

Distance (ft)	signal Strength			Packets						other variables	date
	local		remote	sent	received	Tx Error	Packets Lost	percentage			
		LINE OF SIGHT									
30	-65		-63	15	15	0	0	100	Sunny, Windy	3/8	
60	-75		-71	15	15	0	0	100	Sunny, Windy	3/8	
90	-80		-78	15	15	0	0	100	Sunny, Windy	3/8	
120	-82		-79	15	15	0	0	100	Sunny, Windy	3/8	
150	-92		-92	15	15	0	0	100	Sunny, Windy	3/8	
180	-10		-91	16	14	1	0	93.33	Sunny, Windy	3/8	
210	-10		-93	15	12	2	1	80	Sunny, Windy	3/8	
240	-95		-93	16	7	8	0	46.67	Sunny, Windy	3/8	
270	-93		-92	15	13	2	0	86.67	Sunny, Windy	3/8	
300	-9		-89	15	15	0	0	100	Sunny, Windy	3/8	
330	-9		-93	15	15	0	0	100	Sunny, Windy	3/8	
360	-12		-89	16	5	10	0	33.33	Sunny, Windy	3/8	
390	-9		-91	15	15	0	0	100	Sunny, Windy	3/8	
LINE OF SIGHT	LINE OF SIGHT	LINE OF SIGHT	LINE OF SIGHT	LINE OF SIGHT	LINE OF SIGHT	LINE OF SIGHT	LINE OF SIGHT	LINE OF SIGHT	LINE OF SIGHT	LINE OF SIGHT	LINE OF SIGHT
30											
Trial 1	-46		-44	15	15	0	0	100	Sunny, light wind	2/3	
Trial 2	-39		-40	15	15	0	0	100	Sunny, light wind	2/3	
Trial 3	-47		-49	15	15	0	0	100	Sunny, light wind	2/3	
60									Sunny, light wind	2/3	
Trial 1	-54		-52	15	15	0	0	100	Sunny, light wind	2/3	
Trial 2	-59		-59	15	15	0	0	100	Sunny, light wind	2/3	
Trial 3	-63		-64	15	15	0	0	100	Sunny, light wind	2/3	
90									Sunny, light wind	2/3	
Trial 1	-64		-64	15	15	0	0	100	Sunny, light wind	2/3	
Trial 2	-72		-72	15	15	0	0	100	Sunny, light wind	2/3	
Trial 3	-60		-65	15	15	0	0	100	Sunny, light wind	2/3	
120									Sunny, light wind	2/3	
Trial 1	-6		-65	15	14	0	1	93.33	Sunny, light wind	2/3	
Trial 2	-6		-72	15	15	0	0	100	Sunny, light wind	2/3	
Trial 3	-6		-74	15	15	0	0	100	Sunny, light wind	2/3	
150									Sunny, light wind	2/3	
Trial 1	-70		-71	15	14	0	1	93.33	Sunny, light wind	2/3	
Trial 2	-68		-68	15	15	0	0	100	Sunny, light wind	2/3	
Trial 3	-68		-73	15	15	0	0	100	Sunny, light wind	2/3	
180									Sunny, light wind	2/3	
Trial 1	-74		-75	15	15	0	0	100	Sunny, light wind	2/3	
Trial 2	-76		-81	15	15	0	0	100	Sunny, light wind	2/3	
Trial 3	-75		-89	15	15	0	0	100	Sunny, light wind	2/3	
210									Sunny, light wind	2/3	
Trial 1	-76		-75	15	15	0	0	100	Sunny, light wind	2/3	
Trial 2	-73		-76	15	15	0	0	100	Sunny, light wind	2/3	

signal Strength				Packets							
Distance (ft)	local	remote		sent	received	Tx Error	Packets Lost	percentage	other variables	date	
Trial 3	-74	-77		15	15	0	0	100	Sunny, light wind	2/3	
240									Sunny, light wind	2/3	
Trial 1	-67	-68		15	15	0	0	100	Sunny, light wind	2/3	
Trial 2	-83	-73		15	15	0	0	100	Sunny, light wind	2/3	
Trial 3	-78	-75		15	15	0	0	100	Sunny, light wind	2/3	
270									Sunny, light wind	2/3	
Trial 1	-77	-76		15	15	0	0	100	Sunny, light wind	2/3	
Trial 2	-83	-77		15	15	0	0	100	Sunny, light wind	2/3	
Trial 3	-76	-76		15	15	0	0	100	Sunny, light wind	2/3	
300									Sunny, light wind	2/3	
Trial 1	-71	-79		15	15	0	0	100	Sunny, light wind,students pass	2/3	
Trial 2	-88	-85		15	15	0	0	100	Sunny, light wind	2/3	
Trial 3	-75	-75		15	15	0	0	100	Sunny, light wind	2/3	
330									Sunny, light wind	2/3	
Trial 1	-78	-72		15	15	0	0	100	Sunny, light wind	2/3	
Trial 2	-68	-75		15	15	0	0	100	Sunny, light wind	2/3	
Trial 3	-75	-74		15	15	0	0	100	Sunny, light wind	2/3	
360									Sunny, light wind	2/3	
Trial 1	-84	-83		15	15	0	0	100	Sunny, light wind, student in bet	2/3	
Trial 2	-74	-74		15	15	0	0	100	Sunny, light wind	2/3	
Trial 3	-77	-77		15	15	0	0	100	Sunny, light wind	2/3	
390									Sunny, light wind	2/3	
Trial 1	-86	-84		15	15	0	0	100	Sunny, light wind	2/3	
Trial 2	-83	-81		15	15	0	0	100	Sunny, light wind	2/3	
Trial 3	-80	-80		15	15	0	0	100	Sunny, light wind	2/3	
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Distance (ft)	local	remote		sent	received	Tx Error	Packets Lost	percentage	other variables	date	
30	-44	-44.33333333		15	15	0	0	100	Sunny, light wind	2/3	
60	-58.66666667	-58.33333333		15	15	0	0	100	Sunny, light wind	2/3	
90	-65.33333333	-67		15	15	0	0	100	Sunny, light wind	2/3	
120	-6	-70.33333333		15	15	0	0	100	Sunny, light wind	2/3	
150	-68.66666667	-70.66666667		15	15	0	0	100	Sunny, light wind	2/3	
180	-75	-81.66666667		15	15	0	0	100	Sunny, light wind	2/3	
210	-74.33333333	-76		15	15	0	0	100	Sunny, light wind	2/3	
240	-76	-72		15	15	0	0	100	Sunny, light wind	2/3	
270	-78.66666667	-76.33333333		15	15	0	0	100	Sunny, light wind	2/3	
300	-78	-73.66666667		15	15	0	0	100	Sunny, light wind	2/3	
330	-73.66666667	-73.66666667		15	15	0	0	100	Sunny, light wind	2/3	
360	-78.33333333	-78		15	15	0	0	100	Sunny, light wind	2/3	
390	-83	-81.66666667		15	15	0	0	100	Sunny, light wind	2/3	

signal Strength				Packets					other variables		date
Distance (ft)	local	remote		sent	received	Tx Error	Packets Lost	percentage			
Distance (ft)	HOLMES HALL FLOORS										
4th-3rd											
4th-2nd											
4th-1st											
elevator											
Distance (ft)	THROUGH WALLS MCCARTHY MALL										
90											
Trial 1	-73	-74		15	14	1	0	93.33	Sunny, little wind, place behind	2/10	
Trial 2	-74	-73		15	15	0	0	100	Sunny, little wind, students pass	2/10	
Trial 3	-85	-85		15	15	0	0	100	Sunny, little wind	2/10	
175											
Trial 1	-73	-73		15	15	0	0	100	Sunny, little wind	2/10	
Trial 2	-77	-74		15	15	0	0	100	Sunny, little wind	2/10	
Trial 3	-76	-69		15	15	0	0	100	Sunny, little wind	2/10	
244											
Trial 1	-7	-79		15	15	0	0	100	Sunny, little wind	2/10	
Trial 2	-7	-83		15	15	0	0	100	Sunny, little wind	2/10	
Trial 3	-7	-79		15	15	0	0	100	Sunny, little wind	2/10	
324											
Trial 1	-7	-85		15	15	0	0	100	Students in front 1st tree	2/10	
Trial 2	-7	-86		15	15	0	0	100	Crowd people walking/passing t	2/10	
Trial 3	-7	-88		15	15	0	0	100	Crowd people walking/passing t	2/10	
403										2/10	
Trial 1	-7	-8		15	15	0	0	100	drizzling, windy	2/10	
Trial 2	-7	-8		15	15	0	0	100	drizzling, windy	2/10	
Trial 3	-7	-8		15	15	0	0	100	drizzling, windy	2/10	
477											
Trial 1	-7	-8		15	15	0	0	100	windy	2/10	
Trial 2	-7	-8		15	15	0	0	100	windy	2/10	
Trial 3	-7	-8		15	15	0	0	100	windy	2/10	
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Distance (ft)	local	remote		sent	received	Tx Error	Packets Lost	percentage	other variables	date	
90	-77.33333333	-77.33333333		15	15	0	0	100	windy, raining	2/10	

Distance (ft)	signal Strength		Packets						percentage	other variables	date
	local	remote	sent	received	Tx Error	Packets Lost					
175	-75.33333333	-72	15	15	0	0	100	windy, raining, students passing	2/10		
244	-7	-80.33333333	15	15	0	0	100	windy, raining	2/10		
324	-7	-86.33333333	15	15	0	0	100	windy, raining	2/10		
403	-7	-8	15	15	0	0	100	windy, raining	2/10		
477	-7	-8	15	15	0	0	100	windy, raining	2/10		

