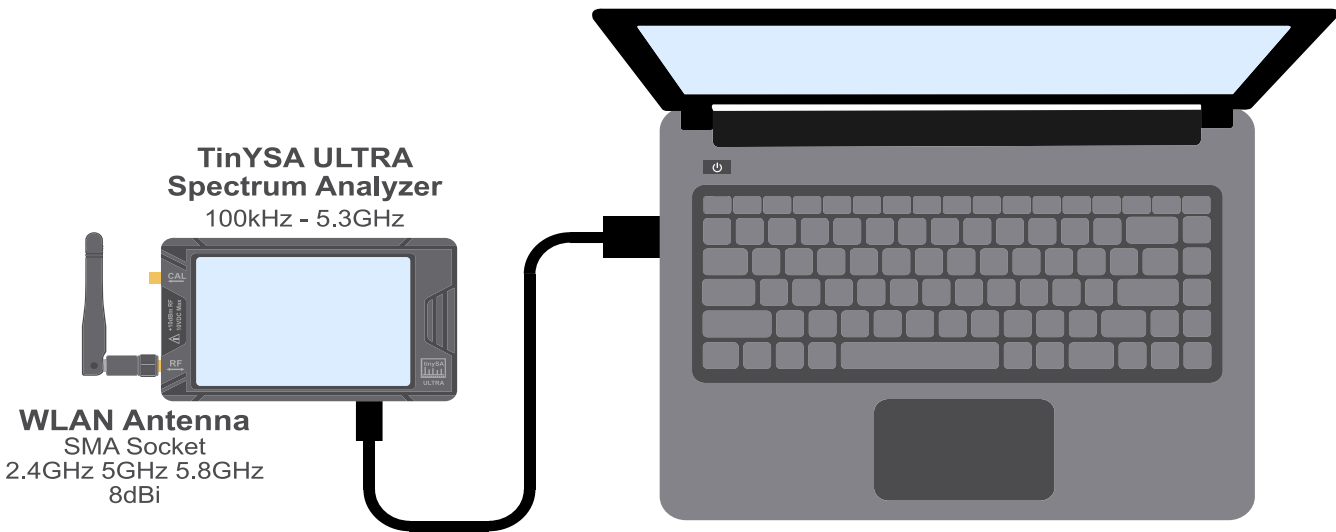


RSSI values depending on the smartphone orientation angle.

BLE RSSI evaluation.



Indoor radio signal analysis.  
For alignment smartphone measurement.



Analysis

		BLE DISTANCE				BLE RSSI				BLE RSSI FILTERED			
Nr.	Nav	Max	Min	Mediane	Average	Max	Min	Mediane	Average	Max	Min	Mediane	Average
0	0°	1.74	0.91	1.10	1.11	-61.00	-66.00	-62.00	-62.05	-59.00	-66.00	-61.00	-61.05
1	10°	1.10	0.91	1.00	1.02	-59.00	-64.00	-60.00	-60.75	-59.00	-61.00	-60.00	-60.23
2	20°	1.45	0.91	1.10	1.16	-58.00	-66.00	-62.00	-61.98	-59.00	-64.00	-61.00	-61.52
3	30°	2.75	1.20	1.74	1.82	-59.00	-74.00	-69.00	-67.77	-62.00	-71.00	-66.00	-66.34
4	40°	2.51	1.32	1.91	1.89	-60.00	-74.00	-69.00	-67.48	-63.00	-70.00	-67.00	-66.79
5	50°	2.29	1.58	1.91	1.90	-63.00	-71.00	-67.00	-67.58	-65.00	-69.00	-67.00	-66.92
6	60°	2.75	1.74	2.09	2.08	-62.00	-73.00	-69.00	-68.60	-66.00	-71.00	-68.00	-67.90
7	70°	1.74	1.20	1.58	1.60	-61.00	-67.00	-66.00	-65.63	-62.00	-66.00	-65.00	-65.06
8	80°	1.32	1.00	1.10	1.12	-59.00	-64.00	-62.00	-62.21	-60.00	-63.00	-61.00	-61.19
9	90°	1.45	1.00	1.20	1.19	-60.00	-65.00	-63.00	-62.61	-60.00	-64.00	-62.00	-61.87
10	100°	2.29	1.32	1.74	1.74	-62.00	-71.00	-67.00	-67.21	-63.00	-69.00	-66.00	-65.90
11	110°	1.74	1.20	1.45	1.45	-59.00	-67.00	-65.00	-64.73	-62.00	-66.00	-64.00	-63.95
12	120°	1.32	1.00	1.10	1.12	-59.00	-65.00	-62.00	-62.16	-60.00	-63.00	-61.00	-61.23
13	130°	1.10	0.83	1.00	0.98	-58.00	-62.00	-60.50	-60.47	-58.00	-61.00	-60.00	-59.74
14	140°	1.45	1.00	1.20	1.24	-59.00	-66.00	-62.00	-62.81	-60.00	-64.00	-62.00	-62.26
15	150°	1.58	0.91	1.10	1.11	-59.00	-65.00	-62.00	-61.90	-59.00	-65.00	-61.00	-61.06
16	160°	1.91	0.91	1.45	1.41	-58.00	-72.00	-64.00	-63.94	-59.00	-67.00	-64.00	-63.58
17	170°	1.74	1.00	1.20	1.18	-60.00	-65.00	-63.00	-62.53	-60.00	-66.00	-62.00	-61.76
18	180°	2.75	1.74	2.29	2.20	-65.00	-73.00	-69.00	-69.21	-66.00	-71.00	-69.00	-68.52
19	190°	2.09	1.32	1.58	1.65	-61.00	-73.00	-64.00	-64.85	-63.00	-68.00	-65.00	-65.34
20	200°	2.09	1.10	1.45	1.51	-60.00	-74.00	-65.00	-65.45	-61.00	-68.00	-64.00	-64.37
21	210°	2.09	1.10	1.52	1.51	-61.00	-72.00	-64.00	-65.18	-61.00	-68.00	-64.50	-64.34
22	220°	3.02	1.58	2.29	2.33	-64.00	-77.00	-70.00	-69.94	-65.00	-72.00	-69.00	-69.10
23	230°	2.75	1.58	1.91	1.90	-63.00	-73.00	-67.00	-67.68	-65.00	-71.00	-67.00	-66.90
24	240°	2.75	1.58	2.09	2.13	-64.00	-76.00	-68.00	-69.45	-65.00	-71.00	-68.00	-68.10
25	250°	2.09	1.45	1.74	1.74	-62.00	-72.00	-66.50	-66.82	-64.00	-68.00	-66.00	-65.98
26	260°	3.02	1.32	2.09	2.10	-61.00	-79.00	-64.00	-67.71	-63.00	-72.00	-68.00	-67.85
27	270°	2.51	1.45	1.91	1.87	-59.00	-79.00	-65.00	-68.27	-64.00	-70.00	-67.00	-66.69
28	280°	1.74	0.83	1.32	1.29	-59.00	-71.00	-61.00	-63.00	-58.00	-66.00	-63.00	-62.61
29	290°	1.10	0.83	1.00	0.98	-57.00	-65.00	-60.00	-60.23	-58.00	-61.00	-60.00	-59.73
30	300°	1.20	0.83	1.00	1.02	-56.00	-65.00	-59.00	-60.02	-58.00	-62.00	-60.00	-60.13
31	310°	1.20	0.91	1.00	0.99	-56.00	-64.00	-61.00	-60.39	-59.00	-62.00	-60.00	-59.82
32	320°	1.20	0.91	1.00	1.04	-57.00	-64.00	-61.50	-61.45	-59.00	-62.00	-60.00	-60.39
33	330°	1.10	0.83	1.00	0.95	-56.00	-64.00	-61.00	-60.15	-58.00	-61.00	-60.00	-59.47
34	340°	1.00	0.69	0.91	0.87	-56.00	-63.00	-60.00	-59.26	-56.00	-60.00	-59.00	-58.48
35	350°	1.00	0.76	0.91	0.89	-56.00	-62.00	-60.00	-59.26	-57.00	-60.00	-59.00	-58.74

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.111147541	-62.04918	-61.04918033
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.1	-62	-61
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-61	-59
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.91	-66	-66



## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.02442623	-60.754098	-60.2295082
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1	-60	-60
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.1	-59	-59
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.91	-64	-61

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.157580645	-61.983871	-61.51612903
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.1	-62	-61
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.45	-58	-59
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.91	-66	-64



# Measurement 30°

## CSV data

TIME	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Sat Jun 03 19:26:05 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-66	-68
Sat Jun 03 19:26:05 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.58	-67	-65
Sat Jun 03 19:26:05 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-72	-68
Sat Jun 03 19:26:05 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.29	-74	-69
Sat Jun 03 19:26:06 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.75	-73	-71
Sat Jun 03 19:26:06 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.29	-69	-69
Sat Jun 03 19:26:06 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.2	-64	-62
Sat Jun 03 19:26:06 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.45	-59	-64
Sat Jun 03 19:26:07 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.45	-67	-64
Sat Jun 03 19:26:07 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.91	-70	-67
Sat Jun 03 19:26:07 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-70	-66
Sat Jun 03 19:26:08 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-65	-68
Sat Jun 03 19:26:08 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.29	-74	-69
Sat Jun 03 19:26:08 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.58	-64	-65
Sat Jun 03 19:26:08 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-69	-68
Sat Jun 03 19:26:09 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-65	-66
Sat Jun 03 19:26:09 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.91	-71	-67
Sat Jun 03 19:26:09 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.91	-71	-67
Sat Jun 03 19:26:09 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.29	-66	-69
Sat Jun 03 19:26:10 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.91	-69	-67
Sat Jun 03 19:26:10 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.32	-63	-63
Sat Jun 03 19:26:10 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-69	-66
Sat Jun 03 19:26:10 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.45	-67	-64
Sat Jun 03 19:26:11 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-72	-68
Sat Jun 03 19:26:11 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.91	-70	-67
Sat Jun 03 19:26:11 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.29	-71	-69
Sat Jun 03 19:26:11 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-71	-68
Sat Jun 03 19:26:12 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.45	-65	-64
Sat Jun 03 19:26:12 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.58	-70	-65
Sat Jun 03 19:26:12 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.2	-66	-62
Sat Jun 03 19:26:12 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.91	-71	-67
Sat Jun 03 19:26:13 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-65	-66
Sat Jun 03 19:26:13 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.51	-73	-70
Sat Jun 03 19:26:13 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-71	-68
Sat Jun 03 19:26:13 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-59	-68
Sat Jun 03 19:26:14 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-72	-66
Sat Jun 03 19:26:14 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.45	-65	-64
Sat Jun 03 19:26:14 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.58	-69	-65
Sat Jun 03 19:26:14 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-69	-66
Sat Jun 03 19:26:15 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.29	-72	-69
Sat Jun 03 19:26:15 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-63	-66
Sat Jun 03 19:26:15 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-59	-66
Sat Jun 03 19:26:15 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.58	-70	-65
Sat Jun 03 19:26:16 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.91	-60	-67
Sat Jun 03 19:26:16 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-70	-66
Sat Jun 03 19:26:16 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-69	-66
Sat Jun 03 19:26:16 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-71	-68
Sat Jun 03 19:26:17 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.91	-70	-67
Sat Jun 03 19:26:17 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.45	-63	-64
Sat Jun 03 19:26:17 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.45	-69	-64
Sat Jun 03 19:26:17 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-59	-66
Sat Jun 03 19:26:18 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.58	-73	-65
Sat Jun 03 19:26:18 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.58	-63	-65
Sat Jun 03 19:26:18 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.91	-71	-67
Sat Jun 03 19:26:18 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.91	-70	-67
Sat Jun 03 19:26:19 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.91	-63	-67
Sat Jun 03 19:26:19 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.58	-69	-65
Sat Jun 03 19:26:19 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.32	-64	-63
Sat Jun 03 19:26:19 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.45	-64	-64
Sat Jun 03 19:26:20 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.58	-65	-65
Sat Jun 03 19:26:20 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-73	-68
Sat Jun 03 19:26:20 GMT+02:00 2023	WAHR	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-69	-68

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.822580645	-67.774194	-66.33870968
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-69	-66
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.75	-59	-62
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.2	-74	-71

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.885967742	-67.483871	-66.79032258
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.91	-69	-67
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.51	-60	-63
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.32	-74	-70



## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.90016129	-67.580645	-66.91935484
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.91	-67	-67
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.29	-63	-65
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.58	-71	-69



## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.084193548	-68.596774	-67.90322581
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-69	-68
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.75	-62	-66
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-73	-71

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.599193548	-65.629032	-65.06451613
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.58	-66	-65
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-61	-62
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.2	-67	-66



## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.12	-62.209677	-61.19354839
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.1	-62	-61
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.32	-59	-60
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1	-64	-63

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.192580645	-62.612903	-61.87096774
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.2	-63	-62
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.45	-60	-60
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1	-65	-64



## Measurement 100°

## CSV data

[illegible]

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.743870968	-67.209677	-65.90322581
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-67	-66
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.29	-62	-63
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.32	-71	-69

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.446129032	-64.725806	-63.9516129
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.45	-65	-64
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-59	-62
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.2	-67	-66



## Measurement 120°

## CSV data

[illegible]

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.123225806	-62.16129	-61.22580645
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.1	-62	-61
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.32	-59	-60
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1	-65	-63

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.977258065	-60.467742	-59.74193548
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1	-60.5	-60
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.1	-58	-58
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.83	-62	-61



## Measurement 140°

## CSV data

[illegible]

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.235483871	-62.806452	-62.25806452
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.2	-62	-62
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.45	-59	-60
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1	-66	-64

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.109516129	-61.903226	-61.06451613
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.1	-62	-61
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.58	-59	-59
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.91	-65	-65



## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.414677419	-63.935484	-63.58064516
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.45	-64	-64
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.91	-58	-59
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.91	-72	-67

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.182741935	-62.532258	-61.75806452
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.2	-63	-62
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-60	-60
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1	-65	-66



## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.202258065	-69.209677	-68.51612903
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.29	-69	-69
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.75	-65	-66
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-73	-71

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.645483871	-64.854839	-65.33870968
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.58	-64	-65
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-61	-63
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.32	-73	-68



## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.513064516	-65.451613	-64.37096774
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.45	-65	-64
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-60	-61
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.1	-74	-68

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.507258065	-65.177419	-64.33870968
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.515	-64	-64.5
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-61	-61
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.1	-72	-68



## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.328387097	-69.935484	-69.09677419
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.29	-70	-69
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	3.02	-64	-65
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.58	-77	-72

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.901935484	-67.677419	-66.90322581
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.91	-67	-67
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.75	-63	-65
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.58	-73	-71



## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.128709677	-69.451613	-68.09677419
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-68	-68
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.75	-64	-65
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.58	-76	-71

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.743225806	-66.822581	-65.98387097
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-66.5	-66
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-62	-64
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.45	-72	-68



## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.102419355	-67.709677	-67.85483871
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.09	-64	-68
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	3.02	-61	-63
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.32	-79	-72

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.8677741935	-68.274194	-66.69354839
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.91	-65	-67
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	2.51	-59	-64
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.45	-79	-70



## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.288852459	-63	-62.60655738
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.32	-61	-63
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.74	-59	-58
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.83	-71	-66

## Measurement 290°

## CSV data

[illegible]

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.979193548	-60.225806	-59.72580645
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1	-60	-60
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.1	-57	-58
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.83	-65	-61



## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.016612903	-60.016129	-60.12903226
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1	-59	-60
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.2	-56	-58
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.83	-65	-62

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.986612903	-60.387097	-59.82258065
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1	-61	-60
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.2	-56	-59
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.91	-64	-62



## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.040483871	-61.451613	-60.38709677
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1	-61.5	-60
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.2	-57	-59
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.91	-64	-62

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.954677419	-60.145161	-59.46774194
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1	-61	-60
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1.1	-56	-58
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.83	-64	-61



## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.872419355	-59.258065	-58.48387097
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.91	-60	-59
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1	-56	-56
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.69	-63	-60

## CSV data

## Analysis

Beschreibung	BLE CONNECTED	BLE DEVICE ID	BLE DEVICE NAME	BLE DISTANCE	BLE RSSI	BLE RSSI FILTERED
Average	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.892096774	-59.258065	-58.74193548
Mediane	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.91	-60	-59
Max	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	1	-56	-57
Min	true	CC:DB:A7:08:26:32	IOT-Location Tracker 1	0.76	-62	-60