

Group variances of reference scenario experiments of Access Point CREW_64:70:02:3e:aa:11

Measurement Points	Room	X in meters	Y in meters	Experiment01 Variance	Experiment01 Mean in dBm	Experiment02 Variance	Experiment02 Mean in dBm	Experiment03 Variance	Experiment03 Mean in dBm	Experiment04 Variance	Experiment04 Mean in dBm	Group Variance
1	FT236	2.02	10.98	0.38	-79.53	1.58	-86.5	0.81	-86.83	0	-86	12.3
2	FT222	2.17	4.98	0.33	-62.27	0.24	-73.08	0.79	-79.95	8.23	-75.35	44.51
3	hollway_2nd	3.51	9.02	0.52	-68.47	1.08	-73.92	1.25	-77.55	15.14	-74.6	15.93
4	FT235	5.16	10.94	1.13	-79.73	1.29	-83.9	5.71	-84.7	102.23	-77.85	42.5
5	FT223	5.39	5.06	0.22	-61.67	0.74	-62.42	2.14	-65.53	1.39	-63.1	3.41
6	FT223	8.48	1.93	43.69	-58.33	0.91	-66.42	0.81	-71.3	3.49	-64.9	33.01
7	hollway_2nd	9.81	9.02	1.42	-71.33	18.85	-71.25	7.29	-78.9	7.21	-77.07	20.13
8	FT224	11.57	5.06	0.36	-47.67	54.22	-49.67	28.56	-58.8	4.33	-57.65	42.7
9	FT224	11.57	1.89	0.52	-58.53	9.92	-60.5	1.15	-57.05	11.19	-63.84	12.91
10	FT233	14.48	10.95	2.4	-67	2.08	-78.08	14.53	-75.76	0.24	-83.41	41.17
11	hollway_2nd	16.12	9.02	0.51	-61.4	0.08	-61.91	1.81	-64.7	2.61	-66.7	6.08
12	FT225	17.56	5.06	0.12	-47.87	3.58	-50.08	6.33	-54.35	20.25	-52.55	14.66
13	FT232	17.59	10.95	2.92	-67.87	1.64	-70.83	1.31	-70.3	24.65	-78.5	26.15
14	FT231	20.54	10.94	0.38	-68.13	No Data	No Data	2.76	-68.2	2.26	-64.2	5.58
15	FT225	20.71	1.65	0.16	-43.8	143.39	-59.33	37.01	-47.7	56.75	-47.45	80.08
16	hollway_2nd	22.08	9.02	0.33	-55.93	38.58	-57.92	1.04	-59.6	0.83	-57.15	9.41
17	FT226	23.9	1.67	1.05	-38.53	209.52	-53.75	228.16	-51.2	59.05	-51.05	154.71
18	FT226	26.53	5.39	0.86	-41.93	65.35	-43.25	0.19	-39.9	67.49	-39.25	34.42
19	stairs_2nd	26.68	9.03	1.32	-48.47	46.75	-52.5	9.06	-53.8	74.53	-53.65	38.13
20	FT227	30.28	1.67	0.12	-24.87	0.24	-26.42	0.25	-15.55	381.89	-36.25	178.36
Average				2.94		31.58		17.55		42.19		40.81

Group variances of signal generator interference scenario experiments of Access Point CREW_64:70:02:3e:aa:11

Measurement	Room	X in	Y in	Experiment01	Experiment01	Experiment02	Experiment02	Group
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Points		meters	meters	Variance	Mean in dBm	Variance	Mean in dBm	Variance
1	FT236	2.02	10.98	No Data	No Data	0	77	0
2	FT222	2.17	4.98	0	-76	0	74	0.66
3	hollway_2nd	3.51	9.02	0.66	-71.2	No Data	No Data	0.66
4	FT235	5.16	10.94	0.69	-86.2	No Data	No Data	0.69
5	FT223	5.39	5.06	0	-64	0.22	67.67	1.16
6	FT223	8.48	1.93	No Data	No Data	28.09	55.74	28.09
7	hollway_2nd	9.81	9.02	2.23	-71.35	0.12	67.87	4.29
8	FT224	11.57	1.89	No Data	No Data	0.06	54.94	0.06
9	FT224	11.57	5.06	4.82	-55.35	0	54	4.18
10	FT233	14.48	10.95	109.48	-52.46	1.1	78.57	226.64
11	hollway_2nd	16.12	9.02	0	-73	No Data	No Data	0
12	FT225	17.56	5.06	No Data	No Data	No Data	No Data	No Data
13	FT232	17.59	10.95	0.64	-69.4	No Data	No Data	0.64
14	FT231	20.54	10.94	0.22	-70.67	0	68	1.73
15	FT225	20.71	1.65	0	-52	No Data	No Data	0
16	hollway_2nd	22.08	9.02	0	-57	0.06	54.07	2.17
17	FT226	23.9	1.67	No Data	No Data	0	46	0
18	FT226	26.53	5.39	0	-40	0	38	0.96
19	stairs_2nd	26.68	9.03	0	-56	5.75	55.79	4.21
20	FT226	30.28	1.67	209.58	-47.68	137.99	51.25	176.04
Average				21.89		12.39		23.8

Group variances of wifi interference scenario experiments of Access Point CREW_64:70:02:3e:aa:11

Measurement Points	Room	X in meters	Y in meters	Experiment01 Variance	Experiment01 Mean in dBm	Experiment02 Variance	Experiment02 Mean in dBm	Group Variance
1	FT236	2.02	10.98	0.05	-87.05	16.75	-84.5	10.02
2	FT222	2.17	4.98	9.35	-70.5	2.6	-78.47	22.03
3	hollway_2nd	3.51	9.02	4.15	-79.45	2.35	-77.55	4.15
4	FT235	5.16	10.94	0.16	-78.2	0.81	-81.3	2.89
5	FT223	5.39	5.06	2.56	-66.8	5.89	-72.1	11.25

6	FT223	8.48	1.93	0.83	-70.35	1.53	-70.15	1.19
7	hollway_2nd	9.81	9.02	0.34	-73.16	4.69	-71.75	3.07
8	FT224	11.57	5.06	3.99	-57.25	1.13	-56.85	2.6
9	FT224	11.57	1.89	14.23	-60.35	5.6	-61	10.02
10	FT233	14.48	10.95	132.09	-72.1	22.33	-80.85	96.35
11	hollway_2nd	16.12	9.02	9.03	-67.35	3.85	-66.95	6.48
12	FT225	17.56	5.06	54.95	-59.55	43.93	-51.15	67.08
13	FT232	17.59	10.95	13.23	-70.65	1.95	-70.55	7.59
14	FT231	20.54	10.94	30.45	-65.5	2.95	-71.95	27.1
15	FT225	20.71	1.65	0.93	-55.35	2.04	-56.6	1.87
16	hollway_2nd	22.08	9.02	25.36	-62.8	6.93	-58.15	21.55
17	FT226	23.9	1.67	0.85	-45.55	1.59	-45.25	1.24
18	FT226	26.53	5.39	40.54	-45.4	62.95	-50.5	58.25
19	stairs_2nd	26.68	9.03	14.85	-58.45	76.3	-55	48.55
20	FT227	30.28	1.67	0.23	-31.35	142.85	-35.95	76.83
Average				17.91		20.45		24.01