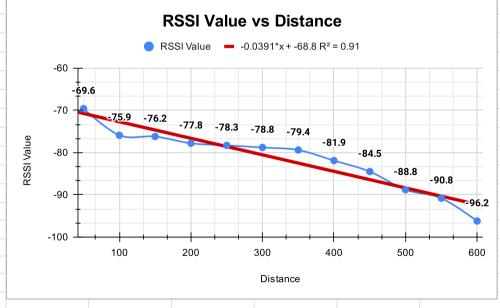
		Final Avg	-90.77142857			-100				
Average	-90.57142857	-90.42857143	-91.28571429	-90.71428571	-90.85714286	-90				
180	-91	-91	-93	-90	-90	RSSI Value				
150	-90	-91	-93	-91	-90	- 08- Value				
120	-90	-91	-90	-90	-91			-77.8 -78	8.3 -78.8	-79.4 -81.9
90	-91	-90	-92	-91	-91	-70	-75.9 -76.2	_77.0		
60	-90	-90	-90	-91	-91	T	9.6			
30	-91	-90	-90	-91	-92	1				
0	-91	-90	-91	-91	-91	-60 —			0.00017	
(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5					x+-68.8 R ² = (
Time		Distance	RSSI Values				R	SSI Val	lue vs C	Distance
		Distance	550cm							
						50	-69.6			
		Final Avg	-96.17142857			100	-75.9			
						150	-76.2			
Average	-93.42857143	-94	-94.14285714	-99.71428571	-99.57142857	200	-77.8			
180	-95	-95	-95	-98	-110	250	-78.3			
150	-98	-95	-95	-106	-104	300	-78.8			
120	-92	-93	-95	-104	-98	350	-79.4			
90	-95	-93	-95	-98	-96	400	-81.9			
60	-92	-92	-93	-98	-98	450	-84.5			
30	-91	-95	-94	-98	-95	500	-88.8			
0	-91	-95	-92	-96	-96	550	-90.2			
Time (Seconds)	Trial 1	Trial 2	RSSI Values Trial 3	Trial 4	Trial 5	Distance 600	RSSI Value			
		Distance	600cm			D' 4	DCCI V. I			

500cm

RSSI Values

Distance

Time



(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
0	-89	-92	-91	-90	-90
30	-87	-89	-89	-90	-87
60	-87	-90	-85	-90	-90
90	-87	-89	-87	-90	-90
120	-89	-87	-89	-90	-90
150	-89	-85	-91	-89	-90
180	-87	-89	-85	-89	-90
Average	-87.85714286		-88.14285714	-89.71428571	-89.57142857
		Final Avg	-88.8		
		Distance	450cm		
Time			RSSI Values		
(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
0	-83	-82	-83	-83	-84
30	-88	-87	-82	-83	-87
60	-82	-82	-83	-82	-89
90	-87	-82	-87	-82	-84
120	-87	-87	-88	-88	-83
150	-82	-85	-82	-83	-88
180	-88	-82	-82	-82	-90
Average	-85.28571429	-83.85714286	-83.85714286	-83.28571429	-86.42857143
		Final Avg	-84.54285714		
		Distance	400cm		
Time			RSSI Values		
(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
0	-81	-81	-81	-81	-87
30	-85	-84	-81	-79	-85
60	-84	-84	-85	-79	-82

90	-81	-81	-85	-84	-82
120	-81	-82	-83	-80	-81
150	-82	-82	-79	-80	-81
180	-81	-82	-79	-80	-81
Average	-82.14285714	-82.28571429	-81.85714286	-80.42857143	-82.71428571
		Final Avg	-81.88571429		
		Distance	350cm		
Time			RSSI Values		
(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
0	-83	-78	-76	-83	-81
30	-85	-78	-76	-78	-81
60	-85	-78	-76	-79	-78
90	-84	-80	-81	-76	-78
120	-84	-82	-77	-77	-78
150	-80	-82	-77	-78	-78
180	-82	-78	-77	-78	-78
Average	-83.28571429	-79.42857143	-77.14285714	-78.42857143	-78.85714286
		Final Avg	-79.42857143		
		Distance	300cm		
Time	m • • • •		RSSI Values	m 1 - 1	m
(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
0	-78	-78	-81	-83	-77
30	-80	-78	-77	-77	-77
60	-77	-78	-76	-77	-78
90	-75	-79	-81	-82	-78
120	-80	-77	-77	-77	-78
150	-80	-77	-88	-84	-78
180	-79	-78	-77	-78	-84

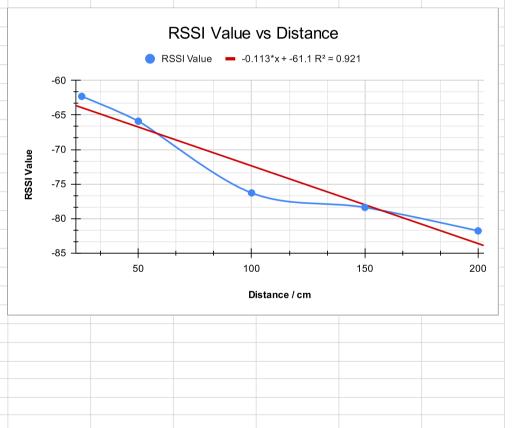
erage	-78.42857143	-77.85714286	-79.57142857	-79.71428571	-78.57142857
		Final Avg	-78.82857143		
		Distance	250cm		
Time			RSSI Values		
(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
0	-78	-78	-79	-78	-77
30	-80	-78	-79	-77	-77
60	-78	-78	-76	-77	-78
90	-78	-82	-79	-77	-78
120	-78	-82	-78	-77	-78
150	-78	-82	-78	-78	-78
180	-78	-82	-77	-78	-77
Average	-78.28571429	-80.28571429	-78	-77.42857143	-77.57142857
		Final Avg	-78.31428571		
		Distance	200cm		
Time			RSSI Values		
(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
0	-78	-78	-75	-84	-77
30	-78	-78	-79	-77	-77
60	-78	-78	-76	-77	-79
90	-76	-79	-79	-77	-78
120	-76	-76	-78	-77	-78
150	-76	-76	-78	-81	-78
180	-79	-76	-77	-82	-77
Average	-77.28571429	-77.28571429	-77.42857143	-79.28571429	-77.71428571
		Final Avg	-77.8		

		Distance	150cm		
Time			RSSI Values		
(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
0	-74	-79	-79	-74	-76
30	-76	-74	-74	-75	-76
60	-79	-78	-74	-75	-76
90	-79	-79	-77	-76	-83
120	-75	-77	-76	-76	-83
150	-73	-73	-74	-74	-76
180	-78	-75	-74	-74	-76
Average	-76.28571429	-76.42857143	-75.42857143	-74.85714286	-78
		Final Avg	-76.2		
		Distance	100cm		
Time			RSSI Values		
(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
0	-77	-77	-78	-74	-76
30	-77	-77	-74	-75	-76
60	-75	-78	-74	-75	-75
90	-77	-77	-77	-75	-79
120	-76	-76	-78	-76	-77
150	-76	-73	-74	-74	-75
180	-76	-78	-74	-74	-76
Average	-76.28571429	-76.57142857	-75.57142857	-74.71428571	-76.28571429
		Final Avg	-75.88571429		
		Distance	50cm		
Time			RSSI Values		
Time (Seconds)	Trial 1 -75	Distance Trial 2 -73		Trial 4 -67	Trial 5 -69

30	-73	-71	-71	-69	-68
60	-65	-65	-70	-69	-68
90	-65	-73	-70	-69	-69
120	-74	-71	-67	-68	-68
150	-72	-78	-67	-68	-69
180	-65	-76	-67	-68	-69
Average	-69.85714286	-72.42857143	-69	-68.28571429	-68.57142857
		Final Avg	-69.62857143		

		Distance	200cm		
Time			RSSI Values	<u> </u>	
(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
0	-82	-83	-82	-79	-81
30	-82	-81	-80	-79	-82
60	-82	-82	-80	-80	-84
90	-82	-80	-81	-82	-82
120	-82	-83	-84	-82	-83
150	-82	-83	-84	-81	-83
180	-82	-83	-82	-82	-82
Average	-82	-82.14285714	-81.85714286	-80.71428571	-82.42857143
		Final Avg	-81.82857143		
		Distance	150cm		
Time			RSSI Values	Г	Т
(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
0	-74	-83	-77	-82	-76
30	-74	-83	-77	-77	-76
60	-76	-80	-77	-82	-76
90	-76	-80	-77	-77	-76
120	-76	-80	-81	-80	-84
150	-85	-76	-77	-77	-77
180	-85	-81	-77	-76	-75
Average	-78	-80.42857143	-77.57142857	-78.71428571	-77.14285714
		Final Avg	-78.37142857		
		Distance	100cm		
Time			RSSI Values		
(Seconds)	Trial 1	Trial 2	Trial 3		Trial 5

Distance	RSSI Value		
200	-81.8		
150	-78.4		
100	-76.3		
50	-65.9		
25	-62.3		



Final Avg -76.31428571				1		
60 -78 -74 -76 -76 -74 90 -79 -73 -77 -76 -80 120 -78 -80 -77 -77 -78 150 -74 -80 -76 -77 -76 -84 180 -74 -76 -77 -76 -84 Average -75.85714286 -75.85714286 -76.42857143 -76.28571429 -77.14285714 Final Avg -76.31428571 Final Avg -76.31428571 Cseconds Time (Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -65 -64 -63 -65 -68 30 -65 -64 -63 -65 -69 60 -65 -64 -63 -65 -69 90 -68 -67 -67 -67 -69 120 -68 -65						
90	30	-74	-74	-76		
120	60	-78	-74	-76	-76	-74
Time (Seconds)	90	-79	-73	-77	-76	-80
Time (Seconds)	120	-78	-80	-77	-77	-80
Time (Seconds)	150	-74	-80	-76	-77	-74
Pinal Avg	180	-74	-76		-76	-84
Distance S0cm		-75.85714286				
Distance S0cm	Ü					
Time (Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -65 -64 -63 -65 -68 30 -65 -64 -63 -65 -69 60 -65 -67 -67 -67 -69 90 -68 -67 -67 -67 -69 120 -68 -67 -64 -63 -66 150 -68 -65 -64 -63 -64 180 -68 -65 -66 -63 -67 Average -66.71428571 -65.57142857 -64.85714286 -64.71428571 -67.42857143 Final Avg -65.85714286 Final Avg -65.85714286 Time (Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -61 -64 -63 -63 -62 30 -61 -64 -63 -63 -			Final Avg	-76.31428571		
Time (Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -65 -64 -63 -65 -68 30 -65 -64 -63 -65 -69 60 -65 -67 -67 -67 -69 90 -68 -67 -67 -67 -69 120 -68 -67 -64 -63 -66 150 -68 -65 -64 -63 -64 180 -68 -65 -66 -63 -67 Average -66.71428571 -65.57142857 -64.85714286 -64.71428571 -67.42857143 Final Avg -65.85714286 Signal Avg -65.85714286 Time (Seconds) (Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -61 -64 -63 -63 -62 30 -61 -64 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Time (Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -65 -64 -63 -65 -68 30 -65 -64 -63 -65 -69 60 -65 -67 -67 -67 -69 90 -68 -67 -67 -67 -69 120 -68 -67 -64 -63 -66 150 -68 -65 -64 -63 -64 180 -68 -65 -66 -63 -67 Average -66.71428571 -65.57142857 -64.85714286 -64.71428571 -67.42857143 Final Avg -65.85714286 Signal Avg -65.85714286 Time (Seconds) (Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -61 -64 -63 -63 -62 30 -61 -64 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
(Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -65 -64 -63 -65 -68 30 -65 -64 -63 -65 -69 60 -65 -67 -67 -67 -69 90 -68 -67 -64 -63 -66 120 -68 -67 -64 -63 -66 150 -68 -65 -64 -63 -64 180 -68 -65 -66 -63 -67 Average -66.71428571 -65.57142857 -64.85714286 -64.71428571 -67.42857143 Final Avg -65.85714286 Time (Seconds) Trial 1 Trial 2 Trial 3 Trial 3 Trial 4 Trial 5 O -61 -64 -63 -63 -63 -62 -60 60 -61 -64 -63 -63 -63 -62 -60 -66 -63 -66 -63 -66 -63 -66 -63 -66 -63 -66 -63 -66 -63 -66 -63 -60 -61 -64 -63 -63 -63 -63 -62 -60 -60 -61 -61 -64 -63 -64 -63 -63 -66 -63 -66 -63 -66 -69 -69			Distance	50cm		
0 -65 -64 -63 -65 -68 30 -65 -64 -63 -65 -69 60 -65 -67 -67 -67 -69 90 -68 -67 -67 -67 -69 120 -68 -67 -64 -63 -66 150 -68 -65 -64 -63 -64 180 -68 -65 -66 -63 -67 Average -66.71428571 -65.57142857 -64.85714286 -64.71428571 -67.42857143 Final Avg -65.85714286 Time (Seconds) Trial 1 Trial 2 Trial 3 Trial 3 Trial 4 Trial 5 0 -61 -64 -63 -63 -63 -62 -60 60 -61 -64 -63 -63 -63 -62 -60 -60 -61 -64 -61 -64 -63 -63 -63 -66 -63 -66 -63 -66 -63 -66 -63 -60 -60	Time			RSSI Values		
30	(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
60 -65 -67 -67 -67 -69 90 -68 -67 -67 -67 -69 120 -68 -67 -64 -63 -66 150 -68 -65 -64 -63 -64 180 -68 -65 -66 -63 -67 Average -66.71428571 -65.57142857 -64.85714286 -64.71428571 -67.42857143 Final Avg -65.85714286 RSSI Values (Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -61 -64 -63 -63 -62 30 -61 -64 -63 -63 -62 60 -61 -64 -61 -63 -66	0	-65	-64	-63	-65	-68
90 -68 -67 -67 -67 -69 120 -68 -67 -64 -63 -66 150 -68 -65 -64 -63 -64 180 -68 -65 -66 -63 -67 Average -66.71428571 -65.57142857 -64.85714286 -64.71428571 -67.42857143 Final Avg -65.85714286 RSSI Values (Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -61 -64 -63 -63 -62 30 -61 -64 -63 -63 -62 60 -61 -64 -63 -63 -62 60 -61 -64 -61 -63 -66	30	-65	-64	-63	-65	-69
90 -68 -67 -67 -67 -69 120 -68 -67 -64 -63 -66 150 -68 -65 -64 -63 -64 180 -68 -65 -66 -63 -67 Average -66.71428571 -65.57142857 -64.85714286 -64.71428571 -67.42857143 Final Avg -65.85714286 RSSI Values (Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -61 -64 -63 -63 -62 30 -61 -64 -63 -63 -62 60 -61 -64 -63 -63 -62 60 -61 -64 -61 -63 -66	60	-65	-67	-67	-67	-69
120	90	-68	-67	-67	-67	-69
180 -68 -65 -66 -63 -67 Average -66.71428571 -65.57142857 -64.85714286 -64.71428571 -67.42857143 Final Avg -65.85714286 Distance 25cm RSSI Values (Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -61 -64 -63 -63 -62 30 -61 -64 -63 -63 -62 60 -61 -64 -61 -63 -66	120	-68	-67	-64	-63	-66
180 -68 -65 -66 -63 -67 Average -66.71428571 -65.57142857 -64.85714286 -64.71428571 -67.42857143 Final Avg -65.85714286 Distance 25cm RSSI Values (Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -61 -64 -63 -63 -62 30 -61 -64 -63 -63 -62 60 -61 -64 -61 -63 -66	150	-68	-65	-64	-63	-64
Average -66.71428571 -65.57142857 -64.85714286 -64.71428571 -67.42857143 Final Avg -65.85714286 Distance 25cm RSSI Values (Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -61 -64 -63 -63 -62 30 -61 -64 -63 -63 -62 60 -61 -64 -61 -63 -66	180			 		
Distance 25cm	Average	-66.71428571		-64.85714286	-64.71428571	-67.42857143
Distance 25cm RSSI Values (Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -61 -64 -63 -63 -62 30 -61 -64 -63 -63 -62 60 -61 -64 -61 -63 -66						
Distance 25cm RSSI Values (Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -61 -64 -63 -63 -62 30 -61 -64 -63 -63 -62 60 -61 -64 -61 -63 -66			Final Avg	-65.85714286		
Time (Seconds) RSSI Values 0 -61 -64 -63 -63 -62 30 -61 -64 -63 -63 -62 60 -61 -64 -61 -63 -62						
Time (Seconds) RSSI Values 0 -61 -64 -63 -63 -62 30 -61 -64 -63 -63 -62 60 -61 -64 -61 -63 -62						
(Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -61 -64 -63 -63 -62 30 -61 -64 -63 -63 -62 60 -61 -64 -61 -63 -66			Distance	25cm		
(Seconds) Trial 1 Trial 2 Trial 3 Trial 4 Trial 5 0 -61 -64 -63 -63 -62 30 -61 -64 -63 -63 -62 60 -61 -64 -61 -63 -66	Time			RSSI Values		
0 -61 -64 -63 -63 -62 30 -61 -64 -63 -63 -62 60 -61 -64 -61 -63 -66		Trial 1	Trial 2		Trial 4	Trial 5
30 -61 -64 -63 -63 -62 60 -61 -64 -61 -63 -66	0	-61	-64	-63	-63	-62
60 -61 -64 -61 -63 -66	30					
				+		
70 -01 -01 -01 - 02	90	-61	-61	-61	-61	-62

120	-63	-61	-61	-63	-62
150	-61	-62	-63	-63	-62
180	-61	-62	-61	-63	-65
Average	-61.28571429	-62.57142857	-61.85714286	-62.71428571	-63
		Final Avg	-62.28571429		

		-	•00				D00777			
		Distance	200cm			Distance	RSSI Value			
Time			RSSI Values		m	200	-80.9			
(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5	150	-75.8			
0	-79	-83	-82	-79	-81	100	-70.6			
30	-79	-81	-80	-79	-82	50	-63.9			
60	-82	-82	-80	-80	-84	25	-56.2			
90	-82	-80	-81	-82	-82					
120	-80	-83	-74	-82	-83		_	001771		
150	-80	-74	-79	-81	-83		R	SSI Value vs Dis	tance	
180	-82	-83	-82	-82	-82		RSS	SI Value -0.133*x+-5	5.5 R ² = 0.961	
Average	-80.57142857	-80.85714286	-79.71428571	-80.71428571	-82.42857143	-50 —				
						-50 - - 56 .	2			
		Final Avg	-80.85714286							
						-60	-63.9			
						<u>o</u>		-70.6		
		Distance	150cm			RSSI Value			-75.8	
Time		T	RSSI Values	I		SS			76.0	
(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5	-80				-80.9
0	-71	-71	-77	-82	-74					
30	-71	-71	-77	-77	-74					
60	-73	-73	-77	-82	-73	-90	+ + +	+ + +	+ + +	+ + +
90	-71	-71	-77	-77	-71		50	100	150	200
120	-74	-74	-81	-80	-74			Distance /	cm	
150	-85	-75	-77	-77	-77					-
180	-85	-74	-77	-76	-78					
Average	-75.71428571	-72.71428571	-77.57142857	-78.71428571	-74.42857143					
		Final Avg	-75.82857143							
		r mai Avg	-/3.0203/143							
		Distance	100cm							
Time			RSSI Values							
		Trial 2	Trial 3	Trial 4	Trial 5					

0 30 60 90	-69 -69	-69 -74	-69 -69	-68 -71	-70
60	+	-74	-69	71	1 70
				-/1	-70
90	-70	-71	-71	-69	-71
	-68	-73	-71	-71	-80
120	-68	-69	-77	-71	-71
150	-70	-71	-71	-71	-68
180	-71	-69	-69	-76	-68
Average	-69.28571429	-70.85714286	-71	-71	-71.14285714
		Final Avg	-70.65714286		
		Distance	50cm		
Time			RSSI Values		
(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
0	-65	-64	-63	-65	-61
30	-65	-64	-63	-65	-65
60	-65	-67	-67	-65	-61
90	-63	-67	-67	-61	-63
120	-63	-67	-64	-63	-63
150	-61	-65	-64	-61	-65
180	-61	-65	-66	-61	-61
Average	-63.28571429	-65.57142857	-64.85714286	-63	-62.71428571
		Final Avg	-63.88571429		
		Distance	25cm		
Time			RSSI Values		
(Seconds)	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
0	-55	-56	-56	-58	-55
30	-56	-56	-58	-56	-56
20	1 1				
60	-55	-55	-56	-55	-55

120	-55	-55	-58	-55	-58
150	-58	-58	-58	-58	-58
180	-56	-56	-56	-56	-56
Average	-55.71428571	-56	-56.85714286	-56.28571429	-56.28571429
		Final Avg	-56.22857143		