

Group variances of reference scenario experiments of Access Point CREW_64:70:02:3e:aa:d9

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	7.58	-56.87	10.92	-59.5	0.25	-53.5	9.24	-58.4	11.81
2	FT222	2.17	4.98	112.24	-37.4	3.64	-35.83	57.49	-49.25	94.71	-40.7	98.83
3	hollway_2nd	3.51	9.02	1.09	-46.2	46.75	-50.5	1.25	-56.05	1.25	-55.95	26.18
4	FT235	5.16	10.94	0.25	-51.13	2.08	-63.42	34.66	-61.2	1.26	-58.8	29.82
5	FT223	5.39	5.06	0.43	-37.8	0.17	-39	0.43	-43.15	50.85	-51.45	45.2
6	FT223	8.48	1.93	1.47	-44	1.58	-43.5	0.93	-39.85	22.45	-46.45	14.21
7	hollway_2nd	9.81	9.02	0.25	-50.47	20.41	-58.08	1.3	-58	1.96	-47.8	26.2
8	FT224	11.57	5.06	1.56	-46.67	2.41	-55.58	0.73	-55.35	8.69	-52.1	15.38
9	FT224	11.57	1.89	0.06	-45.93	0.39	-52.67	20.33	-55.15	2.93	-55.35	21.16
10	FT233	14.48	10.95	0.69	-69.8	0.81	-71.83	11.3	-74.47	1.43	-72.85	6.88
11	hollway_2nd	16.12	9.02	3.66	-65.73	2.52	-69.75	0.39	-69.1	1.61	-63.7	8.13
12	FT225	17.56	5.06	0.33	-51.07	1.89	-65.67	18.19	-57.9	0.89	-61.25	29.97
13	FT232	17.59	10.95	0.2	-68.27	2.52	-77.75	0.24	-80.58	44.35	-72.55	36.44
14	FT231	20.54	10.94	0.65	-74.87	No Data	No Data	2.59	-81.25	1.29	-84.16	15.32
15	FT225	20.71	1.65	0.52	-58.53	0.17	-63	40.68	-65.05	13.75	-67.95	28.04
16	hollway_2nd	22.08	9.02	1.02	-70.67	0.58	-78.92	0.45	-76.55	29.19	-75.75	16.84
17	FT226	23.9	1.67	0.8	-58	0.5	-68	0.26	-66.8	23.39	-65.75	20.97
18	FT226	26.53	5.39	0.92	-62.47	1.08	-71.08	21.18	-67.37	11.75	-75.5	33.97
19	stairs_2nd	26.68	9.03	1.26	-76.93	1.89	-76.67	0.95	-81.95	2.2	-79.11	6.15
20	FT227	30.28	1.67	0.86	-65.07	0.17	-69	26.36	-72.2	10.79	-77.25	31.71
Average				6.79		5.29		12		16.7		26.16

Group variances of signal generator interference scenario experiments of Access Point CREW_64:70:02:3e:aa:d9

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	2.35	-51.95	0.75	-50.45	2.11
2	FT222	2.17	4.98	1.09	-39.9	34.26	-38.8	17.98
3	hollway_2nd	3.51	9.02	12.46	-57.2	1.96	-51.2	16.21
4	FT235	5.16	10.94	4.75	-60.5	2.13	-53.15	16.94
5	FT223	5.39	5.06	5.16	-46	2.56	-37.58	21.59
6	FT223	8.48	1.93	3.84	-41.22	1.85	-49.79	21.15
7	hollway_2nd	9.81	9.02	0.16	-64.2	0.94	-53.6	28.64
8	FT224	11.57	1.89	0.45	-54.45	0.89	-56.9	2.17
9	FT224	11.57	5.06	0.44	-58.75	0	-52	2.93
10	FT233	14.48	10.95	2.35	-67.55	2.64	-71.6	6.59
11	hollway_2nd	16.12	9.02	32.36	-67.56	0	-51	67.25
12	FT225	17.56	5.06	No Data	No Data	No Data	No Data	No Data
13	FT232	17.59	10.95	15.05	-73.05	No Data	No Data	15.05
14	FT231	20.54	10.94	No Data	No Data	No Data	No Data	No Data
15	FT225	20.71	1.65	No Data	No Data	No Data	No Data	No Data
16	hollway_2nd	22.08	9.02	No Data	No Data	No Data	No Data	No Data
17	FT226	23.9	1.67	No Data	No Data	No Data	No Data	No Data
18	FT226	26.53	5.39	No Data	No Data	No Data	No Data	No Data
19	stairs_2nd	26.68	9.03	No Data	No Data	No Data	No Data	No Data
20	FT226	30.28	1.67	No Data	No Data	No Data	No Data	No Data
Average				6.7		4.36		18.22

Group variances of wifi interference scenario experiments of Access Point CREW_64:70:02:3e:aa:d9

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	34.03	-58.35	4.63	-55.85	20.89
2	FT222	2.17	4.98	28.64	-42.6	0.29	-39.1	17.53
3	hollway_2nd	3.51	9.02	4.59	-54.1	32.74	-50.4	22.09
4	FT235	5.16	10.94	3.81	-53.3	1.69	-54.25	2.97
5	FT223	5.39	5.06	19.41	-44.3	0.45	-46.05	10.69

6	FT223	8.48	1.93	2.04	-43.6	0.2	-49	8.41
7	hollway_2nd	9.81	9.02	33.39	-56.25	1.84	-53.6	19.37
8	FT224	11.57	5.06	2.33	-54.35	2.44	-51.4	4.56
9	FT224	11.57	1.89	1.83	-48.15	22.25	-52.5	16.77
10	FT233	14.48	10.95	6.93	-71.65	21.56	-73.74	15.15
11	hollway_2nd	16.12	9.02	0.25	-70.55	20.19	-68.9	10.9
12	FT225	17.56	5.06	1.93	-56.15	8.93	-60.35	9.84
13	FT232	17.59	10.95	4.05	-77.95	0.66	-75.2	4.24
14	FT231	20.54	10.94	5.19	-84.75	4.19	-81.9	6.72
15	FT225	20.71	1.65	1.1	-64	0.56	-63.8	0.84
16	hollway_2nd	22.08	9.02	0.25	-76.5	0.45	-73.55	2.52
17	FT226	23.9	1.67	58.93	-70.65	2.75	-71.55	31.04
18	FT226	26.53	5.39	4.94	-62.4	1.7	-69	14.21
19	stairs_2nd	26.68	9.03	1.23	-76.35	67.84	-75.6	34.67
20	FT227	30.28	1.67	0.21	-63.7	32.83	-73.35	39.8
Average				10.75		11.41		14.66